

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053723.D
 Acq On : 12 Feb 2019 11:58
 Operator : JC/SP
 Sample : VN0212WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

Quant Time: Feb 13 04:12:31 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	7.67	168	653816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1010451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	872169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	403161	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	358123	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	
35) Dibromofluoromethane	7.59	113	337846	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
50) Toluene-d8	10.09	98	1228132	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.40	95	408334	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	130457	17.917	ug/l	98
3) Chloromethane	2.06	50	142264	18.328	ug/l	100
4) Vinyl Chloride	2.19	62	141162	18.734	ug/l	99
5) Bromomethane	2.57	94	106157	21.547	ug/l	100
6) Chloroethane	2.71	64	96917	22.508	ug/l	98
7) Trichlorofluoromethane	3.02	101	207476	20.305	ug/l	99
8) Diethyl Ether	3.41	74	72764	19.499	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	119532	18.915	ug/l	97
10) Methyl Iodide	3.96	142	164673	16.602	ug/l	99
11) Tert butyl alcohol	4.78	59	44951	115.799	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	115221	19.031	ug/l	97
13) Acrolein	3.60	56	23998	113.548	ug/l	97
14) Allyl chloride	4.33	41	184922	19.183	ug/l	99
15) Acrylonitrile	4.99	53	229958	109.734	ug/l	99
16) Acetone	3.82	43	181505	107.884	ug/l	97
17) Carbon Disulfide	4.06	76	316230	16.774	ug/l	99
18) Methyl Acetate	4.33	43	116790	23.440	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	326741	21.288	ug/l	99
20) Methylene Chloride	4.55	84	133723	18.945	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	121447	18.593	ug/l	95
22) Diisopropyl ether	5.95	45	357311	20.004	ug/l	95
23) Vinyl Acetate	5.90	43	1238625	100.238	ug/l	99
24) 1,1-Dichloroethane	5.85	63	231916	19.466	ug/l	99
25) 2-Butanone	6.84	43	260670	108.636	ug/l	98
26) 2,2-Dichloropropane	6.82	77	173326	19.058	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	143309	19.731	ug/l	96
28) Bromochloromethane	7.19	49	107813	20.853	ug/l	95
29) Tetrahydrofuran	7.21	42	172975	112.264	ug/l	99
30) Chloroform	7.37	83	229894	19.466	ug/l	99
31) Cyclohexane	7.65	56	201657	18.072	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	192287	19.564	ug/l	99
36) 1,1-Dichloropropene	7.79	75	167485	18.388	ug/l	99
37) Ethyl Acetate	6.93	43	110403	21.702	ug/l	98
38) Carbon Tetrachloride	7.77	117	170531	18.585	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	190000	17.582	ug/l	98
40) Benzene	8.04	78	523549	18.639	ug/l	99
41) Methacrylonitrile	7.17	41	56936	20.025	ug/l #	88
42) 1,2-Dichloroethane	8.12	62	157857	18.928	ug/l	99
43) Isopropyl Acetate	8.17	43	199758	20.333	ug/l	97
44) Trichloroethene	8.83	130	149452	18.689	ug/l	98
45) 1,2-Dichloropropane	9.12	63	136946	19.062	ug/l	98
46) Dibromomethane	9.21	93	84491	19.509	ug/l	98
47) Bromodichloromethane	9.40	83	173208	19.236	ug/l	100
48) Methyl methacrylate	9.20	41	89043	18.987	ug/l	91
49) 1,4-Dioxane	9.20	88	28181	437.599	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	522265	108.180	ug/l	100
52) Toluene	10.16	92	317885	19.069	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	170344	18.892	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	200665	18.780	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	122885	20.457	ug/l	99
56) Ethyl methacrylate	10.43	69	144906	20.391	ug/l	99
57) 1,3-Dichloropropane	10.71	76	201821	19.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	360770	87.246	ug/l	99
59) 2-Hexanone	10.75	43	333306	101.698	ug/l	99
60) Dibromochloromethane	10.90	129	132651	19.582	ug/l	98
61) 1,2-Dibromoethane	11.00	107	114705	19.293	ug/l	100
64) Tetrachloroethene	10.63	164	136760	18.292	ug/l	98
65) Chlorobenzene	11.43	112	350681	18.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	126017	19.477	ug/l	99
67) Ethyl Benzene	11.51	91	575306	18.905	ug/l	100
68) m/p-Xylenes	11.62	106	448295	38.597	ug/l	99
69) o-Xylene	11.95	106	220270	19.630	ug/l	98
70) Styrene	11.96	104	354073	19.468	ug/l	100
71) Bromoform	12.13	173	93596	21.101	ug/l #	99
73) Isopropylbenzene	12.25	105	583221	20.578	ug/l	99
74) N-amyl acetate	12.07	43	145084	21.288	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	146235	21.559	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	172897	33.388	ug/l #	100
77) Bromobenzene	12.53	156	150865	19.751	ug/l	100
78) n-propylbenzene	12.59	91	659562	20.131	ug/l	100
79) 2-Chlorotoluene	12.67	91	394671	20.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	488379	20.780	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36688	19.922	ug/l	97
82) 4-Chlorotoluene	12.77	91	393748	19.741	ug/l	100
83) tert-Butylbenzene	12.99	119	444330	21.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	497616	20.782	ug/l	100
85) sec-Butylbenzene	13.17	105	592620	20.966	ug/l	100
86) p-Isopropyltoluene	13.29	119	507091	20.512	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	265312	19.322	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	260055	19.146	ug/l	100
89) n-Butylbenzene	13.62	91	413194	19.310	ug/l	99
90) Hexachloroethane	13.87	117	86109	21.117	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	262074	19.937	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21325	22.060	ug/l	98

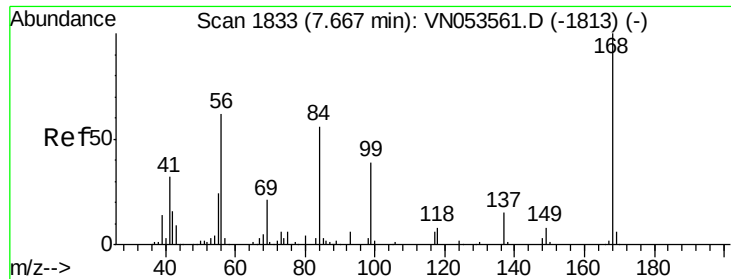
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053723.D
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Sample : VN0212WBSD01
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	134726	17.870	ug/l	100
94) Hexachlorobutadiene	15.01	225	94828	20.197	ug/l	99
95) Naphthalene	15.13	128	285279	17.285	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	133973	19.151	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampled :

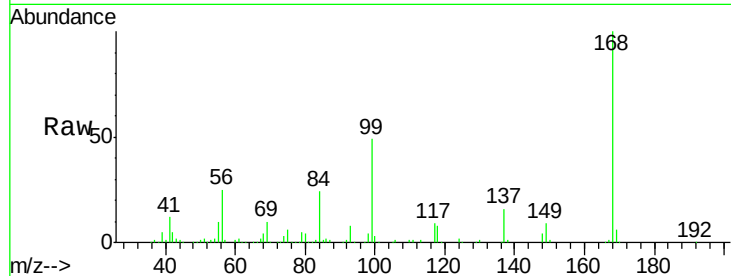
VN0212WBSD01

Tot Ion:168 Resp: 653816

Ion Ratio Lower Upper

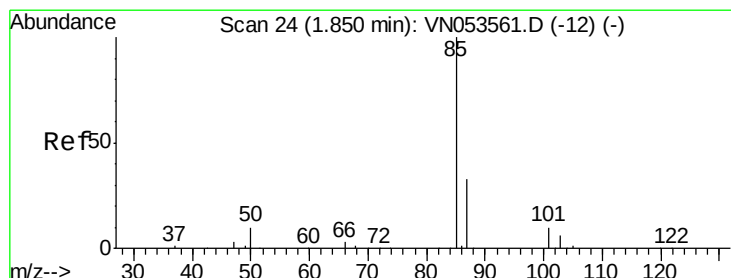
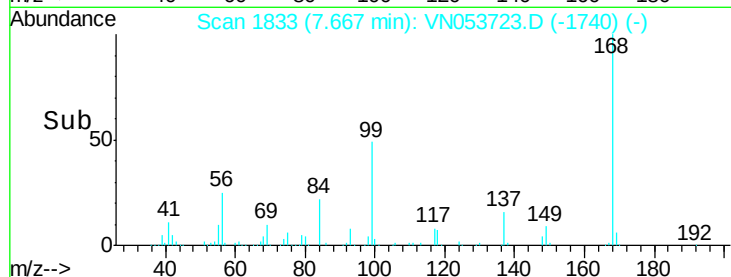
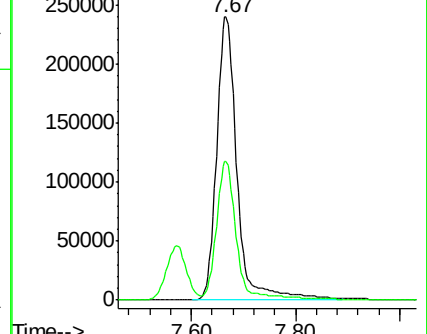
168 100

99 48.8 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: 17.917 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053723.D

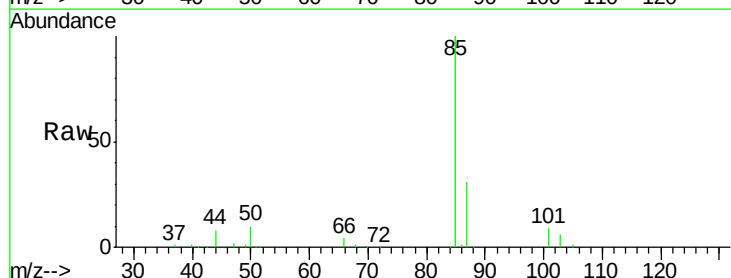
Acq: 12 Feb 2019 11:58

Tgt Ion: 85 Resp: 130457

Ion Ratio Lower Upper

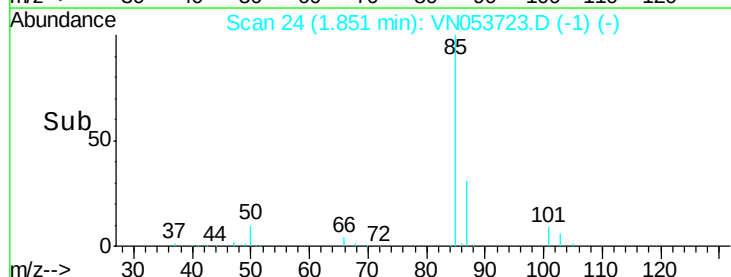
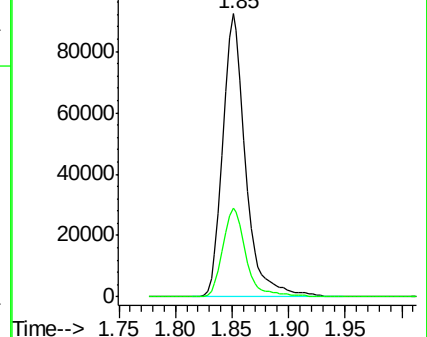
85 100

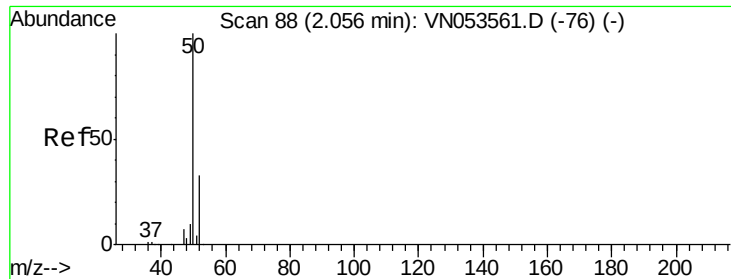
87 31.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.328 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.01 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

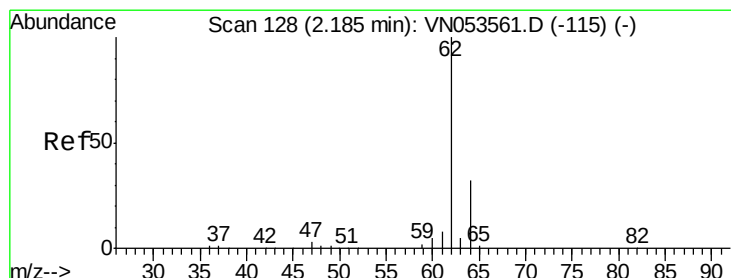
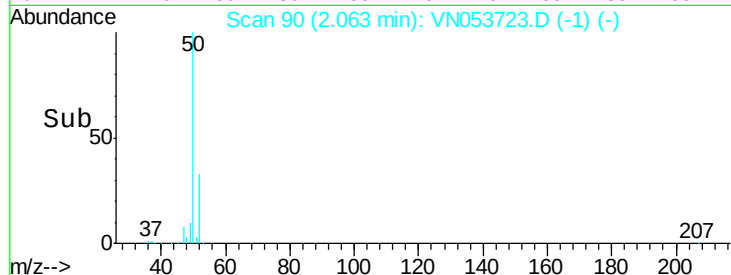
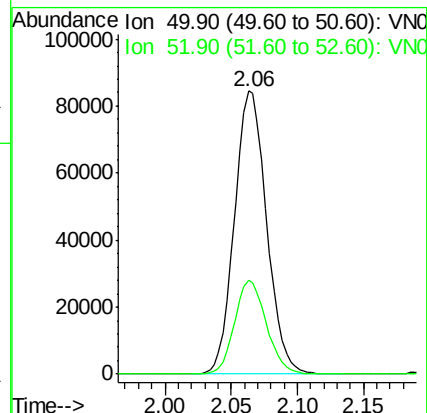
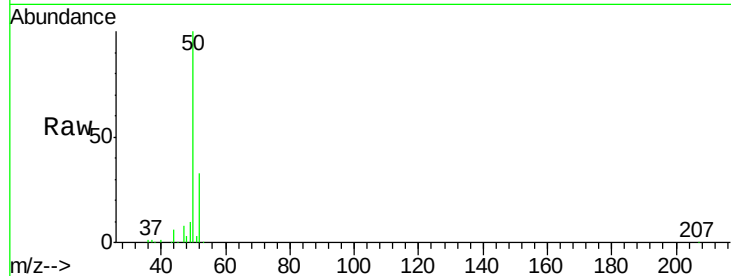
VN0212WBSD01

Tot Ion: 50 Resp: 142264

Ion Ratio Lower Upper

50 100

52 33.1 26.6 40.0



#4

Vinyl Chloride

Concen: 18.734 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053723.D

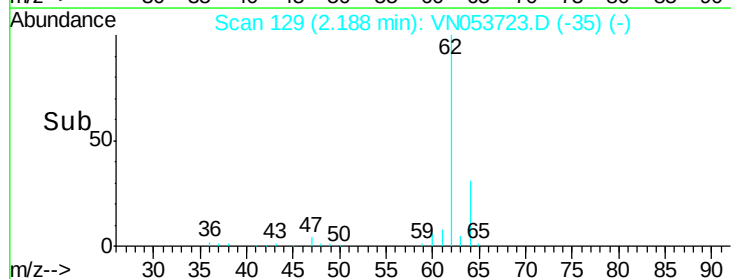
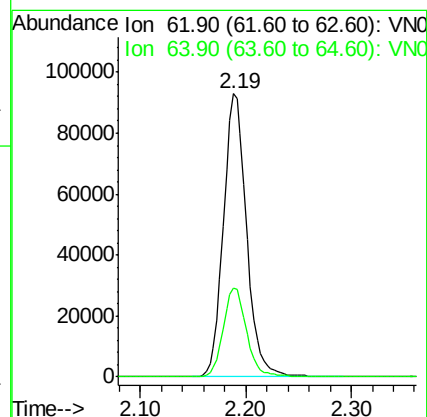
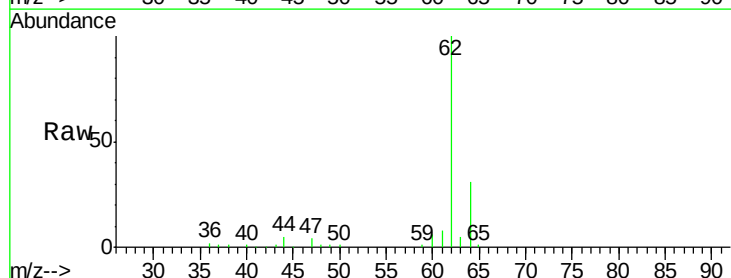
Acq: 12 Feb 2019 11:58

