

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053748.D
 Acq On : 13 Feb 2019 12:07
 Operator : JC/SP
 Sample : VN0213WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Quant Time: Feb 14 00:08:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	636853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	949361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	827296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	393963	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	324347	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
35) Dibromofluoromethane	7.59	113	309818	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
50) Toluene-d8	10.09	98	1142356	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	382873	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	112745	15.935	ug/l	100
3) Chloromethane	2.06	50	116302	15.382	ug/l	100
4) Vinyl Chloride	2.19	62	126172	17.191	ug/l	99
5) Bromomethane	2.57	94	90034	18.761	ug/l	100
6) Chloroethane	2.71	64	81702	19.480	ug/l	100
7) Trichlorofluoromethane	3.02	101	182572	18.344	ug/l	98
8) Diethyl Ether	3.41	74	62455	17.182	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	112637	18.299	ug/l	98
10) Methyl Iodide	3.96	142	137098	14.190	ug/l	99
11) Tert butyl alcohol	4.78	59	30585	80.889	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	98998	16.787	ug/l	98
13) Acrolein	3.61	56	11671	56.693	ug/l	92
14) Allyl chloride	4.33	41	145799	15.527	ug/l	98
15) Acrylonitrile	4.99	53	174991	85.729	ug/l	98
16) Acetone	3.81	43	156909	95.749	ug/l	99
17) Carbon Disulfide	4.06	76	262087	14.272	ug/l	100
18) Methyl Acetate	4.33	43	89796	18.502	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	250023	16.724	ug/l	99
20) Methylene Chloride	4.55	84	110591	16.085	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	100034	15.722	ug/l	95
22) Diisopropyl ether	5.95	45	281473	16.178	ug/l	93
23) Vinyl Acetate	5.90	43	948201	78.779	ug/l	99
24) 1,1-Dichloroethane	5.85	63	192758	16.610	ug/l	98
25) 2-Butanone	6.84	43	193510	82.795	ug/l	98
26) 2,2-Dichloropropane	6.82	77	146346	16.520	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	116697	16.495	ug/l	97
28) Bromochloromethane	7.19	49	100645	19.985	ug/l	95
29) Tetrahydrofuran	7.21	42	122314	81.499	ug/l	96
30) Chloroform	7.37	83	192270	16.714	ug/l	98
31) Cyclohexane	7.65	56	167026	15.341	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	159592	16.670	ug/l	99
36) 1,1-Dichloropropene	7.79	75	138153	16.143	ug/l	97
37) Ethyl Acetate	6.93	43	82700	17.303	ug/l	98
38) Carbon Tetrachloride	7.77	117	143813	16.681	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	158944	15.655	ug/l	99
40) Benzene	8.04	78	440698	16.699	ug/l	99
41) Methacrylonitrile	7.17	41	34810	13.031	ug/l #	72
42) 1,2-Dichloroethane	8.12	62	130989	16.717	ug/l	98
43) Isopropyl Acetate	8.17	43	143361	15.531	ug/l #	86
44) Trichloroethene	8.84	130	122421	16.294	ug/l	98
45) 1,2-Dichloropropane	9.12	63	114783	17.005	ug/l	99
46) Dibromomethane	9.21	93	69185	17.003	ug/l	97
47) Bromodichloromethane	9.40	83	144585	17.090	ug/l	98
48) Methyl methacrylate	9.20	41	72380	16.427	ug/l	99
49) 1,4-Dioxane	9.20	88	21262	359.106	ug/l #	94
51) 4-Methyl-2-Pentanone	9.99	43	376682	83.045	ug/l	100
52) Toluene	10.16	92	265661	16.962	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	136534	16.117	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	165277	16.464	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	99907	17.702	ug/l	98
56) Ethyl methacrylate	10.43	69	107943	16.167	ug/l	96
57) 1,3-Dichloropropane	10.71	76	164379	17.042	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	299128	77.935	ug/l	99
59) 2-Hexanone	10.75	43	245142	79.610	ug/l	100
60) Dibromochloromethane	10.90	129	108683	17.077	ug/l	98
61) 1,2-Dibromoethane	11.01	107	92566	16.571	ug/l	100
64) Tetrachloroethene	10.63	164	120299	16.963	ug/l	99
65) Chlorobenzene	11.43	112	294591	16.764	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	108743	17.719	ug/l	98
67) Ethyl Benzene	11.51	91	477495	16.542	ug/l	100
68) m/p-Xylenes	11.62	106	380770	34.561	ug/l	97
69) o-Xylene	11.95	106	181533	17.055	ug/l	99
70) Styrene	11.96	104	292319	16.944	ug/l	99
71) Bromoform	12.13	173	73080	17.369	ug/l #	100
73) Isopropylbenzene	12.25	105	488263	17.630	ug/l	100
74) N-amyl acetate	12.07	43	108504	16.293	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	113027	17.053	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	135630	26.803	ug/l #	100
77) Bromobenzene	12.53	156	128207	17.177	ug/l	97
78) n-propylbenzene	12.59	91	556525	17.383	ug/l	100
79) 2-Chlorotoluene	12.68	91	331471	17.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	417372	18.173	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28183	15.661	ug/l	98
82) 4-Chlorotoluene	12.77	91	337274	17.304	ug/l	100
83) tert-Butylbenzene	12.99	119	371143	18.285	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	420821	17.985	ug/l	100
85) sec-Butylbenzene	13.17	105	506678	18.344	ug/l	99
86) p-Isopropyltoluene	13.29	119	436964	18.088	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	225820	16.830	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	222019	16.728	ug/l	99
89) n-Butylbenzene	13.62	91	355427	16.998	ug/l	99
90) Hexachloroethane	13.88	117	74413	18.675	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	222286	17.305	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16142	17.088	ug/l	96

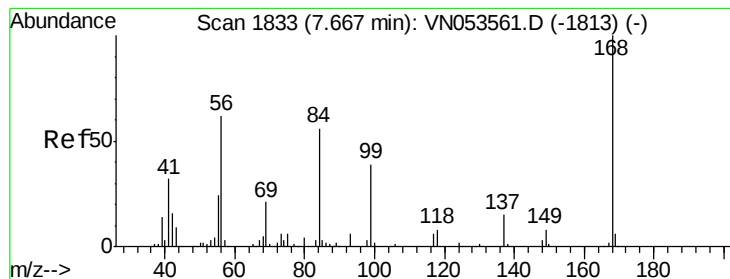
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
Data File : VN053748.D
Acq On : 13 Feb 2019 12:07
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Quant Time: Feb 14 00:08:02 2019
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	115222	15.640	ug/l	98
94) Hexachlorobutadiene	15.01	225	88797	19.354	ug/l	99
95) Naphthalene	15.13	128	209137	13.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	111579	16.323	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

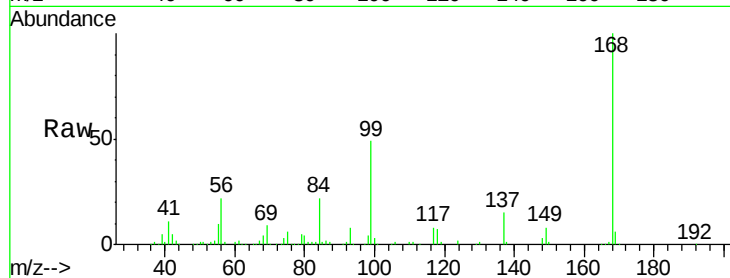
VN0213WBS01

Tot Ion:168 Resp: 636853

Ion Ratio Lower Upper

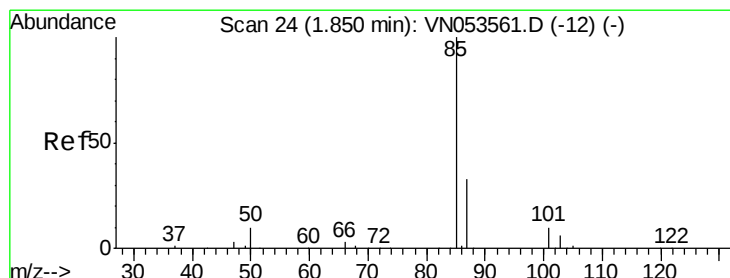
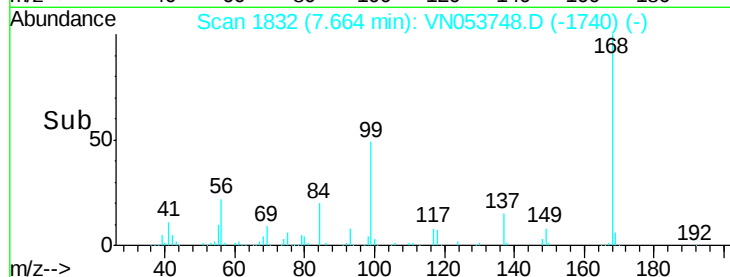
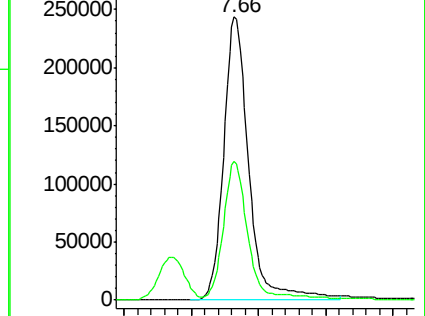
168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 15.935 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053748.D

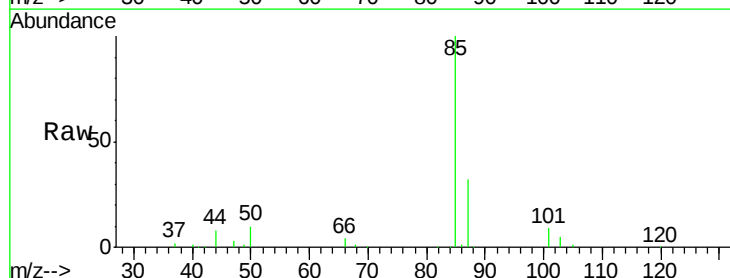
Acq: 13 Feb 2019 12:07

Tgt Ion: 85 Resp: 112745

Ion Ratio Lower Upper

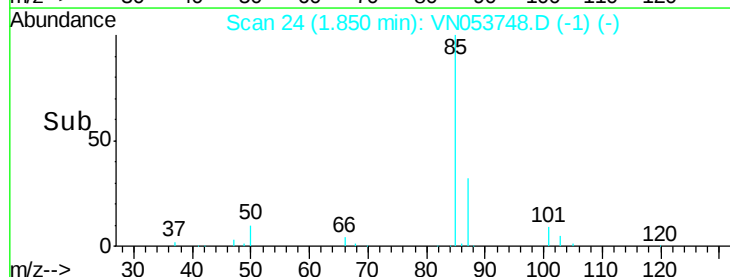
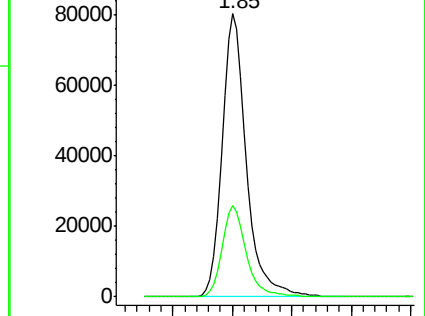
85 100

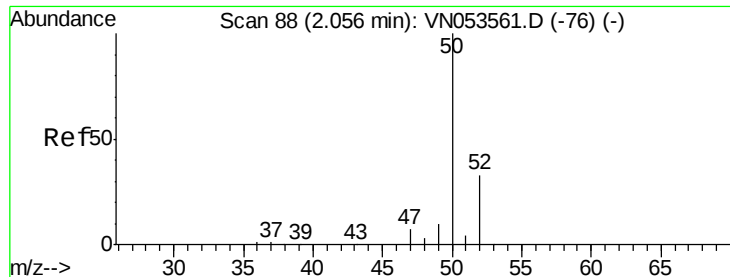
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 15.382 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

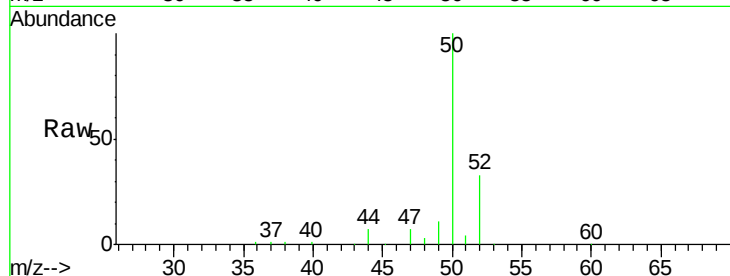
VN0213WBS01

Tot Ion: 50 Resp: 116302

Ion Ratio Lower Upper

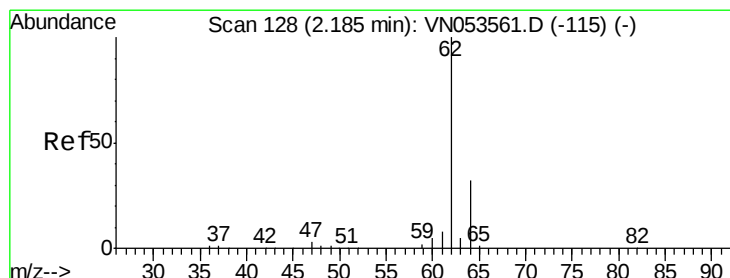
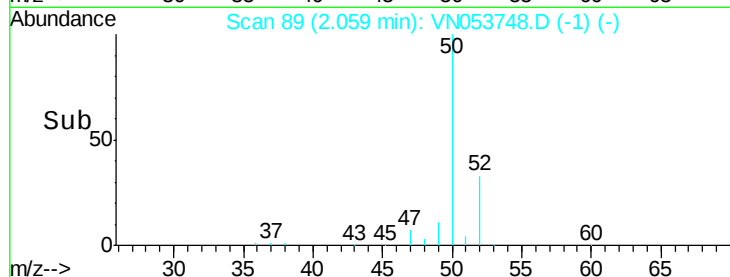
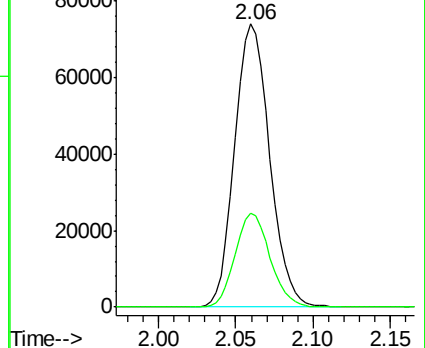
50 100

52 33.2 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.191 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053748.D

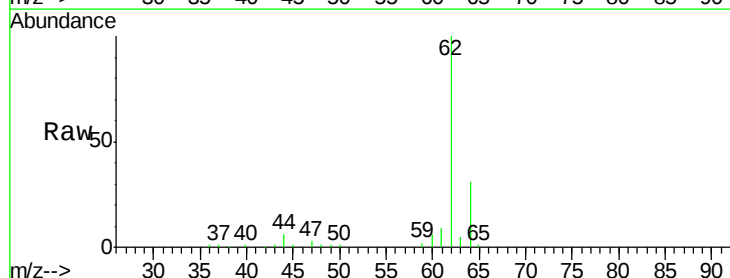
Acq: 13 Feb 2019 12:07

Tgt Ion: 62 Resp: 126172

Ion Ratio Lower Upper

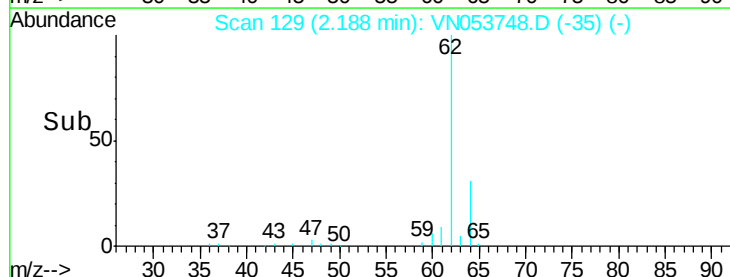
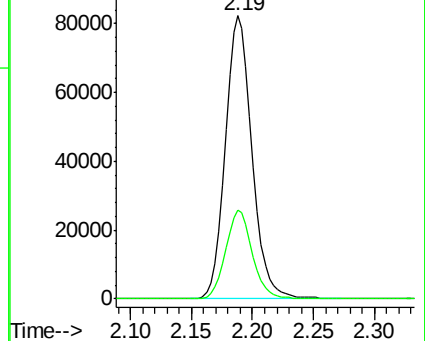
62 100

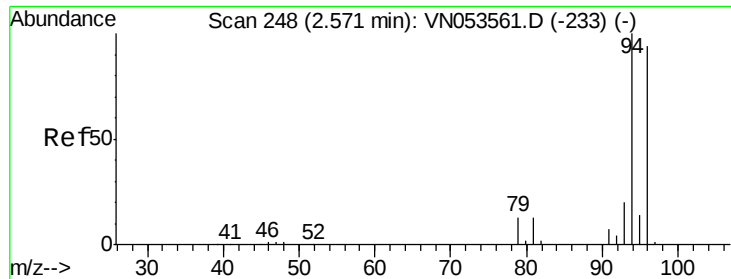
64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.761 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

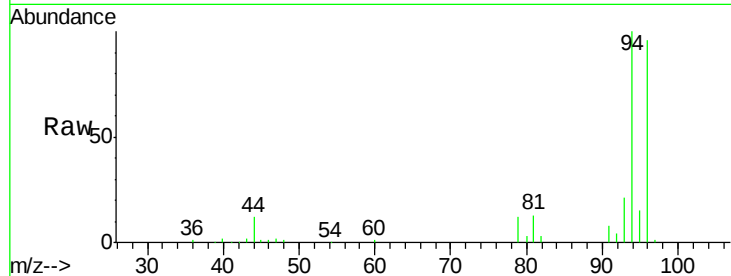
VN0213WBS01

Tot Ion: 94 Resp: 90034

Ion Ratio Lower Upper

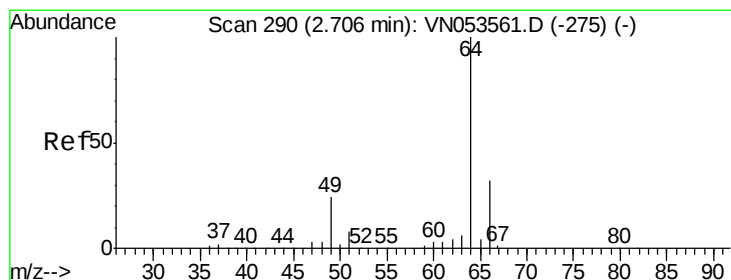
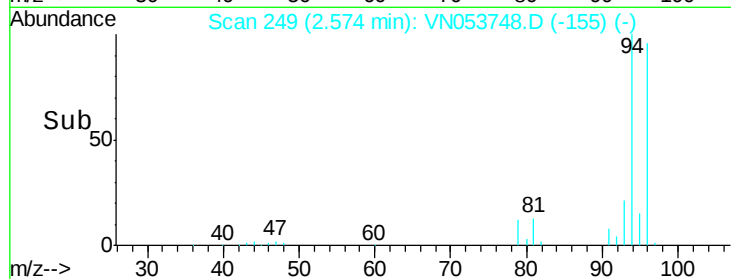
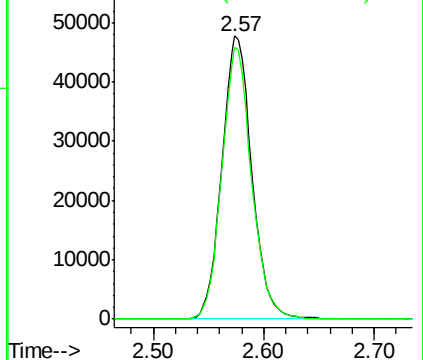
94 100

96 96.1 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.480 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053748.D

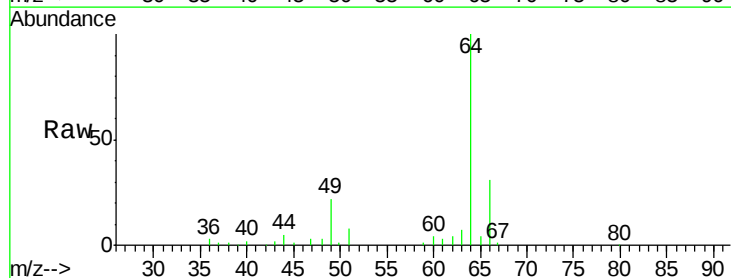
Acq: 13 Feb 2019 12:07

Tgt Ion: 64 Resp: 81702

Ion Ratio Lower Upper

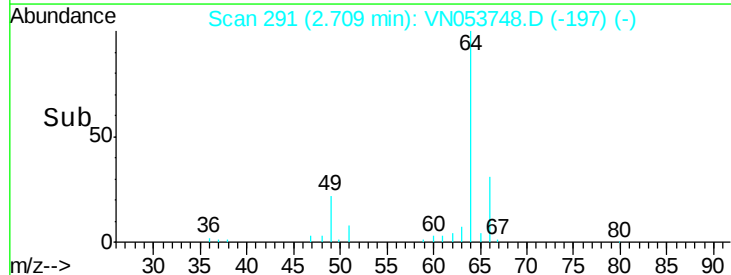
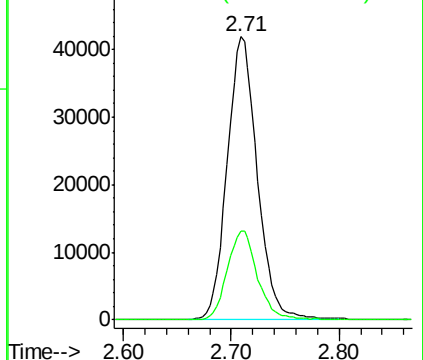
64 100

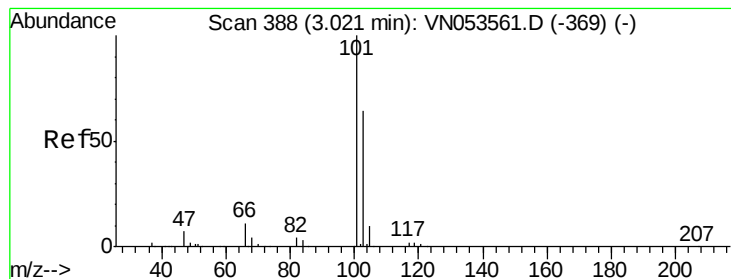
66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



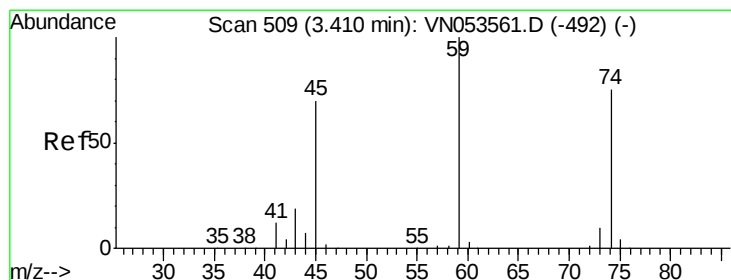
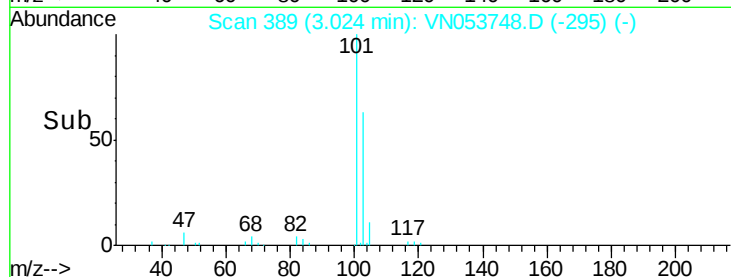
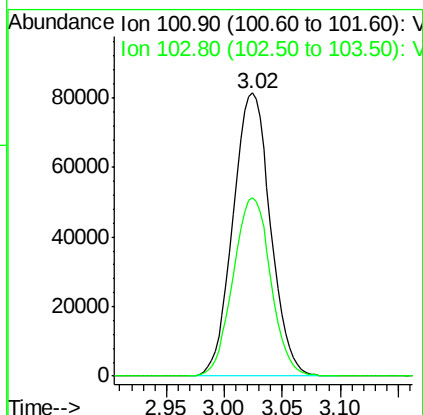
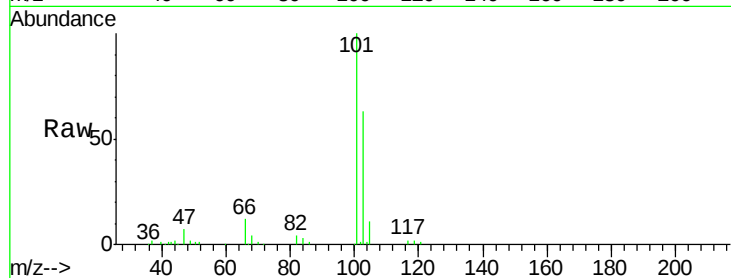


#7

Trichlorofluoromethane
Concen: 18.344 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

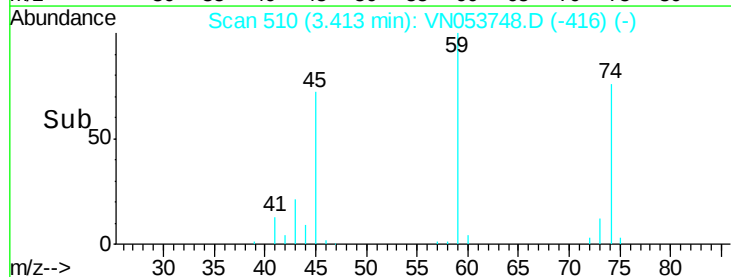
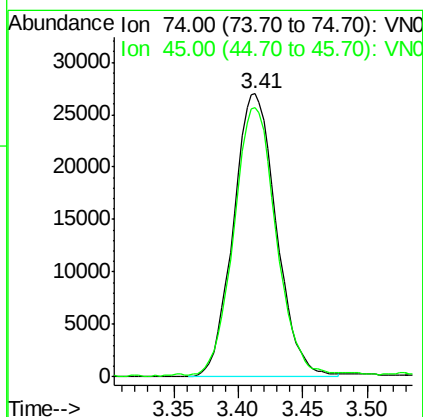
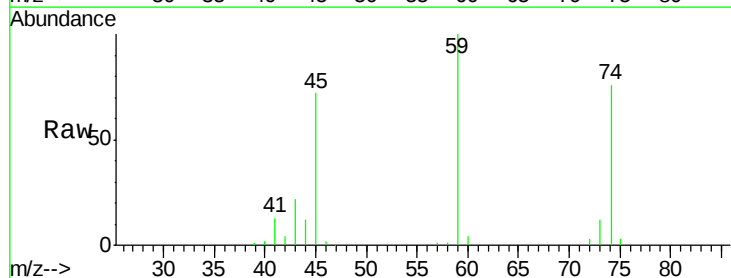
Tot Ion:101 Resp: 182572
Ion Ratio Lower Upper
101 100
103 63.1 51.6 77.4

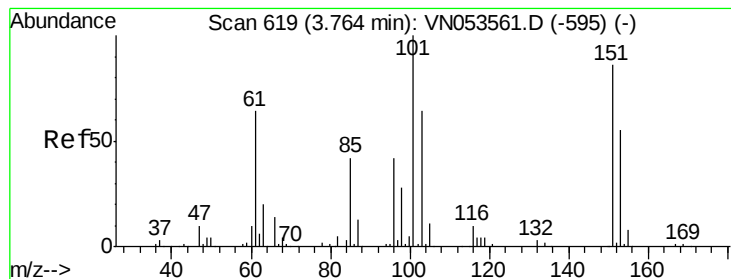


#8

Diethyl Ether
Concen: 17.182 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 74 Resp: 62455
Ion Ratio Lower Upper
74 100
45 92.9 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.299 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0213WBS01

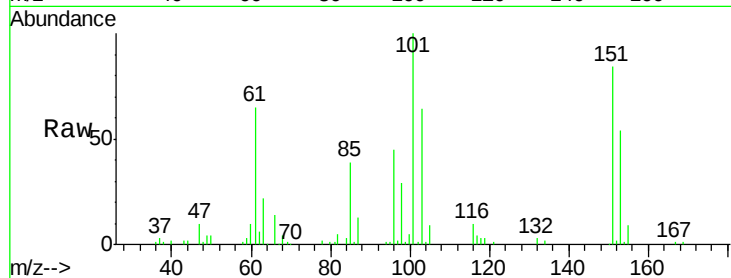
Tot Ion:101 Resp: 112637

Ion Ratio Lower Upper

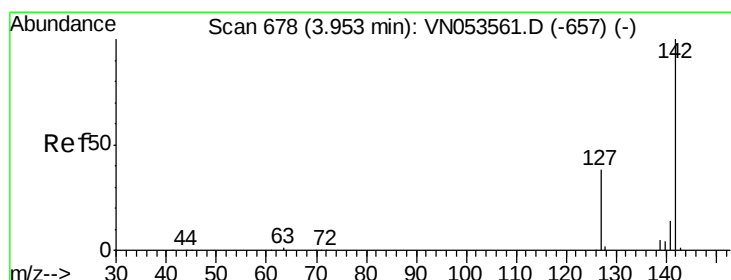
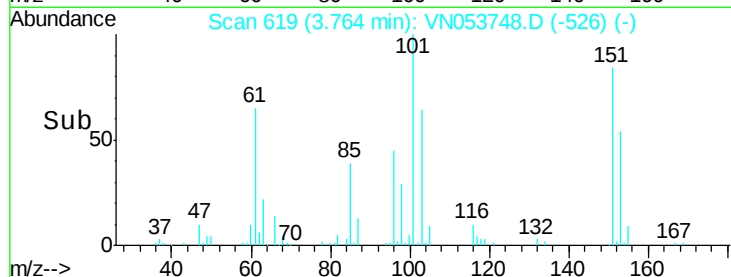
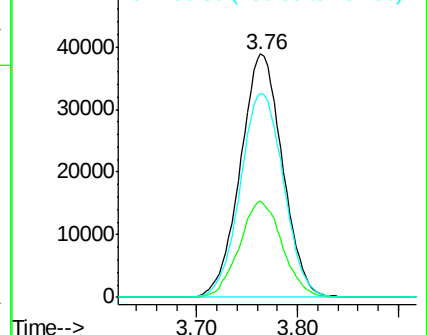
101 100

85 40.2 32.8 49.2

151 86.3 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.190 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

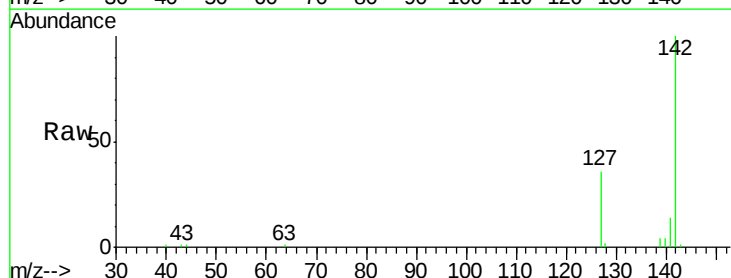
Tgt Ion:142 Resp: 137098

Ion Ratio Lower Upper

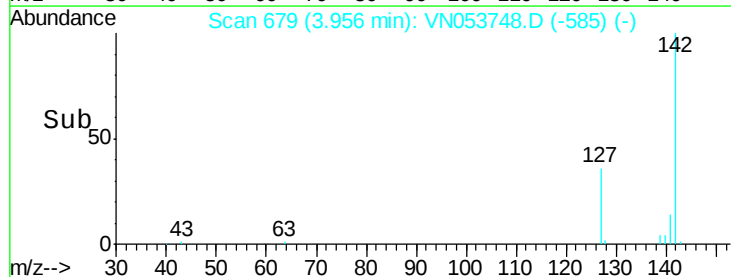
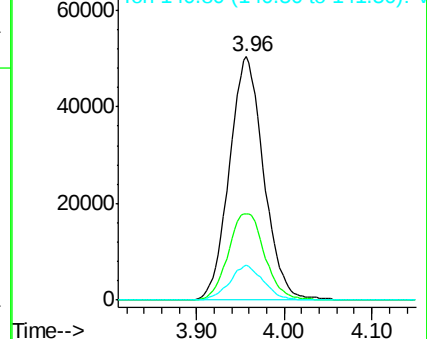
142 100