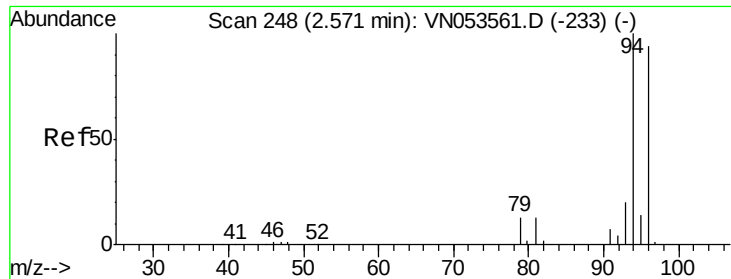
Tgt Ion: 62 Resp: 141162

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2

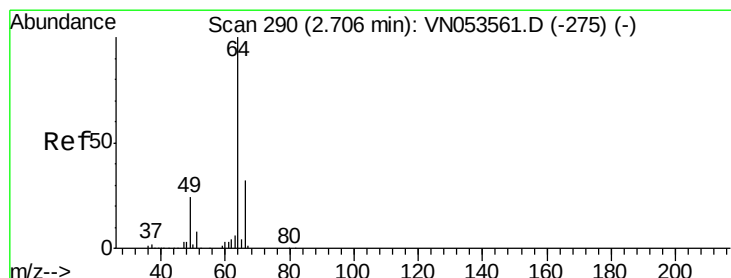
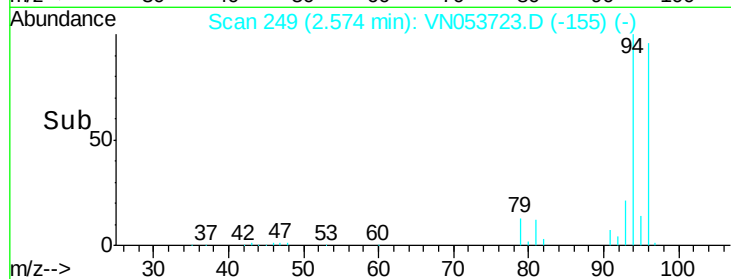
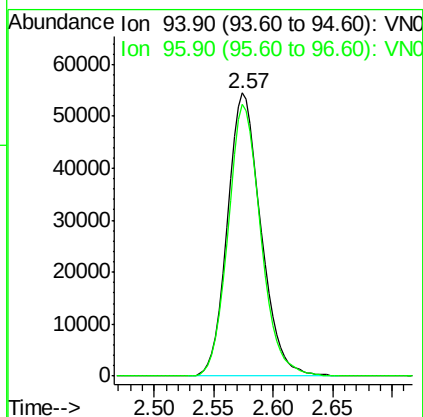
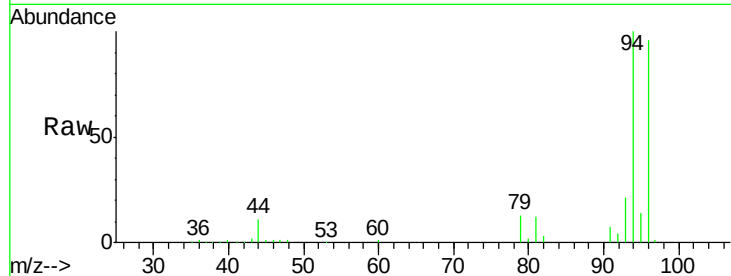




#5
Bromomethane
Concen: 21.547 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

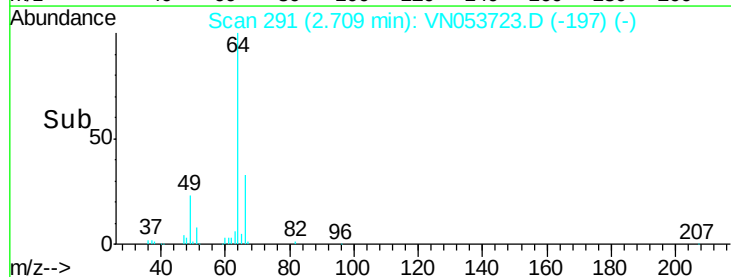
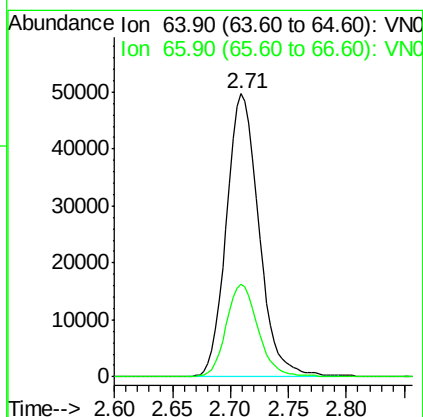
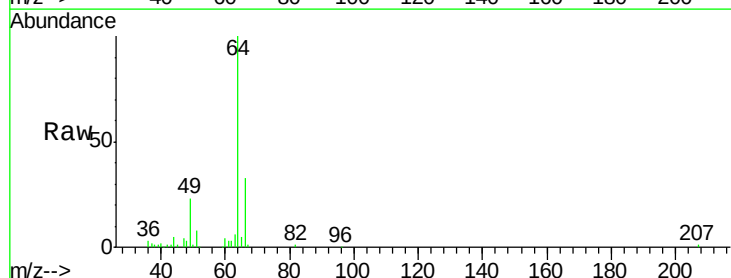
Instrument :
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VN0212WBSD01

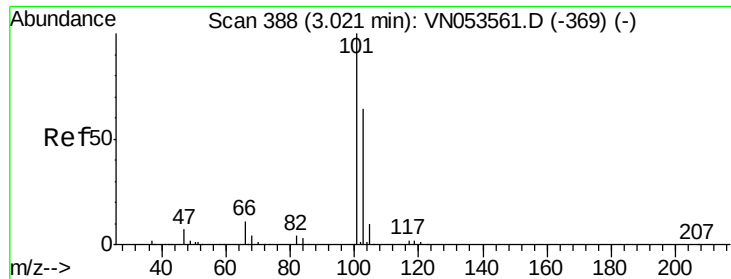
Tot Ion: 94 Resp: 106157
Ion Ratio Lower Upper
94 100
96 96.2 76.8 115.2



#6
Chloroethane
Concen: 22.508 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 64 Resp: 96917
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7



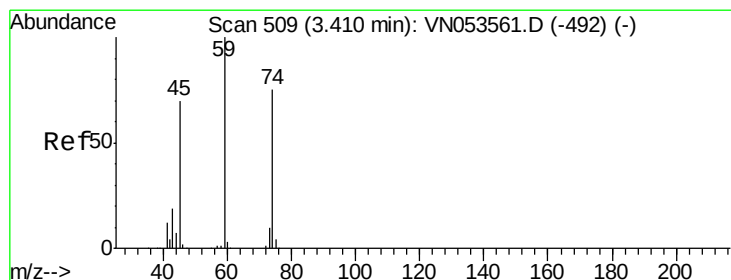
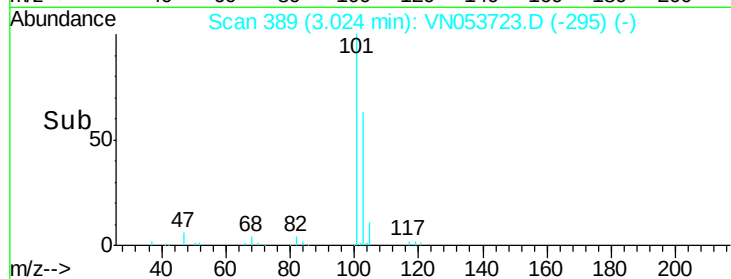
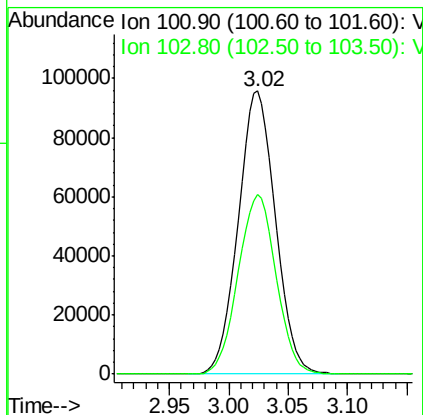
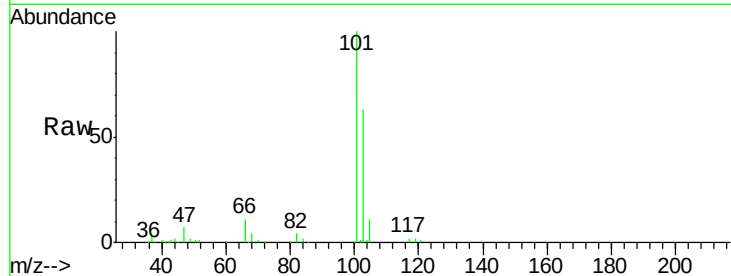


#7

Trichlorofluoromethane
 Concen: 20.305 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

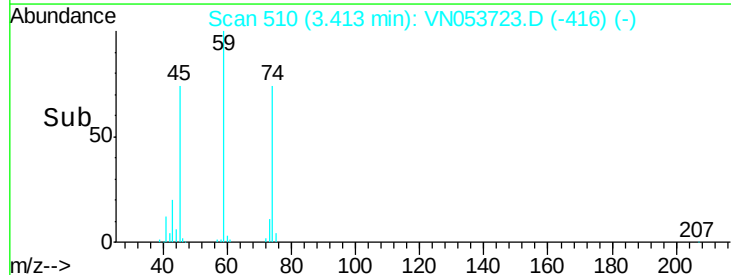
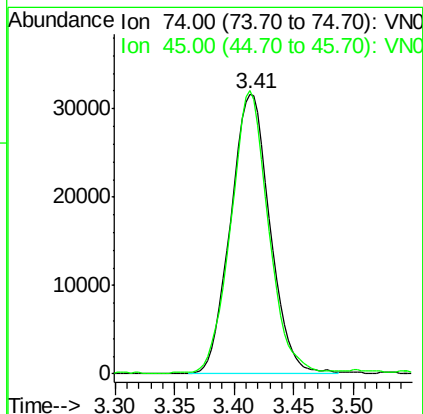
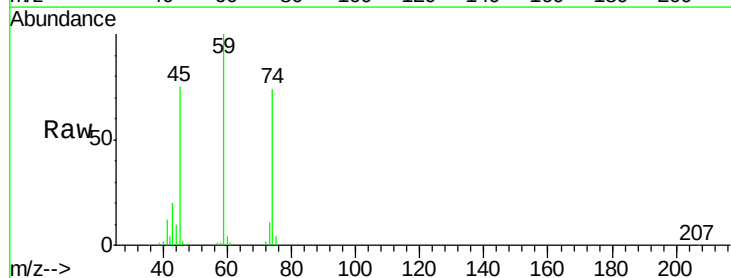
Tot Ion:101 Resp: 207476
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.6 77.4

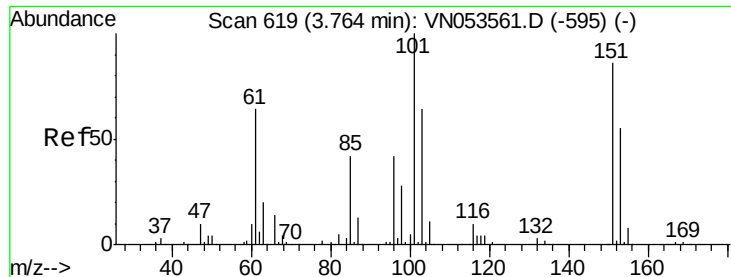


#8

Diethyl Ether
 Concen: 19.499 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion: 74 Resp: 72764
 Ion Ratio Lower Upper
 74 100
 45 95.0 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.915 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD01

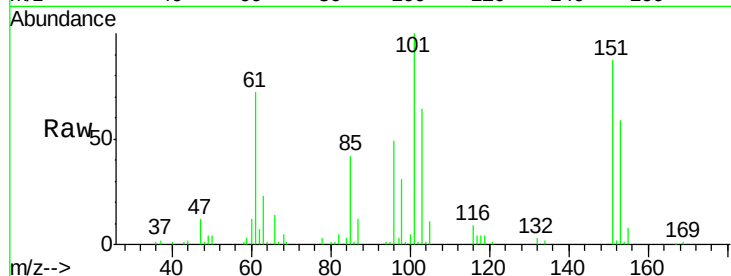
Tot Ion:101 Resp: 119532

Ion Ratio Lower Upper

101 100

85 41.7 32.8 49.2

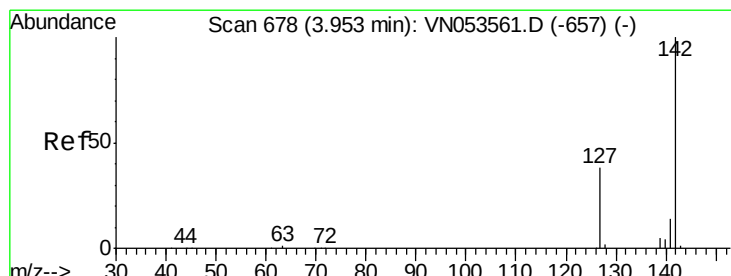
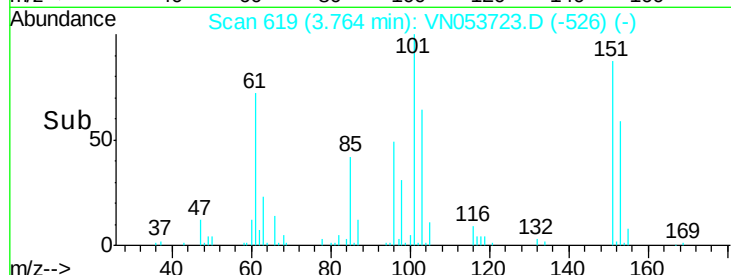
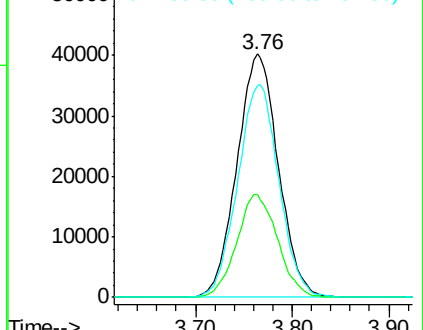
151 87.2 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.602 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

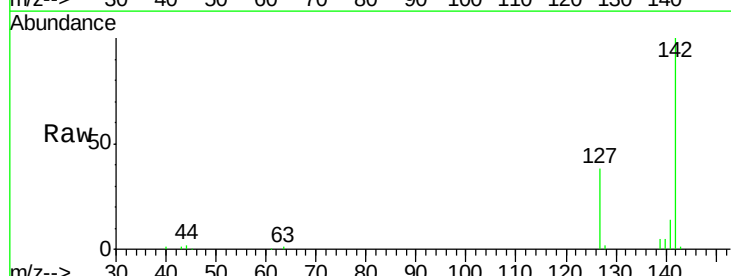
Tgt Ion:142 Resp: 164673

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

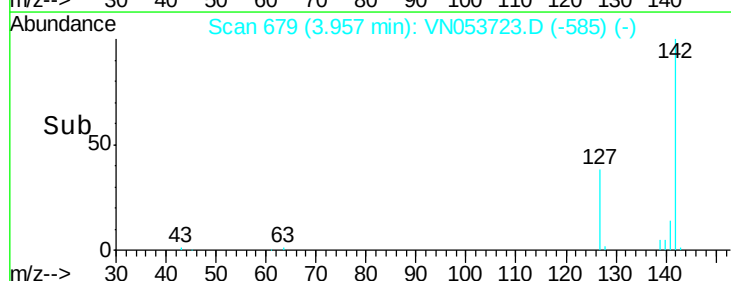
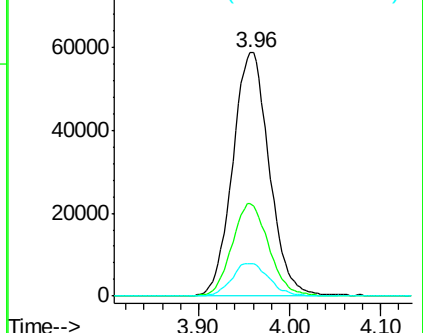
141 13.6 11.1 16.7

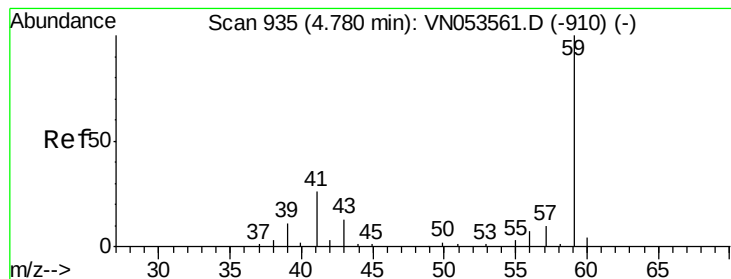


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



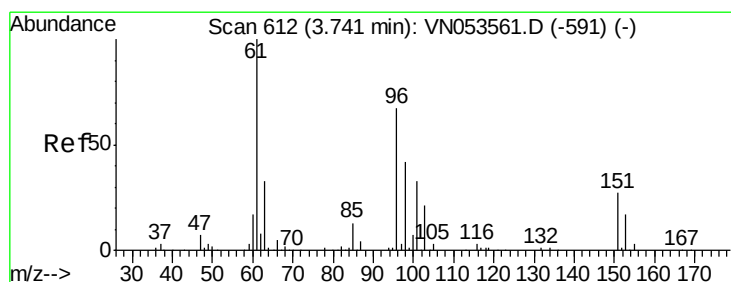
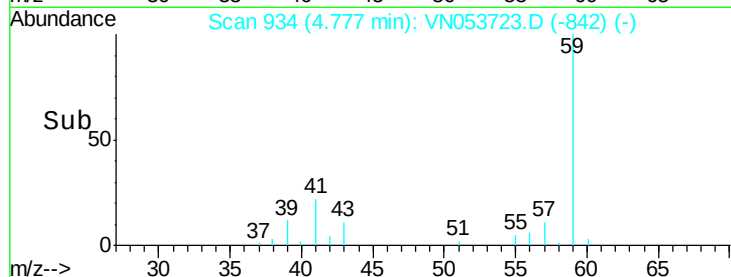
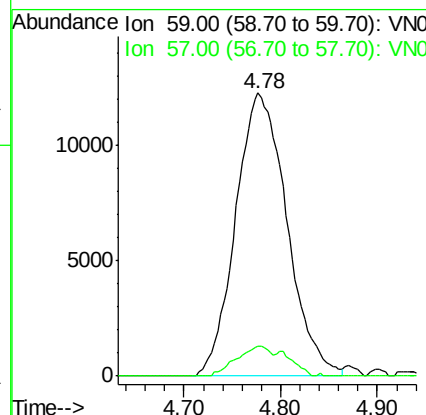
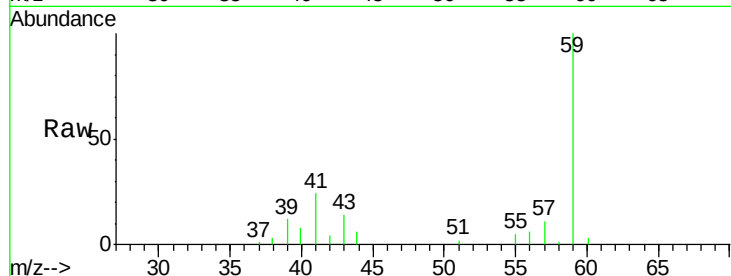


#11

Tert butyl alcohol
 Concen: 115.799 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

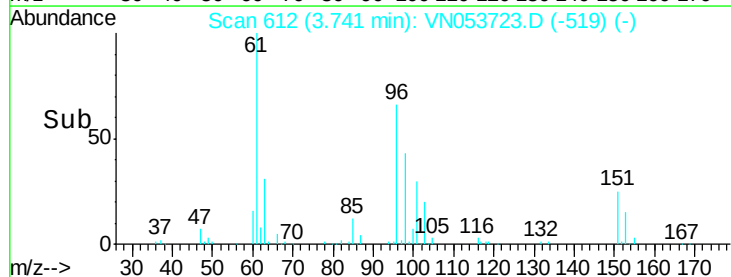
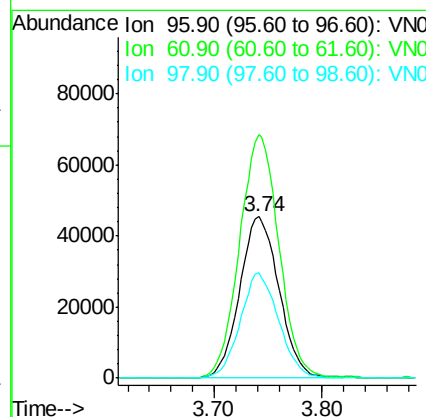
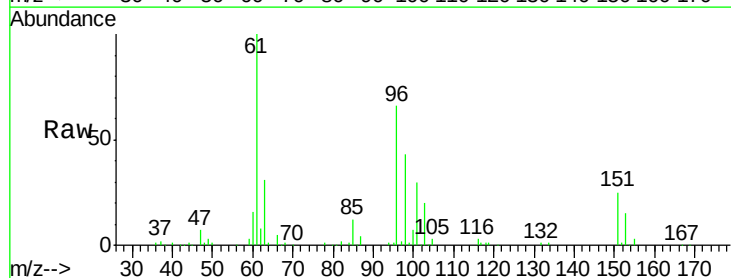
Tot Ion: 59 Resp: 44951
 Ion Ratio Lower Upper
 59 100
 57 7.1 8.2 12.4#

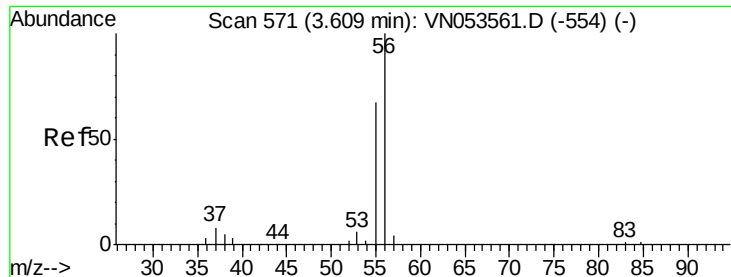


#12

1,1-Dichloroethene
 Concen: 19.031 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion: 96 Resp: 115221
 Ion Ratio Lower Upper
 96 100
 61 150.9 122.9 184.3
 98 65.3 49.4 74.0





#13

Acrolein

Concen: 113.548 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampled :

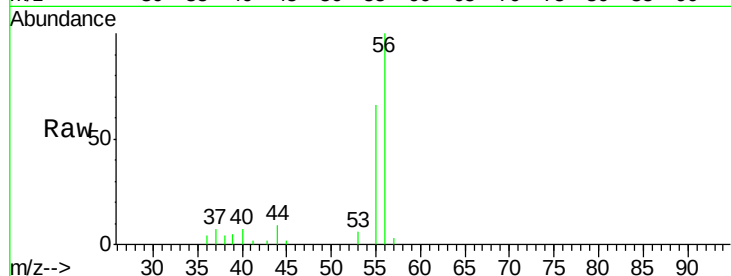
VN0212WBSD01

Tot Ion: 56 Resp: 23998

Ion Ratio Lower Upper

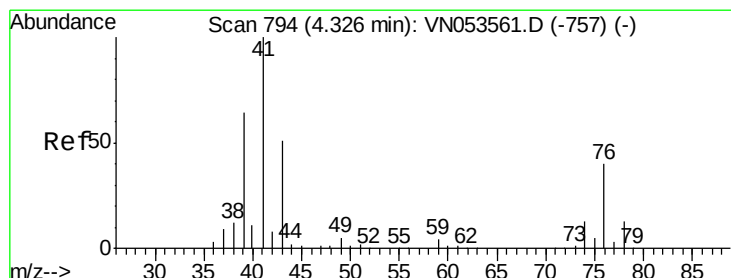
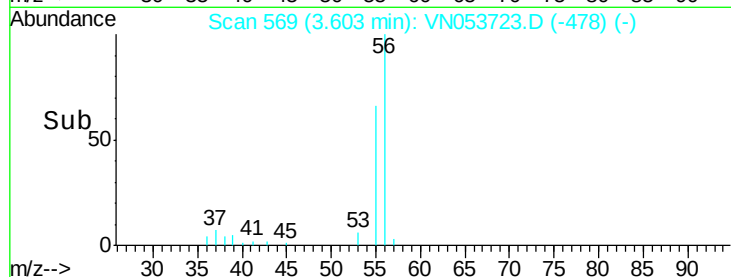
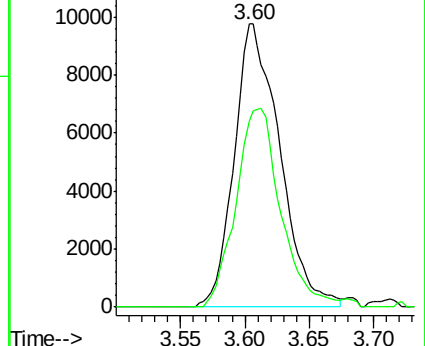
56 100

55 68.9 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: 19.183 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

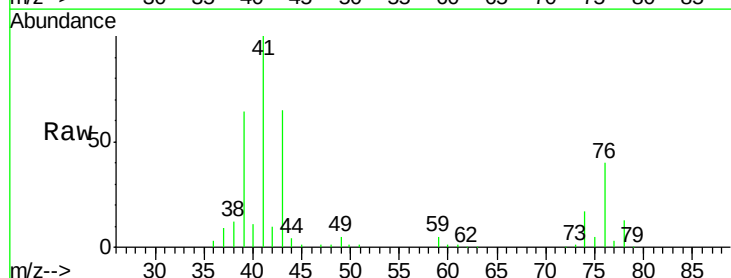
Tgt Ion: 41 Resp: 184922

Ion Ratio Lower Upper

41 100

39 61.9 48.9 73.3

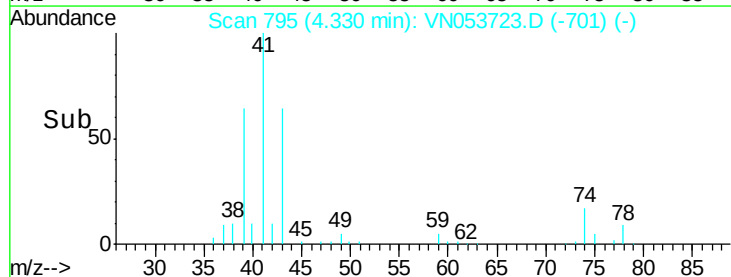
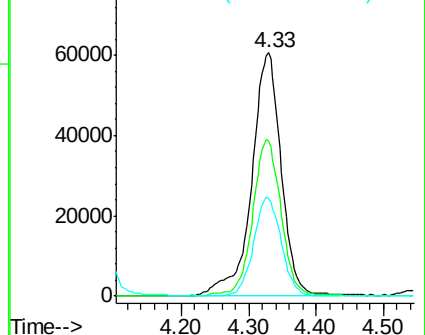
76 37.7 29.4 44.2

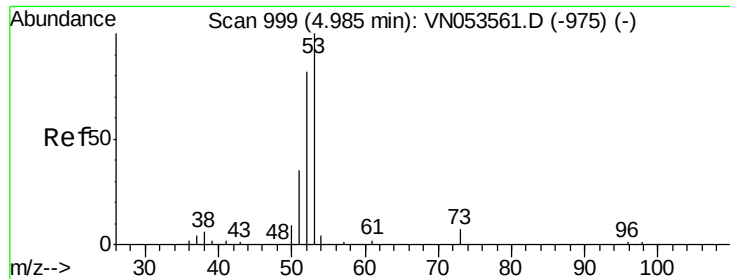


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 109.734 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampled :

VN0212WBSD01

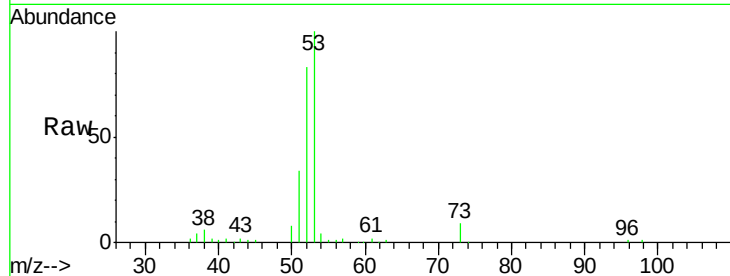
Tot Ion: 53 Resp: 229958

Ion Ratio Lower Upper

53 100

52 83.1 66.0 99.0

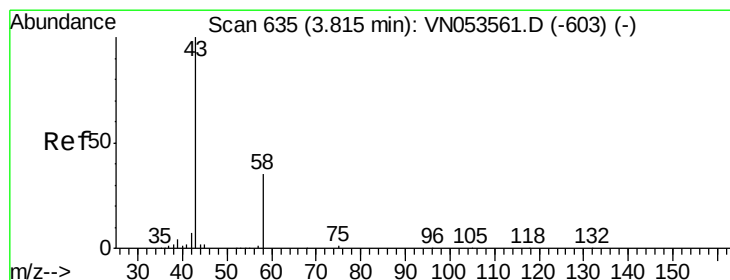
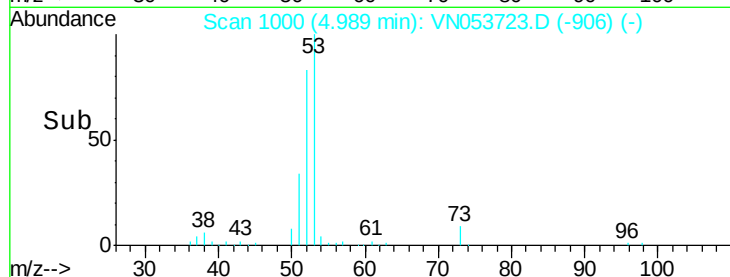
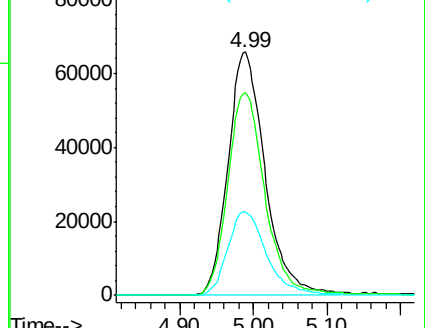
51 36.0 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 107.884 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053723.D

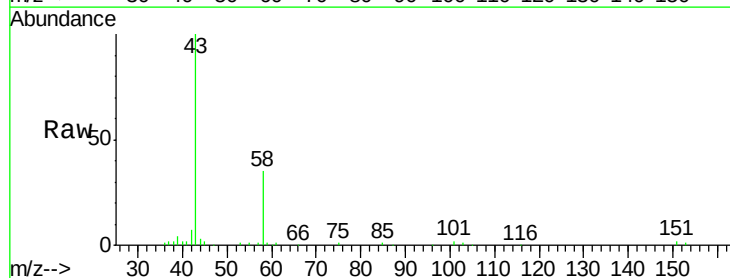
Acq: 12 Feb 2019 11:58

Tgt Ion: 43 Resp: 181505

Ion Ratio Lower Upper

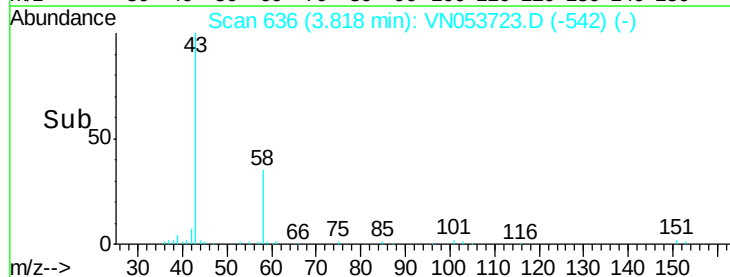
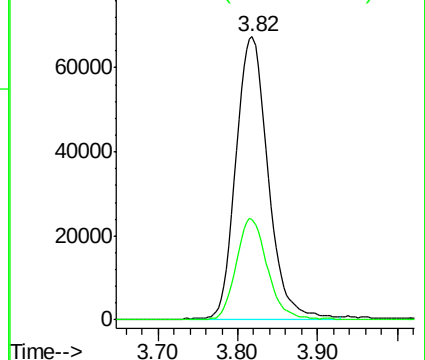
43 100

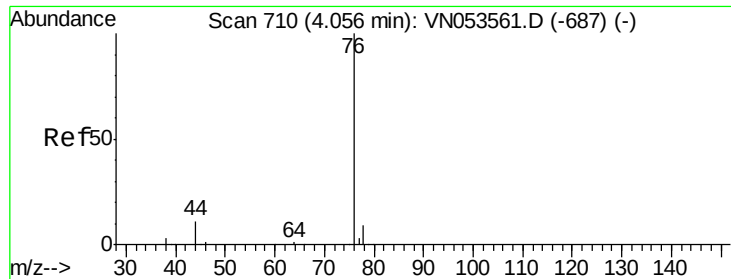
58 35.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

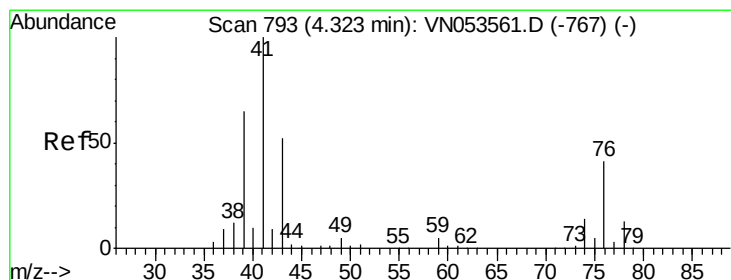
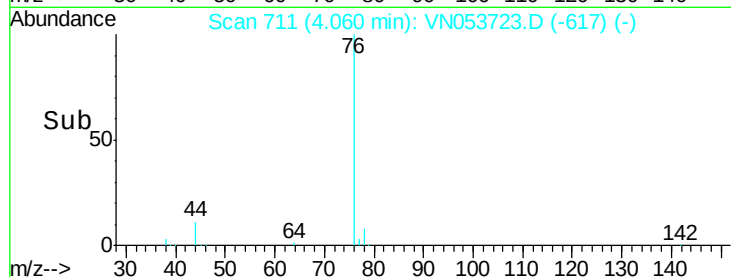
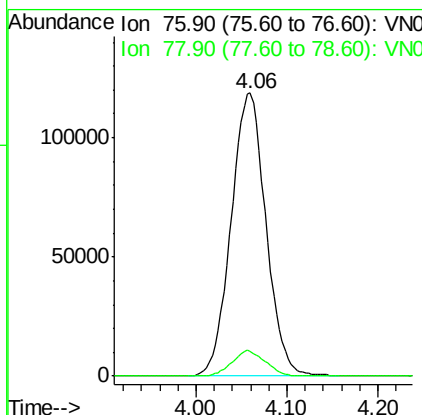
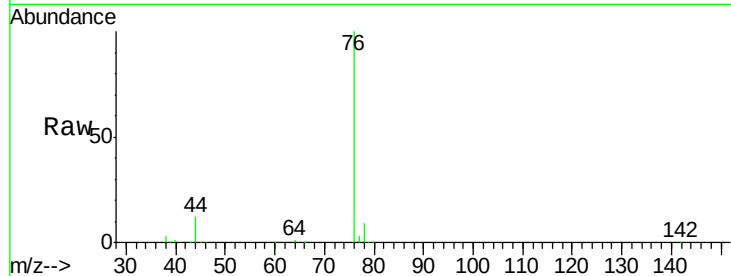