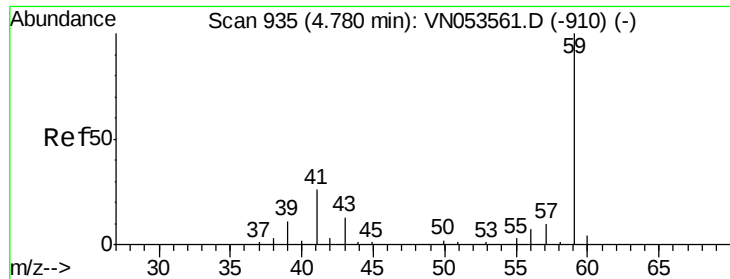
127 37.9 31.0 46.4

141 14.0 11.1 16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

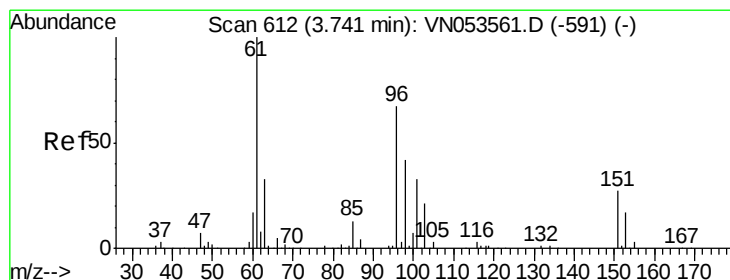
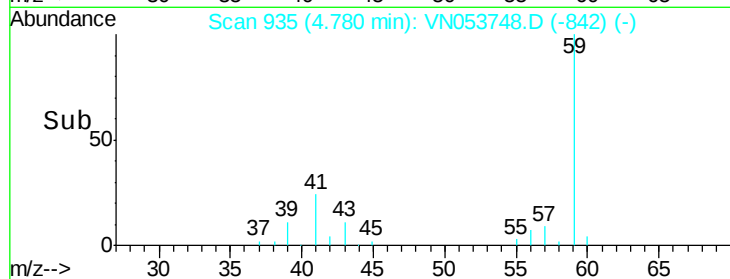
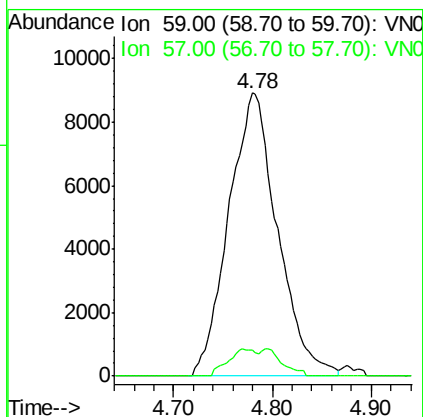
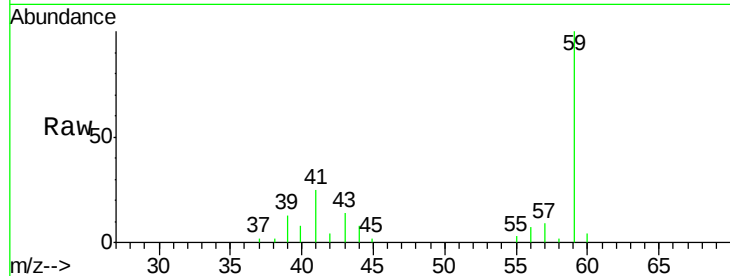




#11
Tert butyl alcohol
Concen: 80.889 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

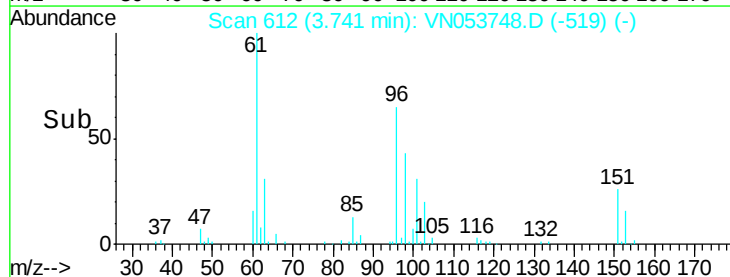
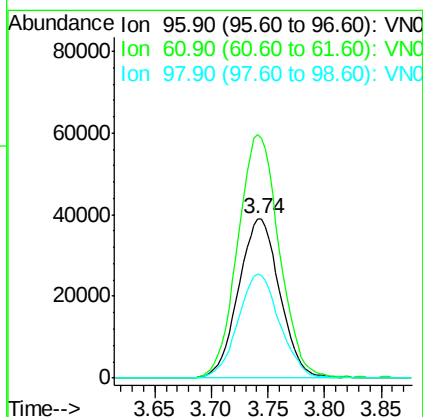
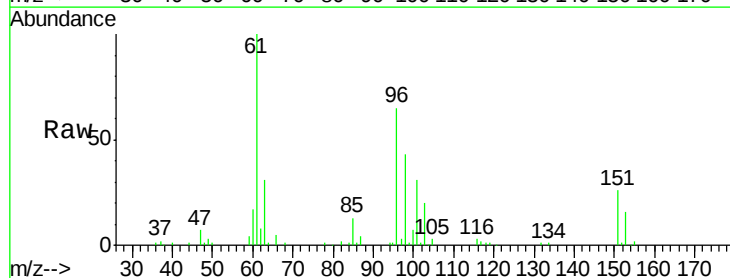
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

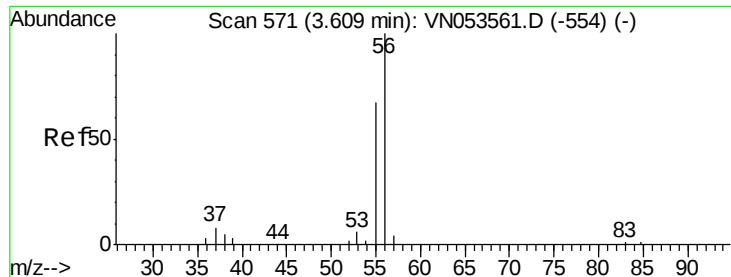
Tot Ion: 59 Resp: 30585
Ion Ratio Lower Upper
59 100
57 5.6 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 16.787 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 96 Resp: 98998
Ion Ratio Lower Upper
96 100
61 152.9 122.9 184.3
98 65.6 49.4 74.0





#13

Acrolein

Concen: 56.693 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

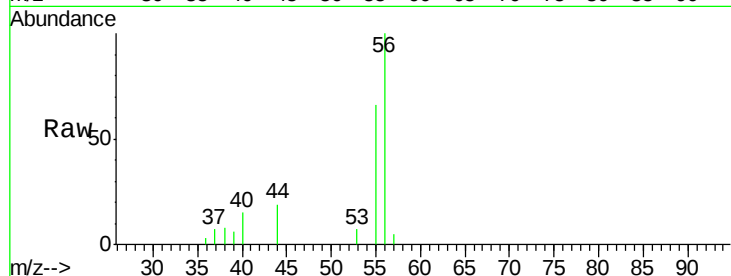
VN0213WBS01

Tot Ion: 56 Resp: 11671

Ion Ratio Lower Upper

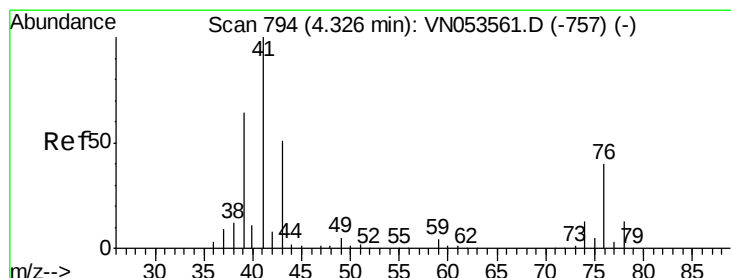
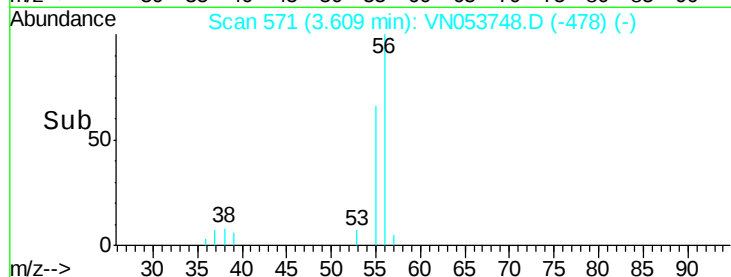
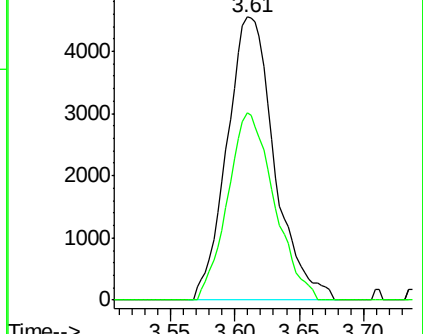
56 100

55 64.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 15.527 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

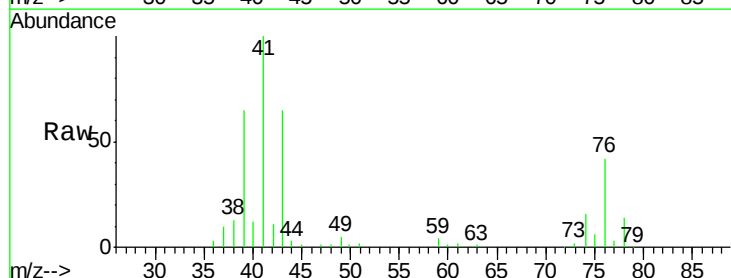
Tgt Ion: 41 Resp: 145799

Ion Ratio Lower Upper

41 100

39 60.3 48.9 73.3

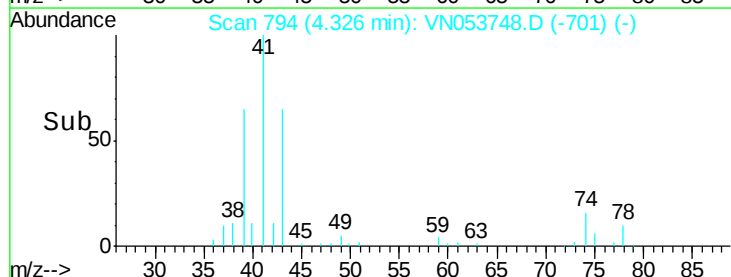
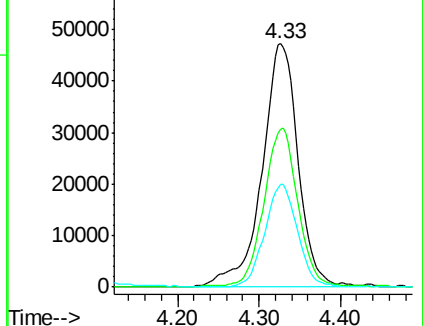
76 38.4 29.4 44.2

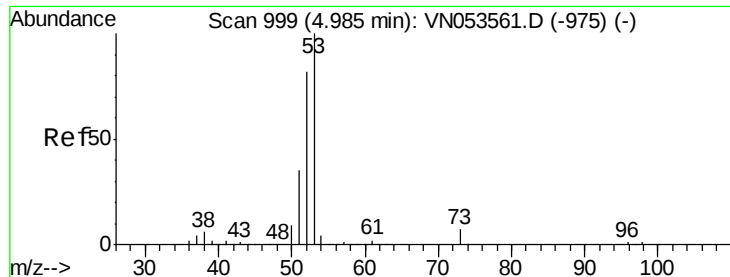


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 85.729 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

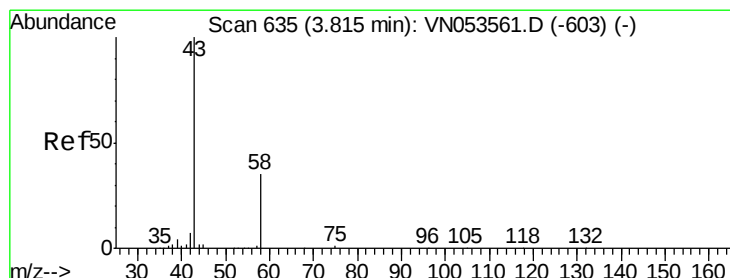
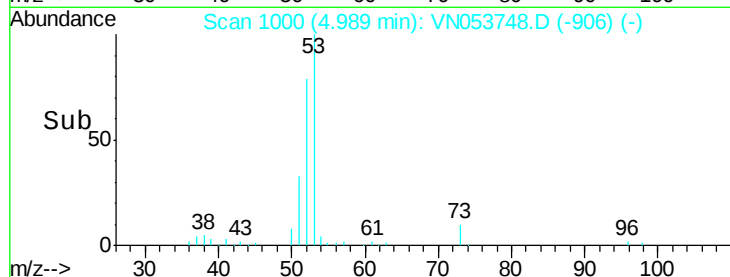
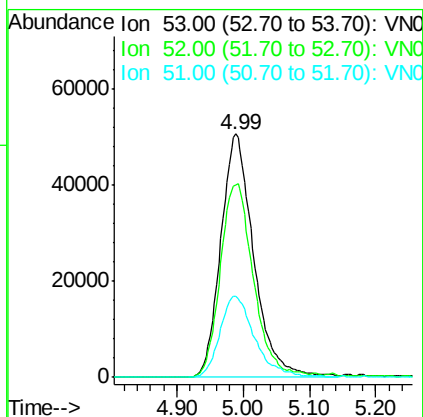
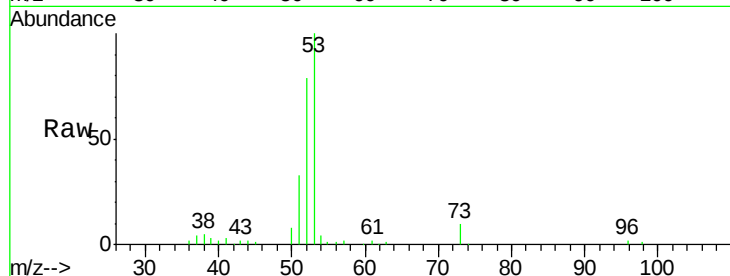
Tot Ion: 53 Resp: 174991

Ion Ratio Lower Upper

53 100

52 80.0 66.0 99.0

51 35.3 28.3 42.5



#16

Acetone

Concen: 95.749 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053748.D

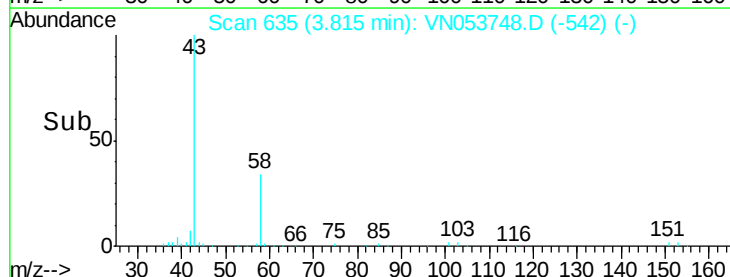
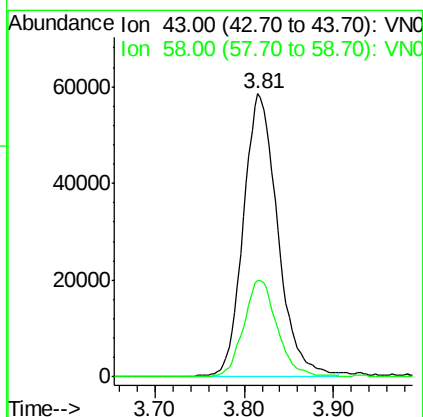
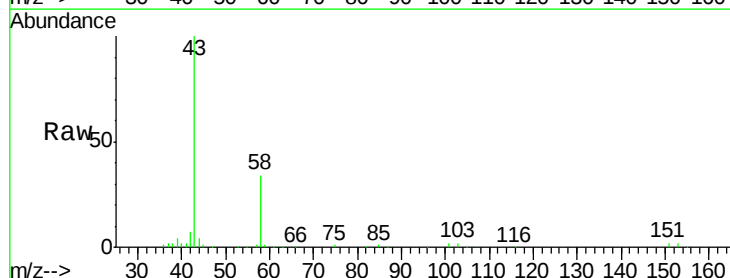
Acq: 13 Feb 2019 12:07

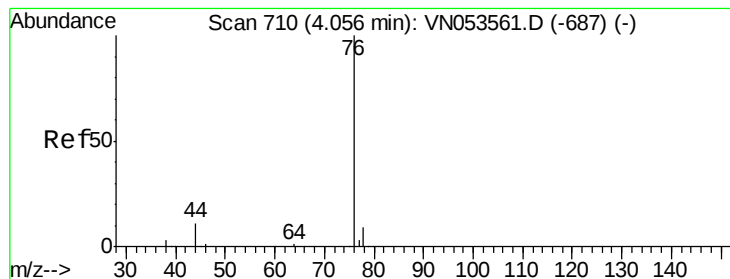
Tgt Ion: 43 Resp: 156909

Ion Ratio Lower Upper

43 100

58 34.2 27.1 40.7





#17

Carbon Disulfide

Concen: 14.272 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

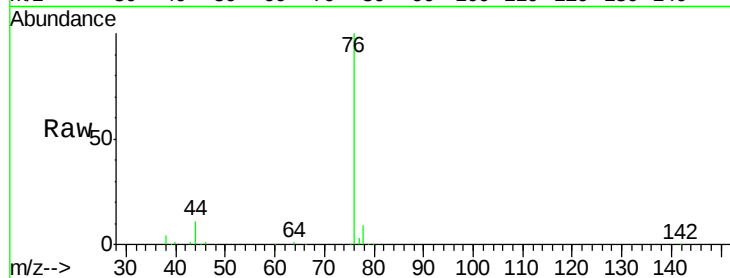
VN0213WBS01

Tot Ion: 76 Resp: 262087

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.06

100000

80000

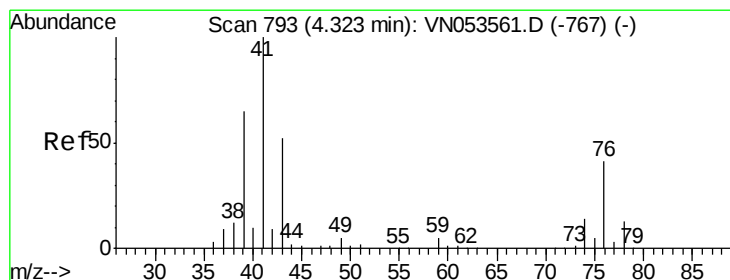
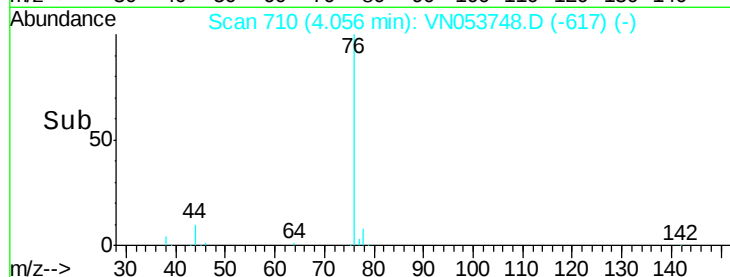
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.502 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053748.D

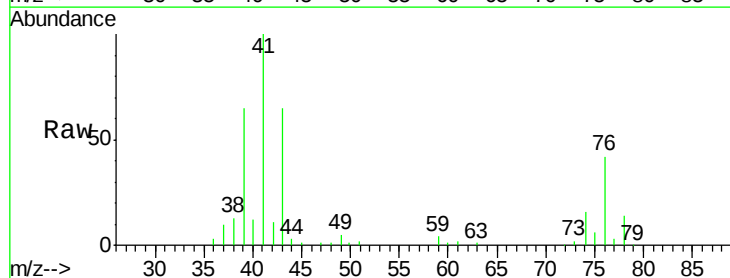
Acq: 13 Feb 2019 12:07

Tgt Ion: 43 Resp: 89796

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.33

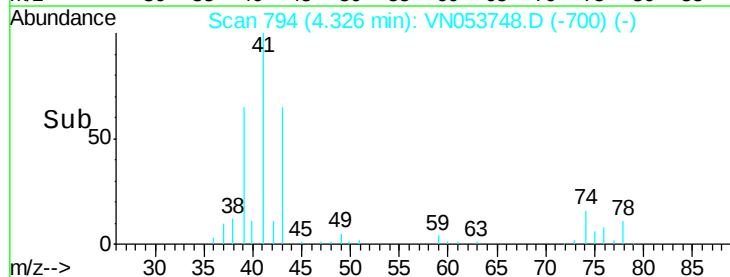
30000

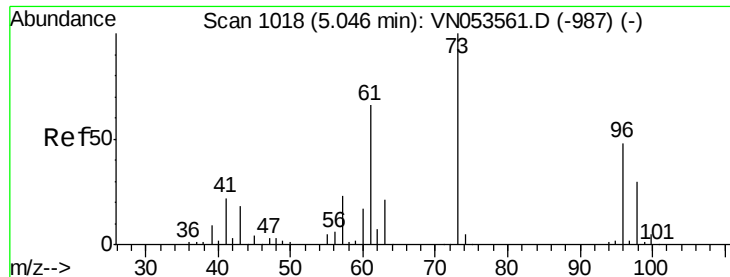
20000

10000

0

Time-->

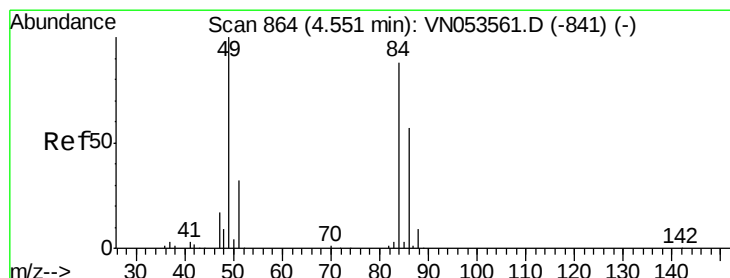
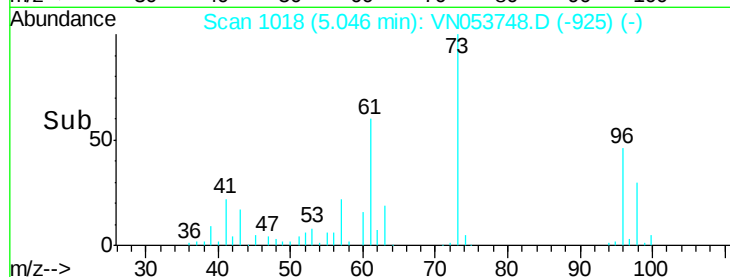
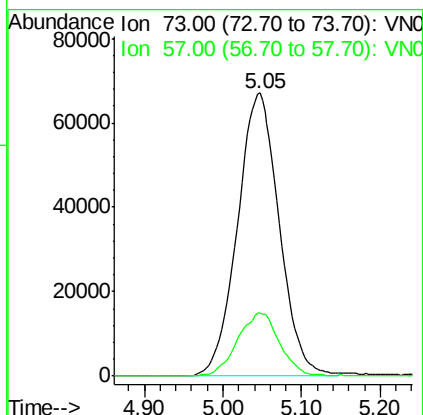
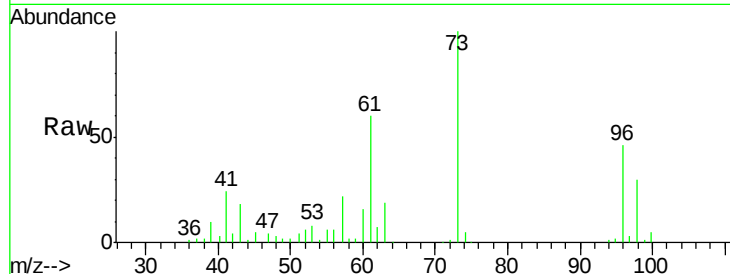




#19
Methvl tert-butvl Ether
Concen: 16.724 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

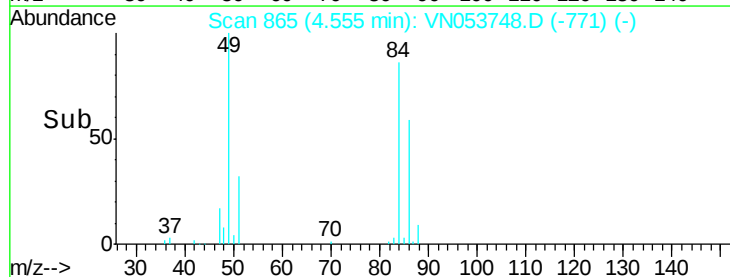
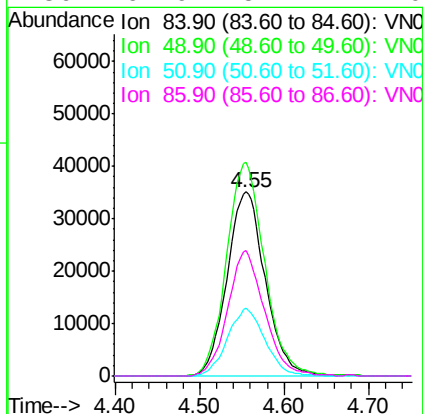
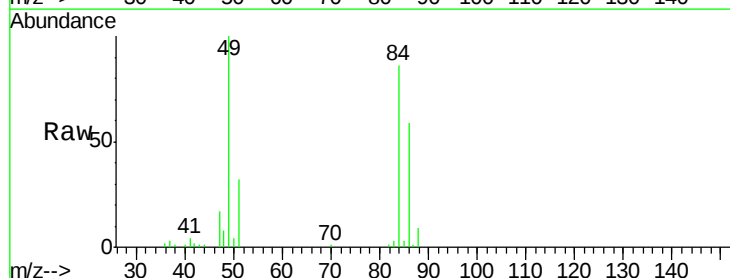
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

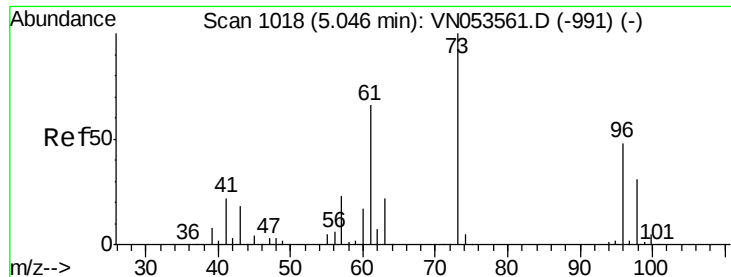
Tot Ion: 73 Resp: 250023
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 16.085 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 84 Resp: 110591
Ion Ratio Lower Upper
84 100
49 115.5 94.3 141.5
51 37.0 29.4 44.2
86 67.9 51.4 77.0

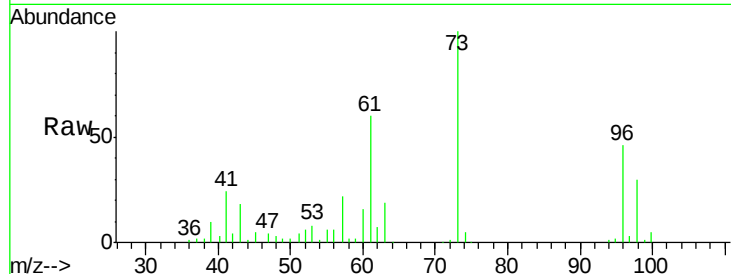




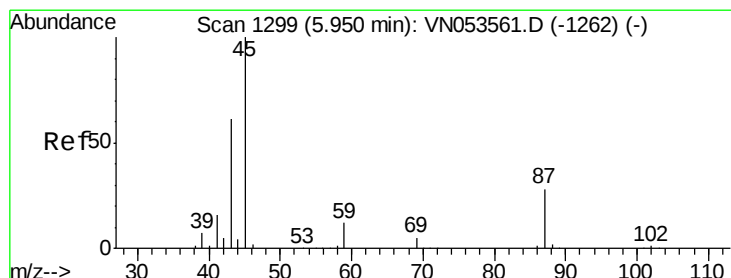
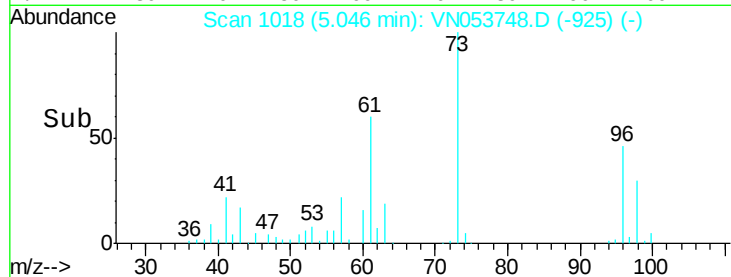
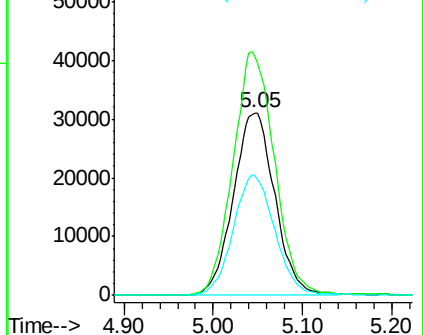
#21
trans-1,2-Dichloroethene
Concen: 15.722 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampled :
VN0213WBS01

Tot Ion: 96 Resp: 100034
Ion Ratio Lower Upper
96 100
61 130.6 110.1 165.1
98 65.3 50.0 75.0

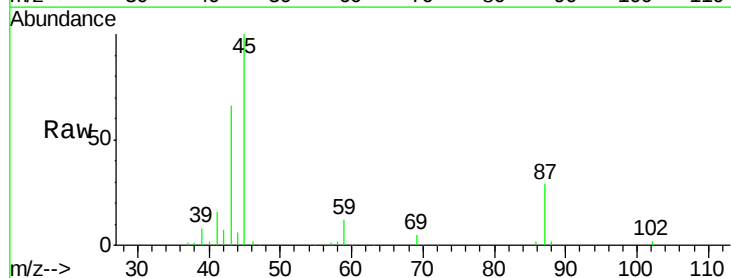


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

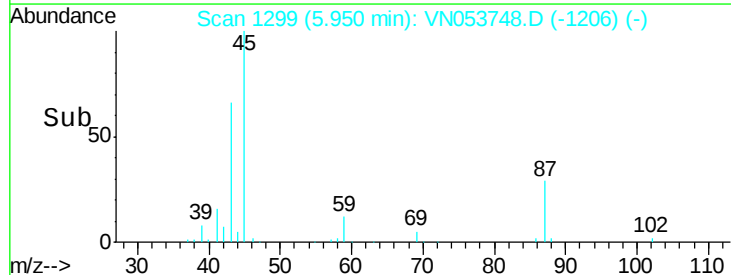
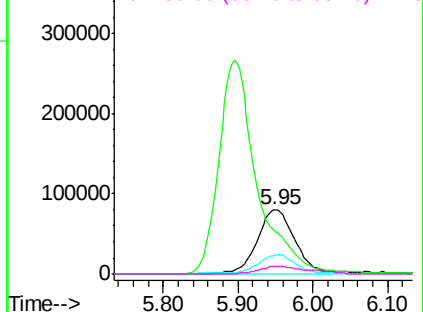


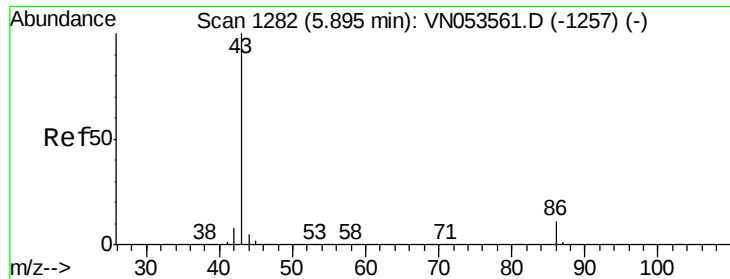
#22
Diisopropyl ether
Concen: 16.178 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 45 Resp: 281473
Ion Ratio Lower Upper
45 100
43 64.2 44.2 66.4
87 28.0 22.7 34.1
59 11.8 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO

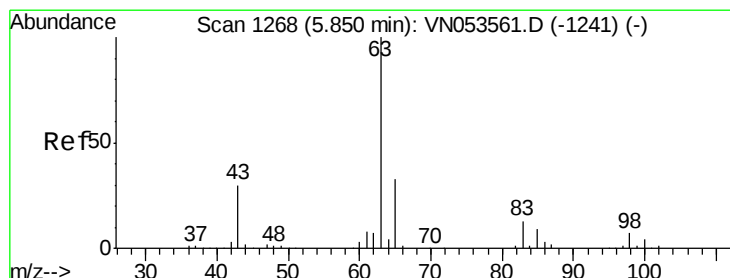
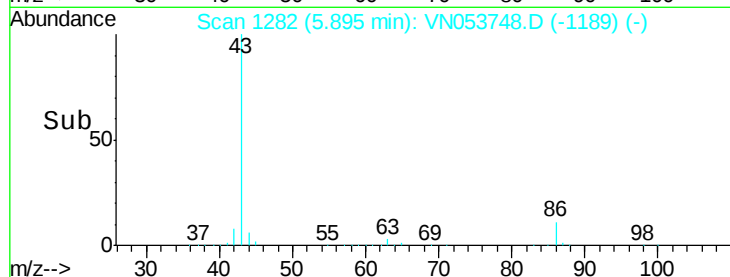
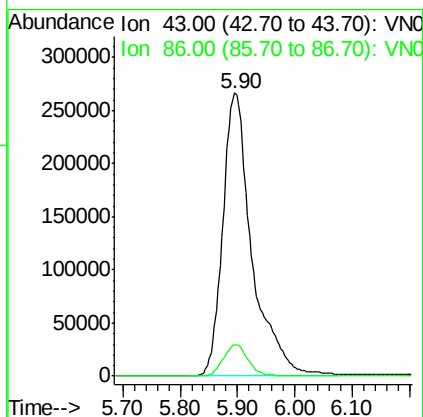
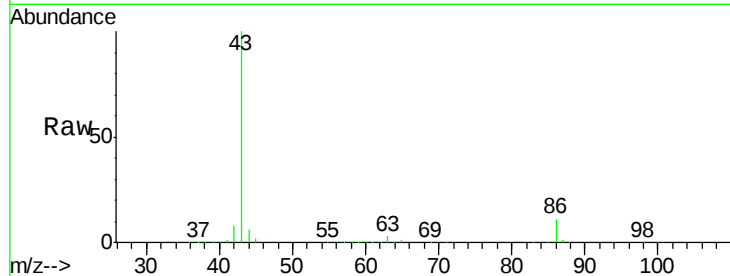




#23
 Vinyl Acetate
 Concen: 78.779 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