#17
Carbon Disulfide
Concen: 16.774 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

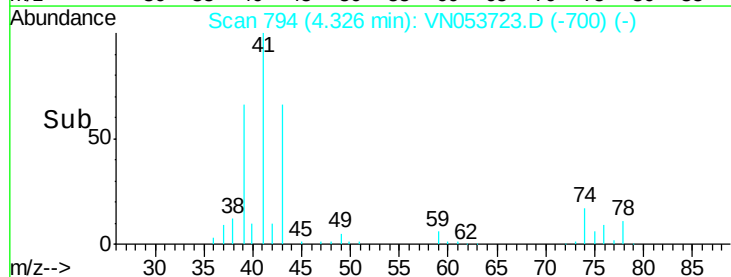
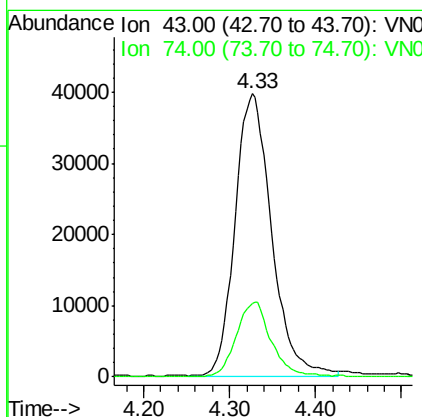
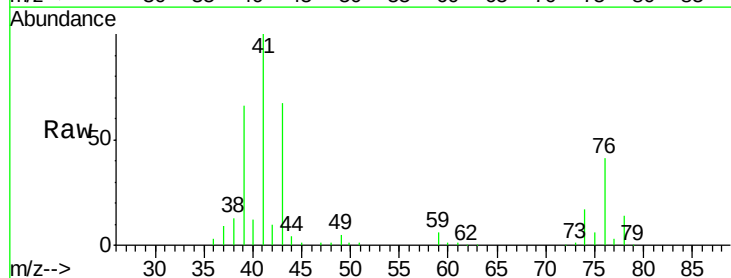
Instrument :
MSVOA_N
ClientSampled :
VN0212WBSD01

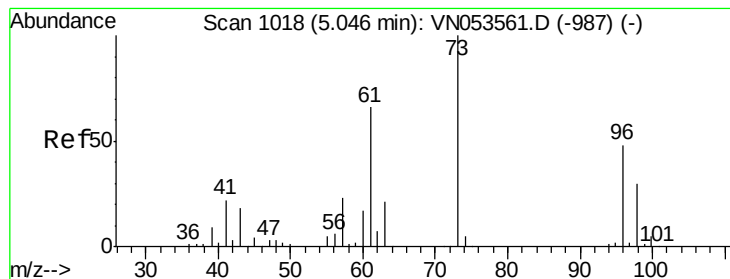
Tot Ion: 76 Resp: 316230
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 23.440 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 43 Resp: 116790
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.2





#19

Methvl tert-butvl Ether

Concen: 21.288 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

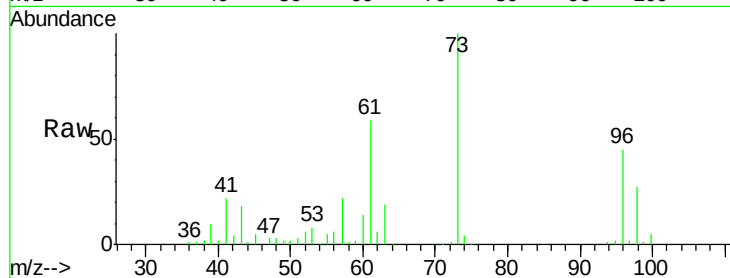
VN0212WBSD01

Tot Ion: 73 Resp: 326741

Ion Ratio Lower Upper

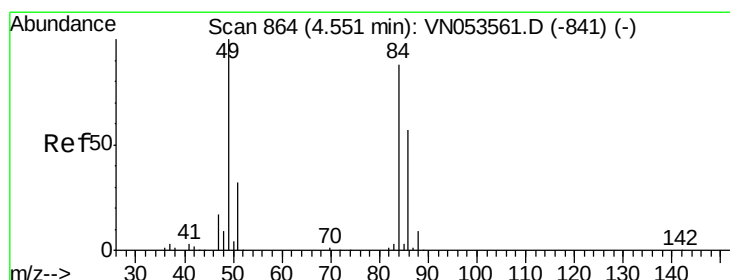
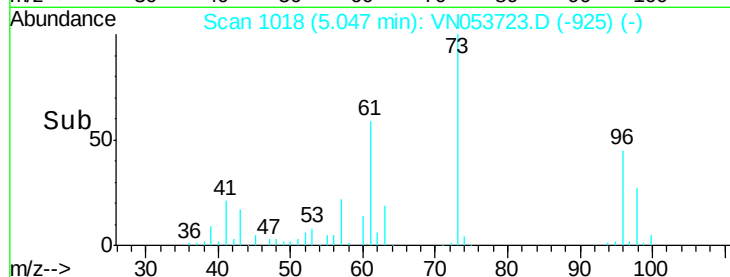
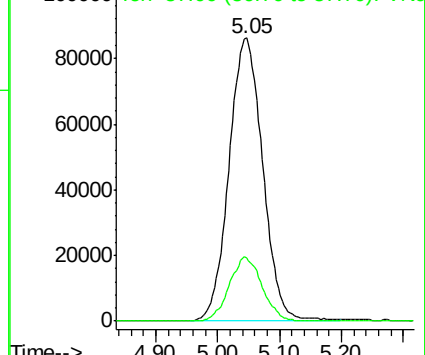
73 100

57 22.3 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 18.945 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Tgt Ion: 84 Resp: 133723

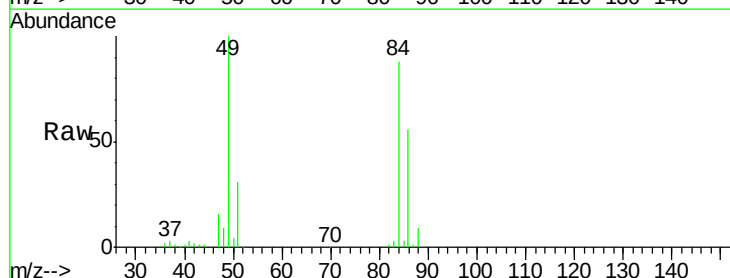
Ion Ratio Lower Upper

84 100

49 113.5 94.3 141.5

51 35.3 29.4 44.2

86 63.5 51.4 77.0

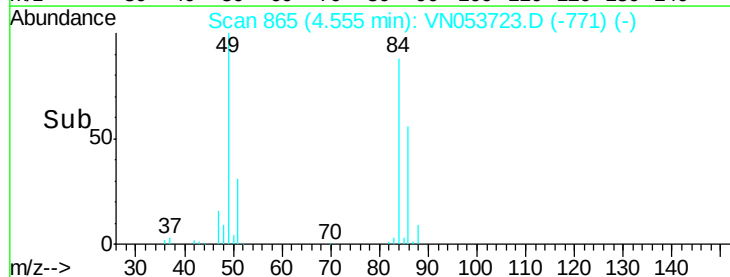
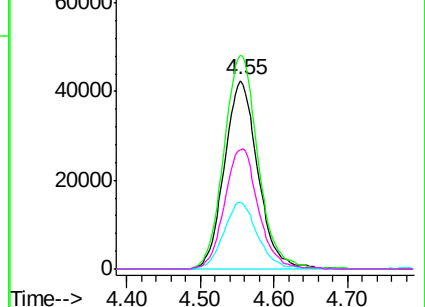


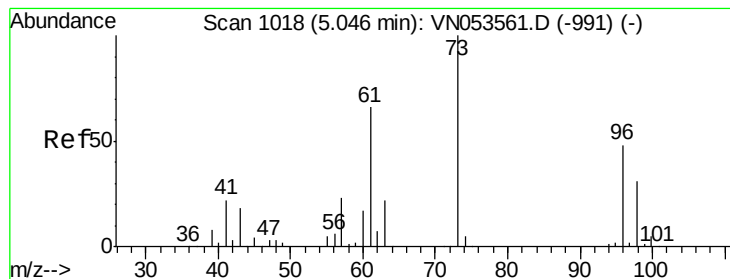
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 18.593 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD01

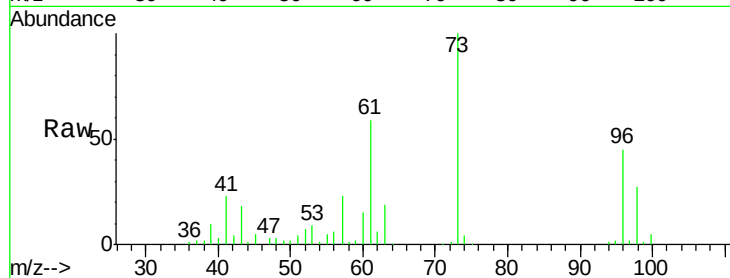
Tot Ion: 96 Resp: 121447

Ion Ratio Lower Upper

96 100

61 130.8 110.1 165.1

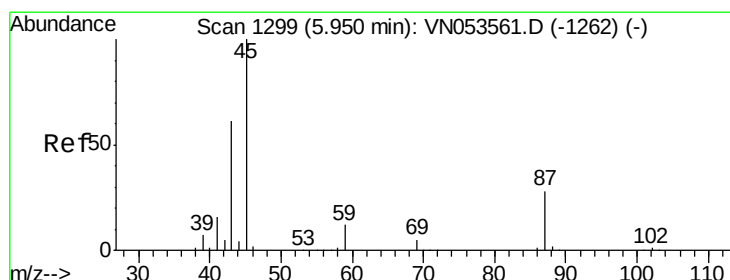
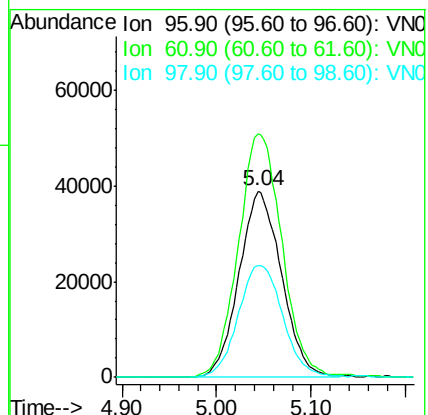
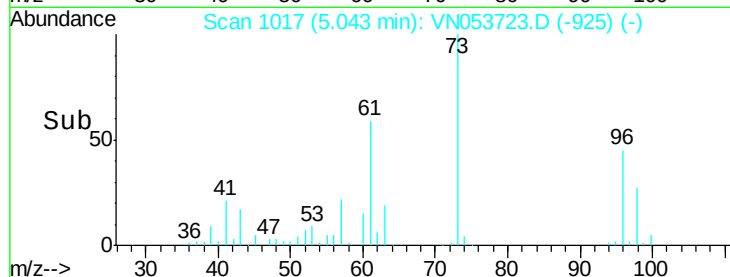
98 60.0 50.0 75.0



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



#22

Diisopropyl ether

Concen: 20.004 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Tgt Ion: 45 Resp: 357311

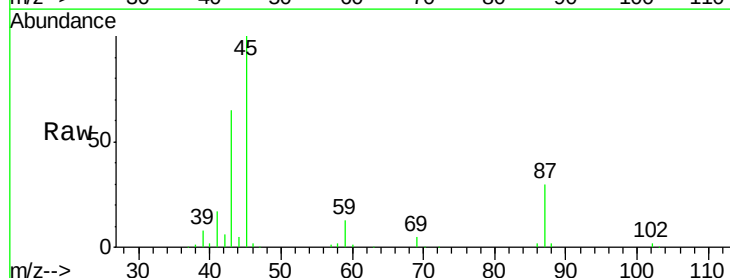
Ion Ratio Lower Upper

45 100

43 60.7 44.2 66.4

87 28.7 22.7 34.1

59 12.5 9.4 14.2

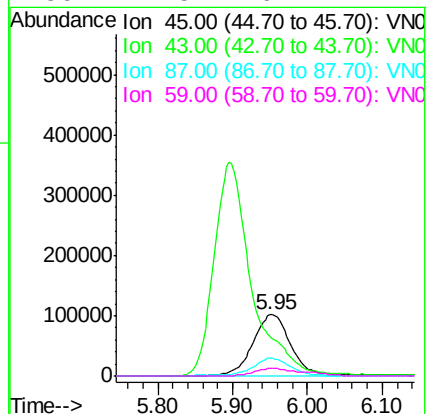
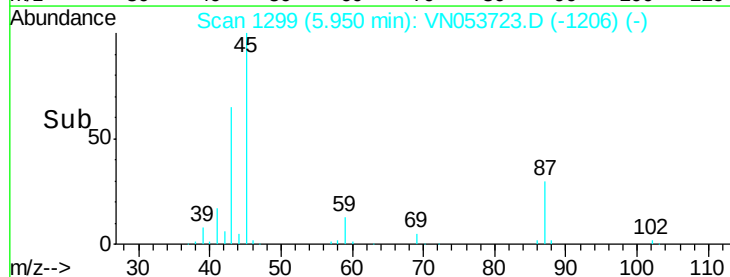


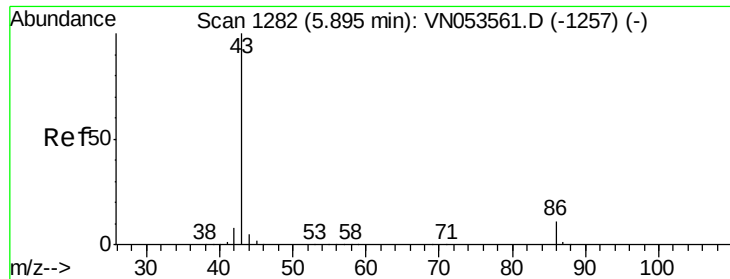
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 100.238 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

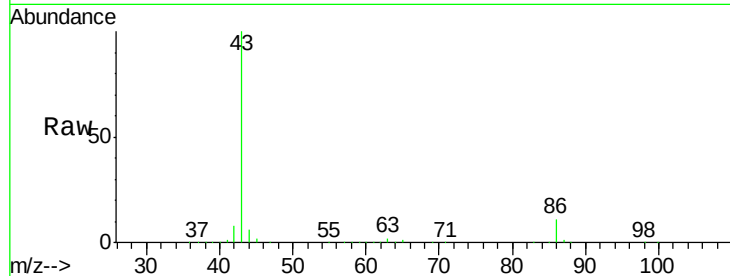
VN0212WBSD01

Tot Ion: 43 Resp: 1238625

Ion Ratio Lower Upper

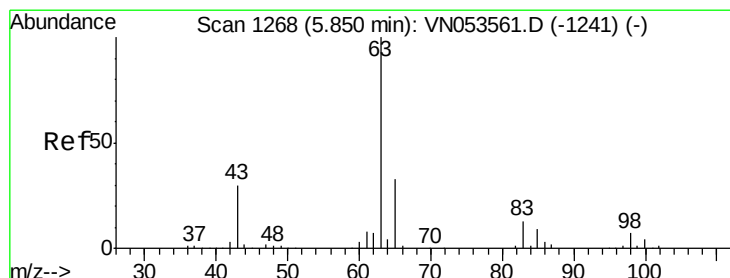
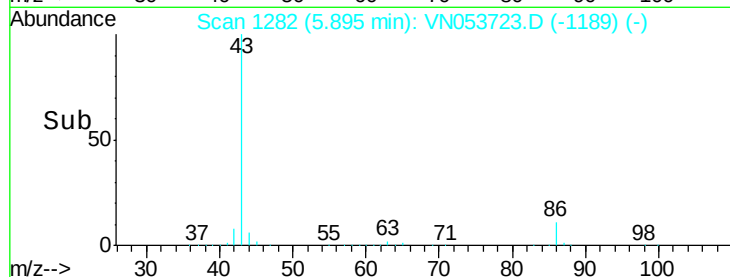
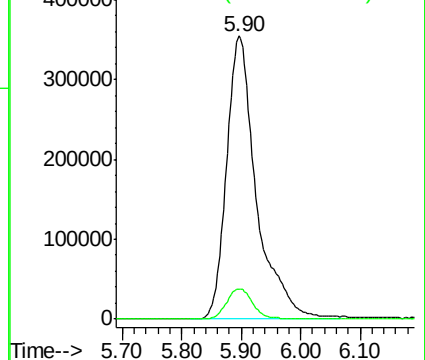
43 100

86 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.466 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

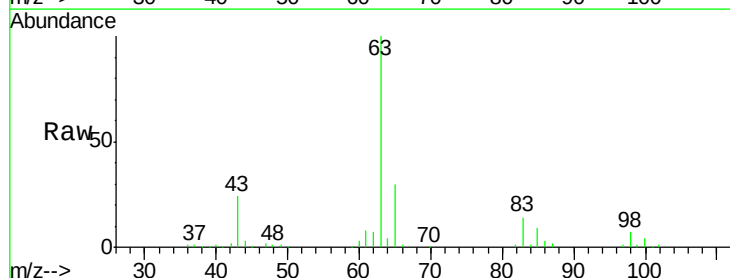
Tgt Ion: 63 Resp: 231916

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

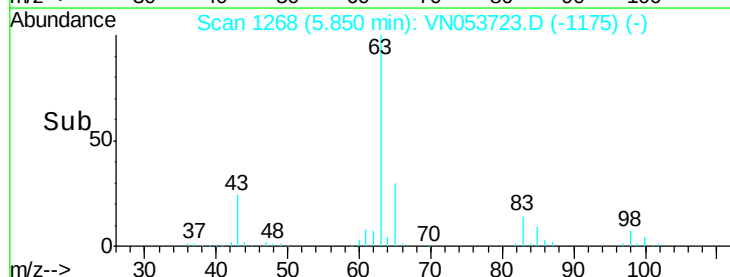
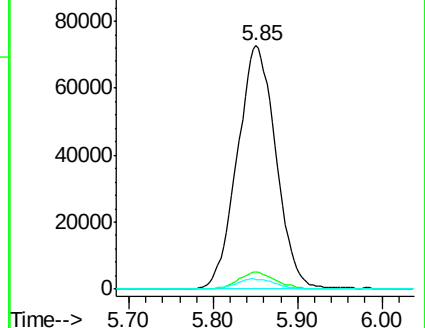
100 3.8 2.1 6.5

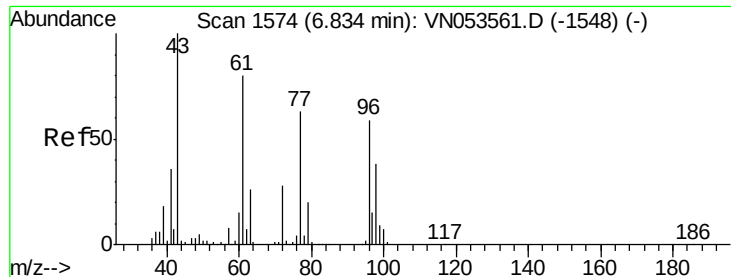


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

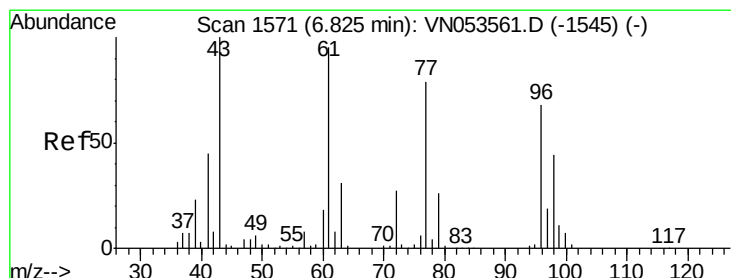
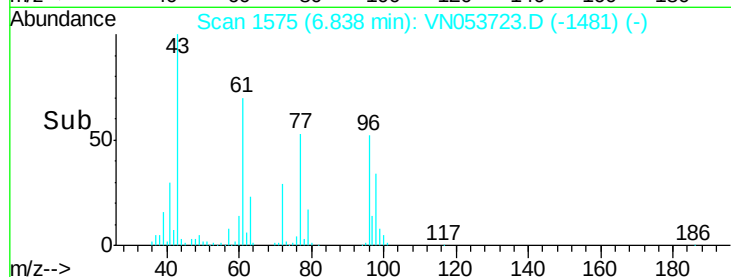
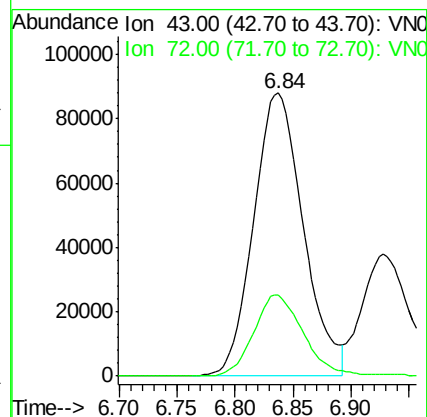
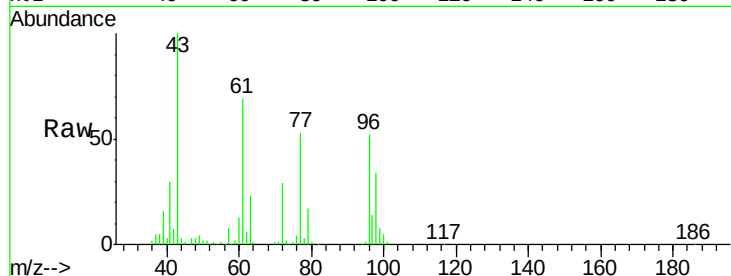




#25
2-Butanone
Concen: 108.636 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

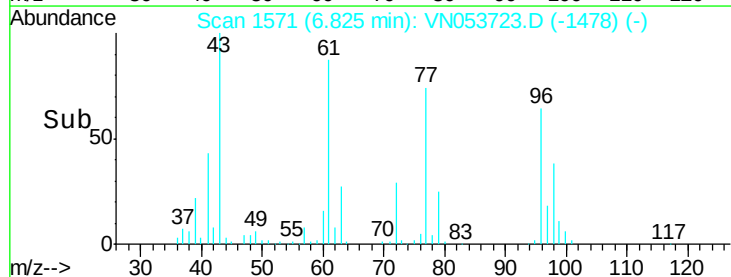
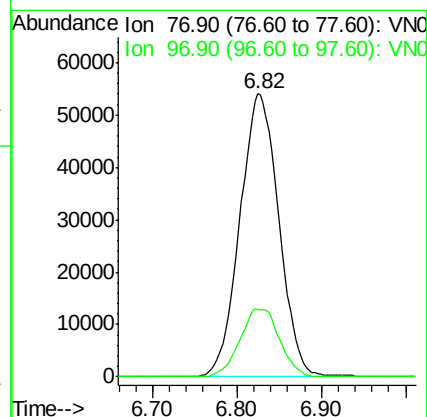
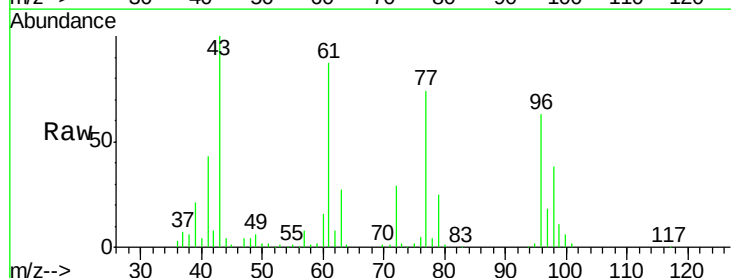
Instrument :
MSVOA_N
ClientSampled :
VN0212WBSD01

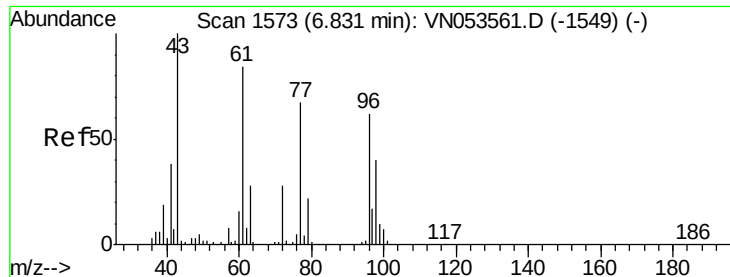
Tot Ion: 43 Resp: 260670
Ion Ratio Lower Upper
43 100
72 28.6 22.0 33.0



#26
2,2-Dichloropropane
Concen: 19.058 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 77 Resp: 173326
Ion Ratio Lower Upper
77 100
97 24.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.731 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD01

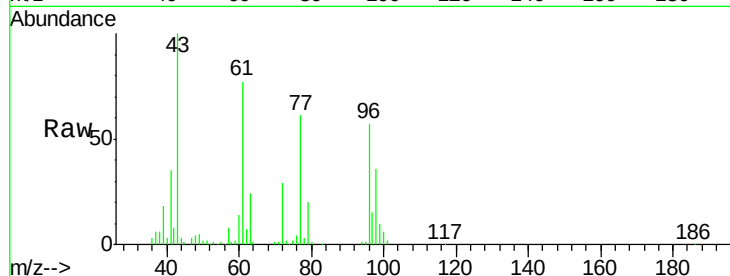
Tot Ion: 96 Resp: 143309

Ion Ratio Lower Upper

96 100

61 136.0 0.0 283.8

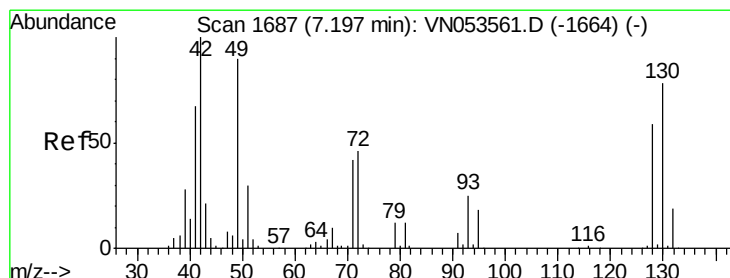
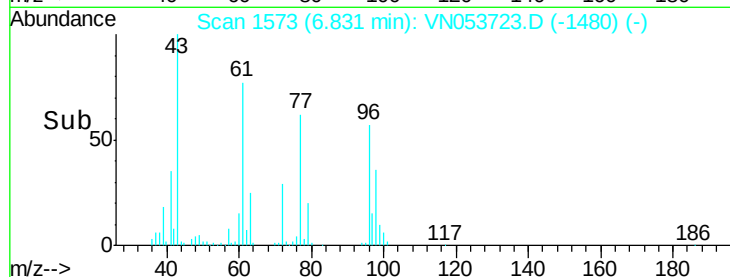
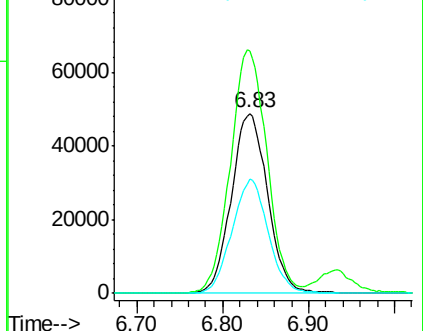
98 63.2 0.0 129.2



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: 20.853 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

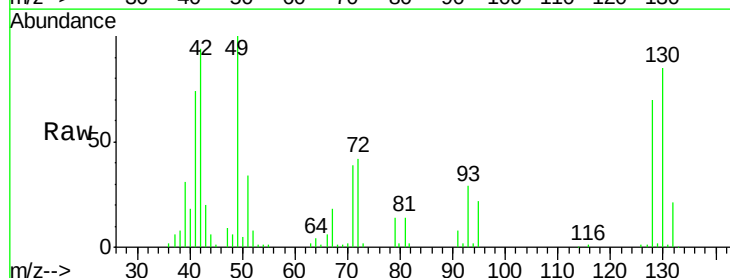
Tgt Ion: 49 Resp: 107813

Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

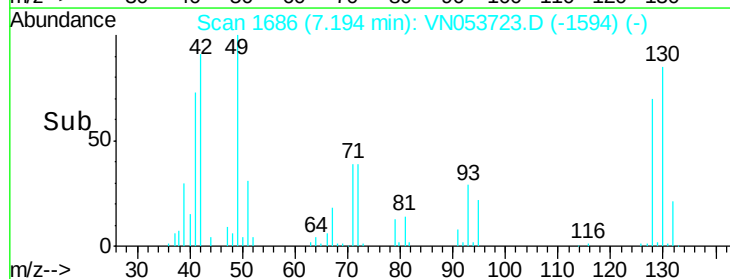
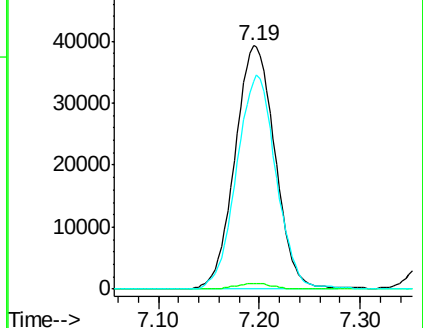
130 87.3 66.3 99.5

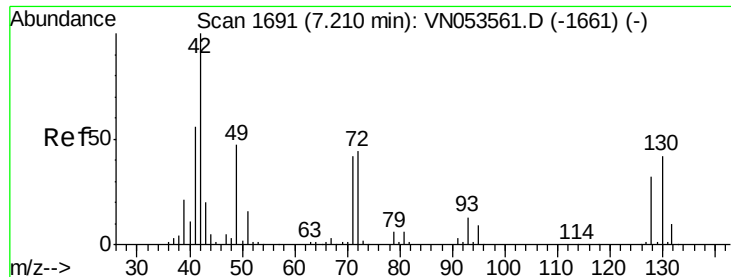


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

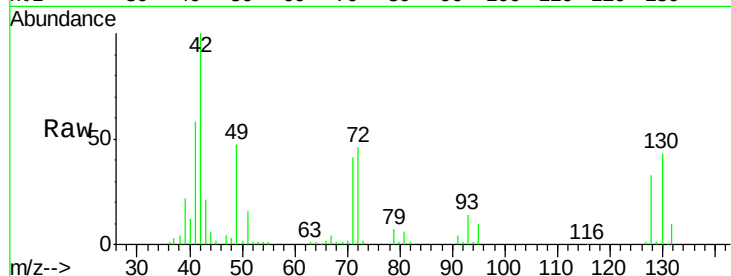




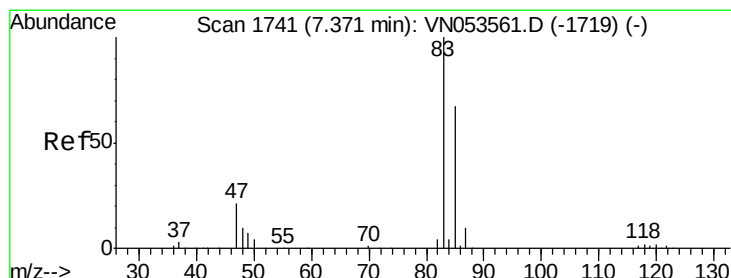
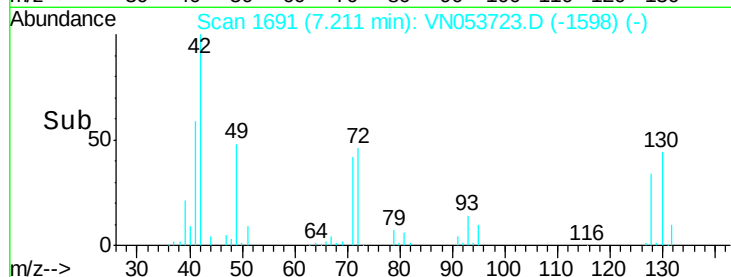
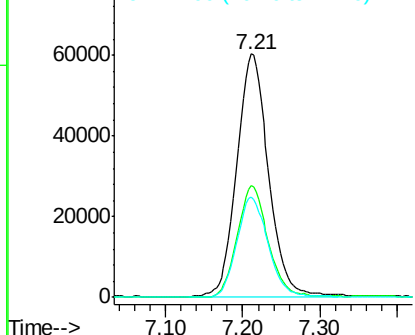
#29
Tetrahydrofuran
Concen: 112.264 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD01

Tot Ion: 42 Resp: 172975
Ion Ratio Lower Upper
42 100
72 44.6 35.2 52.8
71 40.1 33.0 49.4

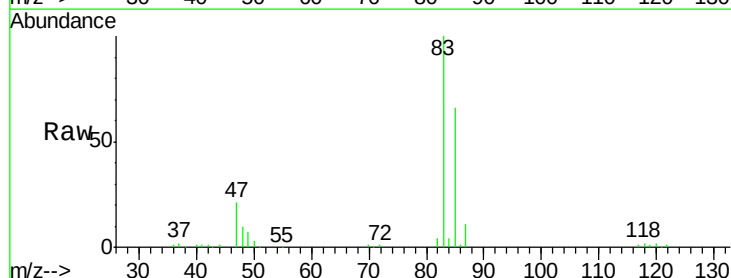


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

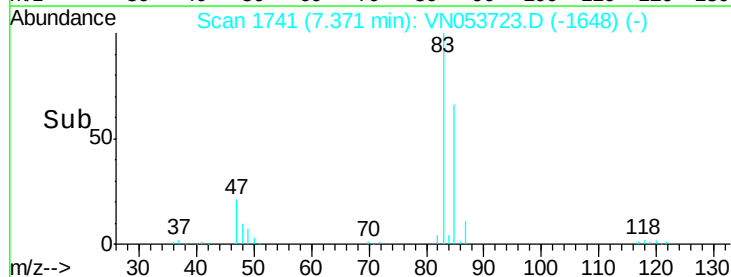
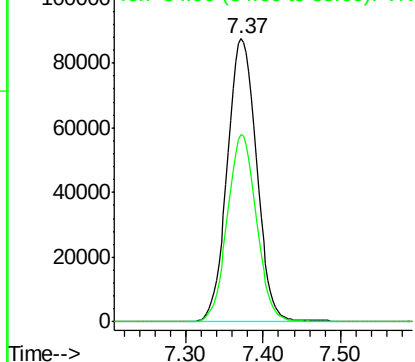


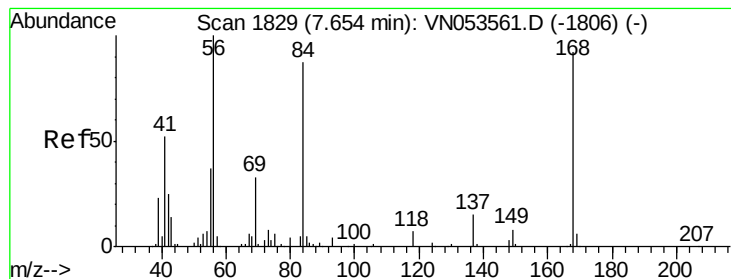
#30
Chloroform
Concen: 19.466 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 83 Resp: 229894
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.2