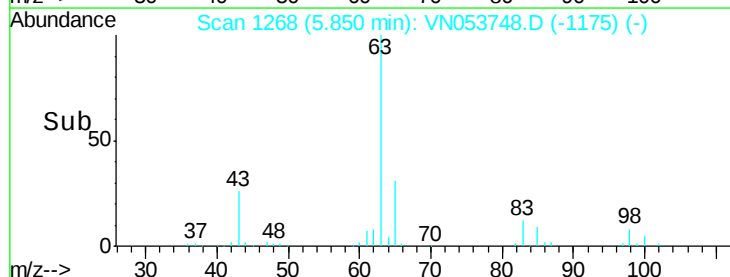
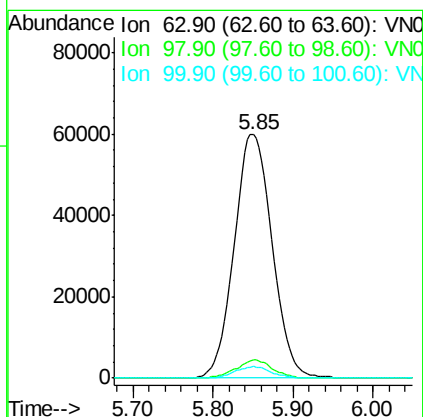
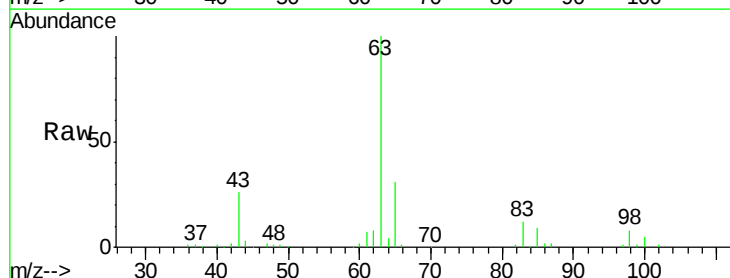
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

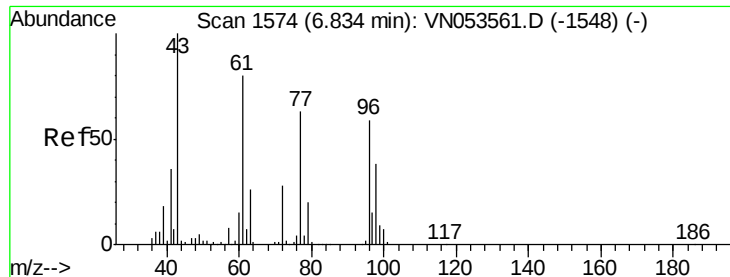
Tot Ion: 43 Resp: 948201
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 16.610 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

Tgt Ion: 63 Resp: 192758
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 82.795 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

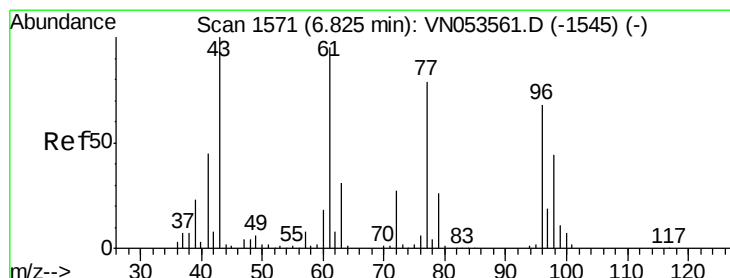
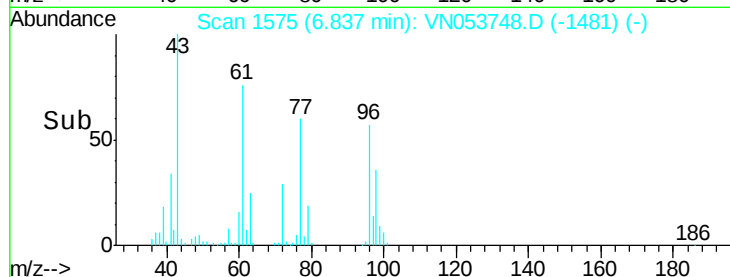
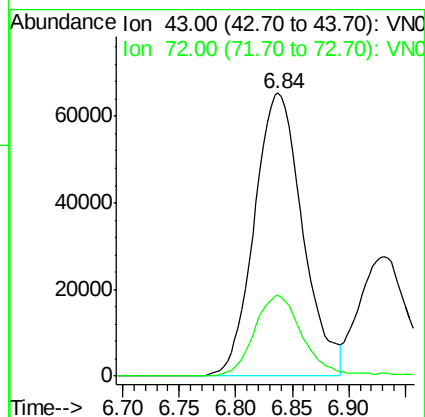
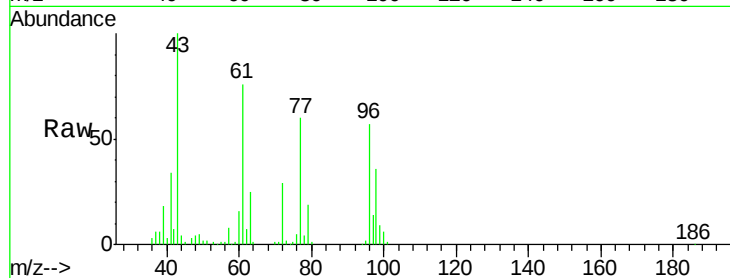
VN0213WBS01

Tot Ion: 43 Resp: 193510

Ion Ratio Lower Upper

43 100

72 28.5 22.0 33.0



#26

2,2-Dichloropropane

Concen: 16.520 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN053748.D

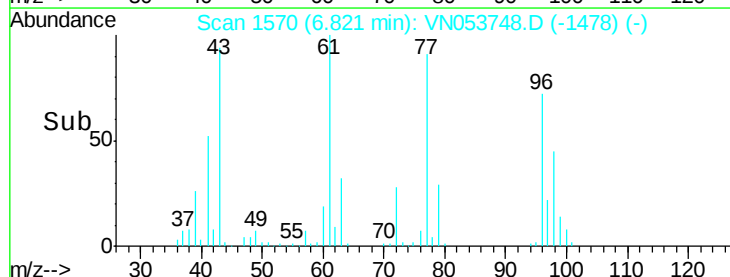
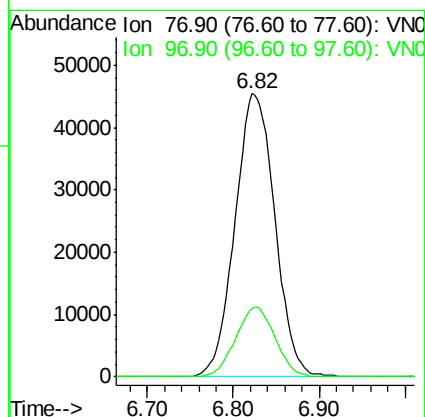
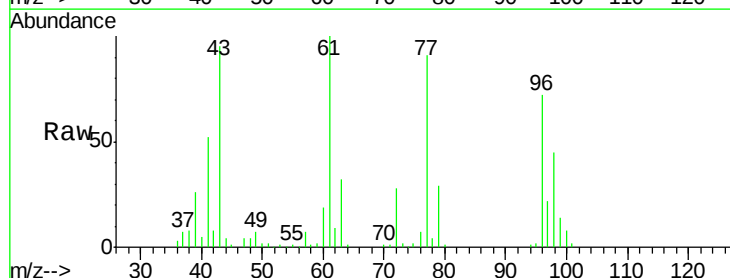
Acq: 13 Feb 2019 12:07

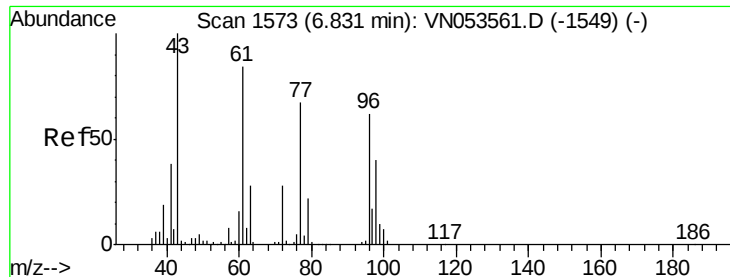
Tgt Ion: 77 Resp: 146346

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 16.495 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

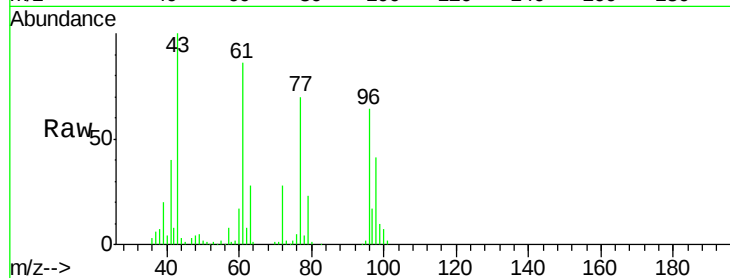
Tot Ion: 96 Resp: 116697

Ion Ratio Lower Upper

96 100

61 137.3 0.0 283.8

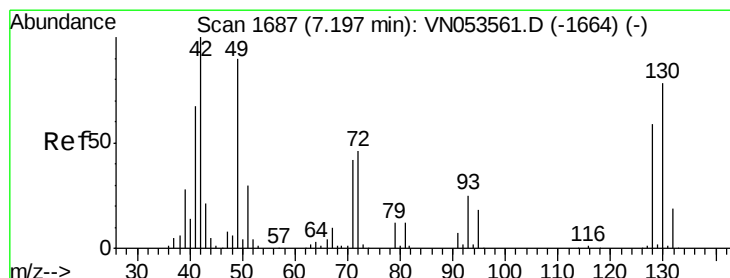
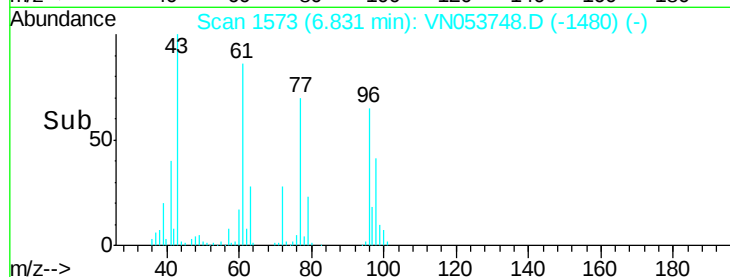
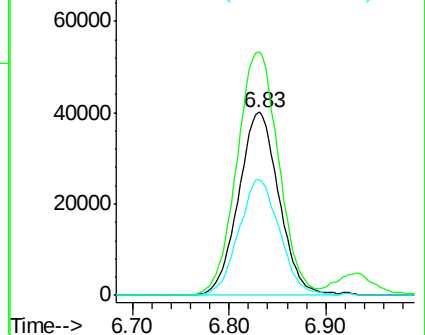
98 63.9 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.985 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

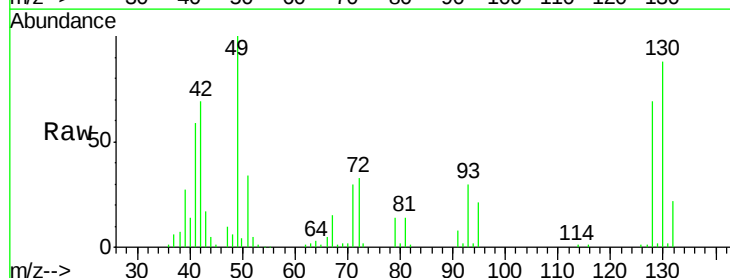
Tgt Ion: 49 Resp: 100645

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

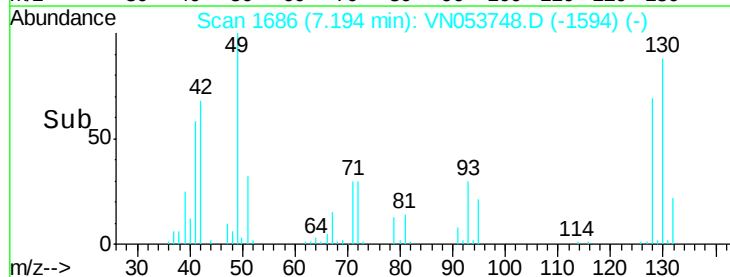
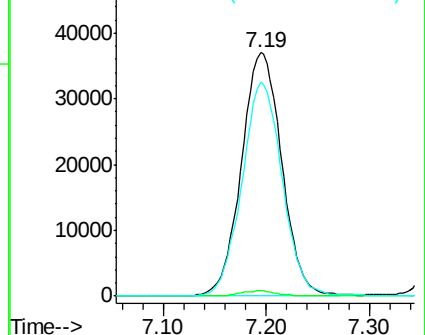
130 87.7 66.3 99.5

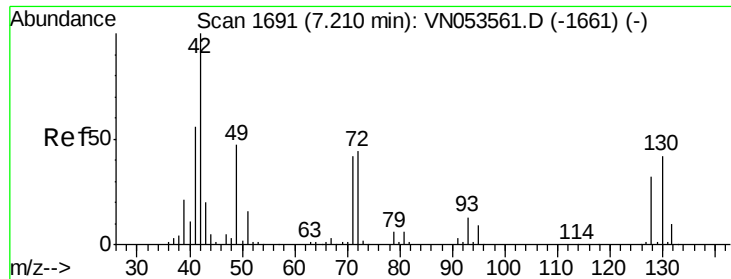


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

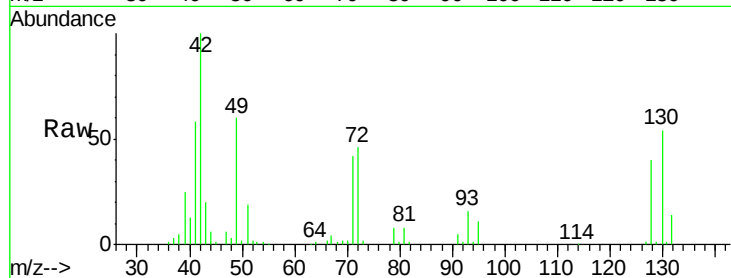




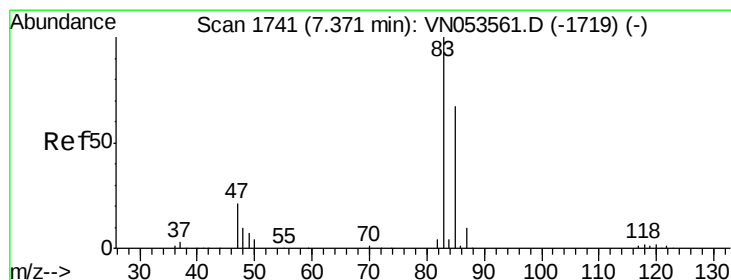
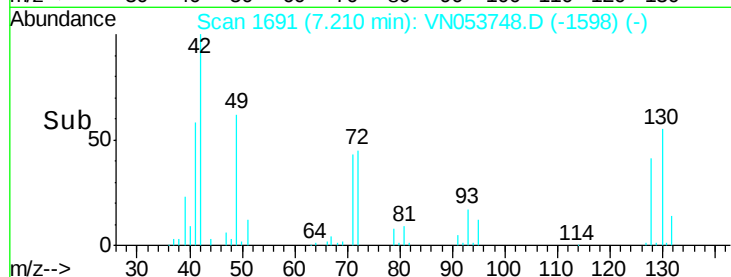
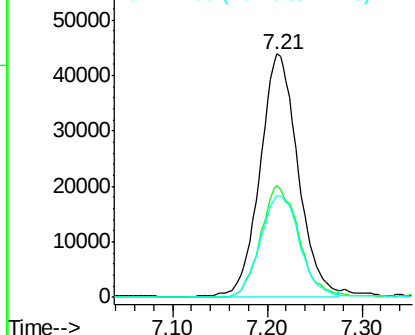
#29
Tetrahydrofuran
Concen: 81.499 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampled :
VN0213WBS01

Tot Ion: 42 Resp: 122314
Ion Ratio Lower Upper
42 100
72 46.4 35.2 52.8
71 43.4 33.0 49.4

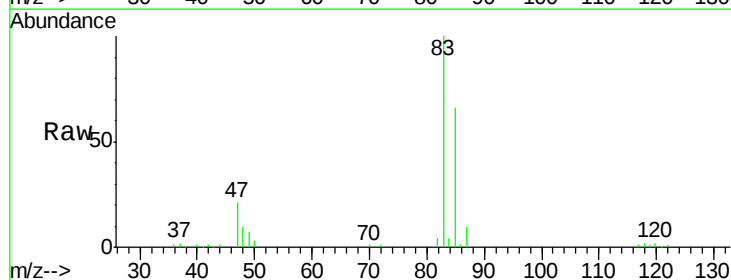


Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC

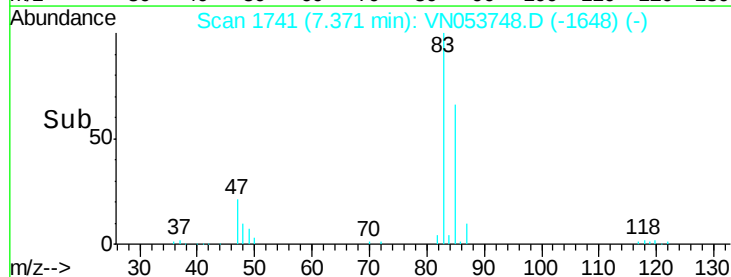
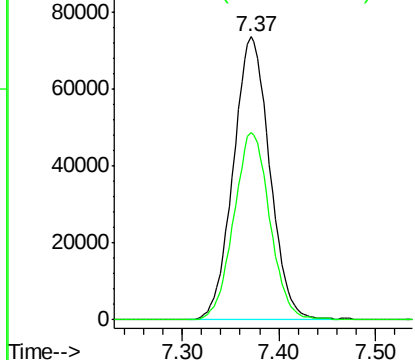


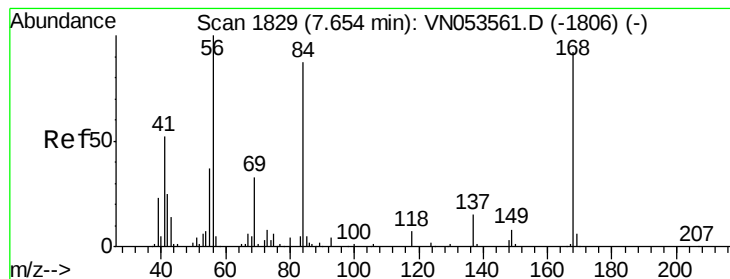
#30
Chloroform
Concen: 16.714 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 83 Resp: 192270
Ion Ratio Lower Upper
83 100
85 66.4 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC





#31

Cyclohexane

Concen: 15.341 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

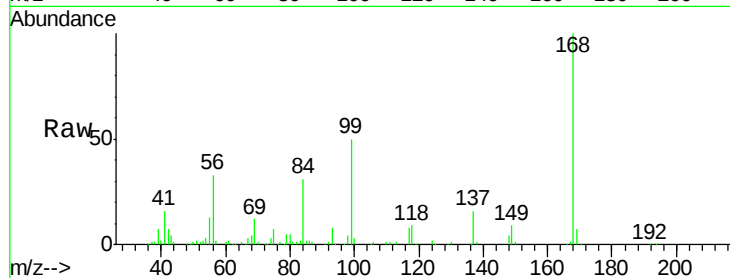
Tot Ion: 56 Resp: 167026

Ion Ratio Lower Upper

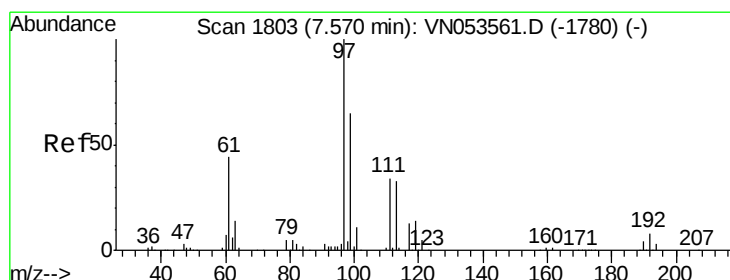
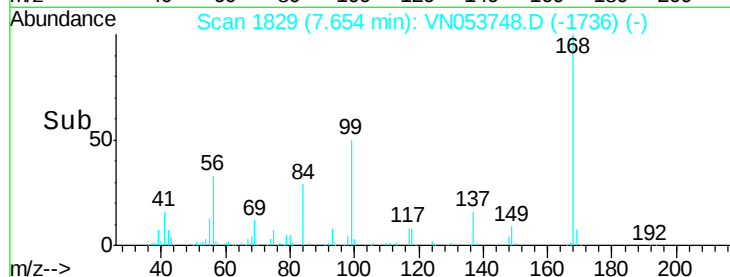
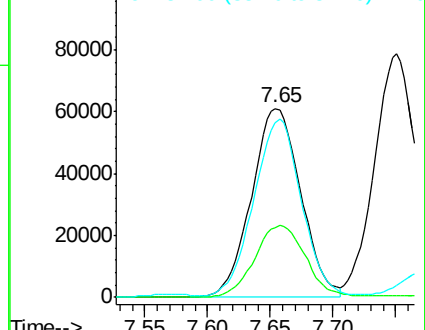
56 100

69 37.1 26.4 39.6

84 91.6 67.9 101.9



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 16.670 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

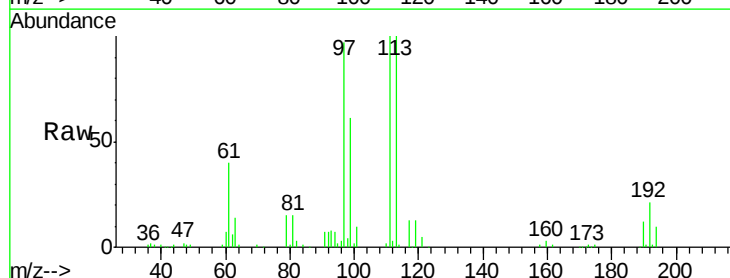
Tgt Ion: 97 Resp: 159592

Ion Ratio Lower Upper

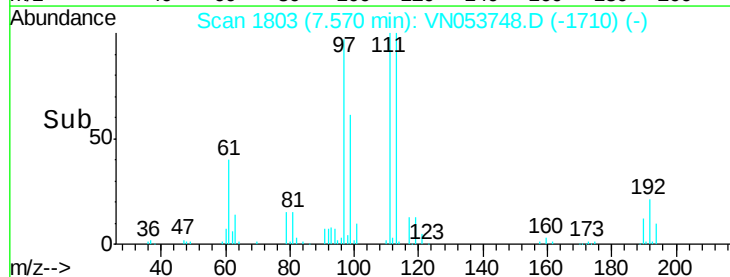
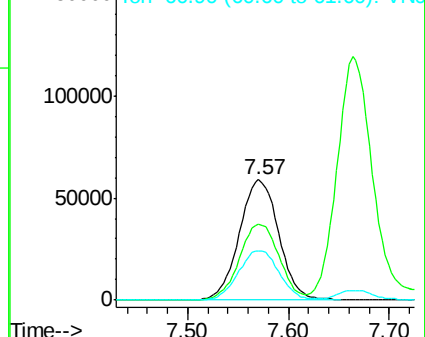
97 100

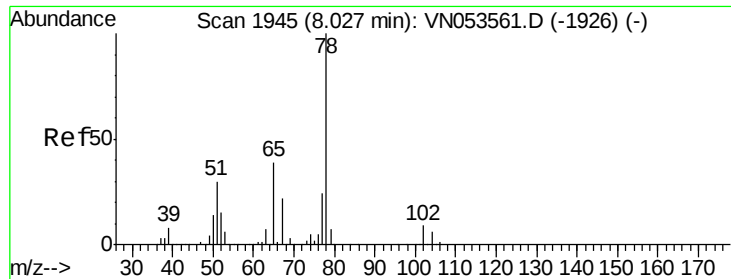
99 63.8 52.0 78.0

61 42.5 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.768 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

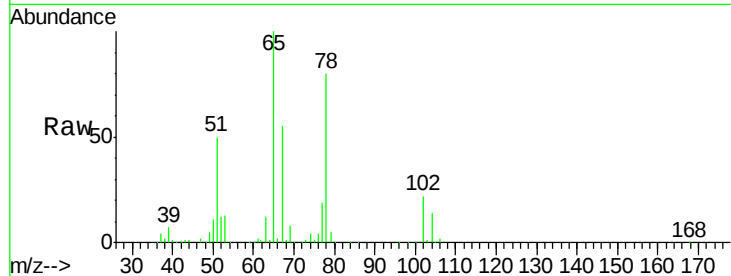
VN0213WBS01

Tot Ion: 65 Resp: 324347

Ion Ratio Lower Upper

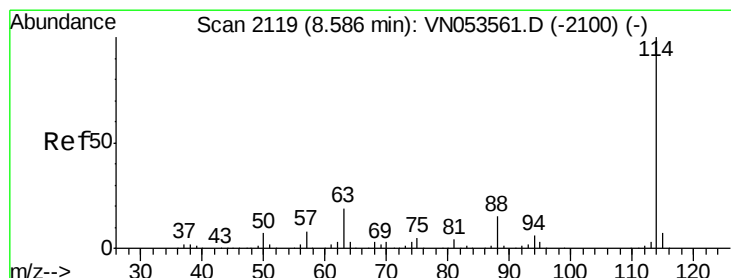
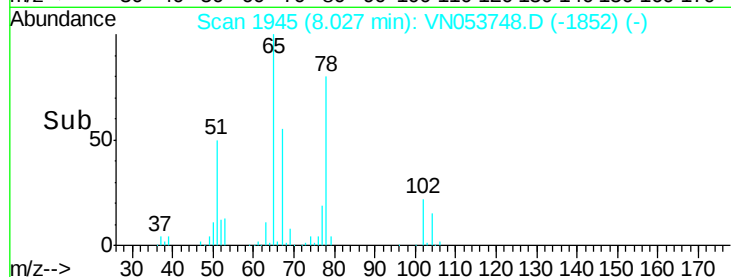
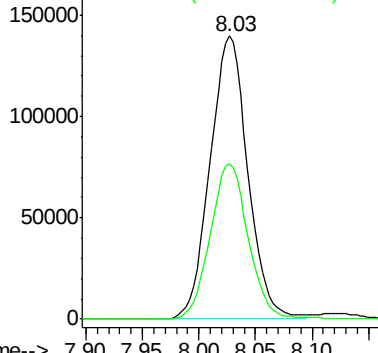
65 100

67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

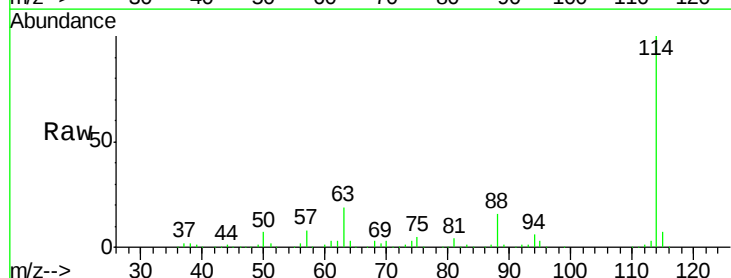
Tgt Ion: 114 Resp: 949361

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

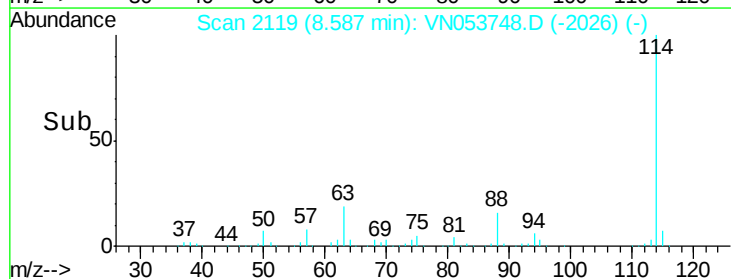
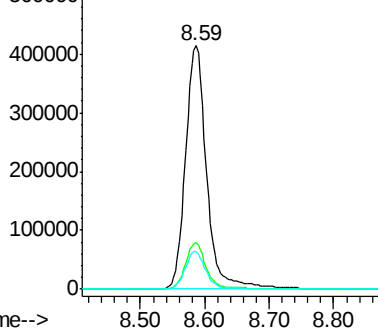
88 15.6 0.0 30.4

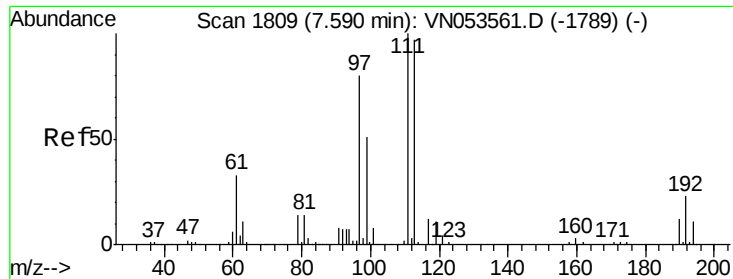


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

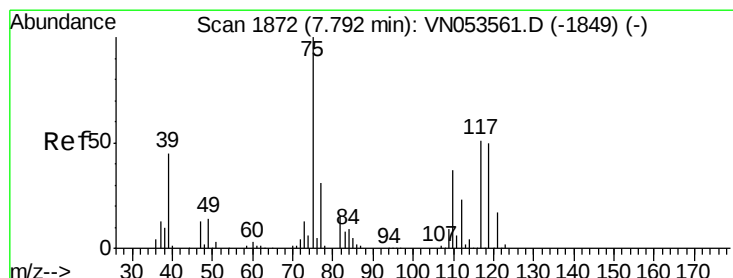
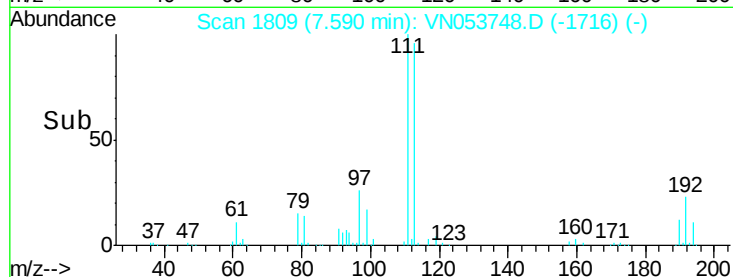
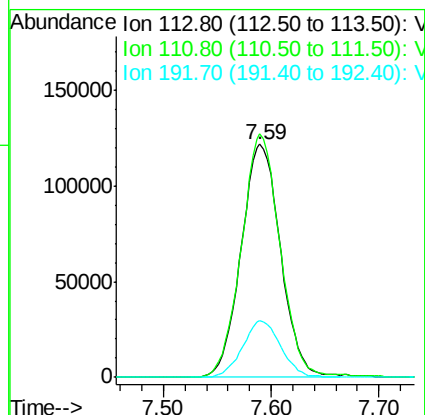
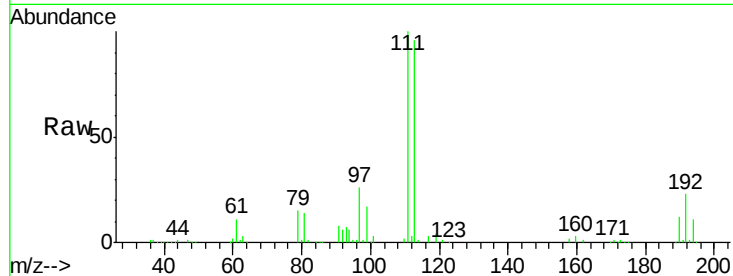




#35
 Dibromofluoromethane
 Concen: 51.647 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

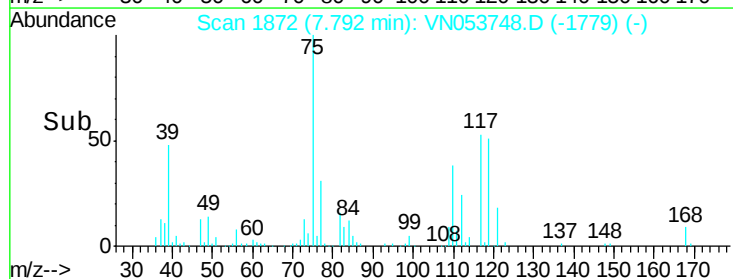
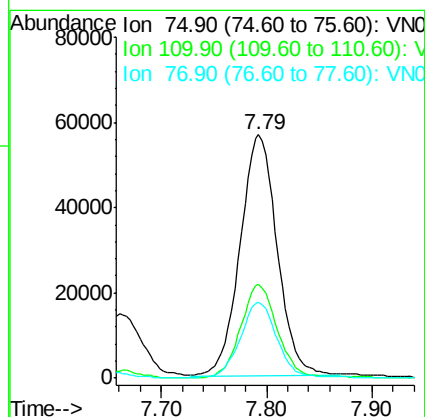
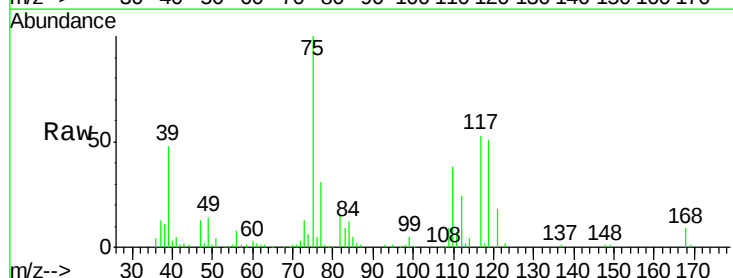
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

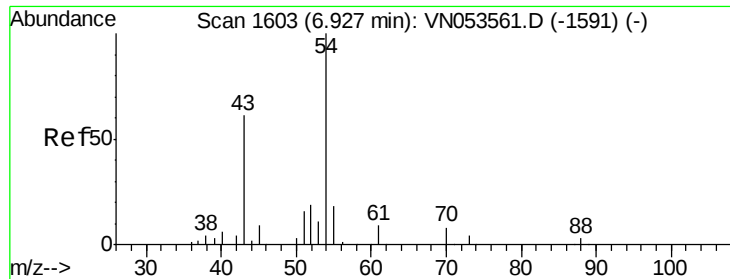
Tot Ion:113 Resp: 309818
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 23.5 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 16.143 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