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





#31

Cyclohexane

Concen: 18.072 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD01

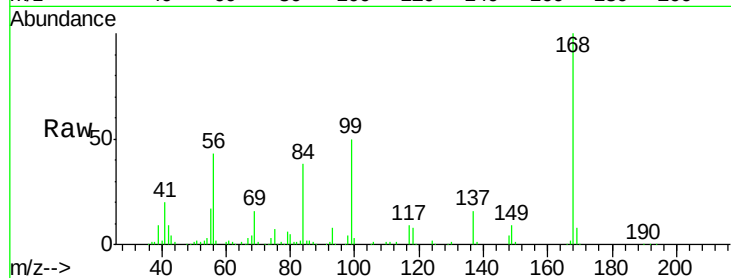
Tot Ion: 56 Resp: 201657

Ion Ratio Lower Upper

56 100

69 36.2 26.4 39.6

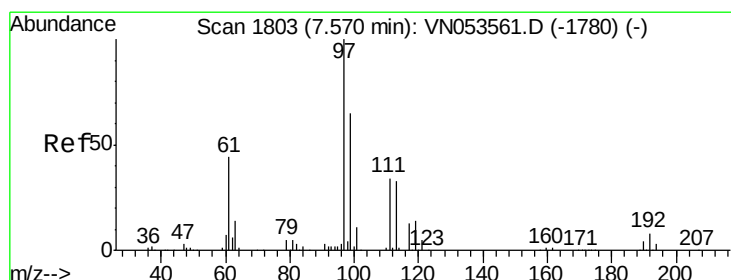
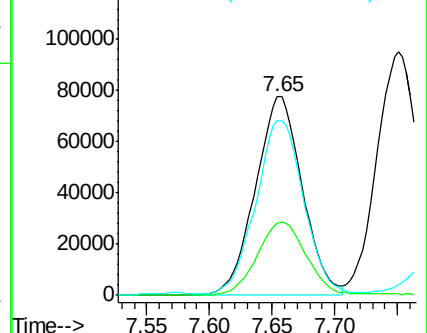
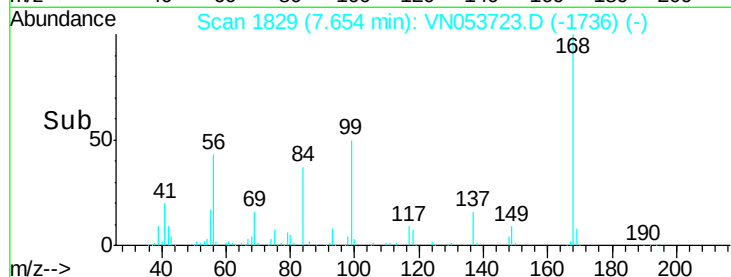
84 86.6 67.9 101.9



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: 19.564 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

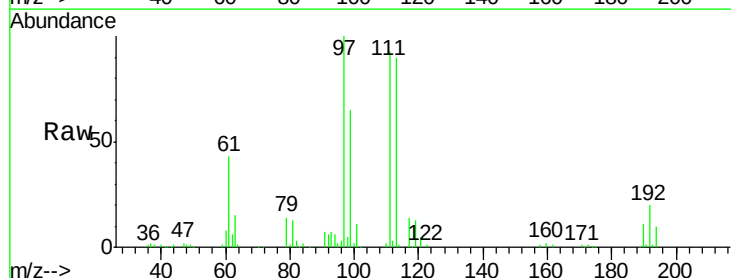
Tgt Ion: 97 Resp: 192287

Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

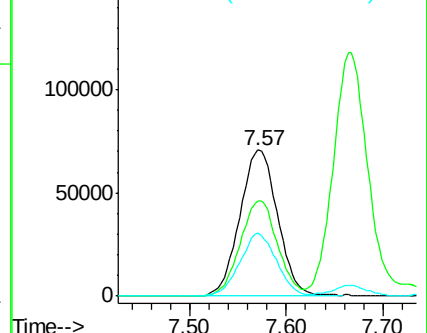
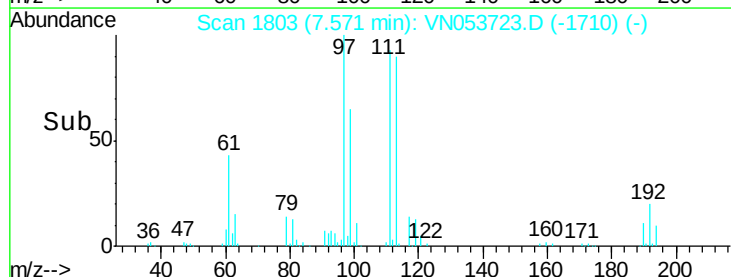
61 41.6 34.4 51.6

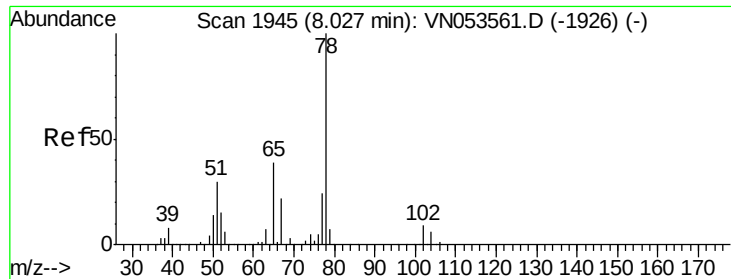


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

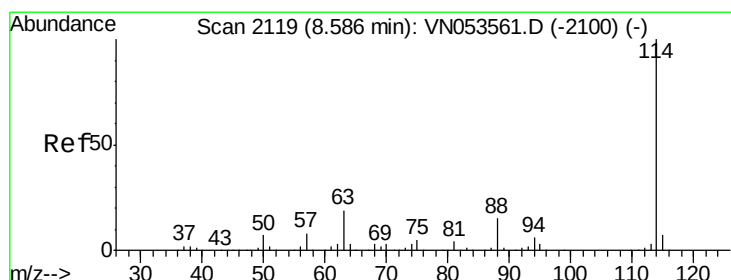
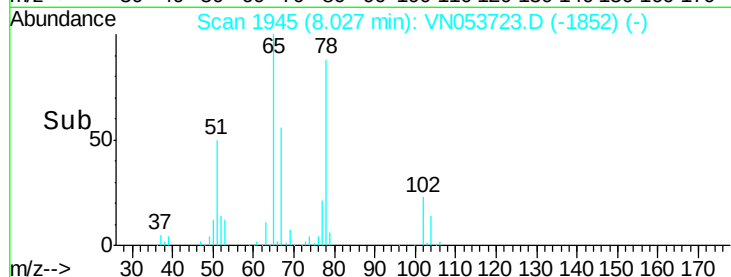
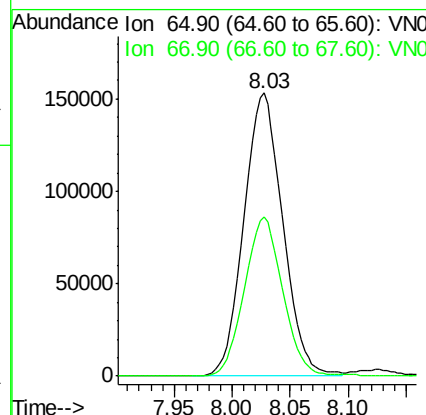
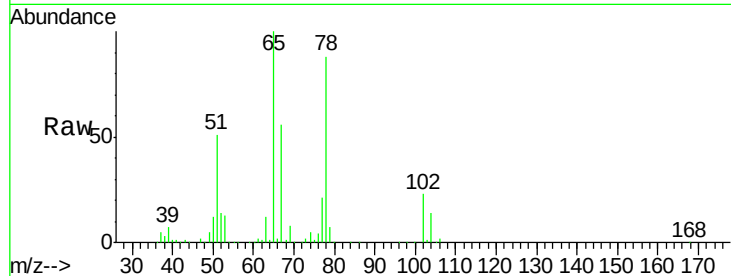




#33
 1,2-Dichloroethane-d4
 Concen: 54.600 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

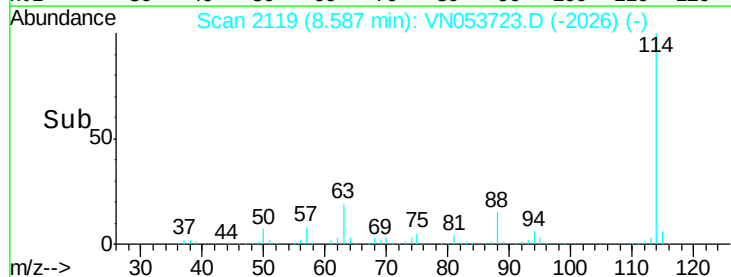
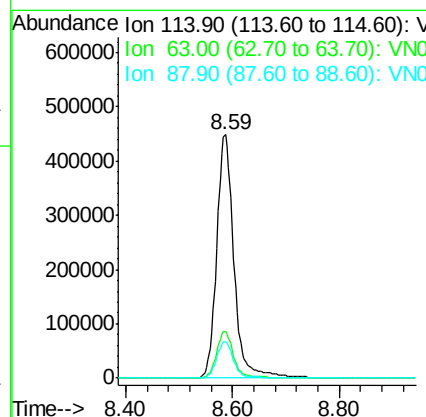
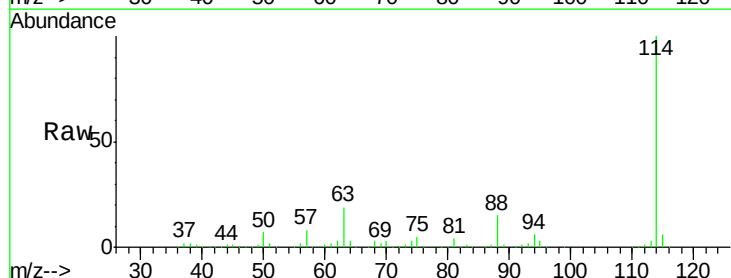
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

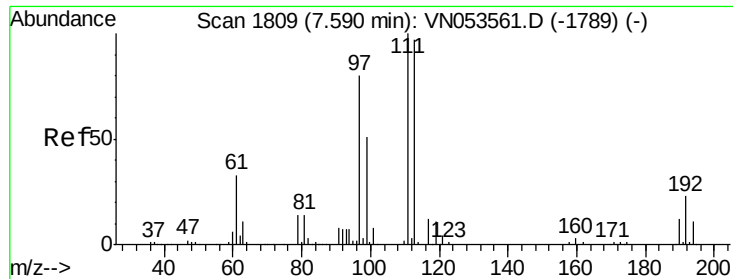
Tot Ion: 65 Resp: 358123
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion: 114 Resp: 1010451
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 14.9 0.0 30.4

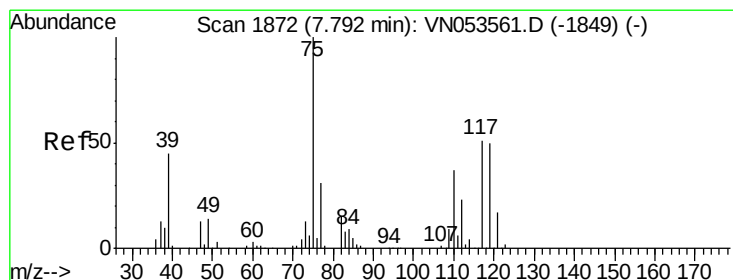
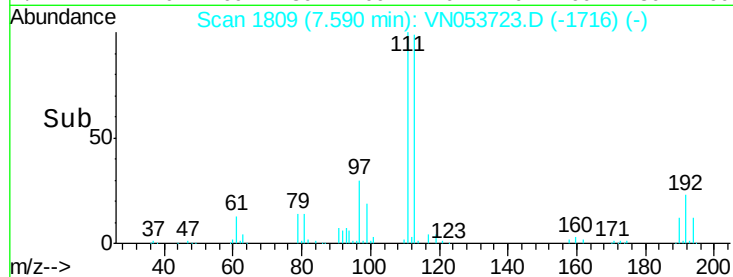
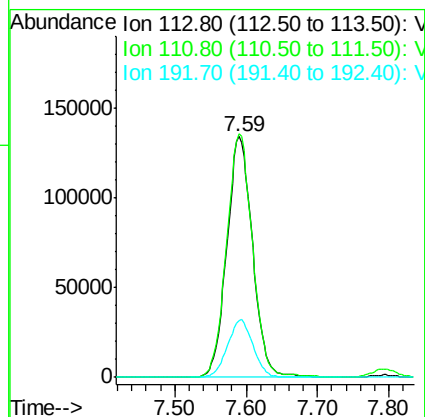
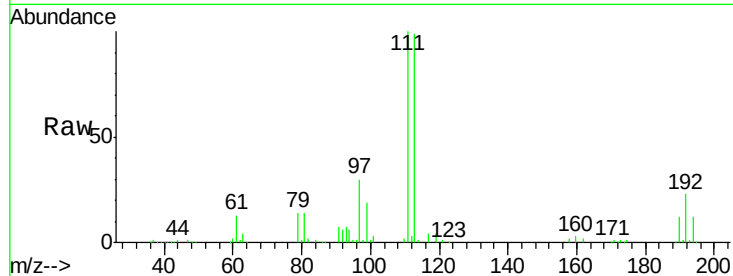




#35
 Dibromofluoromethane
 Concen: 52.915 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

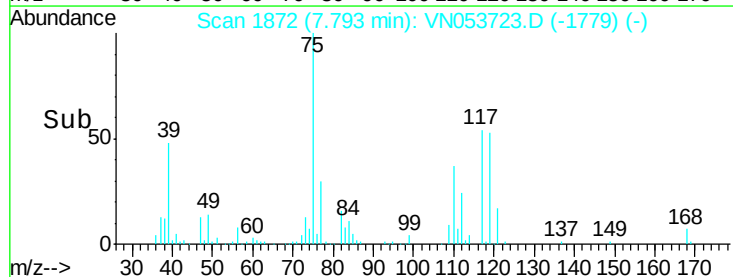
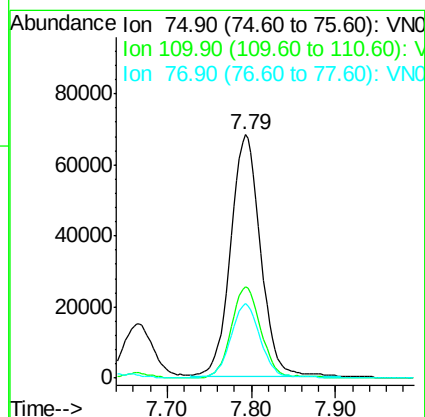
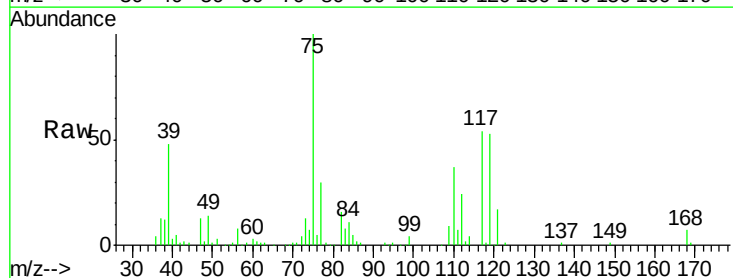
Instrument :
 MSVOA_N
 ClientSampled :
 VN0212WBSD01

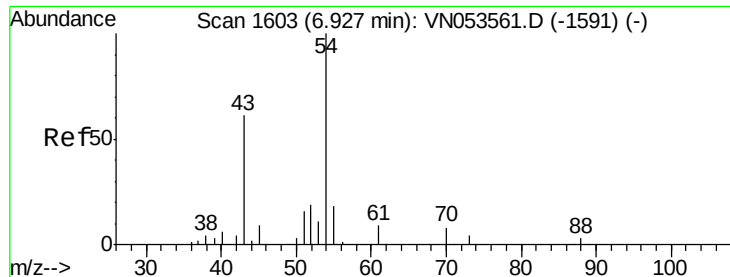
Tot Ion:113 Resp: 337846
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 23.7 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 18.388 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion: 75 Resp: 167485
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.1 54.3
 77 31.1 25.1 37.7