Tgt Ion: 75 Resp: 138153
 Ion Ratio Lower Upper
 75 100
 110 38.9 18.1 54.3
 77 31.2 25.1 37.7

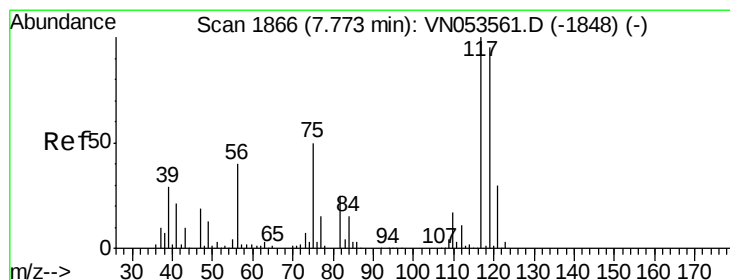
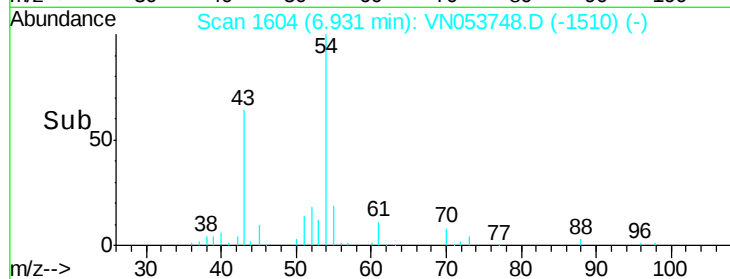
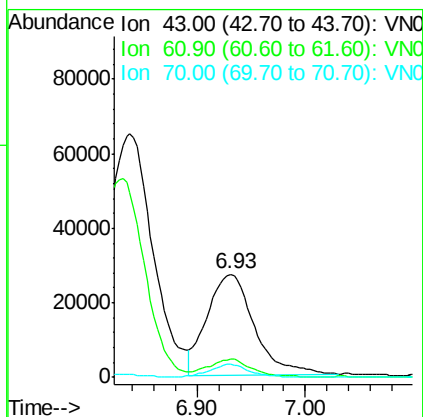
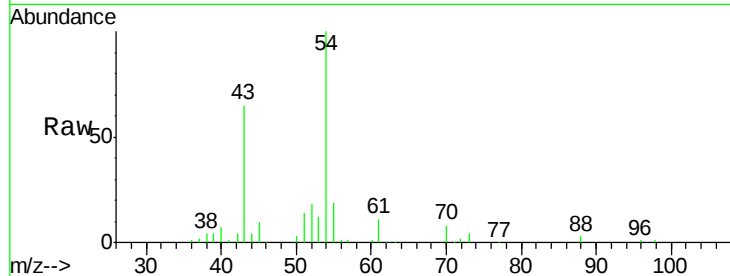




#37
Ethyl Acetate
Concen: 17.303 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

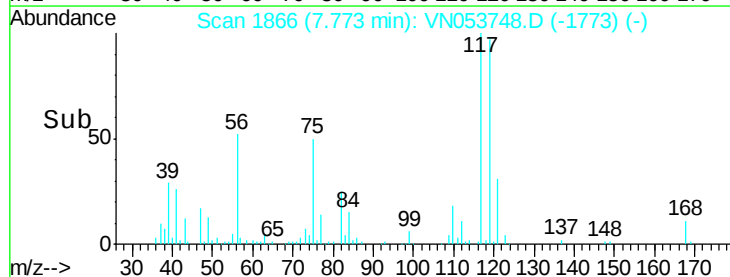
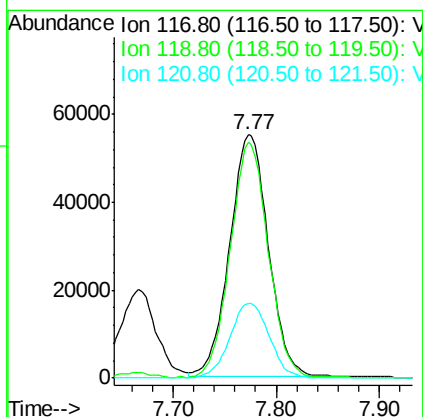
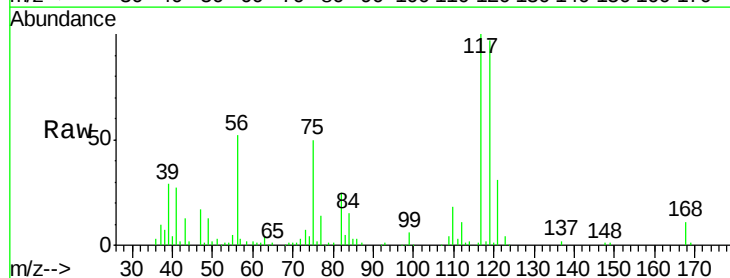
Instrument :
MSVOA_N
ClientSampled :
VN0213WBS01

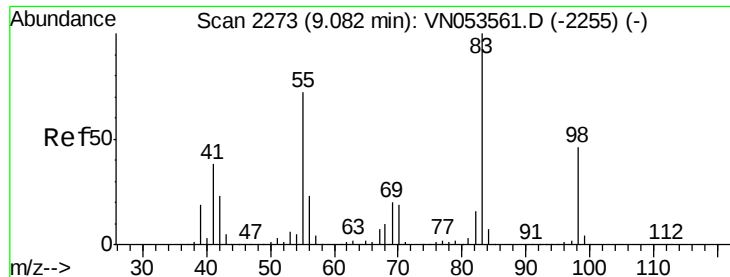
Tot Ion: 43 Resp: 82700
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.6
70 10.9 8.6 12.8



#38
Carbon Tetrachloride
Concen: 16.681 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 117 Resp: 143813
Ion Ratio Lower Upper
117 100
119 97.4 77.2 115.8
121 30.9 24.6 37.0

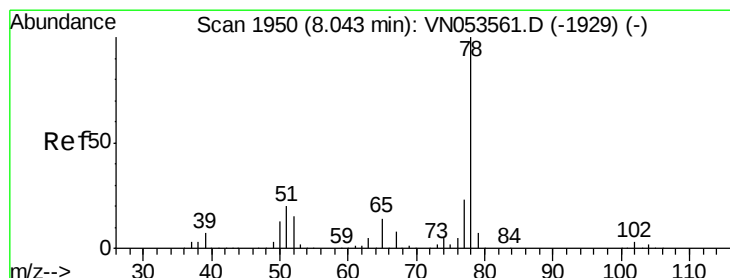
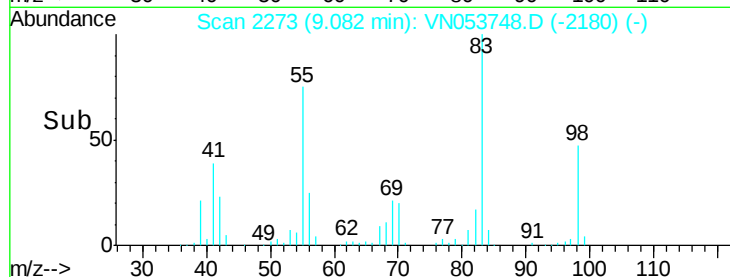
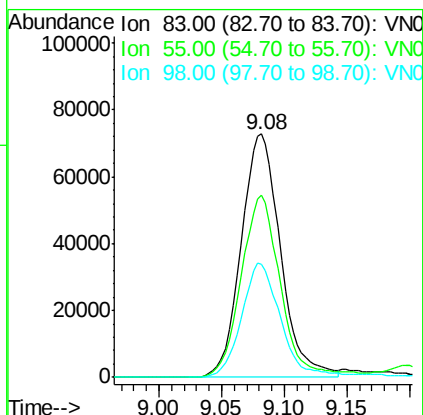
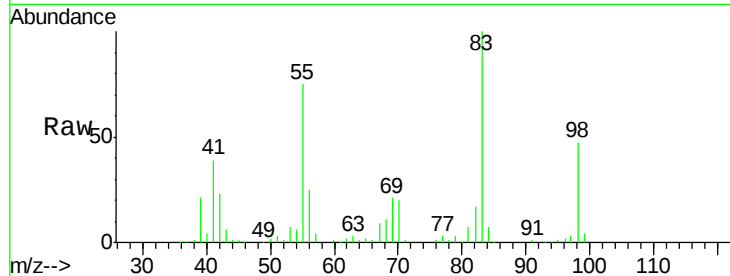




#39
Methvlcvclohexane
Concen: 15.655 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

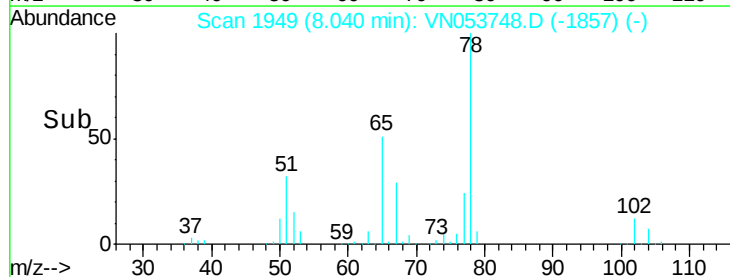
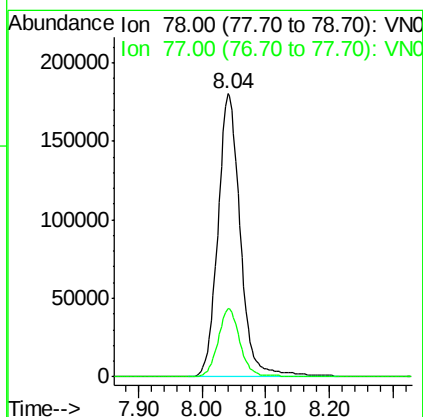
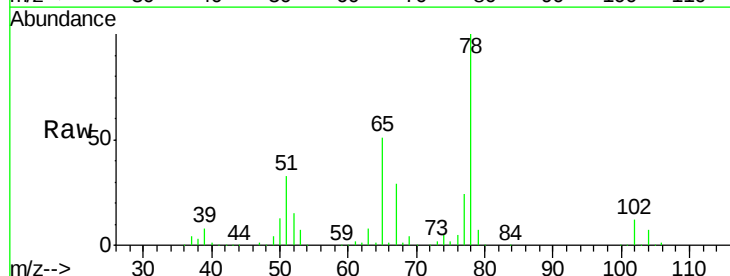
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

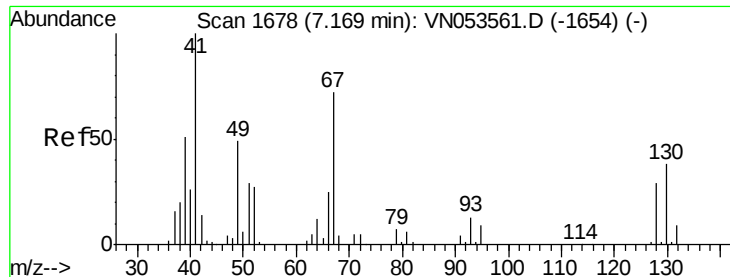
Tot Ion: 83 Resp: 158944
Ion Ratio Lower Upper
83 100
55 75.0 60.1 90.1
98 46.7 36.6 55.0



#40
Benzene
Concen: 16.699 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 78 Resp: 440698
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2

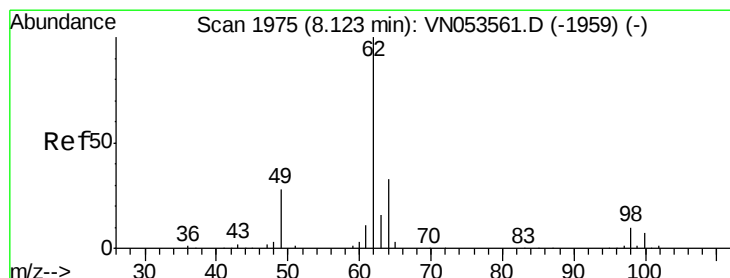
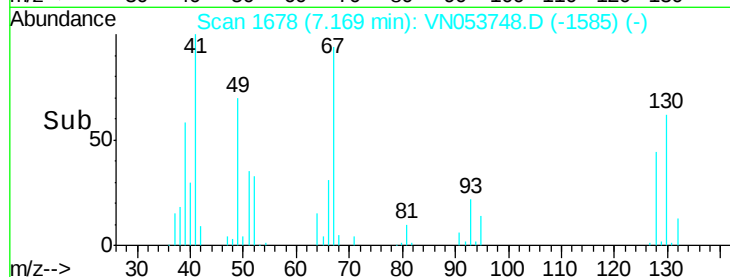
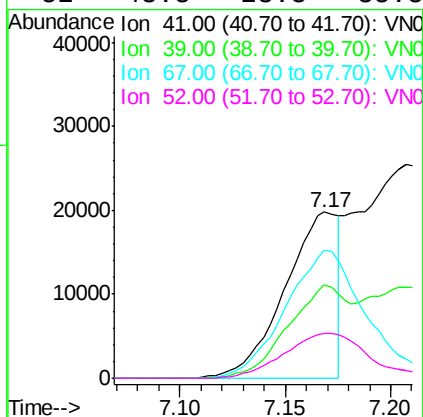
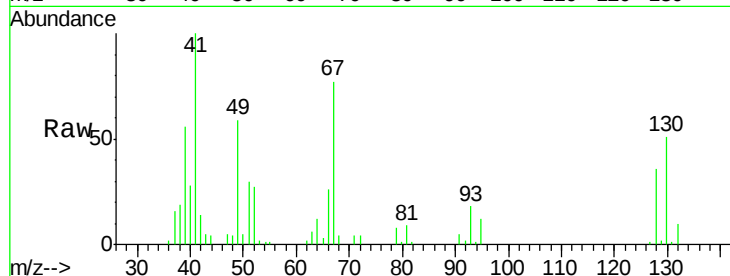




#41
Methacrylonitrile
Concen: 13.031 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

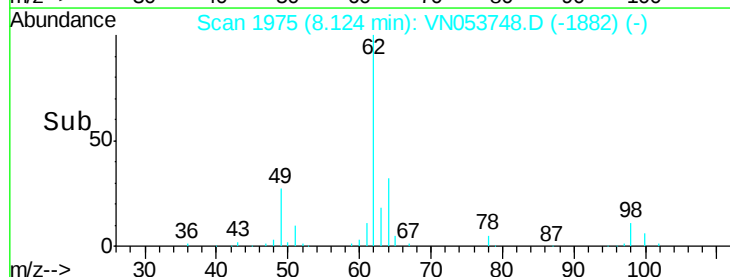
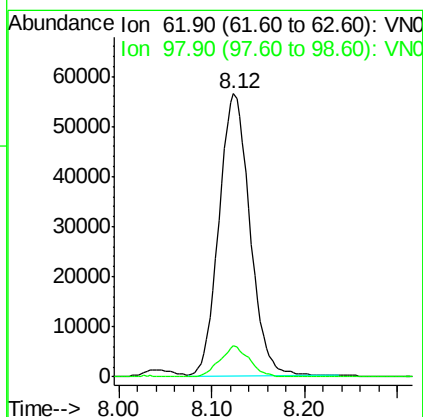
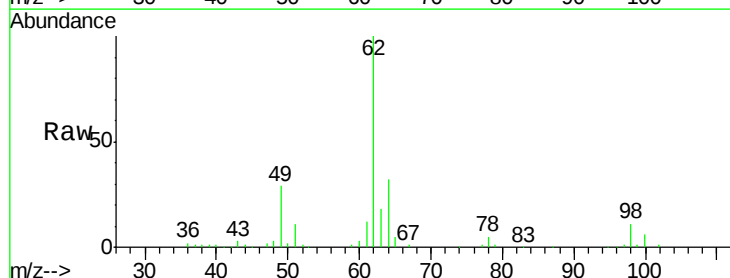
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

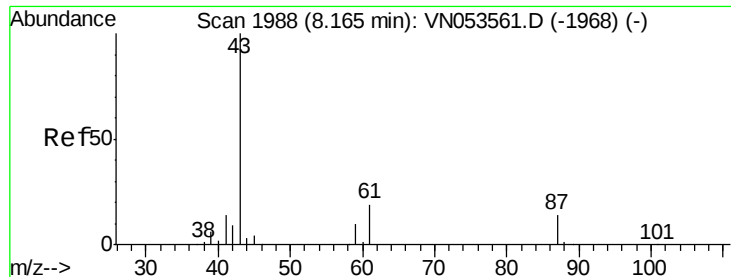
Tot Ion: 41 Resp: 34810
Ion Ratio Lower Upper
41 100
39 62.8 46.8 70.2
67 118.1 63.0 94.6#
52 43.8 23.8 35.8#



#42
1,2-Dichloroethane
Concen: 16.717 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 62 Resp: 130989
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6





#43

Isopropyl Acetate

Concen: 15.531 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

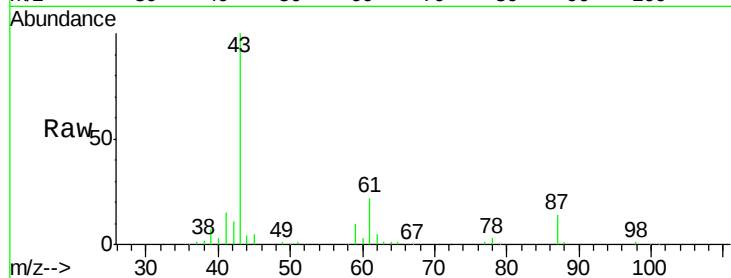
Tot Ion: 43 Resp: 143361

Ion Ratio Lower Upper

43 100

61 19.5 23.9 35.9#

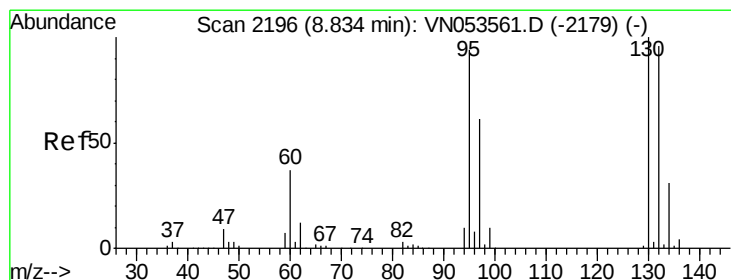
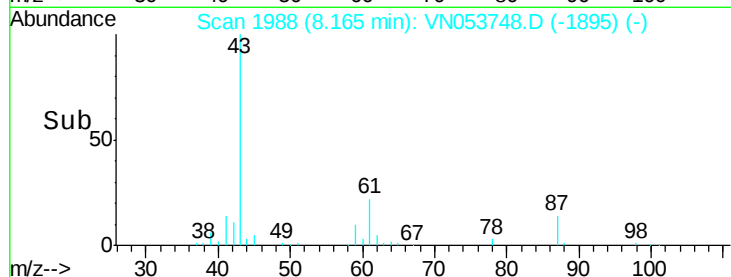
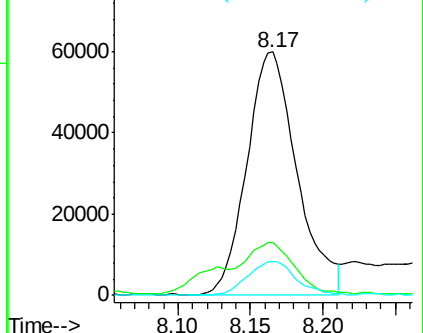
87 13.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 16.294 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053748.D

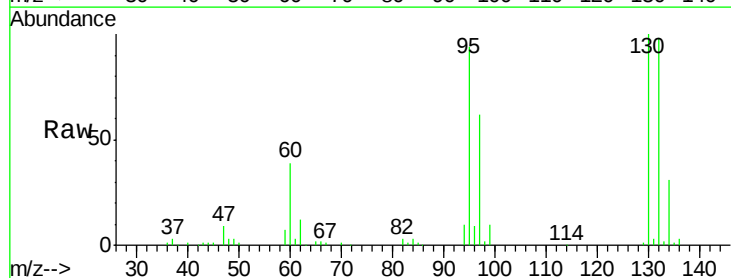
Acq: 13 Feb 2019 12:07

Tgt Ion:130 Resp: 122421

Ion Ratio Lower Upper

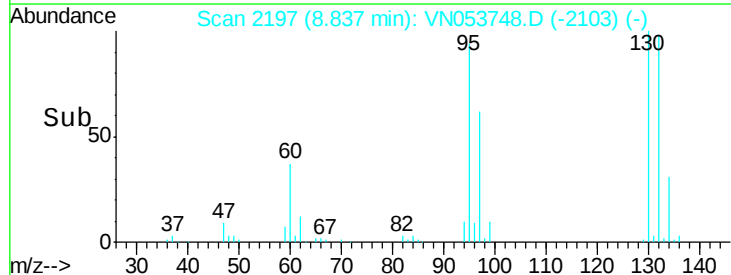
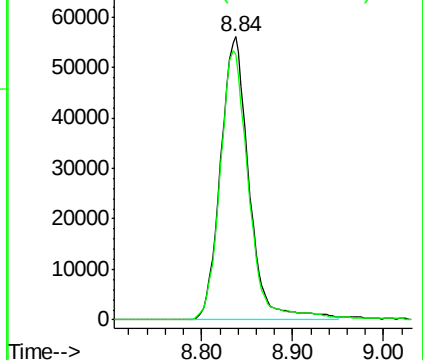
130 100

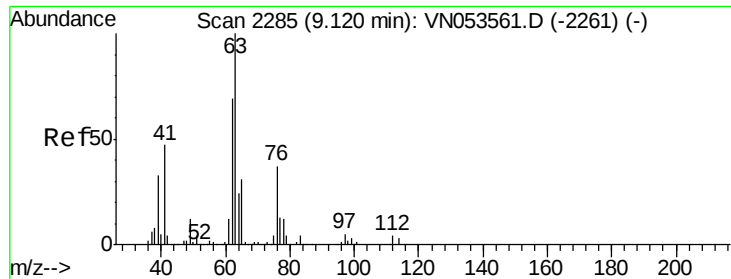
95 93.7 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 17.005 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

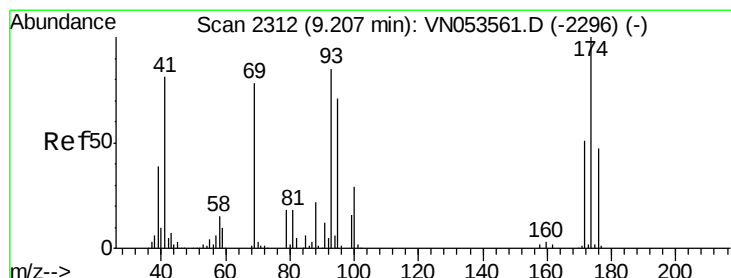
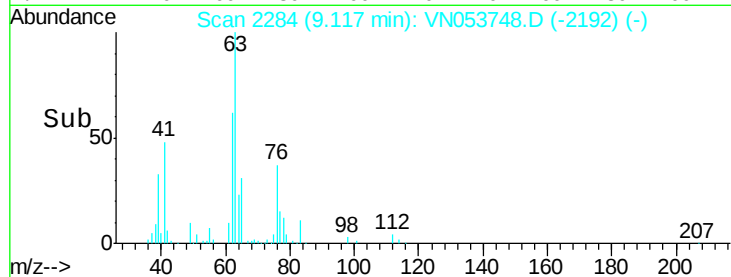
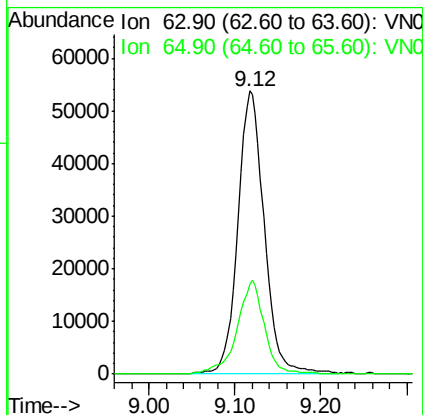
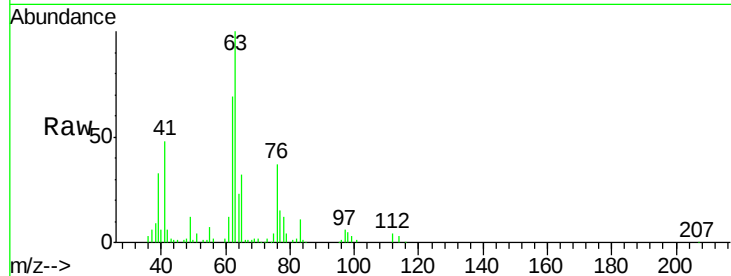
VN0213WBS01

Tot Ion: 63 Resp: 114783

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4



#46

Dibromomethane

Concen: 17.003 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

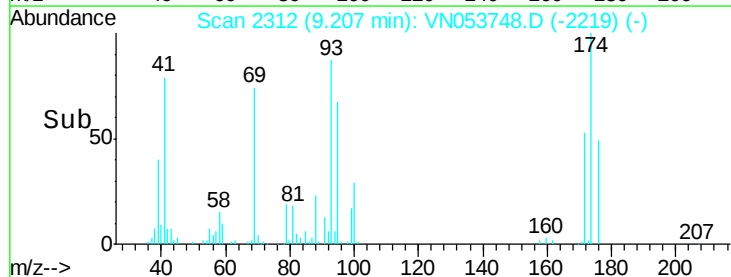
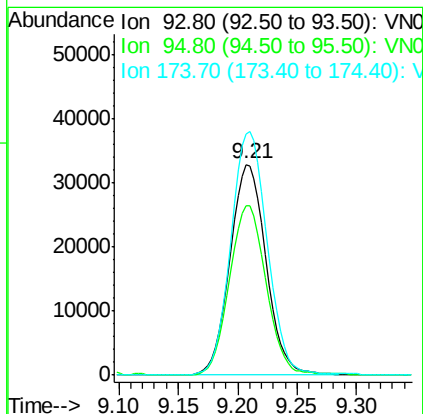
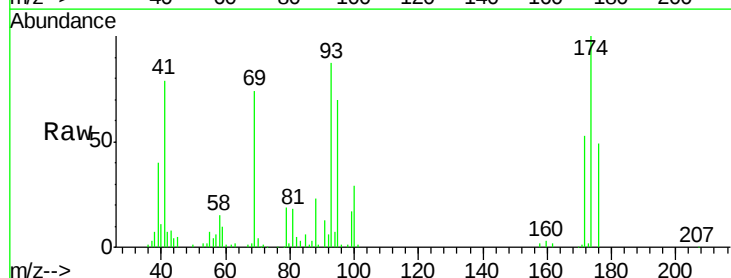
Tgt Ion: 93 Resp: 69185

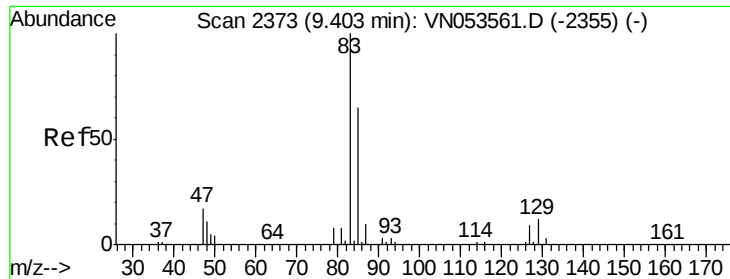
Ion Ratio Lower Upper

93 100

95 81.6 67.3 100.9

174 116.4 91.0 136.4





#47

Bromodichloromethane

Concen: 17.090 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

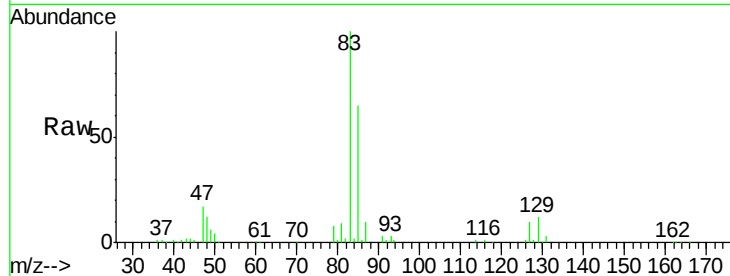
Tot Ion: 83 Resp: 144585

Ion Ratio Lower Upper

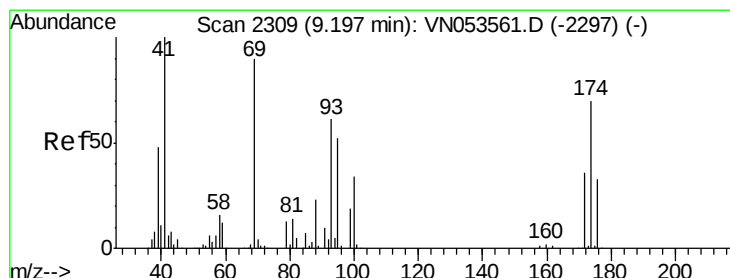
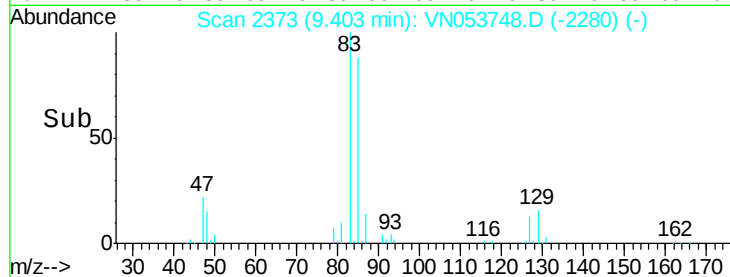
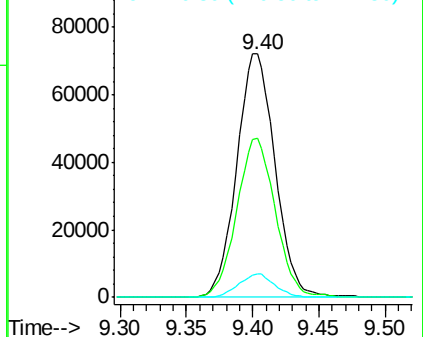
83 100

85 65.3 51.0 76.6

127 9.5 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 16.427 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

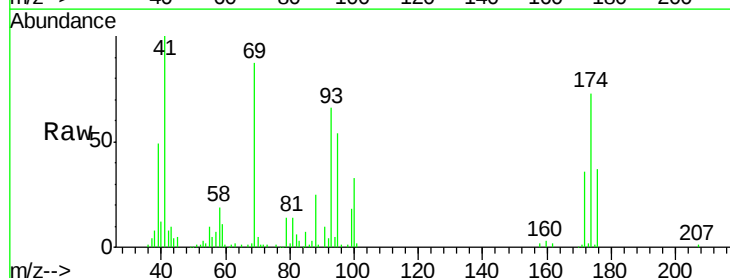
Tgt Ion: 41 Resp: 72380

Ion Ratio Lower Upper

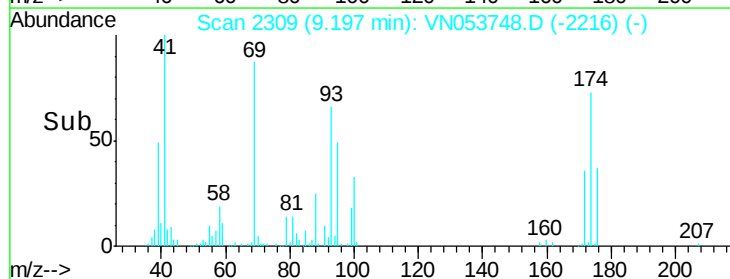
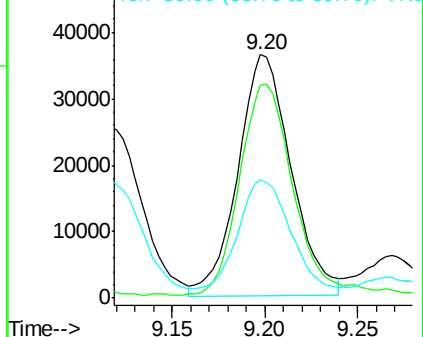
41 100