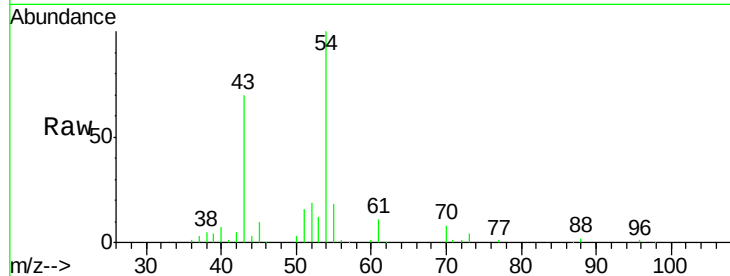




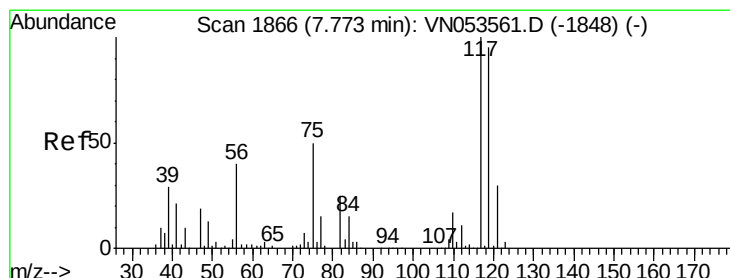
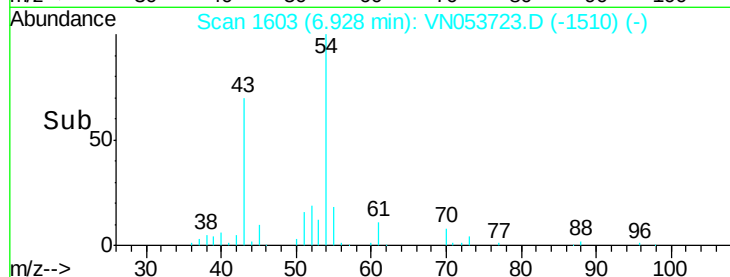
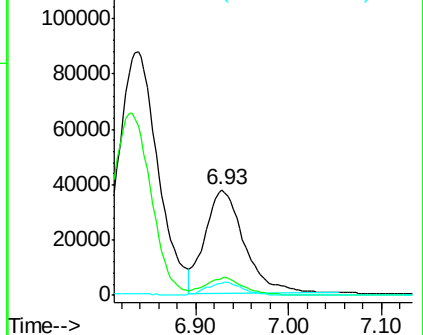
#37
Ethyl Acetate
Concen: 21.702 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD01

Tot Ion: 43 Resp: 110403
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 11.9 8.6 12.8

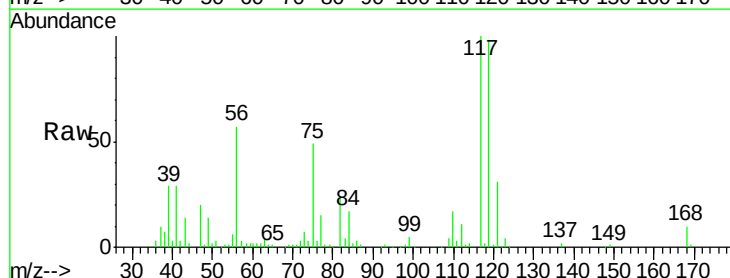


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

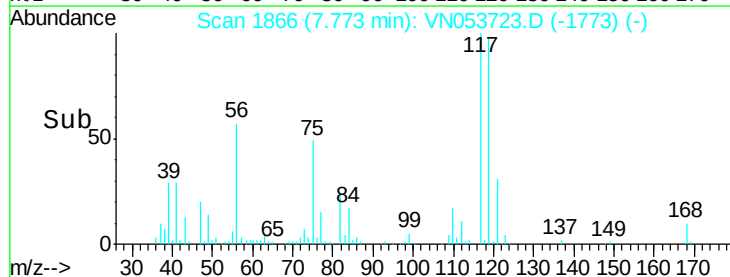
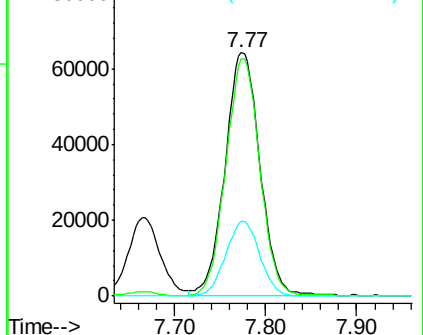


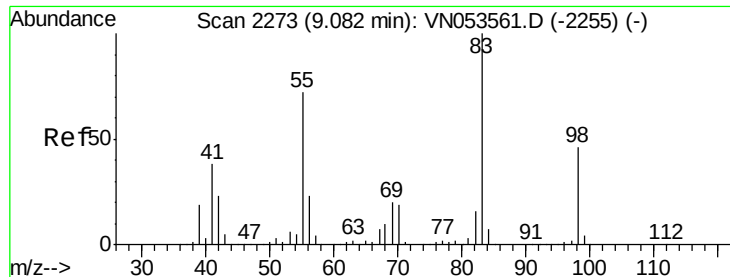
#38
Carbon Tetrachloride
Concen: 18.585 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 117 Resp: 170531
Ion Ratio Lower Upper
117 100
119 97.8 77.2 115.8
121 30.7 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

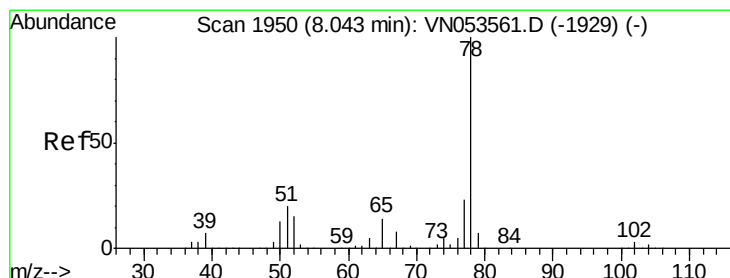
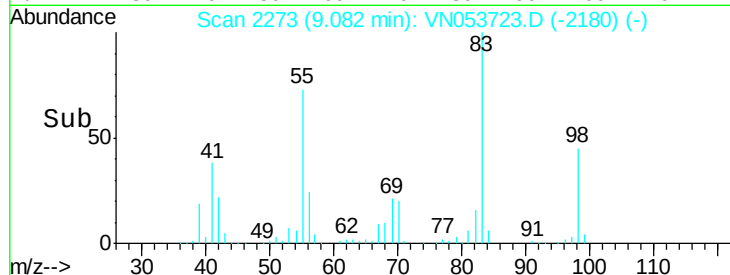
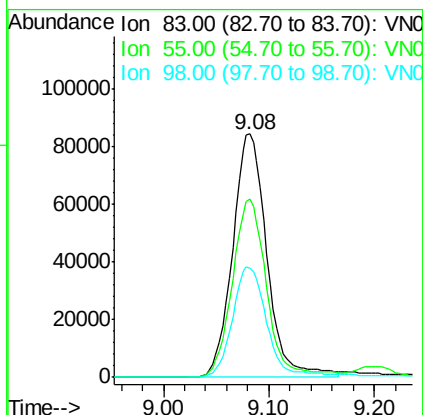
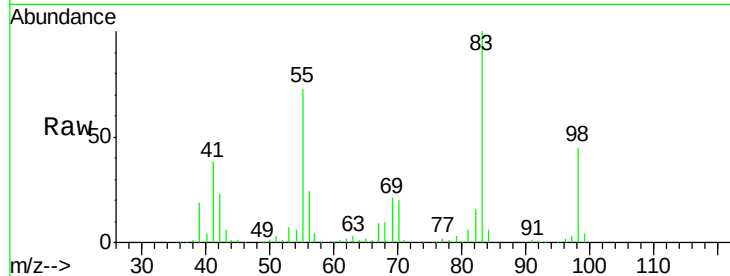




#39
Methylvlcyclohexane
Concen: 17.582 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

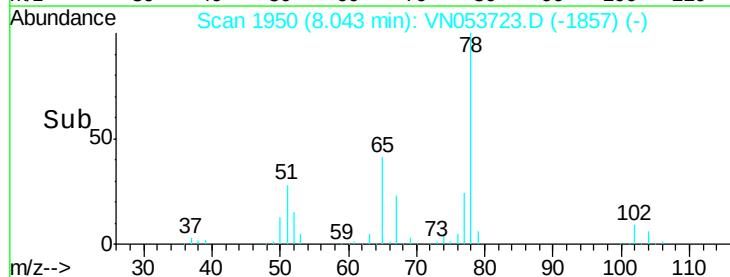
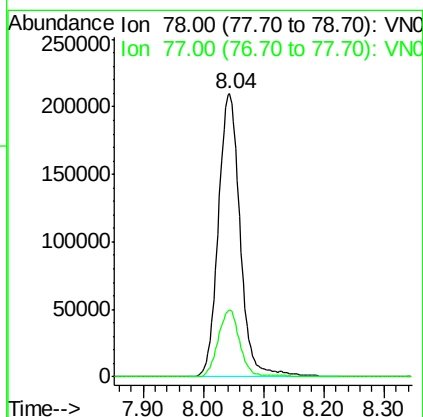
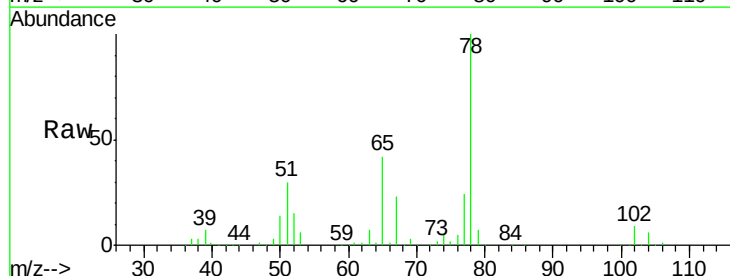
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD01

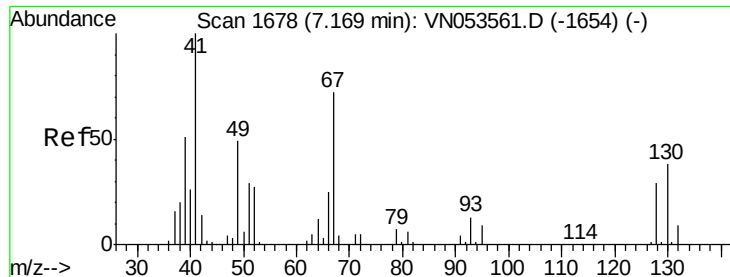
Tot Ion: 83 Resp: 190000
Ion Ratio Lower Upper
83 100
55 73.2 60.1 90.1
98 44.8 36.6 55.0



#40
Benzene
Concen: 18.639 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 78 Resp: 523549
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2





#41

Methacrylonitrile

Concen: 20.025 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleID :

VN0212WBSD01

Tot Ion: 41 Resp: 56936

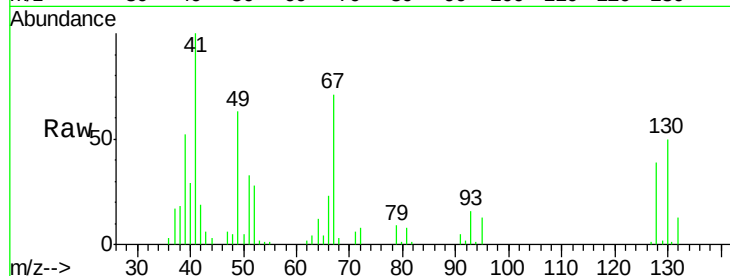
Ion Ratio Lower Upper

41 100

39 59.8 46.8 70.2

67 95.3 63.0 94.6#

52 36.1 23.8 35.8#

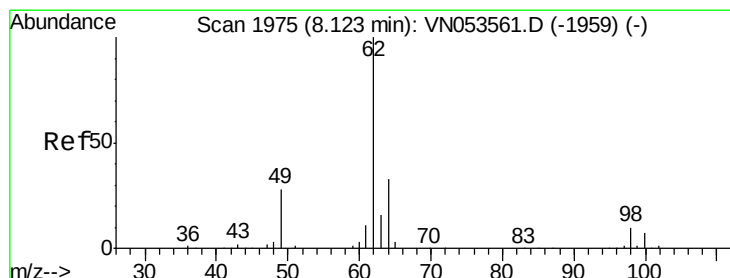
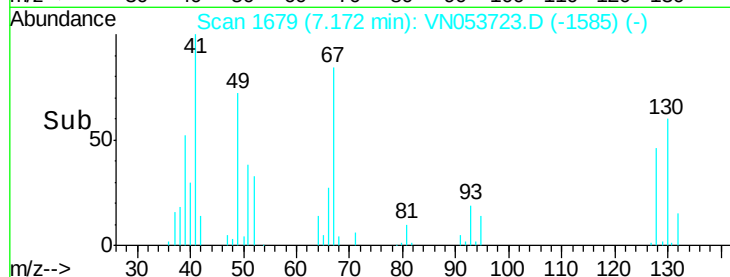
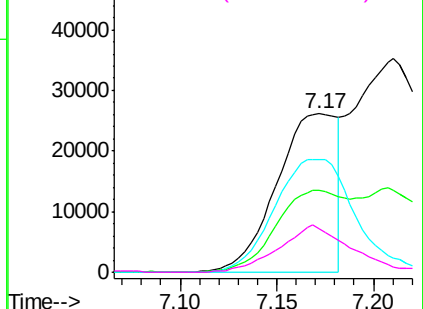


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 18.928 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053723.D

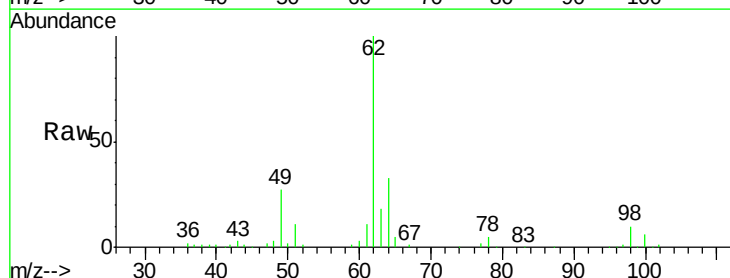
Acq: 12 Feb 2019 11:58

Tgt Ion: 62 Resp: 157857

Ion Ratio Lower Upper

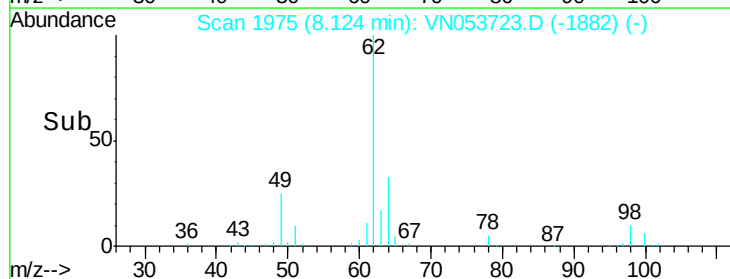
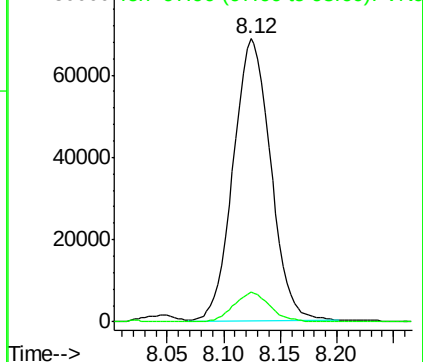
62 100

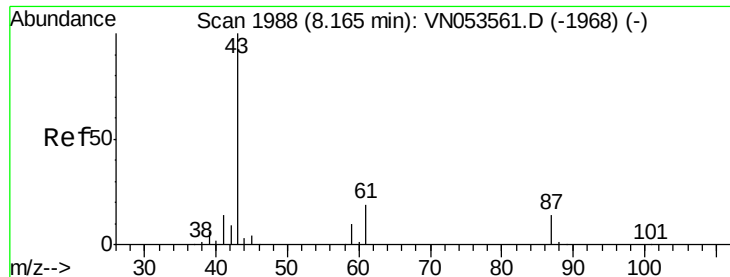
98 10.1 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.333 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD01

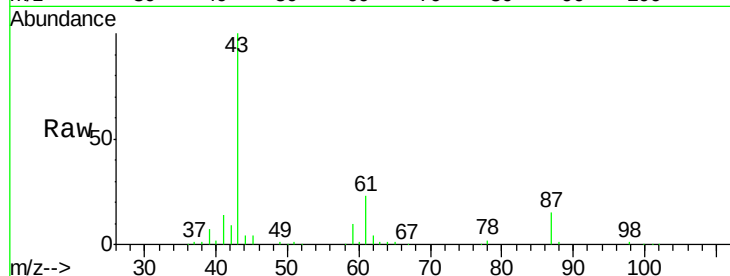
Tot Ion: 43 Resp: 199758

Ion Ratio Lower Upper

43 100

61 27.9 23.9 35.9

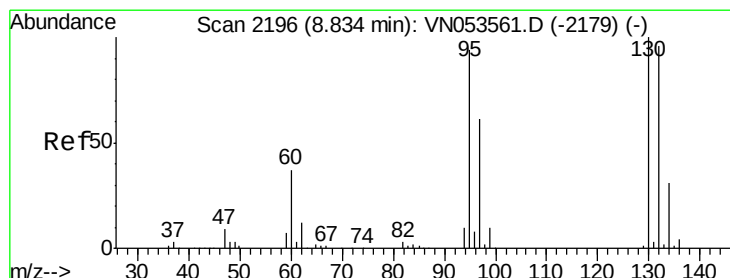
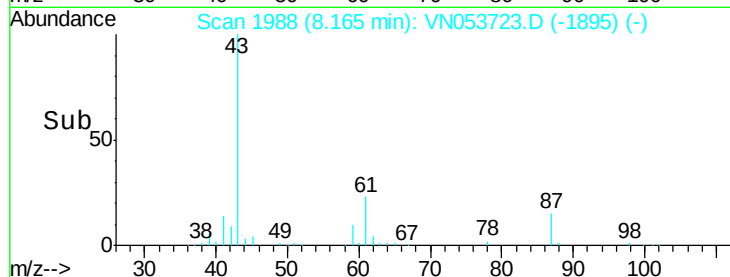
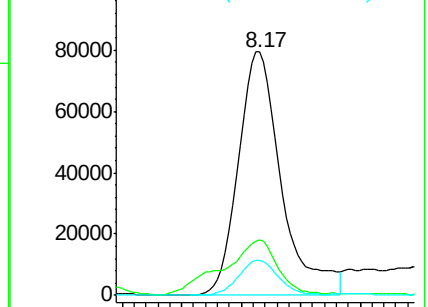
87 13.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053723.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN053723.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN053723.D (-1895) (-)