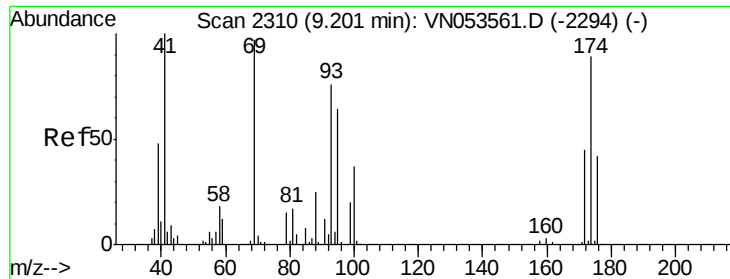
69 92.0 73.8 110.6

39 51.7 40.0 60.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

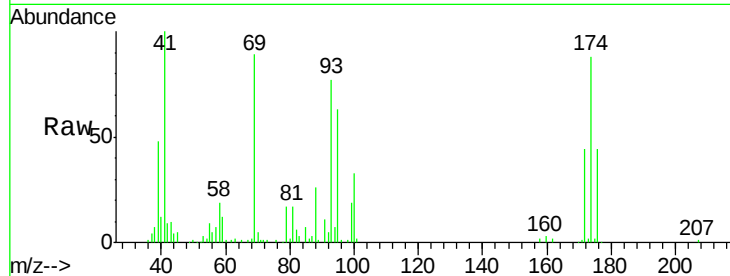




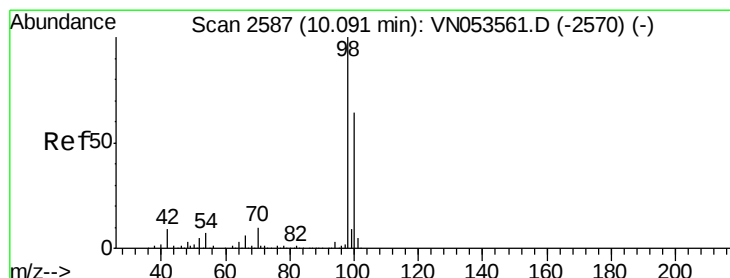
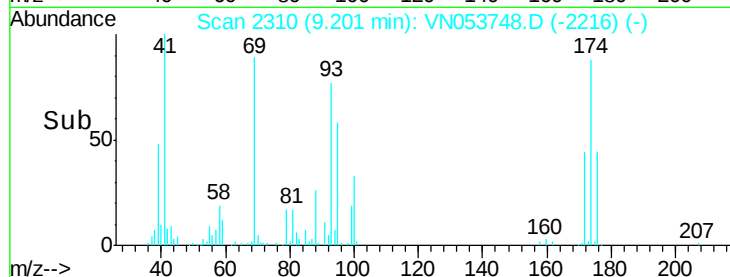
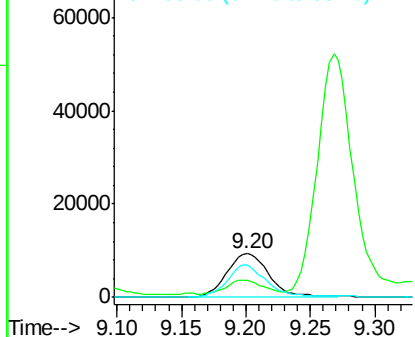
#49
1,4-Dioxane
Concen: 359.106 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion: 88 Resp: 21262
Ion Ratio Lower Upper
88 100
43 27.5 27.8 41.6#
58 68.5 56.5 84.7

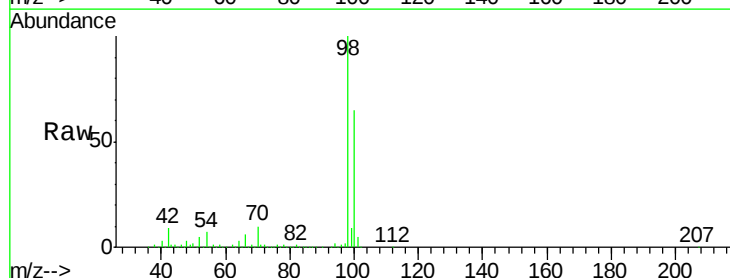


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

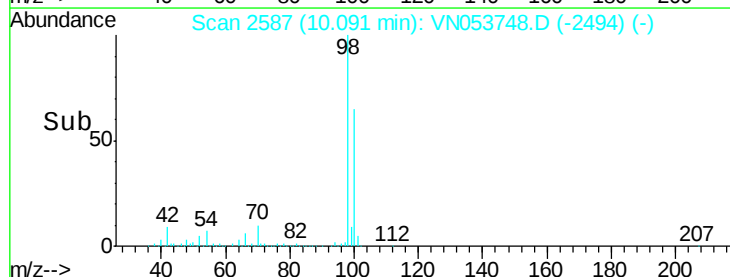
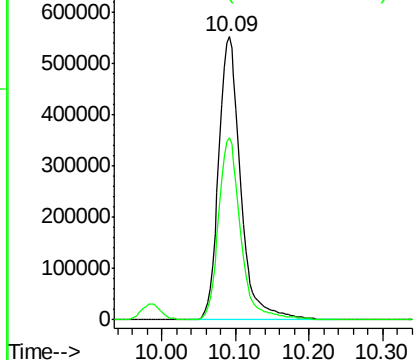


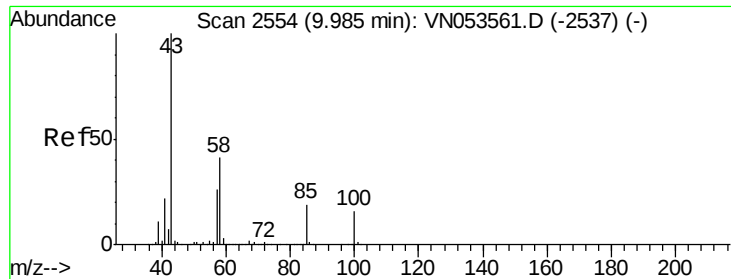
#50
Toluene-d8
Concen: 50.717 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 98 Resp: 1142356
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 83.045 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

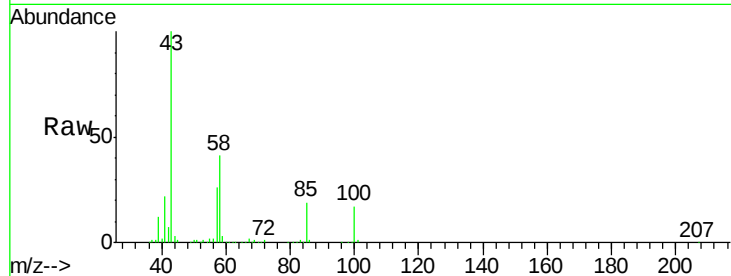
VN0213WBS01

Tot Ion: 43 Resp: 376682

Ion Ratio Lower Upper

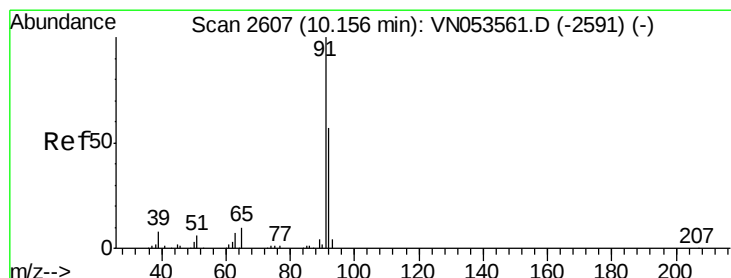
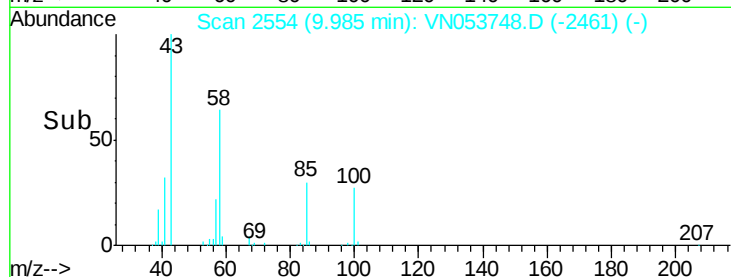
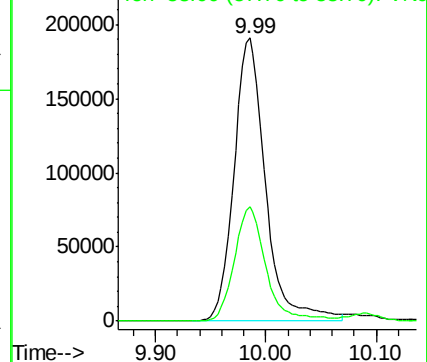
43 100

58 40.7 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 16.962 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053748.D

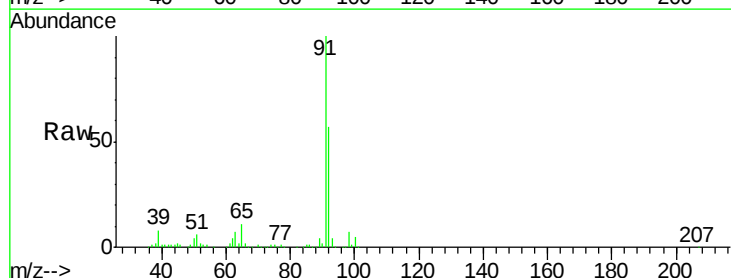
Acq: 13 Feb 2019 12:07

Tgt Ion: 92 Resp: 265661

Ion Ratio Lower Upper

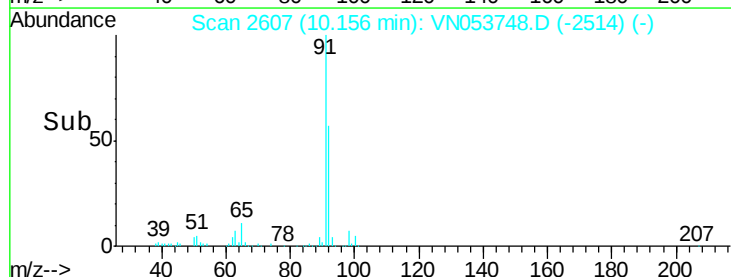
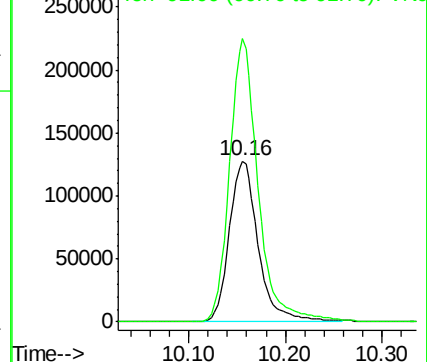
92 100

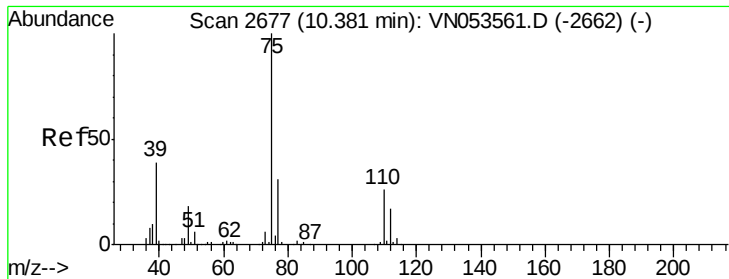
91 174.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 16.117 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

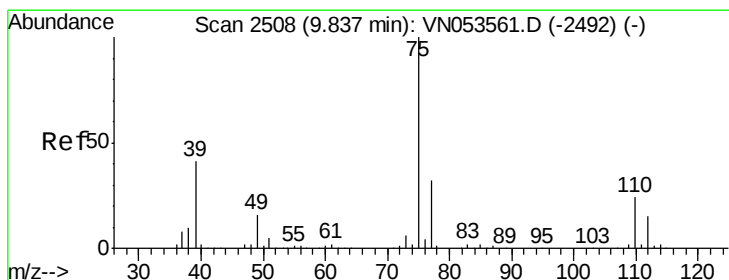
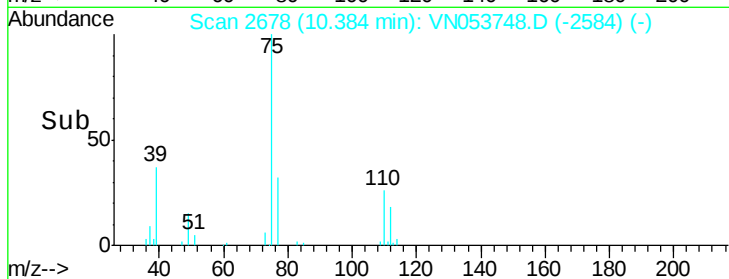
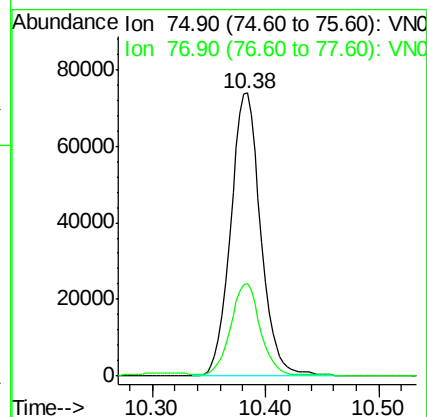
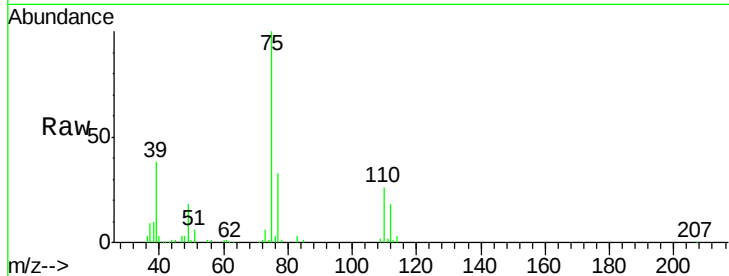
VN0213WBS01

Tot Ion: 75 Resp: 136534

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 16.464 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

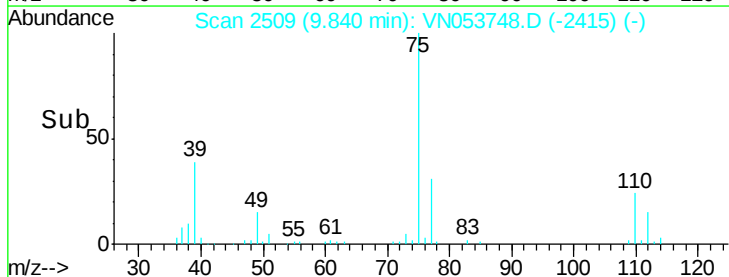
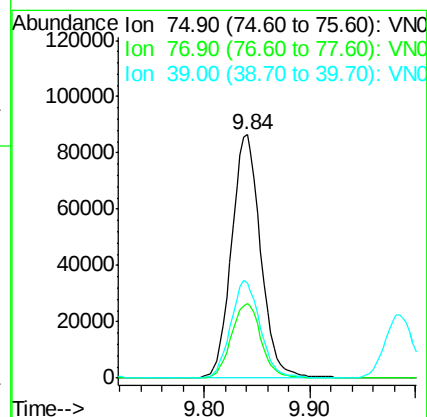
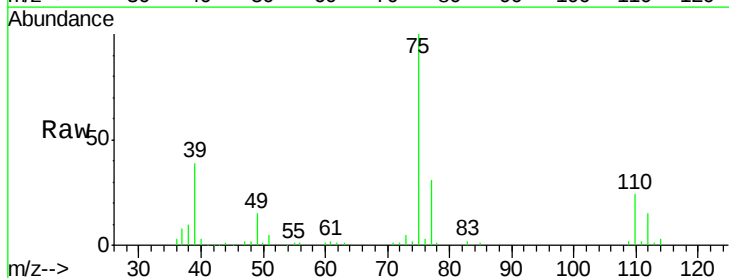
Tgt Ion: 75 Resp: 165277

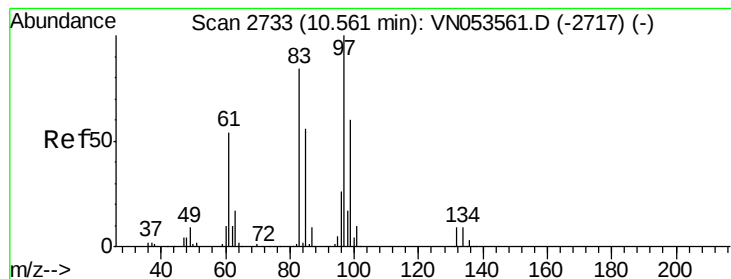
Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.6

39 39.3 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 17.702 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0213WBS01

Tot Ion: 97 Resp: 99907

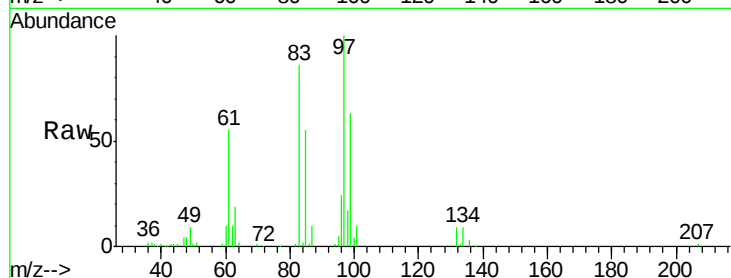
Ion Ratio Lower Upper

97 100

83 86.3 70.1 105.1

85 55.0 45.4 68.0

99 63.1 49.8 74.8

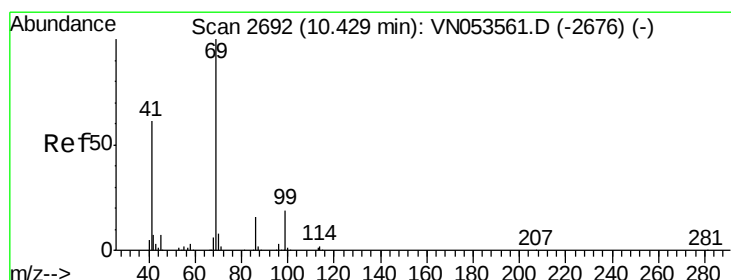
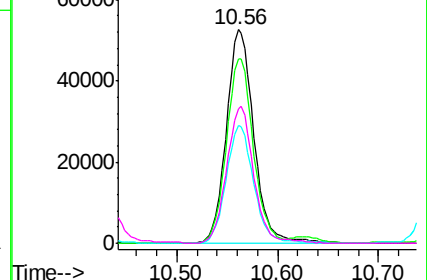
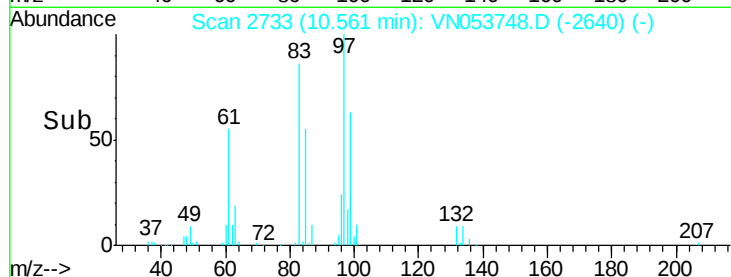


Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56

Ethyl methacrylate

Concen: 16.167 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

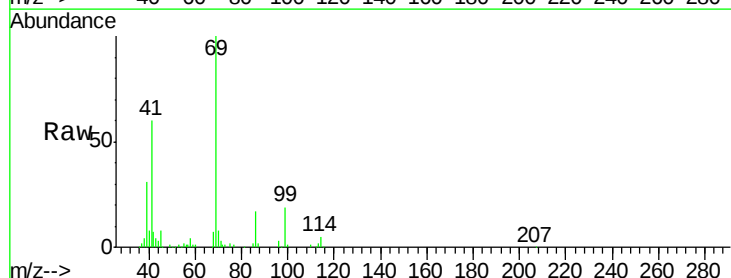
Tgt Ion: 69 Resp: 107943

Ion Ratio Lower Upper

69 100

41 58.6 49.4 74.0

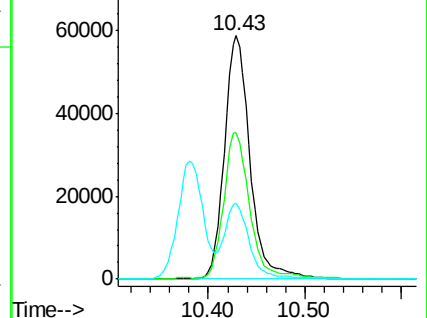
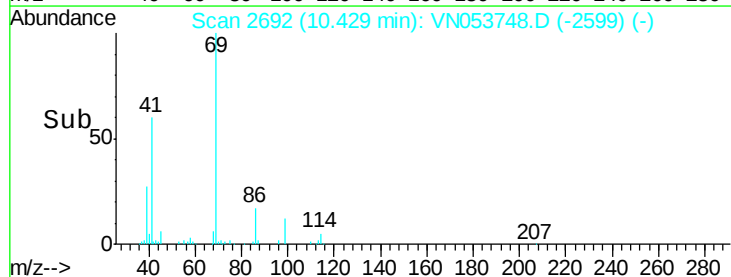
39 30.8 23.3 34.9

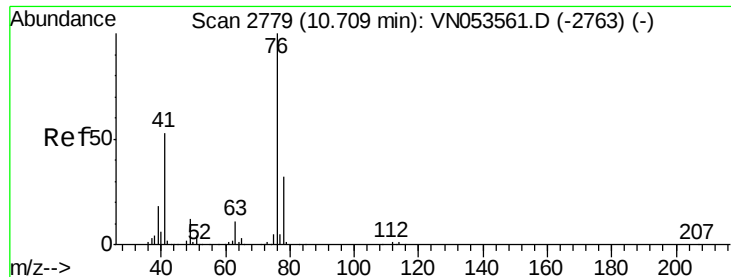


Abundance Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

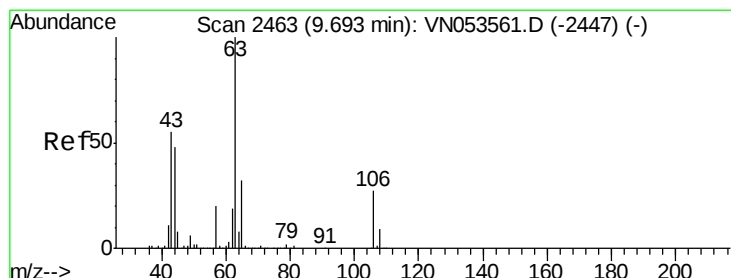
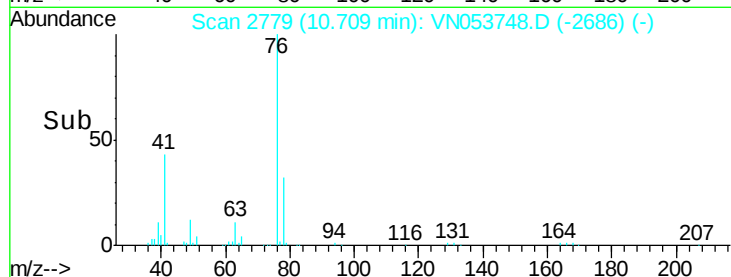
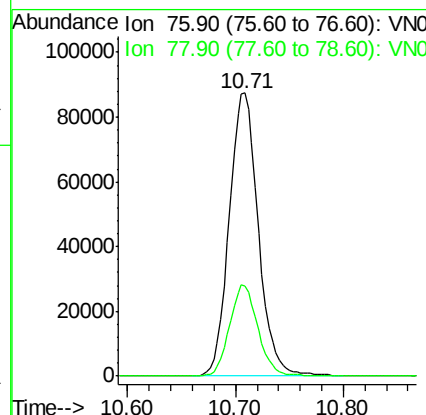
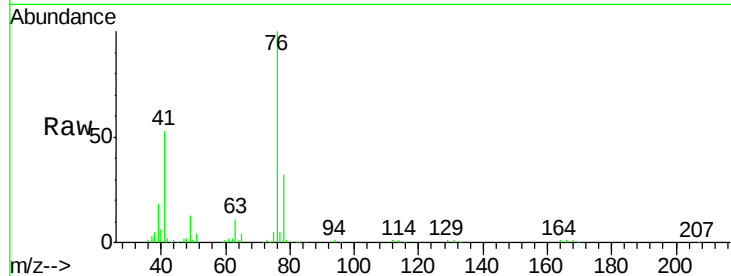




#57
 1,3-Dichloropropane
 Concen: 17.042 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

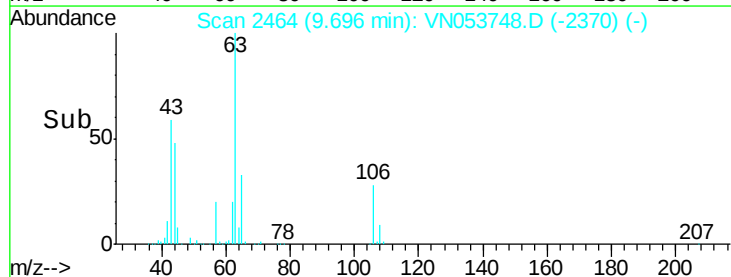
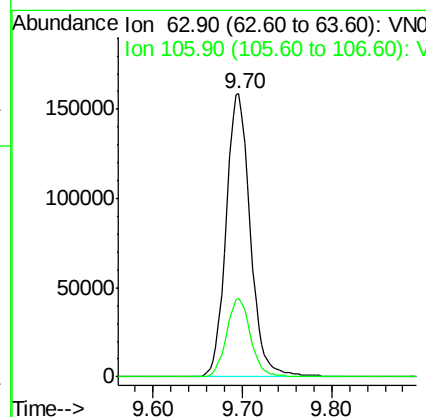
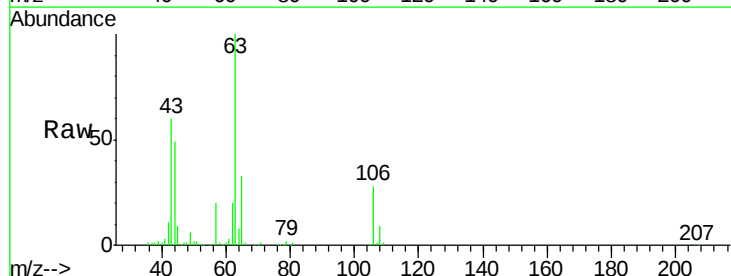
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

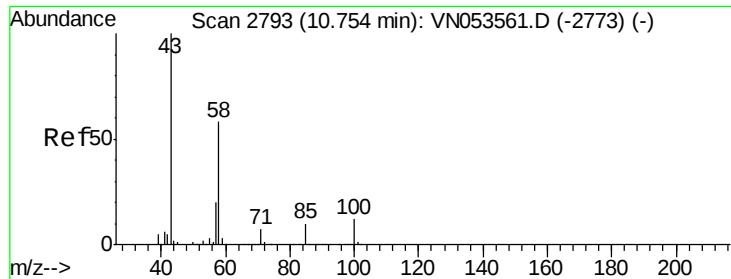
Tot Ion: 76 Resp: 164379
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 77.935 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

Tgt Ion: 63 Resp: 299128
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.5 32.3

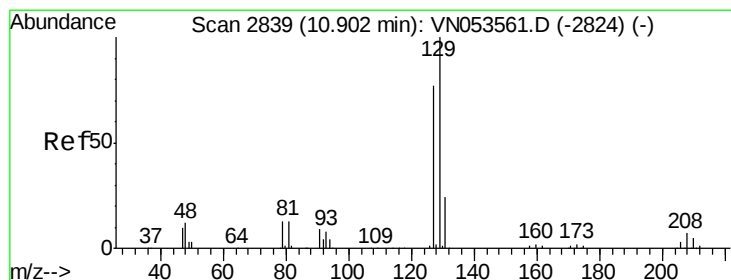
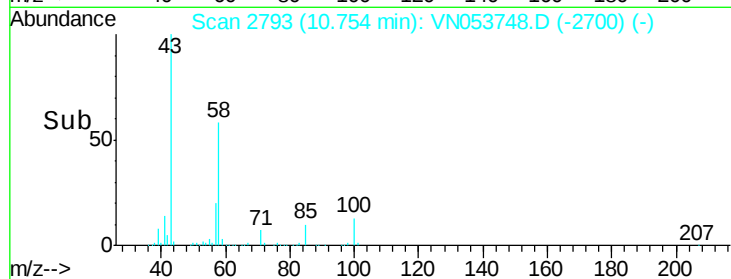
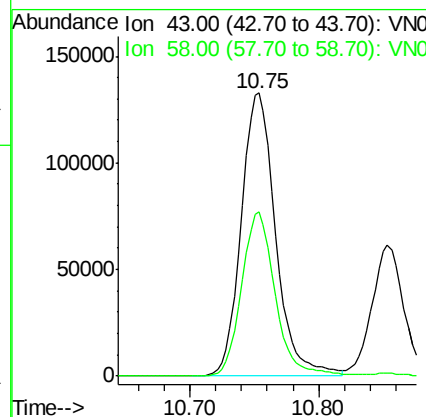
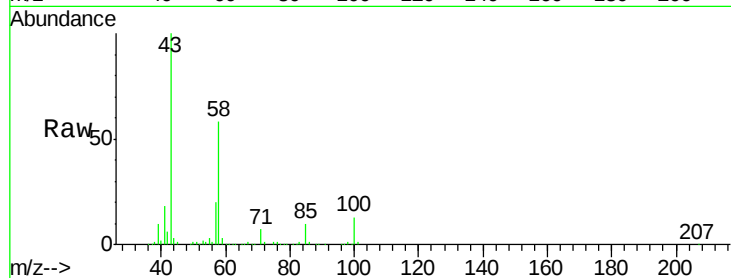




#59
2-Hexanone
Concen: 79.610 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

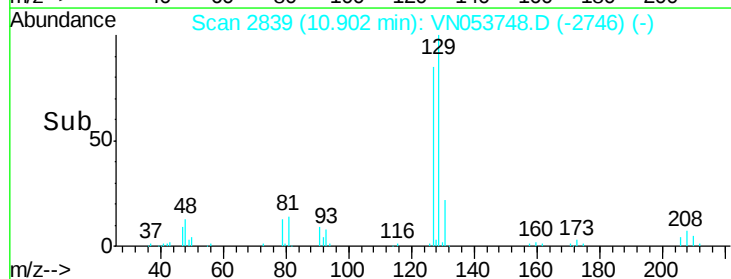
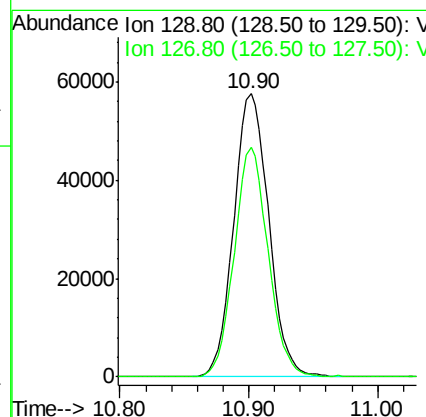
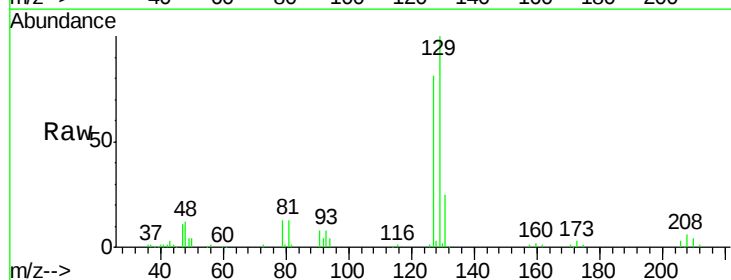
Instrument :
MSVOA_N
ClientSampled :
VN0213WBS01

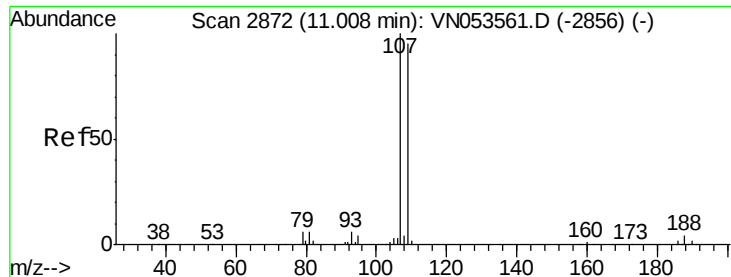
Tot Ion: 43 Resp: 245142
Ion Ratio Lower Upper
43 100
58 57.0 28.6 85.8



#60
Dibromochloromethane
Concen: 17.077 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 129 Resp: 108683
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 16.571 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

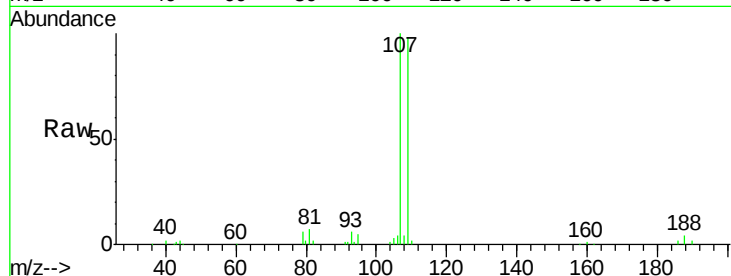
VN0213WBS01

Tot Ion:107 Resp: 92566

Ion Ratio Lower Upper

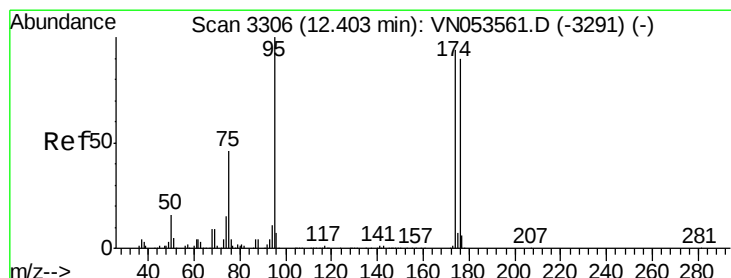
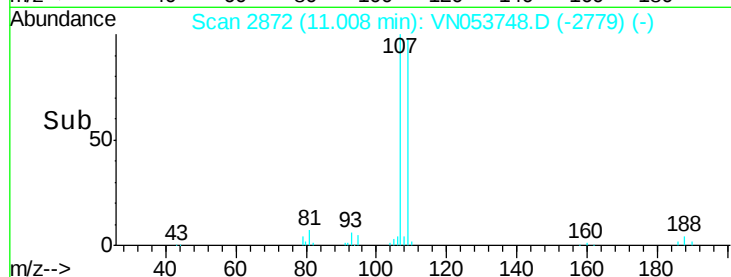
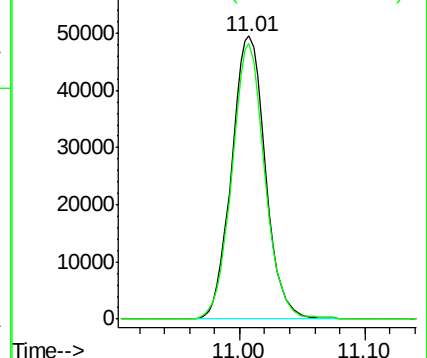
107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.967 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

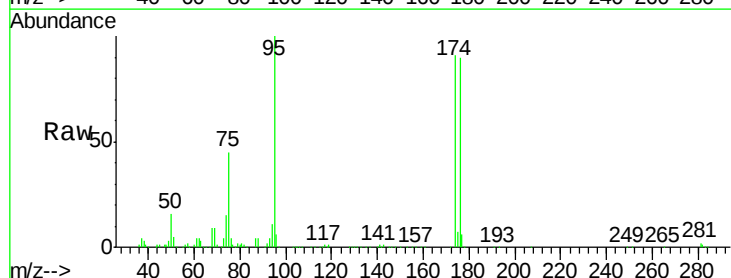
Tgt Ion: 95 Resp: 382873

Ion Ratio Lower Upper

95 100

174 93.5 0.0 183.2

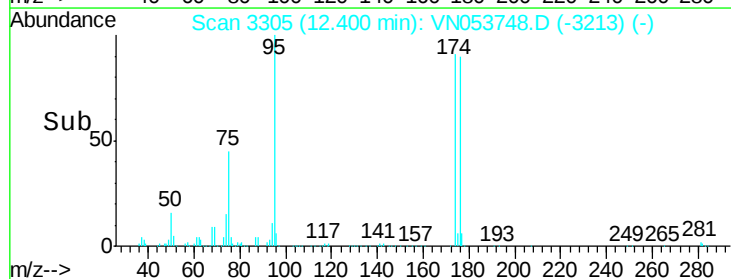
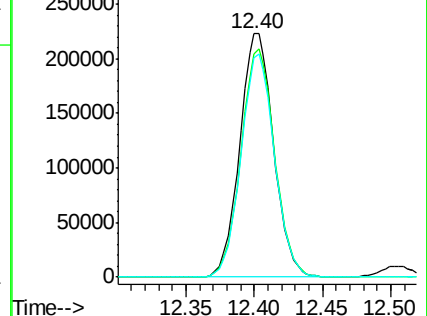
176 90.8 0.0 177.4

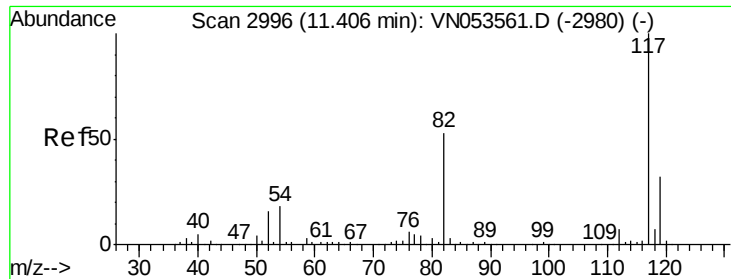


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

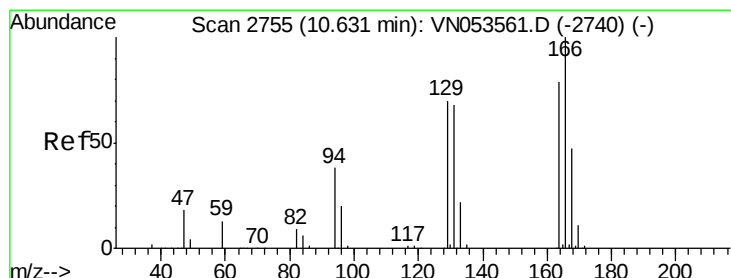
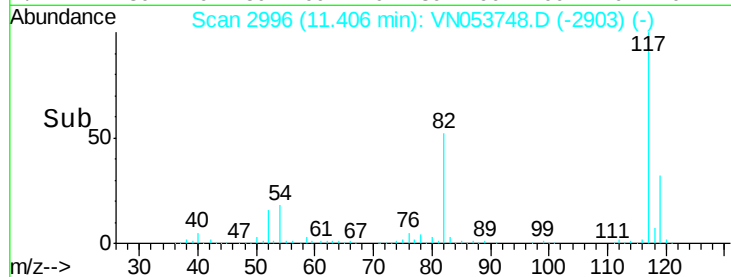
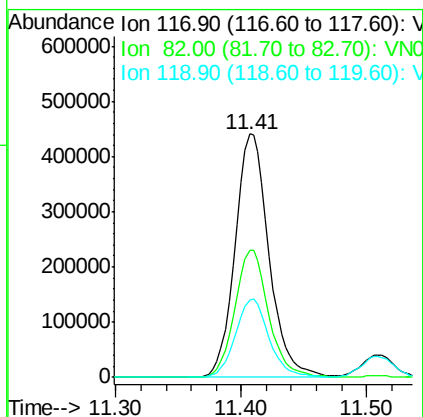
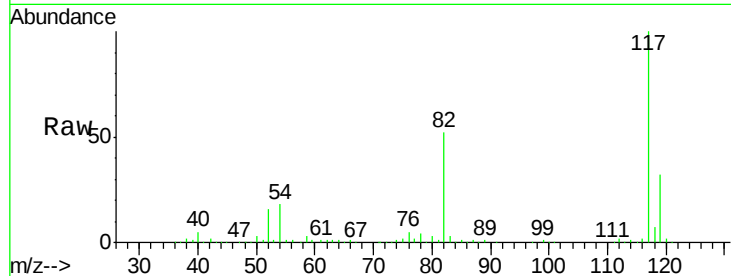




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

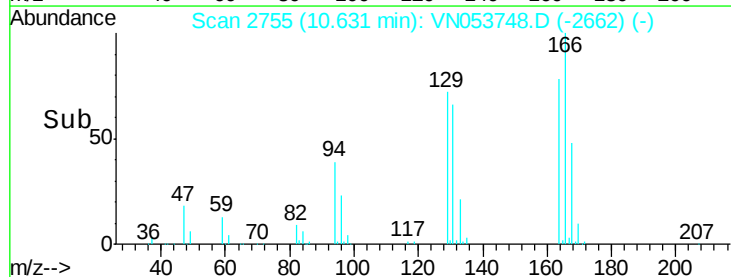
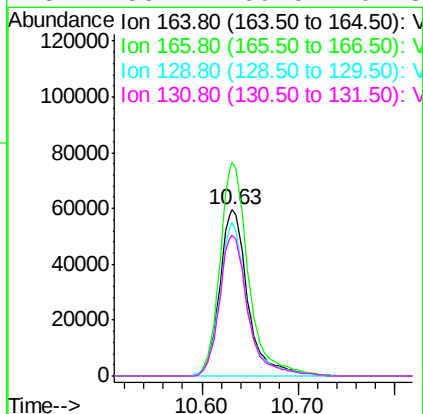
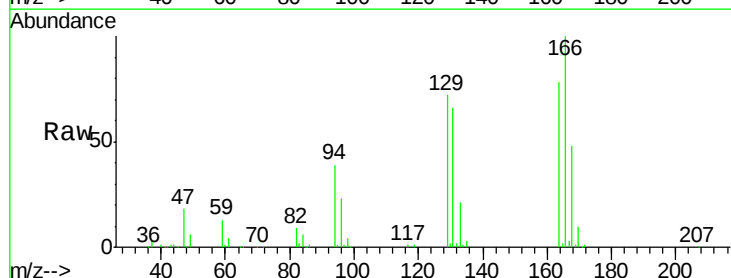
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

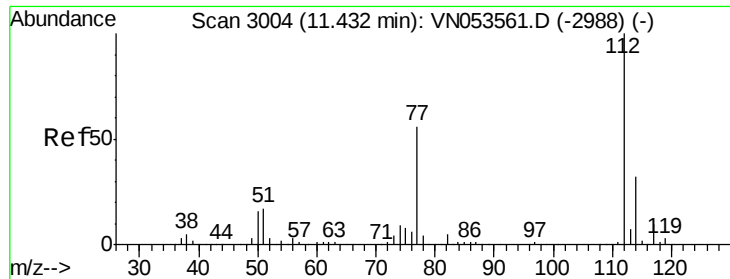
Tot Ion:117 Resp: 827296
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 16.963 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion:164 Resp: 120299
Ion Ratio Lower Upper
164 100
166 128.7 102.2 153.4
129 92.3 72.6 109.0
131 85.1 69.5 104.3

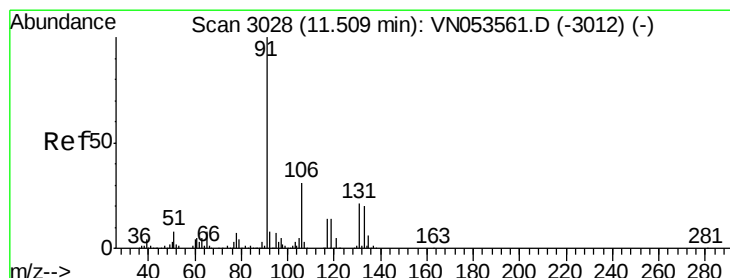
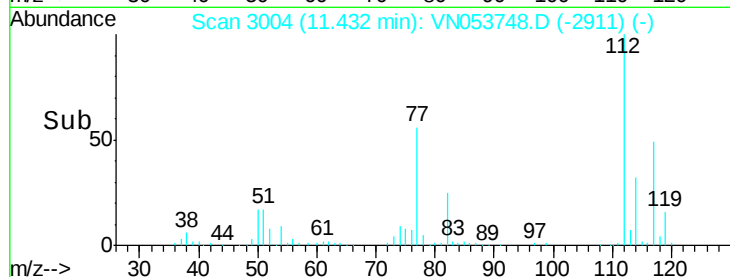
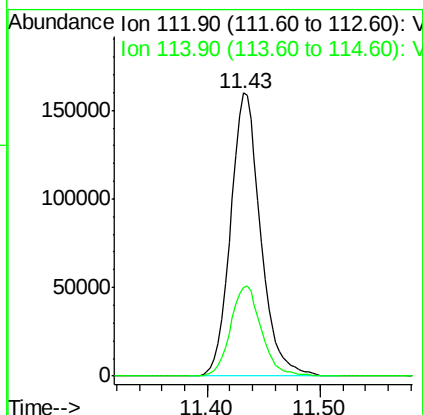
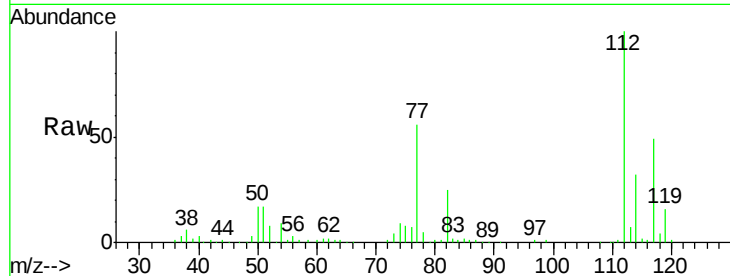




#65
Chlorobenzene
Concen: 16.764 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

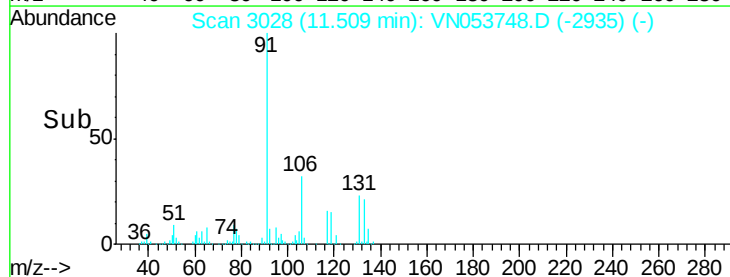
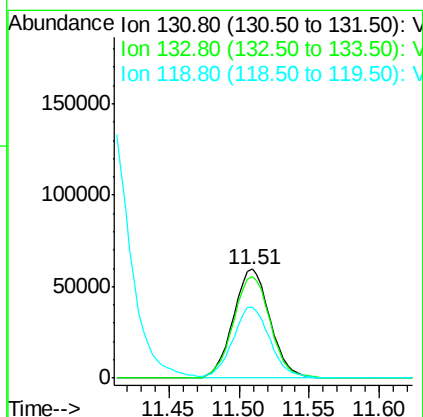
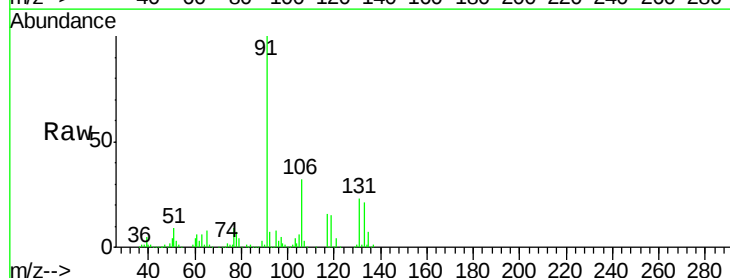
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

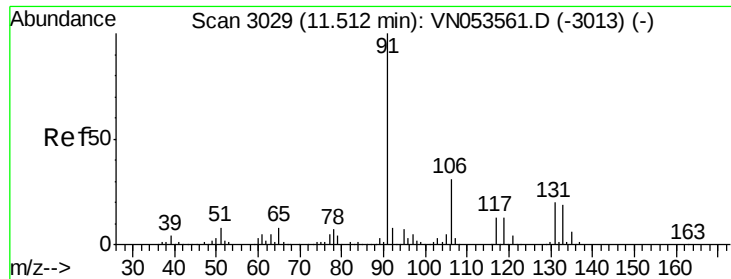
Tot Ion:112 Resp: 294591
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.719 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion:131 Resp: 108743
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 65.6 33.5 100.5

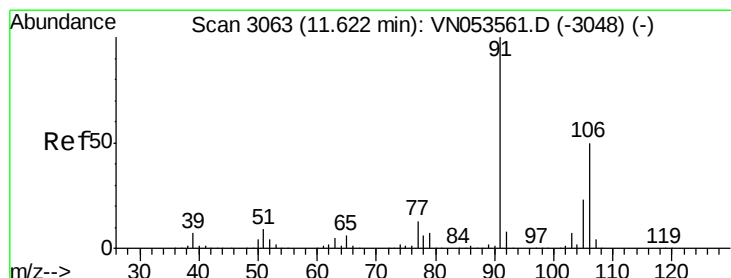
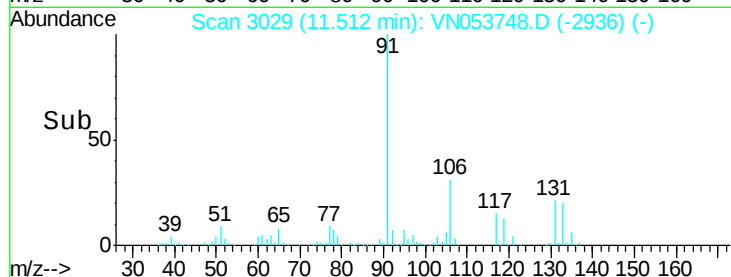
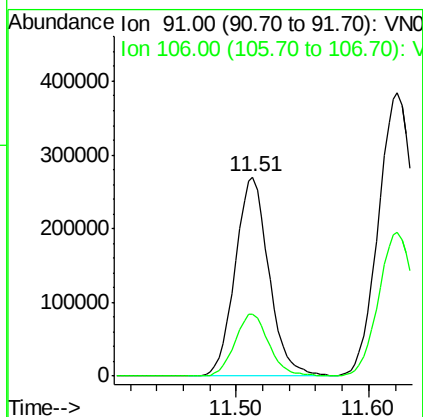
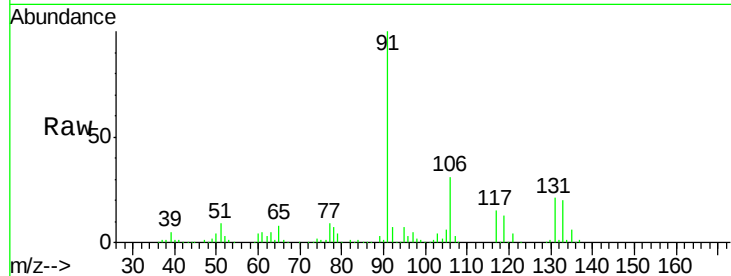




#67
Ethyl Benzene
Concen: 16.542 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

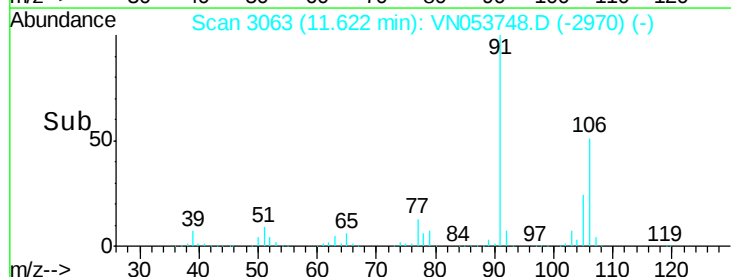
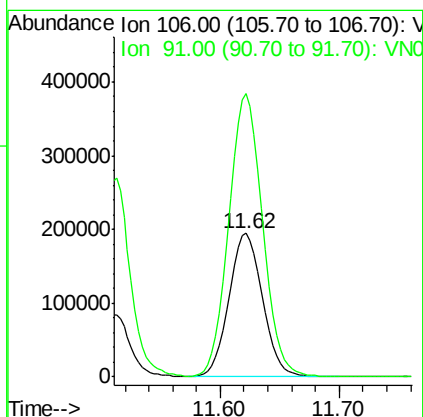
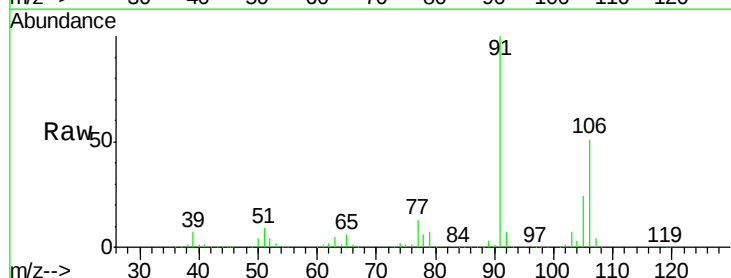
Instrument :
MSVOA_N
ClientSampled :
VN0213WBS01

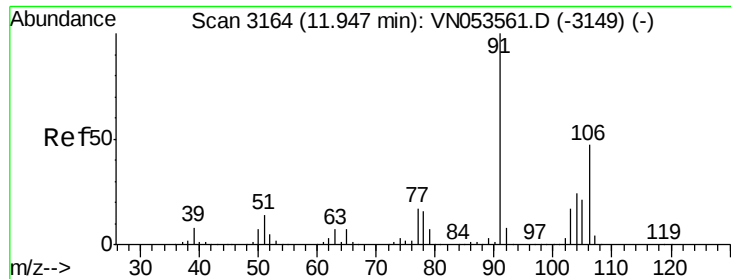
Tot Ion: 91 Resp: 477495
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 34.561 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 106 Resp: 380770
Ion Ratio Lower Upper
106 100
91 198.0 161.4 242.2

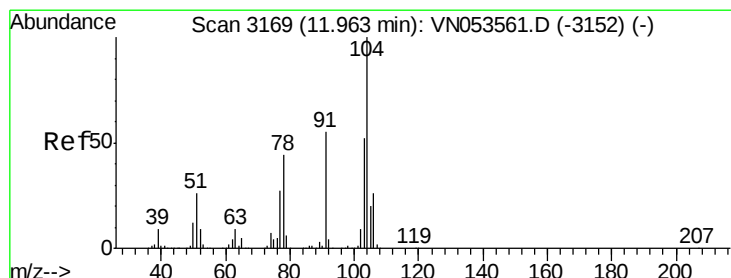
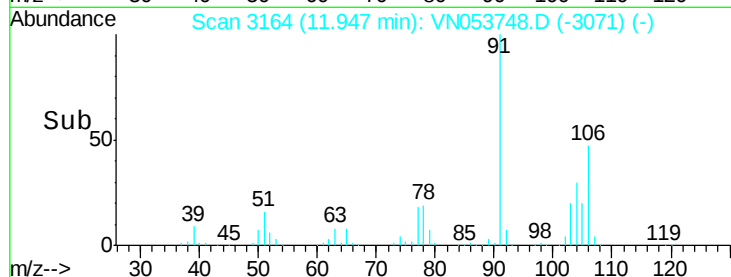
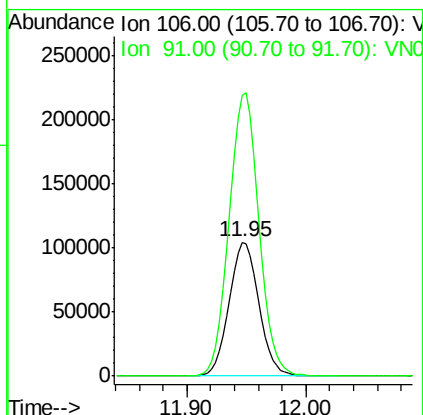
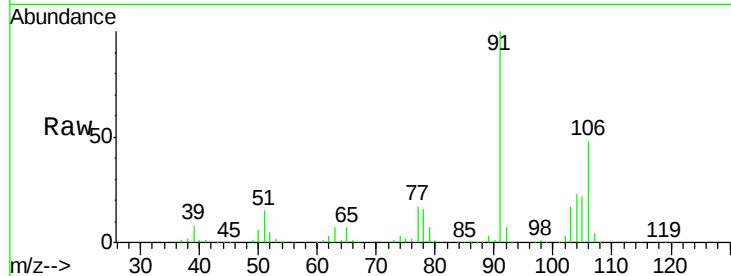




#69
o-Xylene
Concen: 17.055 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

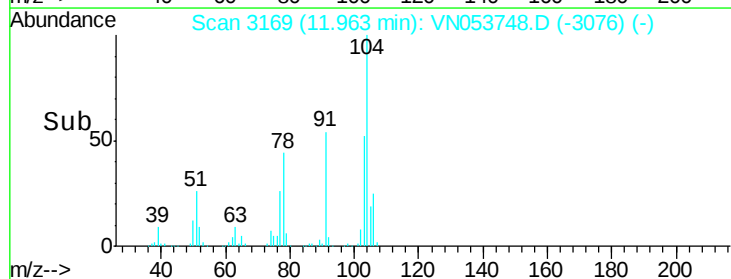
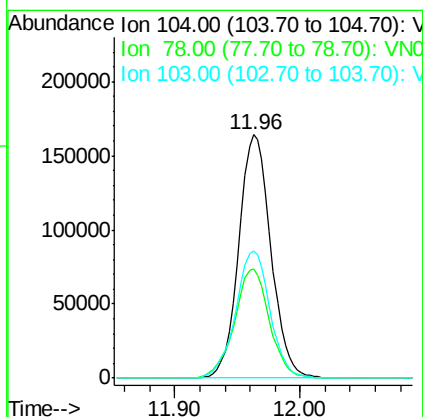
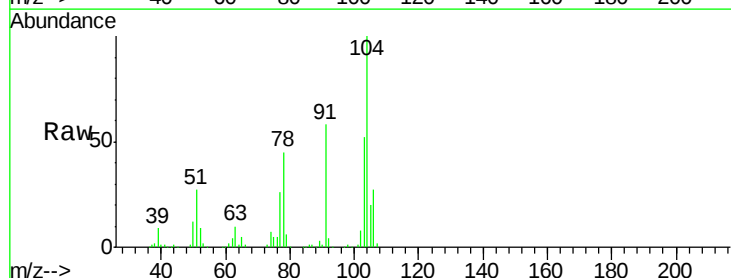
Instrument :
MSVOA_N
ClientSampled :
VN0213WBS01

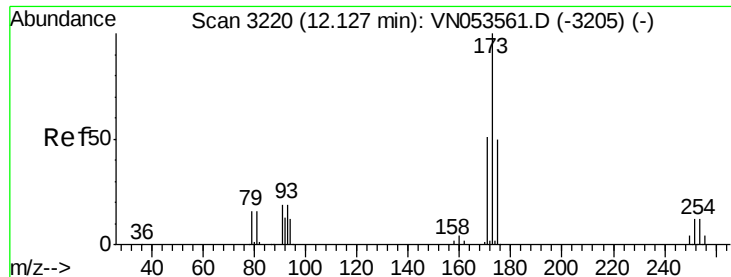
Tot Ion:106 Resp: 181533
Ion Ratio Lower Upper
106 100
91 212.3 106.9 320.8



#70
Styrene
Concen: 16.944 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion:104 Resp: 292319
Ion Ratio Lower Upper
104 100
78 48.8 38.2 57.2
103 56.0 44.4 66.6

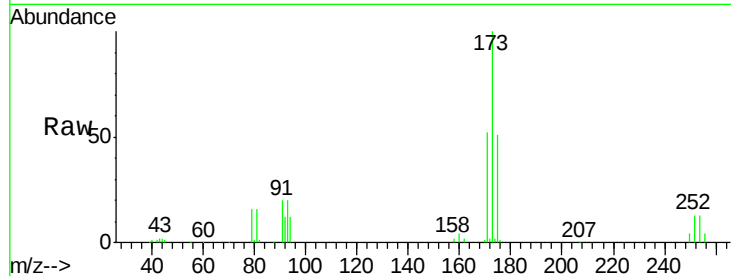




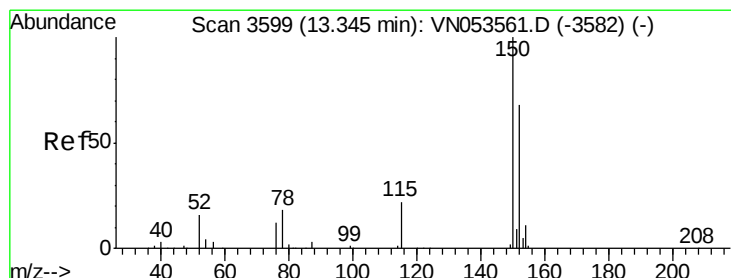
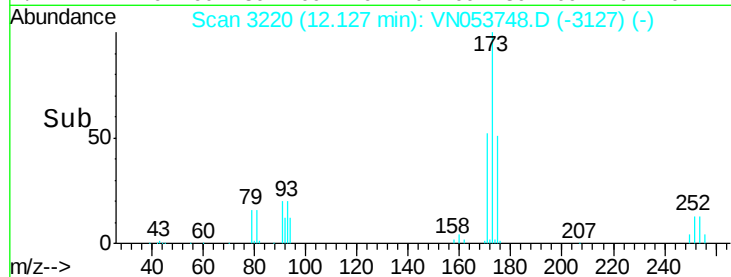
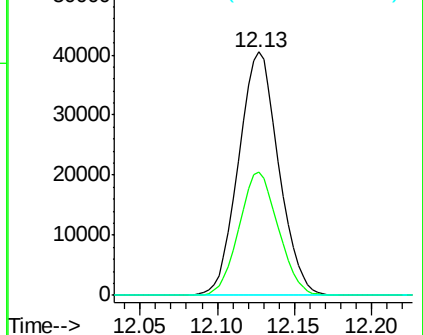
#71
Bromoform
Concen: 17.369 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampled :
VN0213WBS01

Tot Ion:173 Resp: 73080
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.2 0.2#

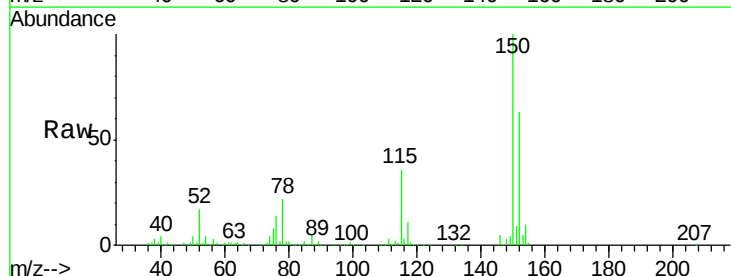


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

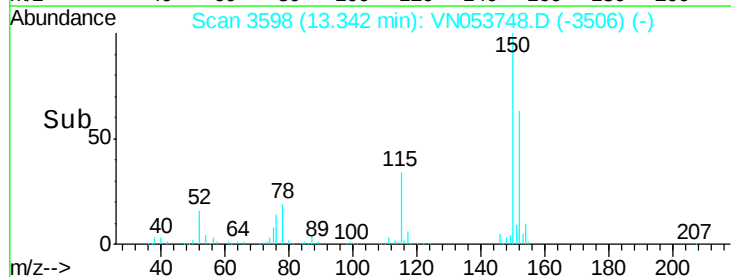
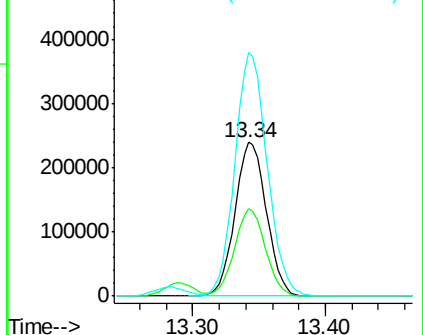


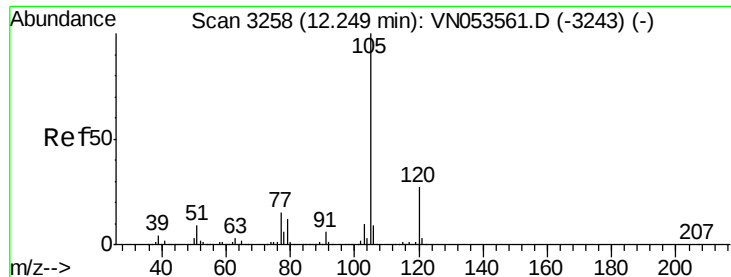
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion:152 Resp: 393963
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.4
150 162.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.630 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

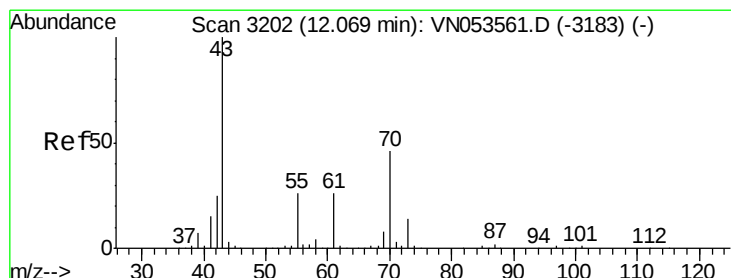
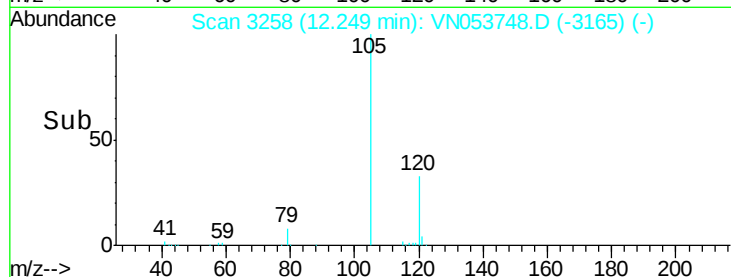
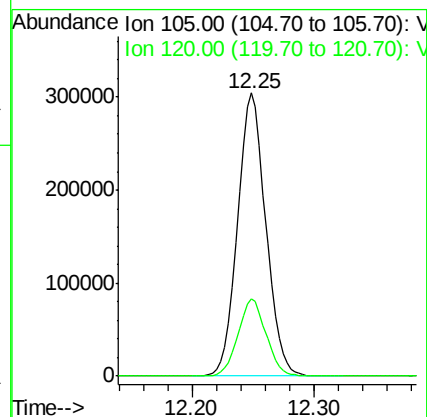
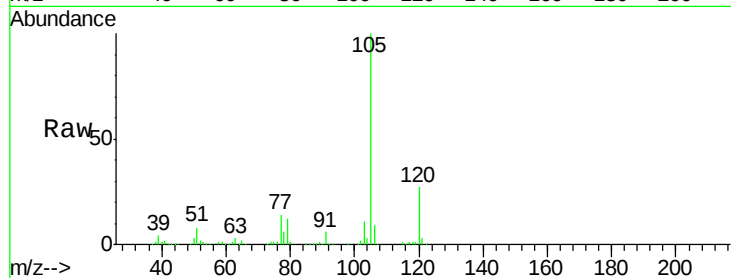
VN0213WBS01

Tot Ion:105 Resp: 488263

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 16.293 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Tgt Ion: 43 Resp: 108504

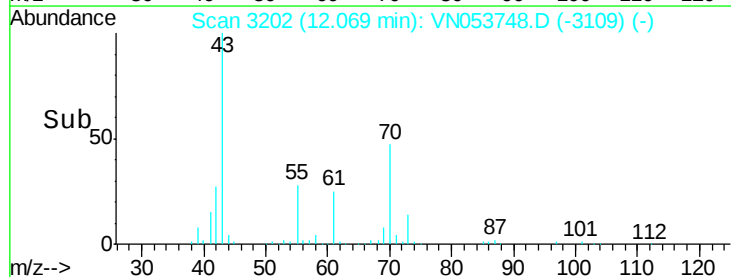
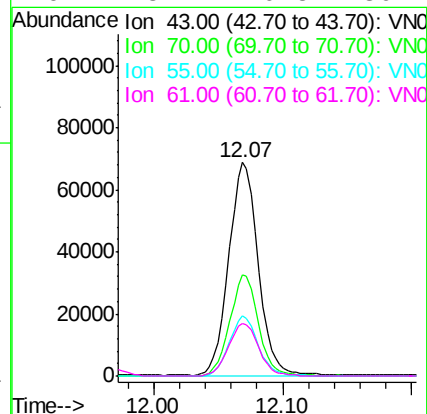
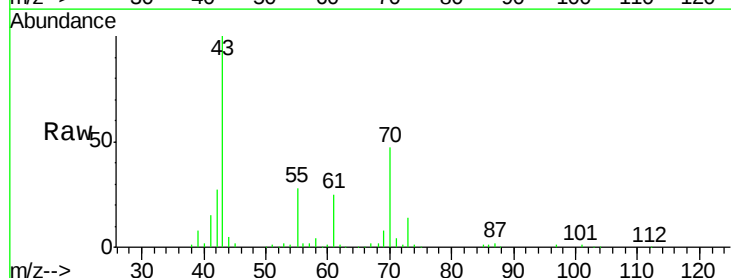
Ion Ratio Lower Upper

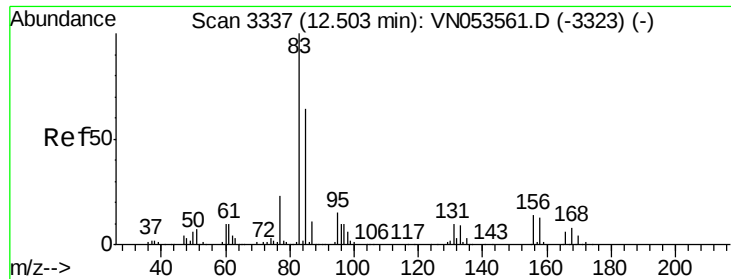
43 100

70 46.3 35.4 53.2

55 28.0 20.9 31.3

61 25.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.053 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

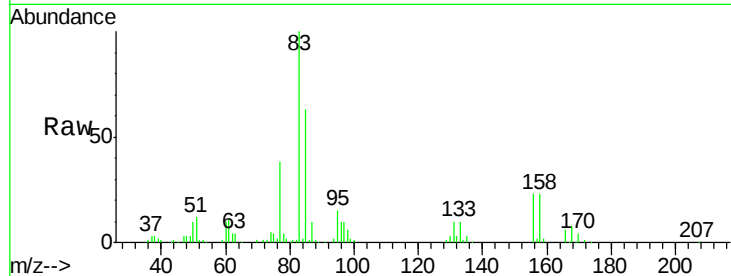
Tot Ion: 83 Resp: 113027

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.8

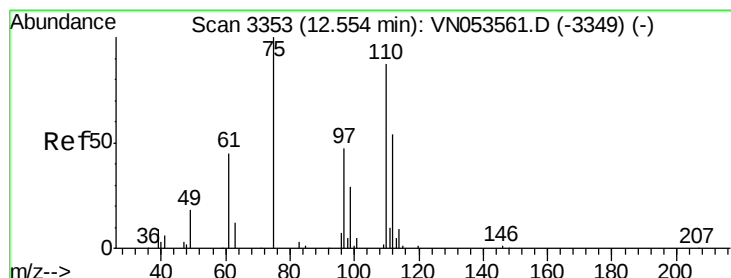
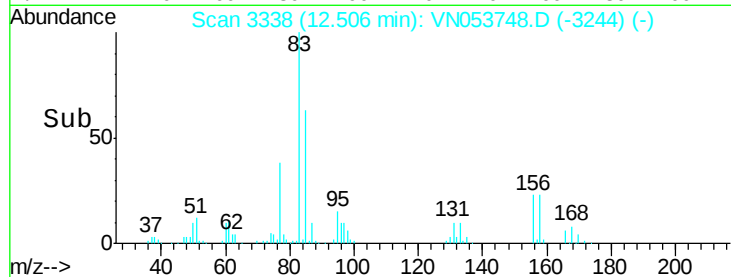
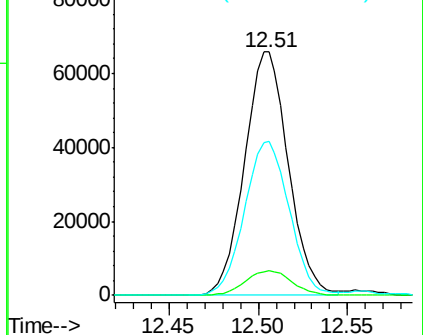
85 64.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.803 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053748.D

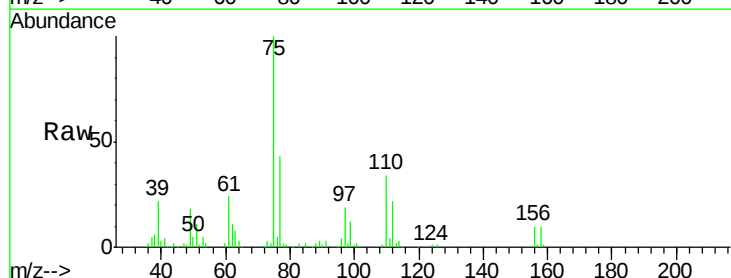
Acq: 13 Feb 2019 12:07

Tgt Ion: 75 Resp: 135630

Ion Ratio Lower Upper

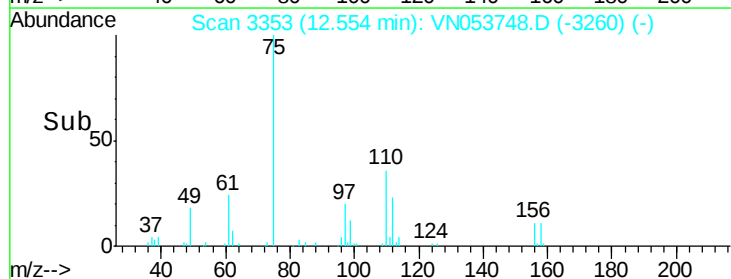
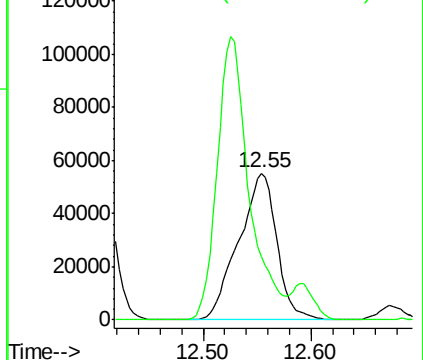
75 100

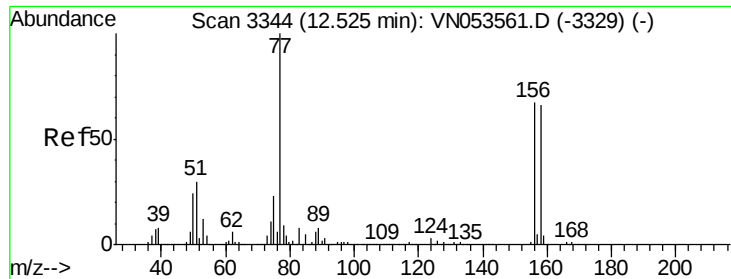
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 17.177 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0213WBS01

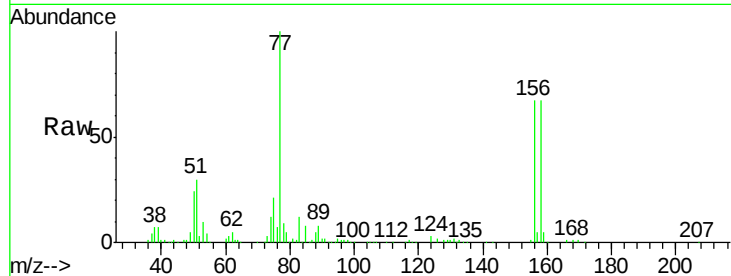
Tot Ion:156 Resp: 128207

Ion Ratio Lower Upper

156 100

77 170.7 87.9 263.8

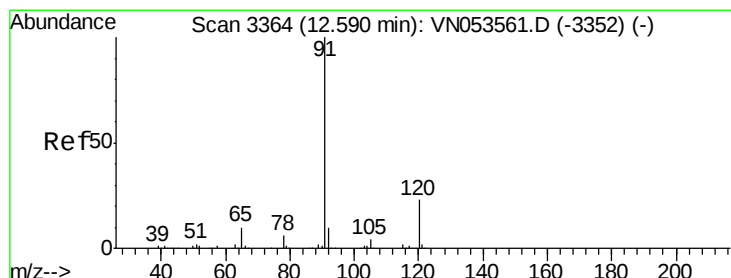
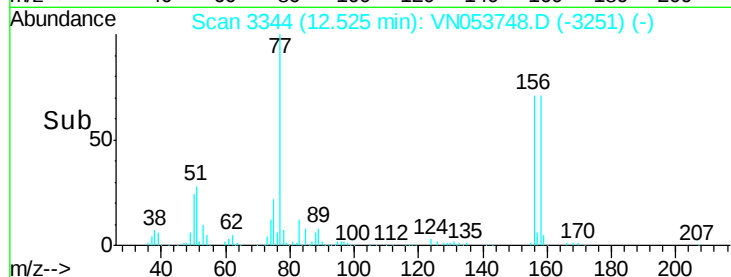
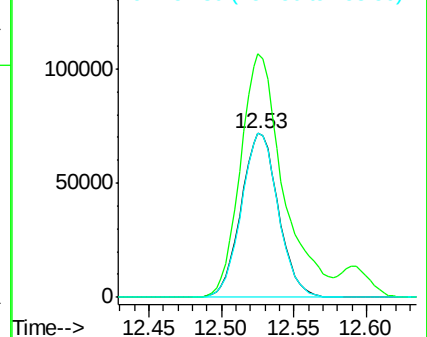
158 98.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.383 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053748.D

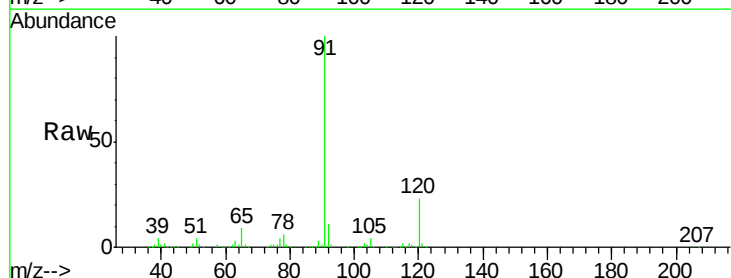
Acq: 13 Feb 2019 12:07

Tgt Ion: 91 Resp: 556525

Ion Ratio Lower Upper

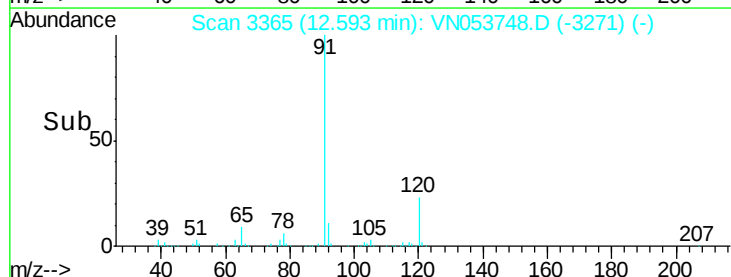
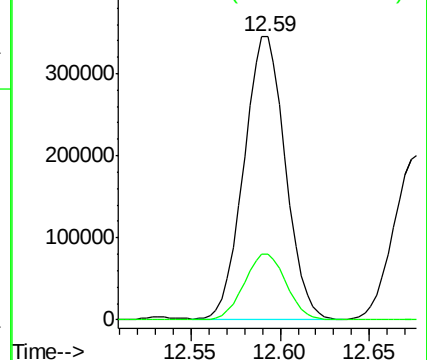
91 100

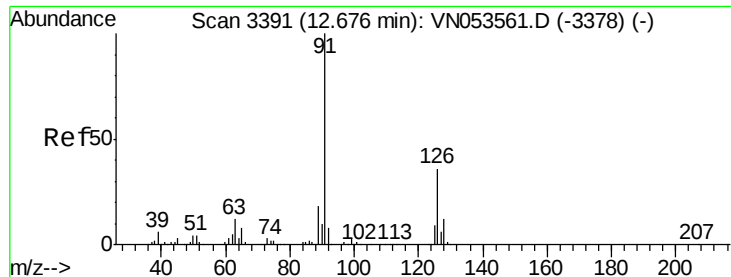
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.451 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

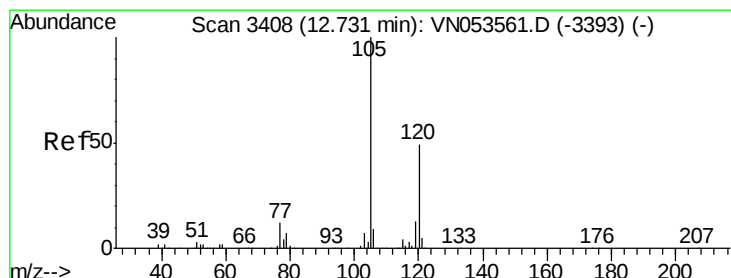
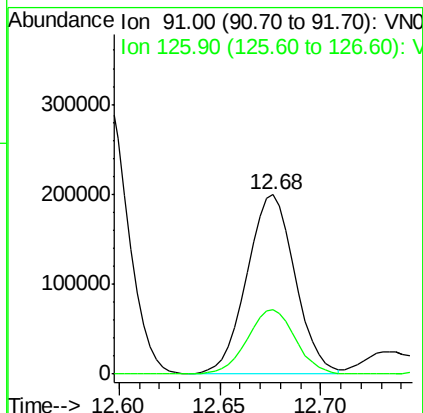
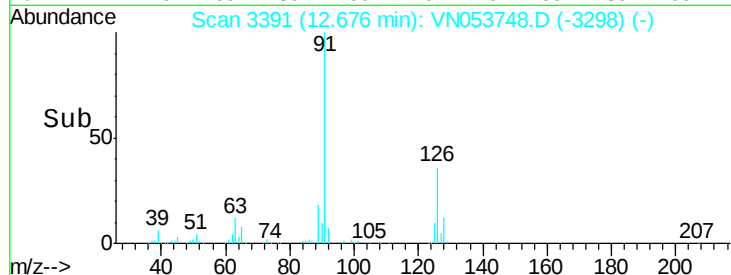
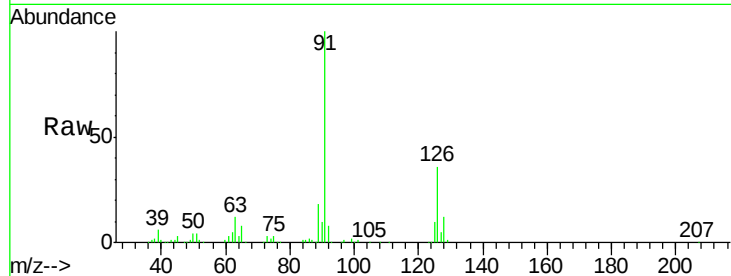
VN0213WBS01

Tot Ion: 91 Resp: 331471

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 18.173 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053748.D

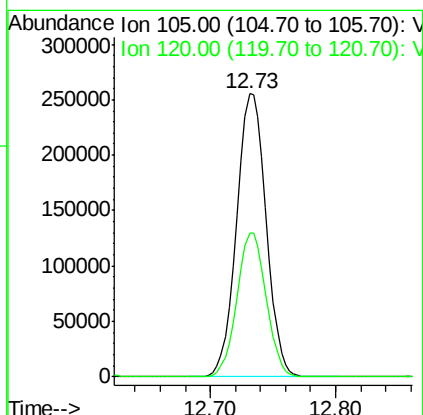
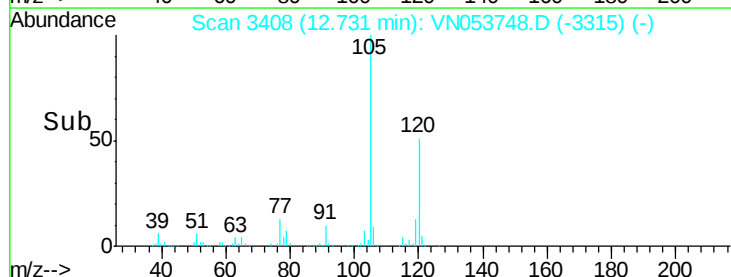
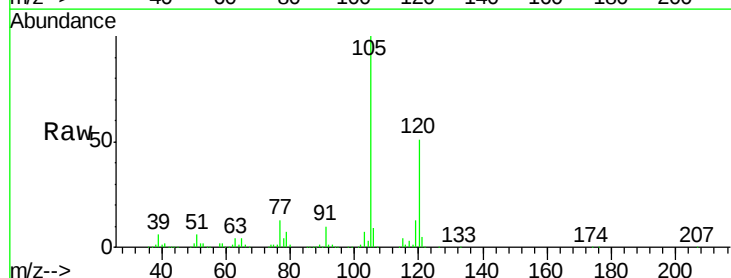
Acq: 13 Feb 2019 12:07

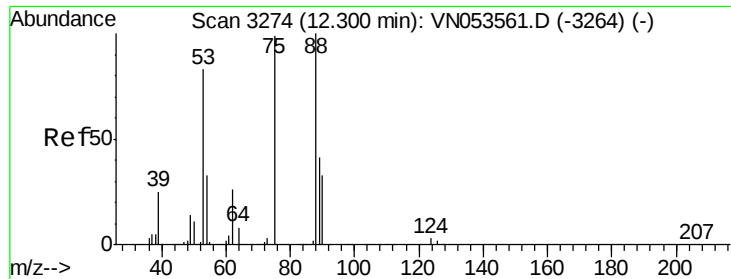
Tgt Ion: 105 Resp: 417372

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.6

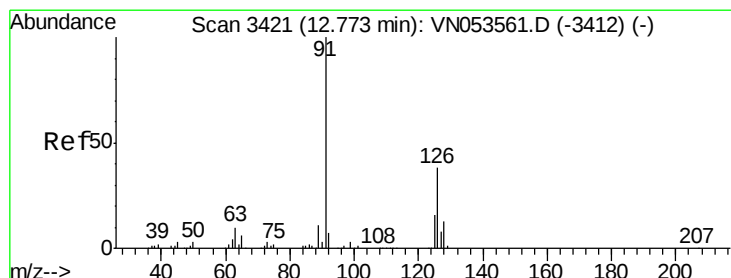
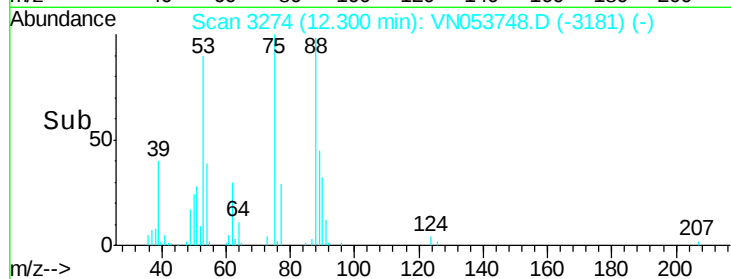
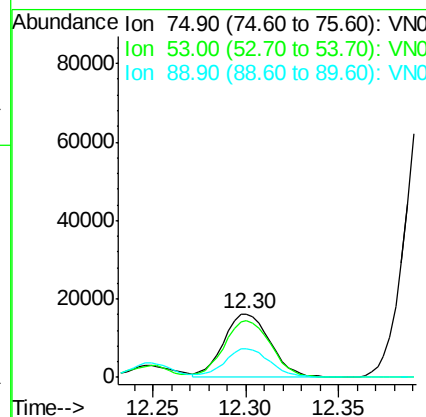
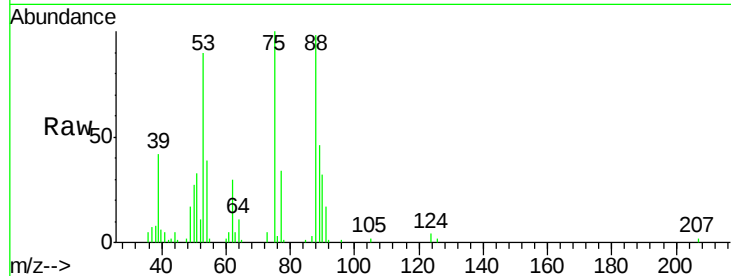




#81
trans-1,4-Dichloro-2-butene
Concen: 15.661 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

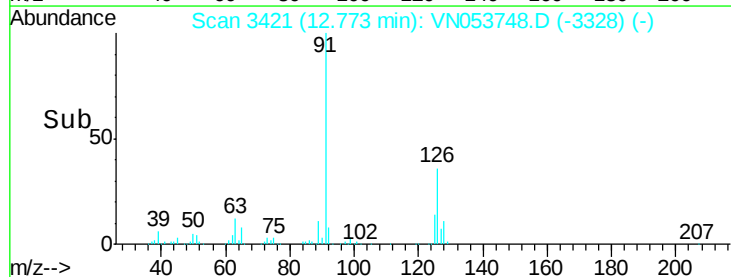
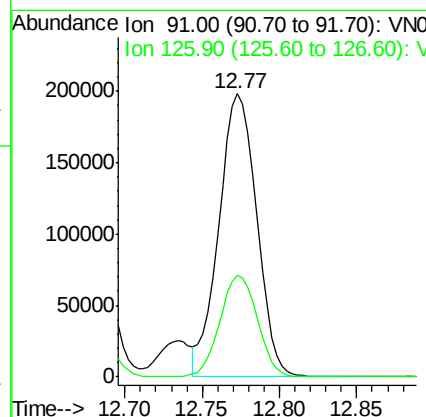
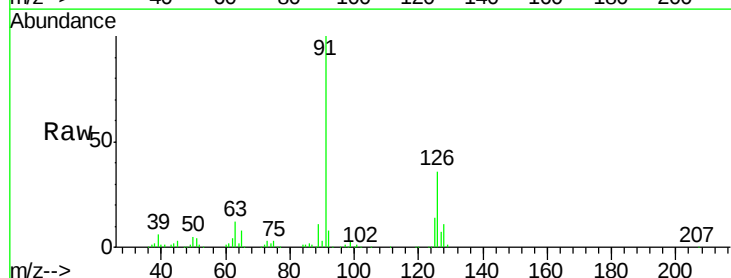
Instrument :
MSVOA_N
ClientSampled :
VN0213WBS01

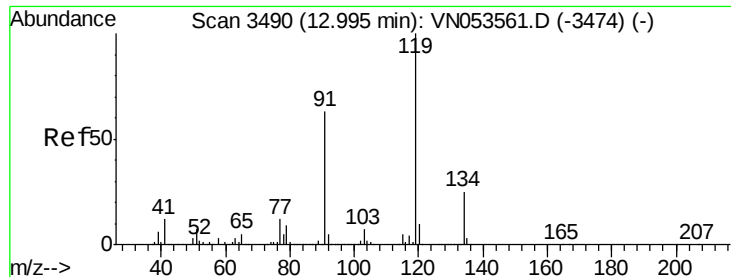
Tot Ion: 75 Resp: 28183
Ion Ratio Lower Upper
75 100
53 89.7 69.8 104.6
89 43.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 17.304 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion: 91 Resp: 337274
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.9

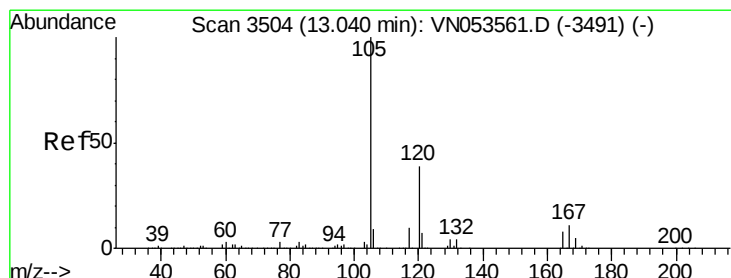
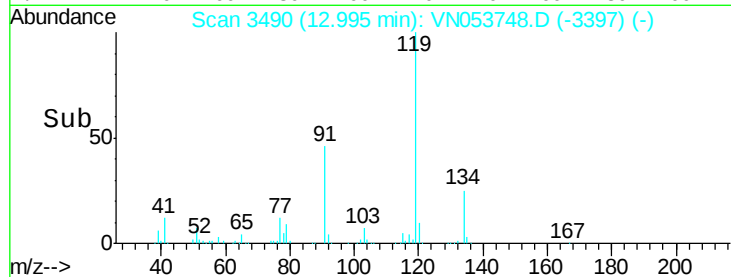
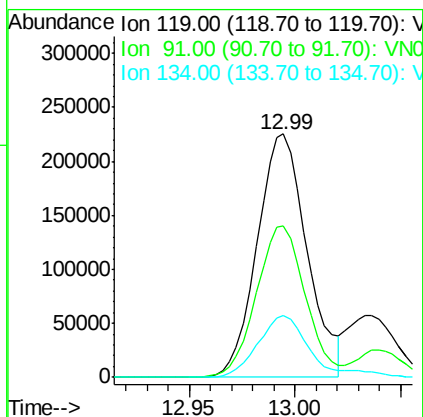
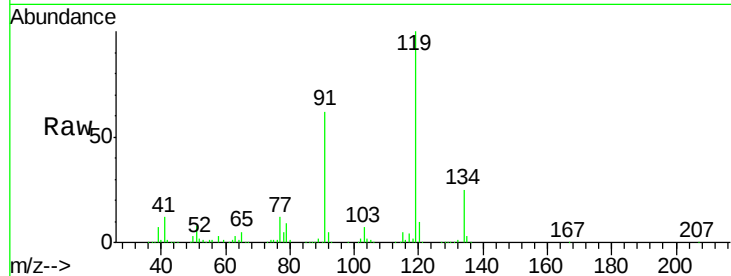




#83
 tert-Butylbenzene
 Concen: 18.285 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

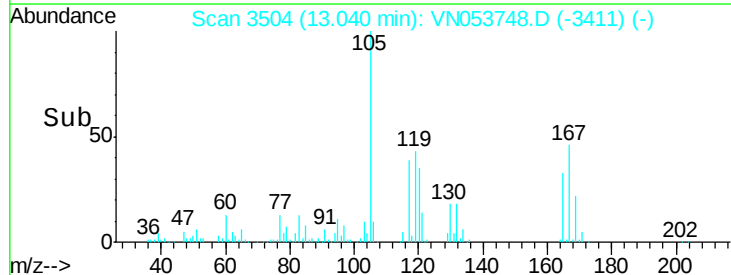
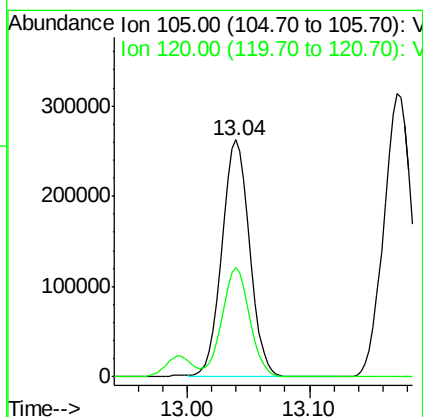
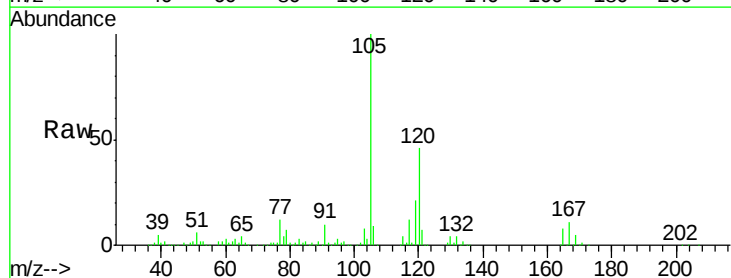
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

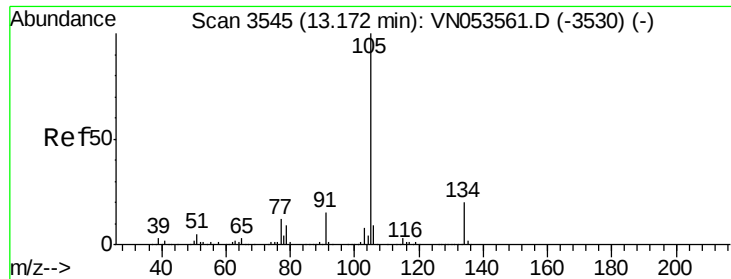
Tot Ion:119 Resp: 371143
 Ion Ratio Lower Upper
 119 100
 91 61.4 31.3 93.8
 134 26.7 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 17.985 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

Tgt Ion:105 Resp: 420821
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.344 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

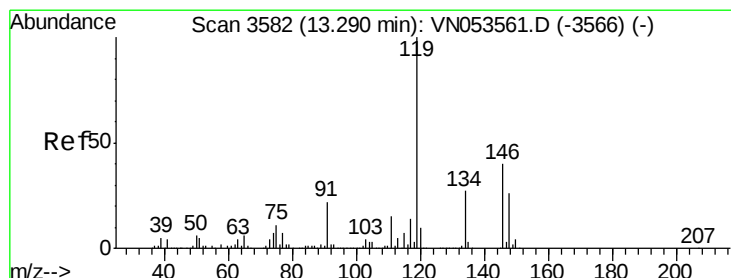
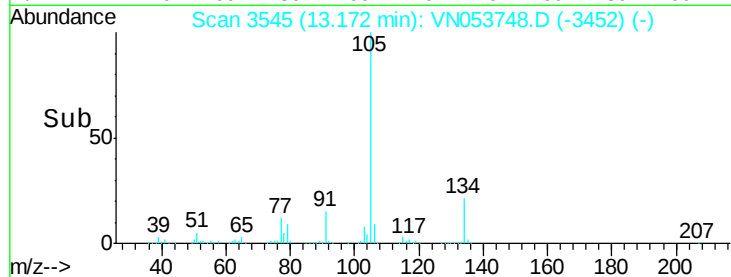
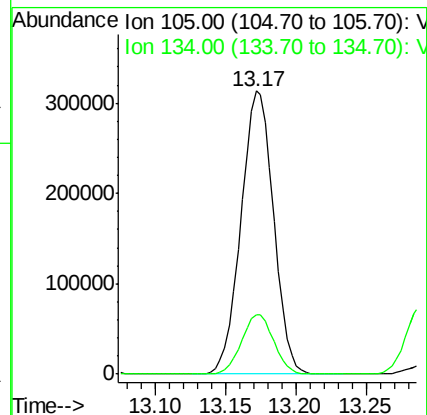
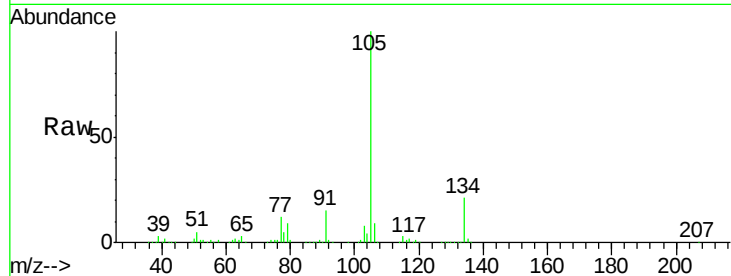
VN0213WBS01

Tot Ion:105 Resp: 506678

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 18.088 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

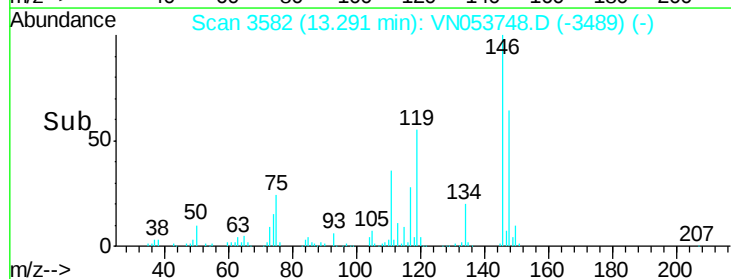
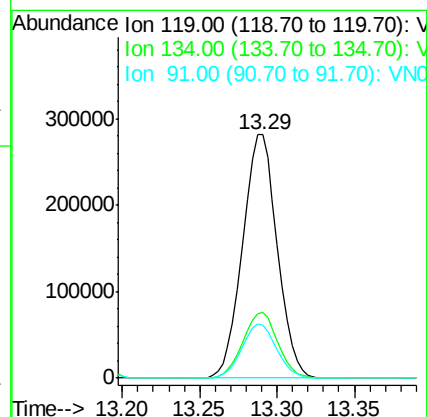
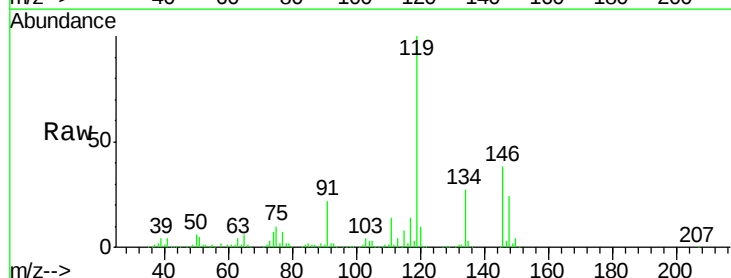
Tgt Ion:119 Resp: 436964

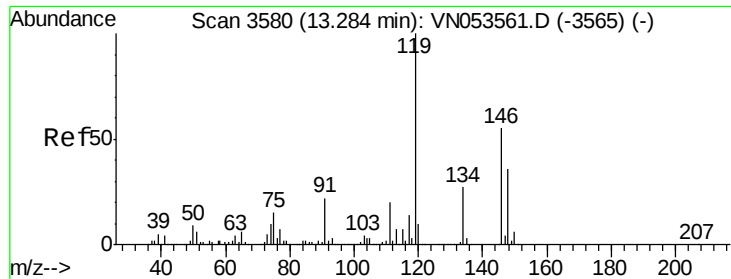
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.4 11.0 33.0

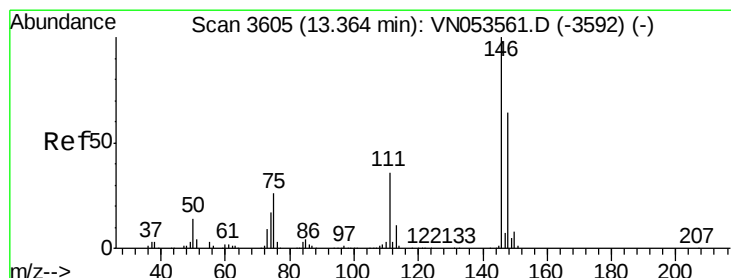
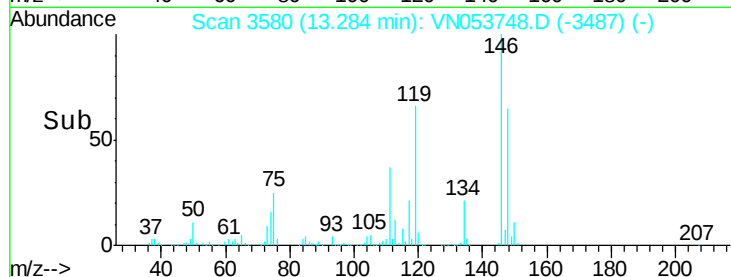
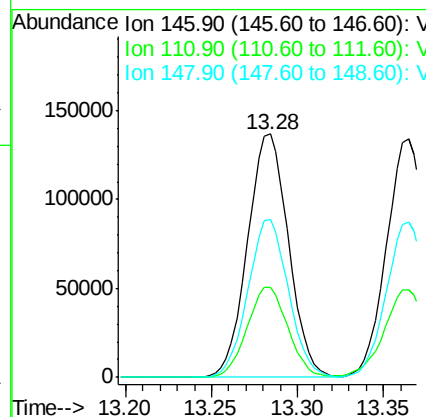
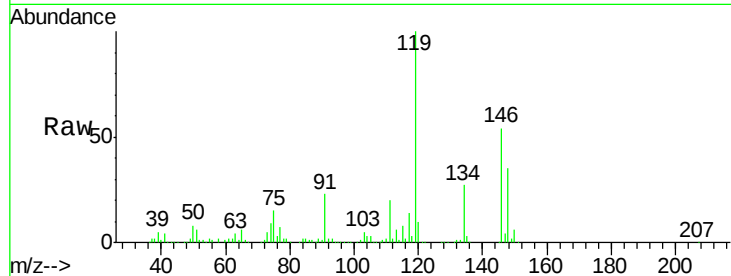




#87
 1,3-Dichlorobenzene
 Concen: 16.830 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

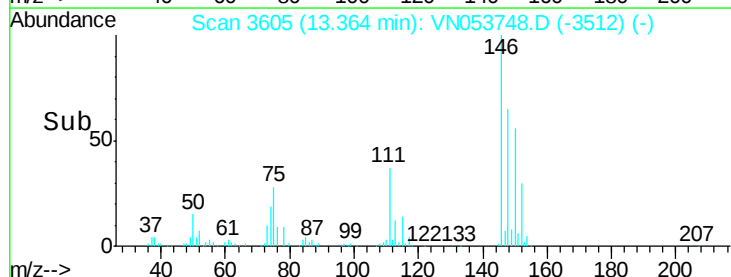
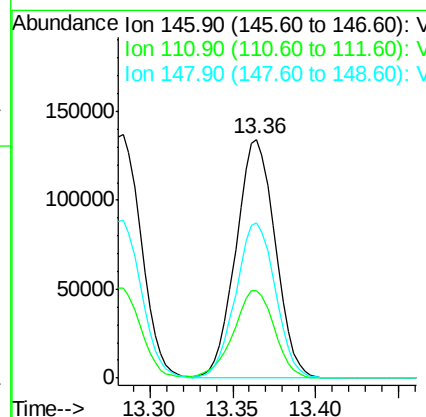
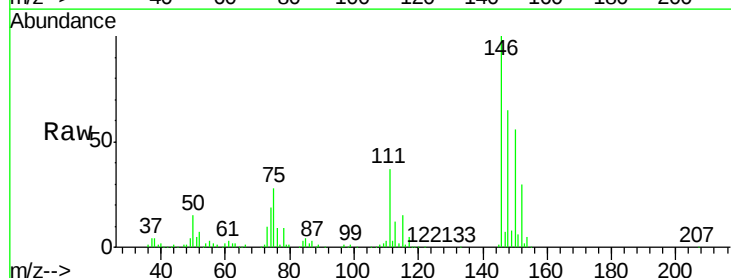
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

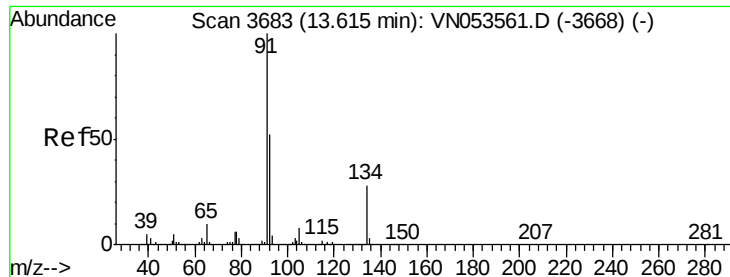
Tot Ion:146 Resp: 225820
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.8 56.3
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 16.728 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053748.D
 Acq: 13 Feb 2019 12:07

Tgt Ion:146 Resp: 222019
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 55.8
 148 65.5 32.4 97.0





#89

n-Butylbenzene

Concen: 16.998 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

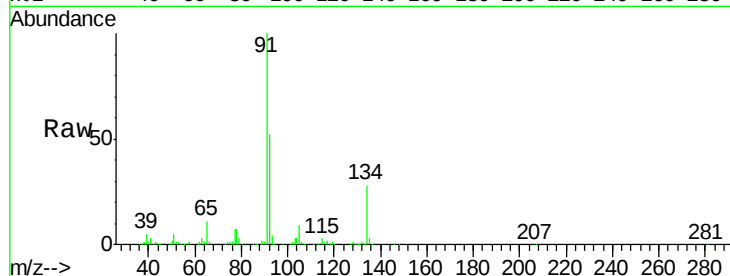
Tot Ion: 91 Resp: 355427

Ion Ratio Lower Upper

91 100

92 51.5 26.3 78.8

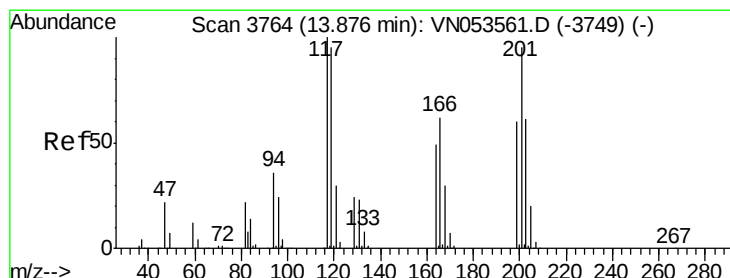
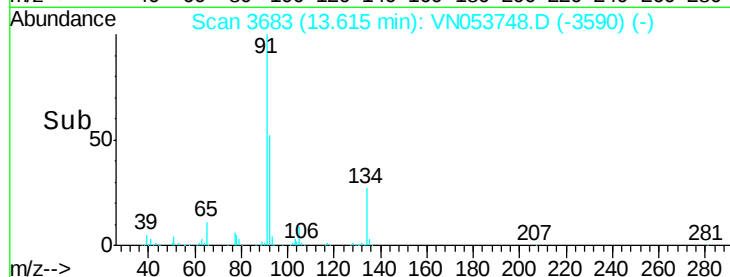
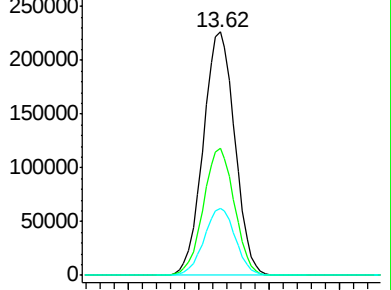
134 27.3 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VN053748.D (-3683) (-)

Ion 92.00 (91.70 to 92.70): VN053748.D (-3683) (-)

Ion 134.00 (133.70 to 134.70): VN053748.D (-3683) (-)



#90

Hexachloroethane

Concen: 18.675 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053748.D

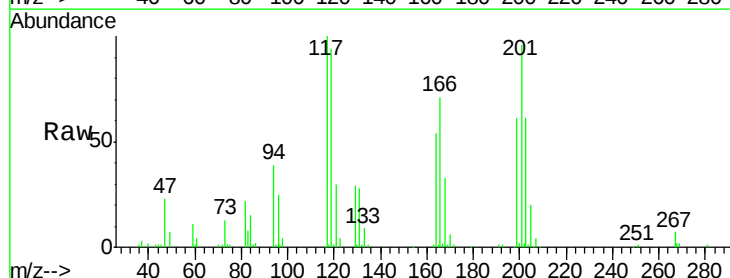
Acq: 13 Feb 2019 12:07

Tgt Ion: 117 Resp: 74413

Ion Ratio Lower Upper

117 100

201 95.3 46.8 140.4



Abundance Ion 116.80 (116.50 to 117.50): VN053748.D (-3764) (-)

Ion 200.70 (200.40 to 201.40): VN053748.D (-3764) (-)

Ion 201.40 (201.10 to 201.70): VN053748.D (-3764) (-)

Ion 202.70 (202.40 to 203.00): VN053748.D (-3764) (-)

Ion 203.00 (202.70 to 203.30): VN053748.D (-3764) (-)

Ion 204.30 (204.00 to 204.60): VN053748.D (-3764) (-)

Ion 205.60 (205.30 to 205.90): VN053748.D (-3764) (-)

Ion 206.90 (206.60 to 207.20): VN053748.D (-3764) (-)

Ion 208.20 (207.90 to 208.50): VN053748.D (-3764) (-)

Ion 209.50 (209.20 to 209.80): VN053748.D (-3764) (-)

Ion 210.80 (210.50 to 211.10): VN053748.D (-3764) (-)

Ion 212.10 (211.80 to 212.40): VN053748.D (-3764) (-)

Ion 213.40 (213.10 to 213.70): VN053748.D (-3764) (-)

Ion 214.70 (214.40 to 215.00): VN053748.D (-3764) (-)

Ion 216.00 (215.70 to 216.30): VN053748.D (-3764) (-)

Ion 217.30 (217.00 to 217.60): VN053748.D (-3764) (-)

Ion 218.60 (218.30 to 218.90): VN053748.D (-3764) (-)

Ion 219.90 (219.60 to 220.20): VN053748.D (-3764) (-)

Ion 221.20 (220.90 to 221.50): VN053748.D (-3764) (-)

Ion 222.50 (222.20 to 222.80): VN053748.D (-3764) (-)

Ion 223.80 (223.50 to 224.10): VN053748.D (-3764) (-)

Ion 225.10 (224.80 to 225.40): VN053748.D (-3764) (-)

Ion 226.40 (226.10 to 226.70): VN053748.D (-3764) (-)

Ion 227.70 (227.40 to 228.00): VN053748.D (-3764) (-)

Ion 229.00 (228.70 to 229.30): VN053748.D (-3764) (-)

Ion 230.30 (230.00 to 230.60): VN053748.D (-3764) (-)

Ion 231.60 (231.30 to 231.90): VN053748.D (-3764) (-)

Ion 232.90 (232.60 to 233.20): VN053748.D (-3764) (-)

Ion 234.20 (233.90 to 234.50): VN053748.D (-3764) (-)

Ion 235.50 (235.20 to 235.80): VN053748.D (-3764) (-)

Ion 236.80 (236.50 to 237.10): VN053748.D (-3764) (-)

Ion 238.10 (237.80 to 238.40): VN053748.D (-3764) (-)

Ion 239.40 (239.10 to 239.70): VN053748.D (-3764) (-)

Ion 240.70 (240.40 to 241.00): VN053748.D (-3764) (-)

Ion 242.00 (241.70 to 242.30): VN053748.D (-3764) (-)

Ion 243.30 (243.00 to 243.60): VN053748.D (-3764) (-)

Ion 244.60 (244.30 to 244.90): VN053748.D (-3764) (-)

Ion 245.90 (245.60 to 246.20): VN053748.D (-3764) (-)

Ion 247.20 (246.90 to 247.50): VN053748.D (-3764) (-)

Ion 248.50 (248.20 to 248.80): VN053748.D (-3764) (-)

Ion 249.80 (249.50 to 250.10): VN053748.D (-3764) (-)

Ion 251.10 (250.80 to 251.40): VN053748.D (-3764) (-)

Ion 252.40 (252.10 to 252.70): VN053748.D (-3764) (-)

Ion 253.70 (253.40 to 254.00): VN053748.D (-3764) (-)

Ion 255.00 (254.70 to 255.30): VN053748.D (-3764) (-)

Ion 256.30 (256.00 to 256.60): VN053748.D (-3764) (-)

Ion 257.60 (257.30 to 257.90): VN053748.D (-3764) (-)

Ion 258.90 (258.60 to 259.20): VN053748.D (-3764) (-)

Ion 260.20 (259.90 to 260.50): VN053748.D (-3764) (-)

Ion 261.50 (261.20 to 261.80): VN053748.D (-3764) (-)

Ion 262.80 (262.50 to 263.10): VN053748.D (-3764) (-)

Ion 264.10 (263.80 to 264.40): VN053748.D (-3764) (-)

Ion 265.40 (265.10 to 265.70): VN053748.D (-3764) (-)

Ion 266.70 (266.40 to 267.00): VN053748.D (-3764) (-)

Ion 268.00 (267.70 to 268.30): VN053748.D (-3764) (-)

Ion 269.30 (269.00 to 269.60): VN053748.D (-3764) (-)

Ion 270.60 (270.30 to 270.90): VN053748.D (-3764) (-)

Ion 271.90 (271.60 to 272.20): VN053748.D (-3764) (-)

Ion 273.20 (272.90 to 273.50): VN053748.D (-3764) (-)

Ion 274.50 (274.20 to 274.80): VN053748.D (-3764) (-)

Ion 275.80 (275.50 to 276.10): VN053748.D (-3764) (-)

Ion 277.10 (276.80 to 277.40): VN053748.D (-3764) (-)

Ion 278.40 (278.10 to 278.70): VN053748.D (-3764) (-)

Ion 279.70 (279.40 to 280.00): VN053748.D (-3764) (-)

Ion 281.00 (280.70 to 281.30): VN053748.D (-3764) (-)

Ion 282.30 (282.00 to 282.60): VN053748.D (-3764) (-)

Ion 283.60 (283.30 to 283.90): VN053748.D (-3764) (-)

Ion 284.90 (284.60 to 285.20): VN053748.D (-3764) (-)

Ion 286.20 (285.90 to 286.50): VN053748.D (-3764) (-)

Ion 287.50 (287.20 to 287.80): VN053748.D (-3764) (-)

Ion 288.80 (288.50 to 289.10): VN053748.D (-3764) (-)

Ion 290.10 (289.80 to 290.40): VN053748.D (-3764) (-)

Ion 291.40 (291.10 to 291.70): VN053748.D (-3764) (-)

Ion 292.70 (292.40 to 292.70): VN053748.D (-3764) (-)

Ion 294.00 (293.70 to 294.30): VN053748.D (-3764) (-)

Ion 295.30 (295.00 to 295.60): VN053748.D (-3764) (-)

Ion 296.60 (296.30 to 296.90): VN053748.D (-3764) (-)

Ion 297.90 (297.60 to 298.20): VN053748.D (-3764) (-)

Ion 299.20 (298.90 to 299.50): VN053748.D (-3764) (-)

Ion 300.50 (300.20 to 300.80): VN053748.D (-3764) (-)

Ion 301.80 (301.50 to 302.10): VN053748.D (-3764) (-)

Ion 303.10 (302.80 to 303.40): VN053748.D (-3764) (-)

Ion 304.40 (304.10 to 304.70): VN053748.D (-3764) (-)

Ion 305.70 (305.40 to 306.00): VN053748.D (-3764) (-)

Ion 307.00 (306.70 to 307.30): VN053748.D (-3764) (-)

Ion 308.30 (308.00 to 308.60): VN053748.D (-3764) (-)

Ion 309.60 (309.30 to 309.90): VN053748.D (-3764) (-)

Ion 310.90 (310.60 to 311.20): VN053748.D (-3764) (-)

Ion 312.20 (311.90 to 312.50): VN053748.D (-3764) (-)

Ion 313.50 (313.20 to 313.80): VN053748.D (-3764) (-)

Ion 314.80 (314.50 to 315.10): VN053748.D (-3764) (-)

Ion 316.10 (315.80 to 316.40): VN053748.D (-3764) (-)

Ion 317.40 (317.10 to 317.70): VN053748.D (-3764) (-)

Ion 318.70 (318.40 to 319.00): VN053748.D (-3764) (-)

Ion 320.00 (319.70 to 320.30): VN053748.D (-3764) (-)

Ion 321.30 (321.00 to 321.60): VN053748.D (-3764) (-)

Ion 322.60 (322.30 to 322.90): VN053748.D (-3764) (-)

Ion 323.90 (323.60 to 324.20): VN053748.D (-3764) (-)

Ion 325.20 (324.90 to 325.50): VN053748.D (-3764) (-)

Ion 326.50 (326.20 to 326.80): VN053748.D (-3764) (-)

Ion 327.80 (327.50 to 328.10): VN053748.D (-3764) (-)

Ion 329.10 (328.80 to 329.40): VN053748.D (-3764) (-)

Ion 330.40 (330.10 to 330.70): VN053748.D (-3764) (-)

Ion 331.70 (331.40 to 332.00): VN053748.D (-3764) (-)

Ion 333.00 (332.70 to 333.30): VN053748.D (-3764) (-)

Ion 334.30 (334.00 to 334.60): VN053748.D (-3764) (-)

Ion 335.60 (335.30 to 335.90): VN053748.D (-3764) (-)

Ion 336.90 (336.60 to 337.20): VN053748.D (-3764) (-)

Ion 338.20 (337.90 to 338.50): VN053748.D (-3764) (-)

Ion 339.50 (339.20 to 339.80): VN053748.D (-3764) (-)

Ion 340.80 (340.50 to 341.10): VN053748.D (-3764) (-)

Ion 342.10 (341.80 to 342.40): VN053748.D (-3764) (-)

Ion 343.40 (343.10 to 343.70): VN053748.D (-3764) (-)

Ion 344.70 (344.40 to 345.00): VN053748.D (-3764) (-)

Ion 346.00 (345.70 to 346.30): VN053748.D (-3764) (-)

Ion 347.30 (347.00 to 347.60): VN053748.D (-3764) (-)

Ion 348.60 (348.30 to 348.90): VN053748.D (-3764) (-)

Ion 349.90 (349.60 to 350.20): VN053748.D (-3764) (-)

Ion 351.20 (350.90 to 351.50): VN053748.D (-3764) (-)

Ion 352.50 (352.20 to 352.80): VN053748.D (-3764) (-)

Ion 353.80 (353.50 to 354.10): VN053748.D (-3764) (-)

Ion 355.10 (354.80 to 355.40): VN053748.D (-3764) (-)

Ion 356.40 (356.10 to 356.70): VN053748.D (-3764) (-)

Ion 357.70 (357.40 to 358.00): VN053748.D (-3764) (-)

Ion 359.00 (358.70 to 359.30): VN053748.D (-3764) (-)

Ion 360.30 (360.00 to 360.60): VN053748.D (-3764) (-)

Ion 361.60 (361.30 to 361.90): VN053748.D (-3764) (-)

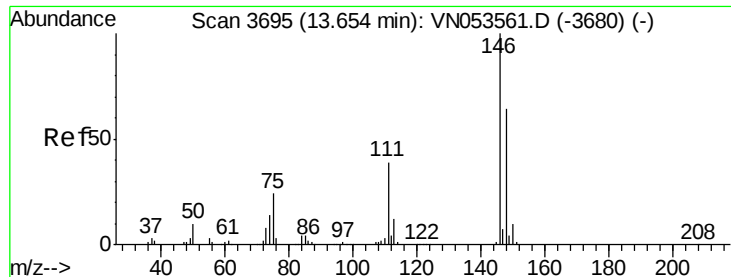
Ion 362.90 (362.60 to 363.20): VN053748.D (-3764) (-)

Ion 364.20 (363.90 to 364.50): VN053748.D (-3764) (-)

Ion 365.50 (365.20 to 365.80): VN053748.D (-3764) (-)

Ion 366.80 (366.50 to 367.10): VN053748.D (-3764) (-)

Ion



#91

1,2-Dichlorobenzene

Concen: 17.305 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0213WBS01

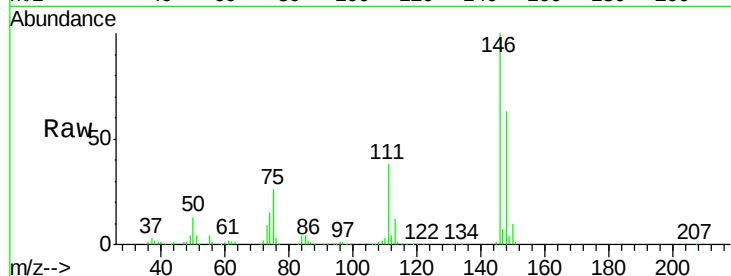
Tot Ion:146 Resp: 222286

Ion Ratio Lower Upper

146 100

111 39.5 19.5 58.5

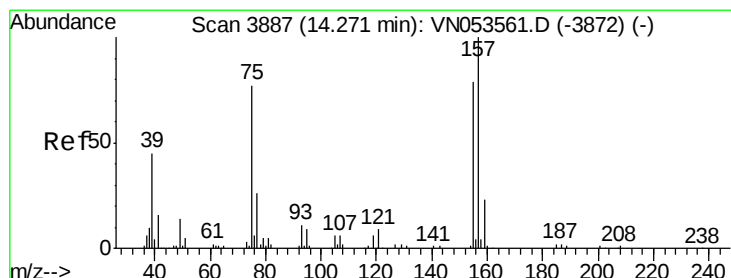
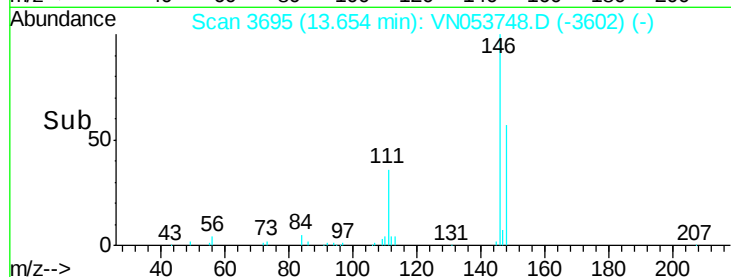
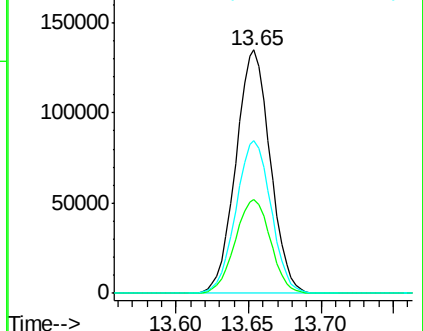
148 63.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.088 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

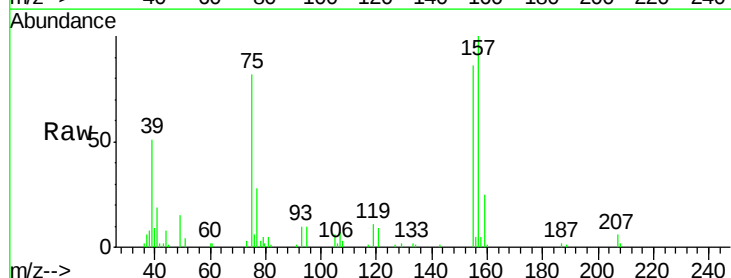
Tgt Ion: 75 Resp: 16142

Ion Ratio Lower Upper

75 100

155 102.6 48.9 146.7

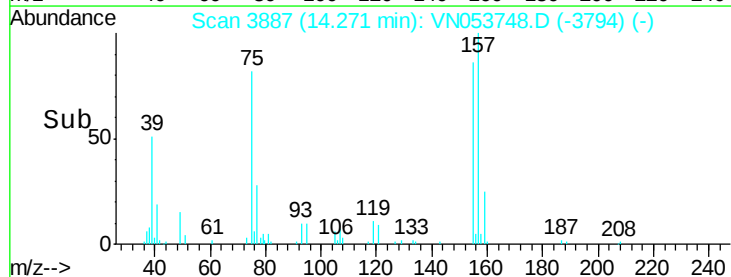
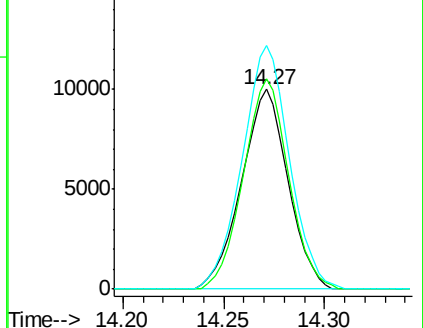
157 124.2 63.7 191.3

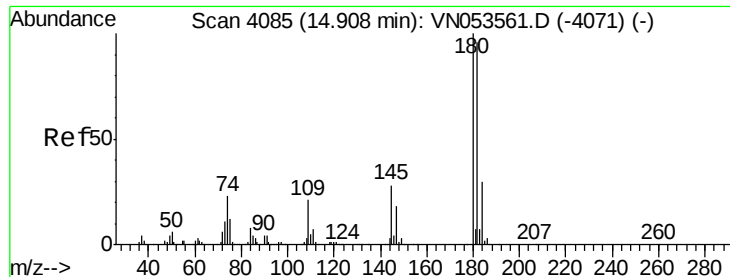


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 15.640 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

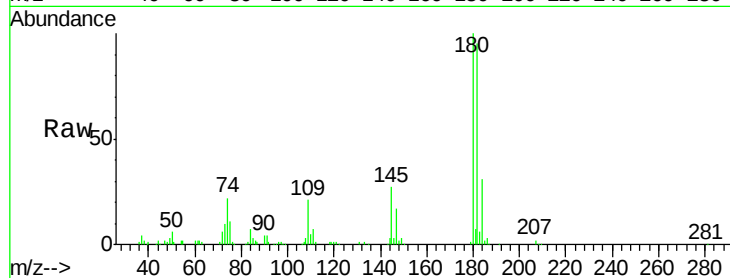
Tot Ion:180 Resp: 115222

Ion Ratio Lower Upper

180 100

182 94.1 48.1 144.3

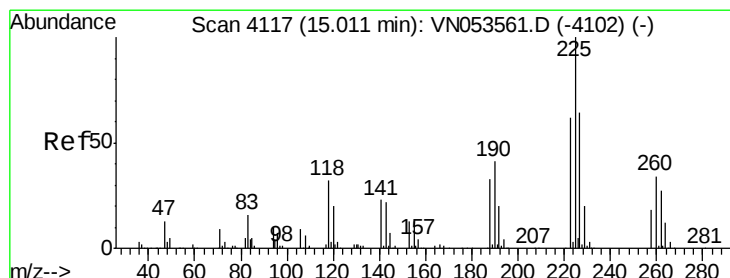
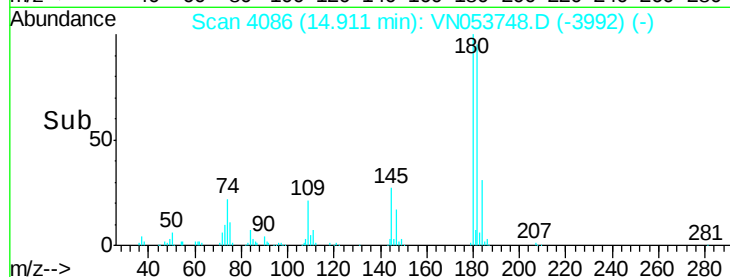
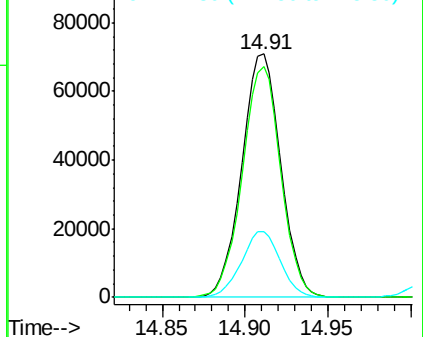
145 27.2 13.9 41.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.354 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN053748.D

Acq: 13 Feb 2019 12:07

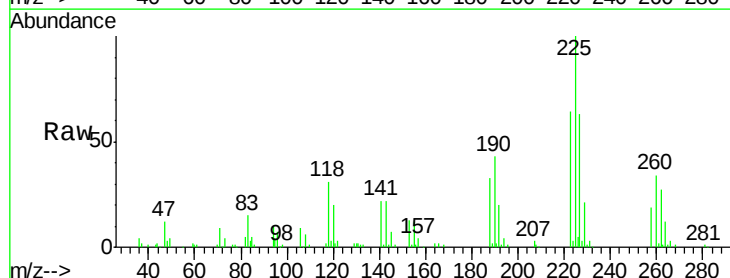
Tgt Ion:225 Resp: 88797

Ion Ratio Lower Upper

225 100

223 61.2 31.1 93.2

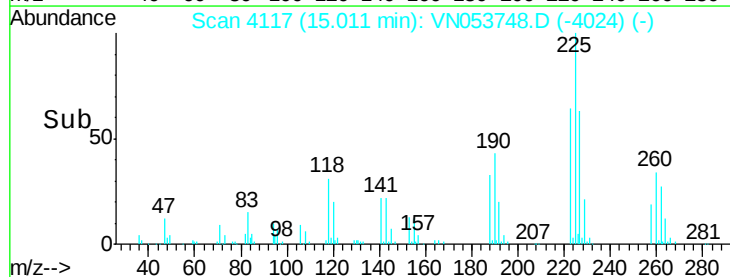
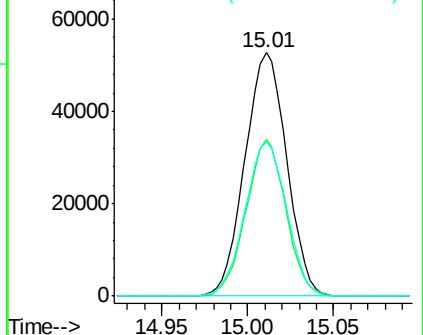
227 62.8 32.0 96.2

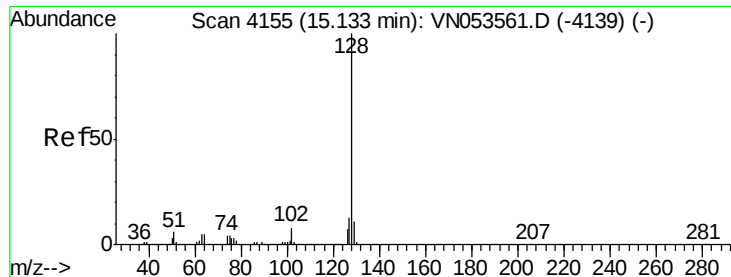


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

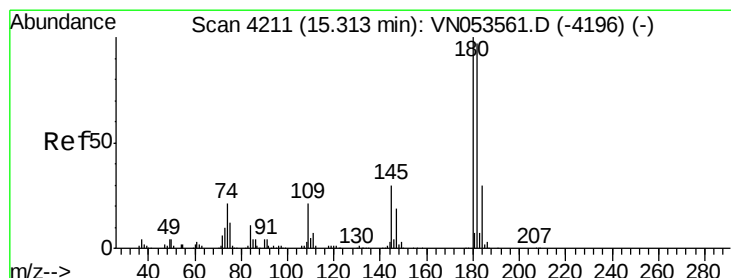
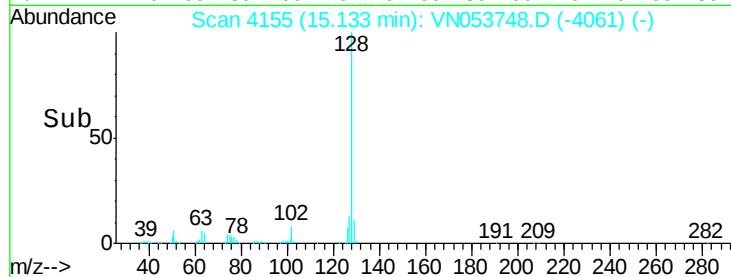
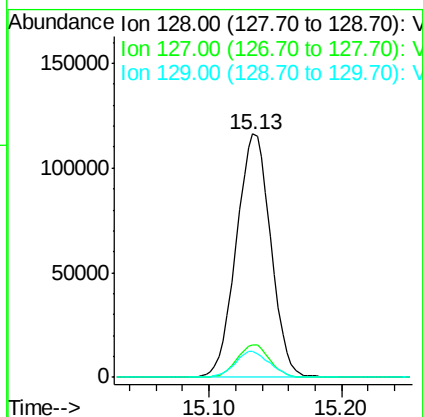
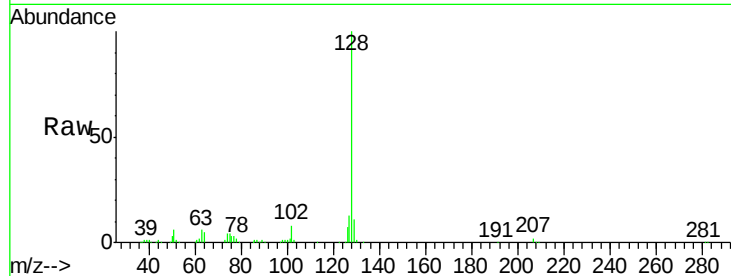




#95
Naphthalene
Concen: 13.401 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.323 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053748.D
Acq: 13 Feb 2019 12:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.9	143.8
145	29.0	14.7	44.1