#44

Trichloroethene

Concen: 18.689 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN053723.D

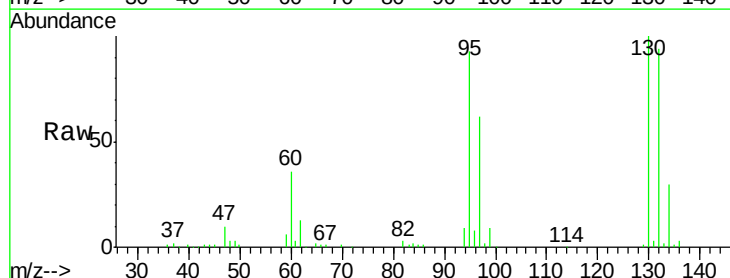
Acq: 12 Feb 2019 11:58

Tgt Ion:130 Resp: 149452

Ion Ratio Lower Upper

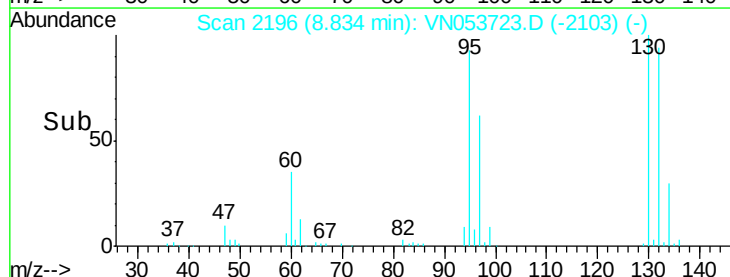
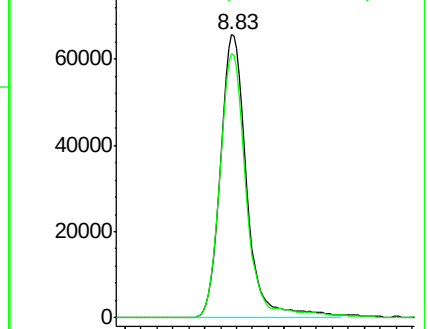
130 100

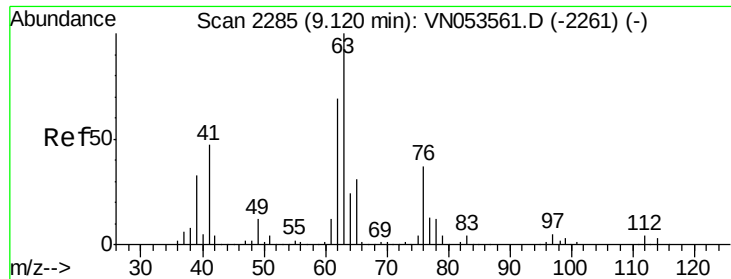
95 93.5 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053723.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN053723.D (-2103) (-)

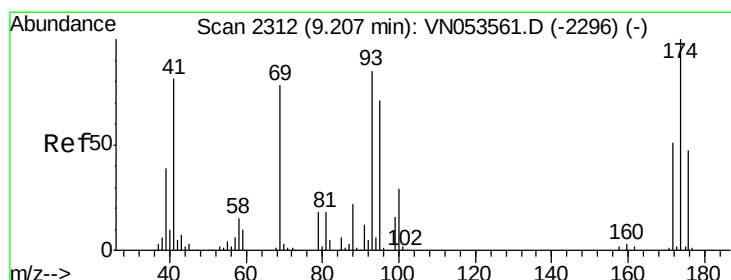
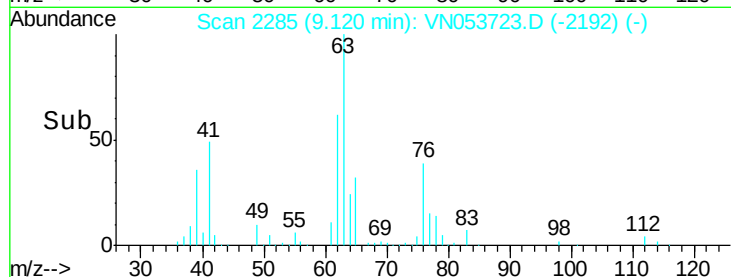
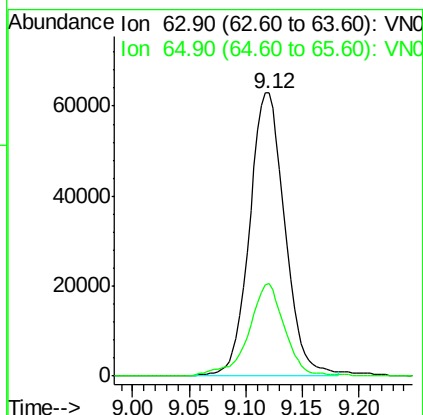
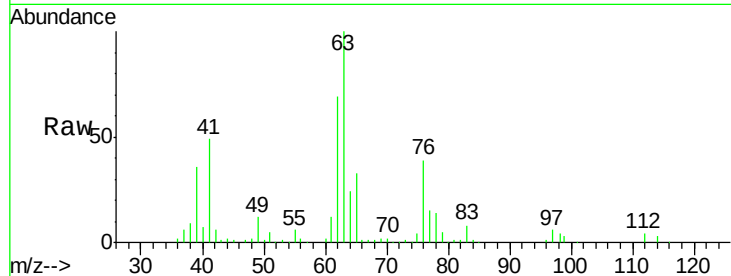




#45
 1,2-Dichloropropane
 Concen: 19.062 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

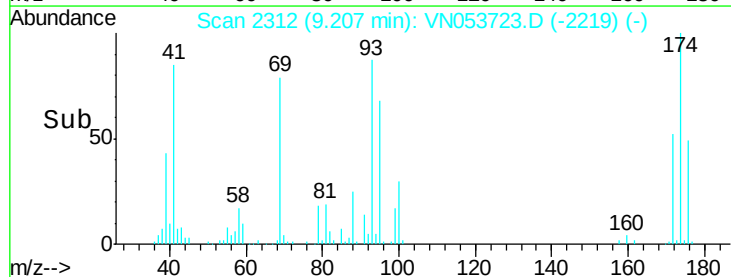
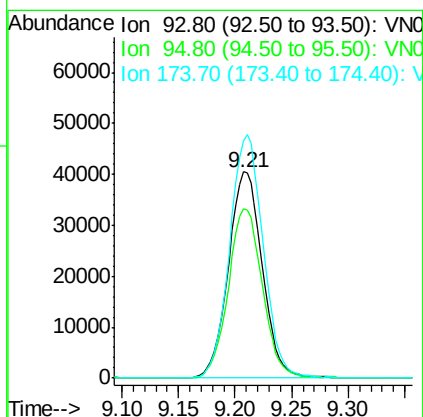
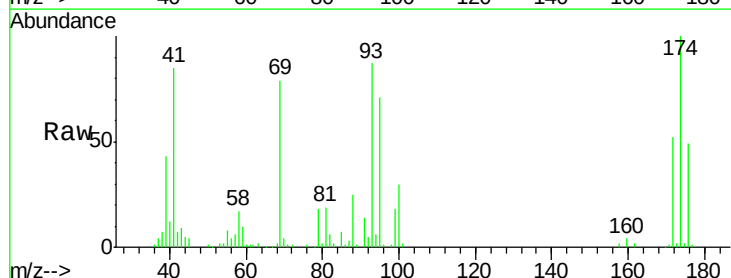
Instrument :
 MSVOA_N
 ClientSampled :
 VN0212WBSD01

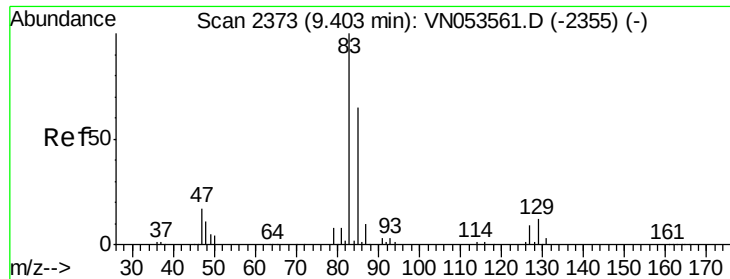
Tot Ion: 63 Resp: 136946
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.0 37.4



#46
 Dibromomethane
 Concen: 19.509 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion: 93 Resp: 84491
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.3 100.9
 174 116.5 91.0 136.4

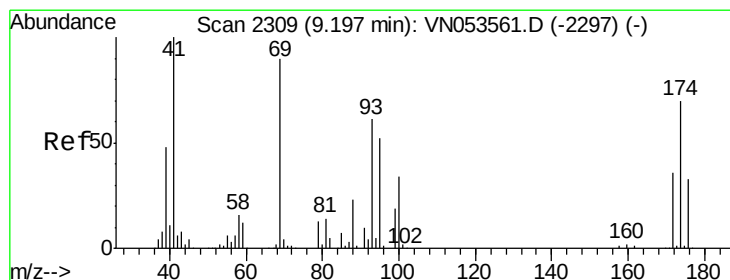
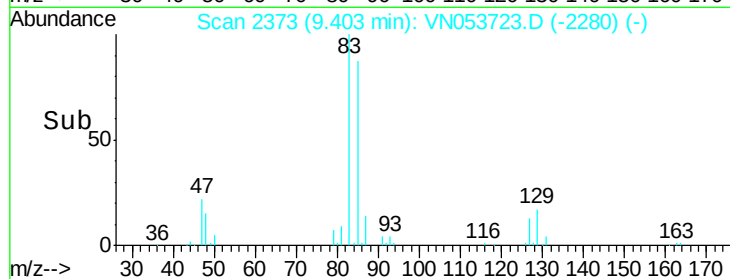
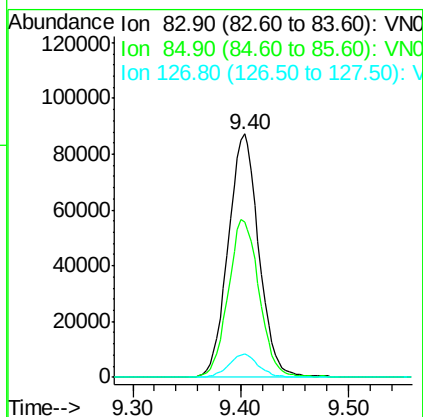
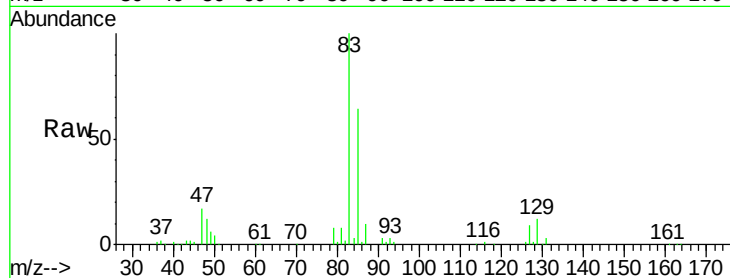




#47
Bromodichloromethane
Concen: 19.236 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

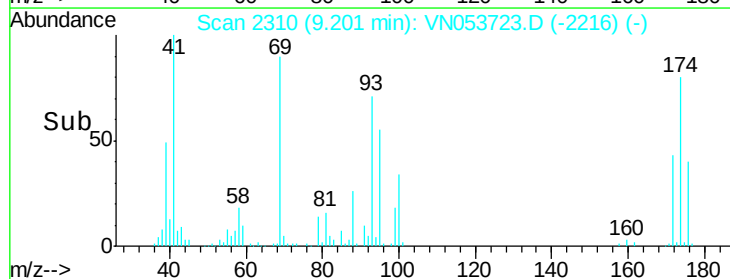
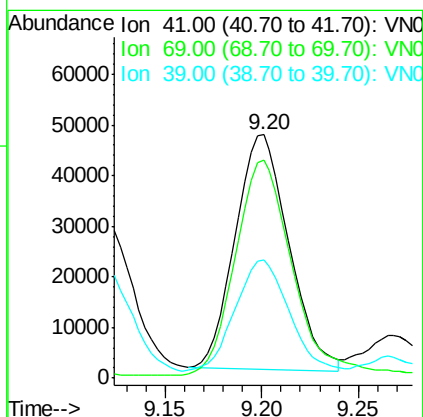
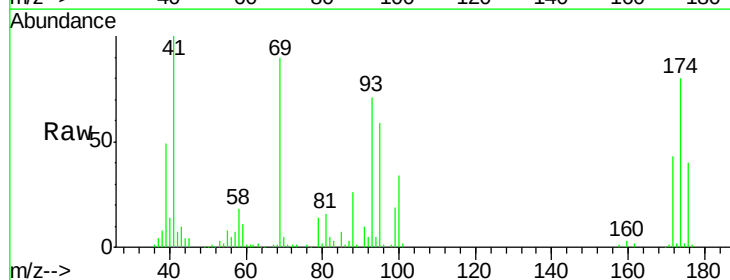
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD01

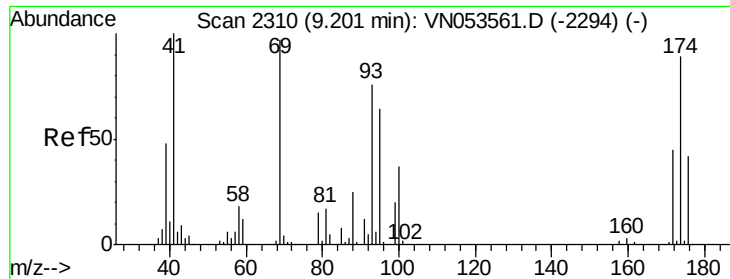
Tot Ion: 83 Resp: 173208
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6
127 9.4 7.0 10.6



#48
Methyl methacrylate
Concen: 18.987 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 41 Resp: 89043
Ion Ratio Lower Upper
41 100
69 102.7 73.8 110.6
39 53.7 40.0 60.0

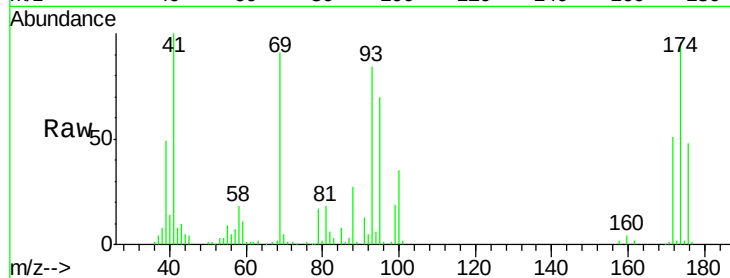




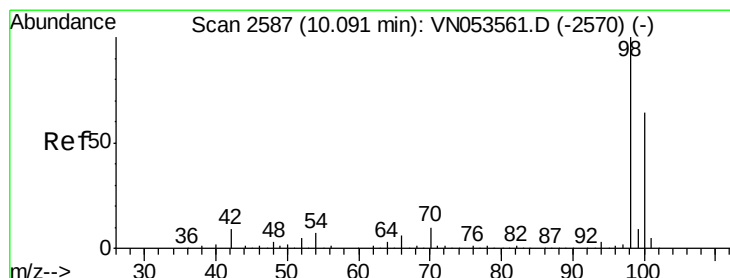
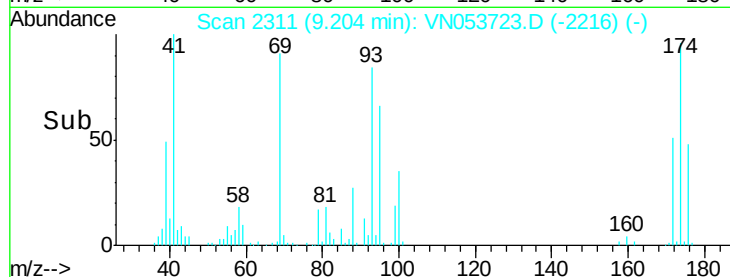
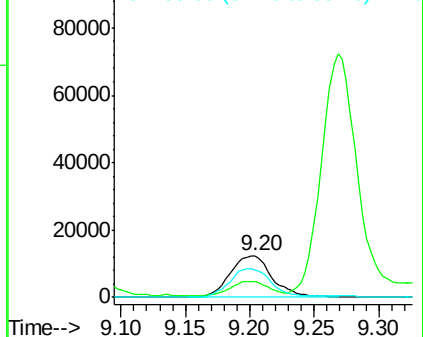
#49
1,4-Dioxane
Concen: 437.599 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD01

Tot Ion: 88 Resp: 28181
Ion Ratio Lower Upper
88 100
43 30.2 27.8 41.6
58 67.6 56.5 84.7

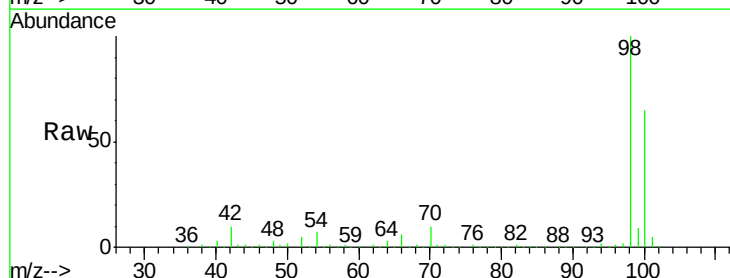


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

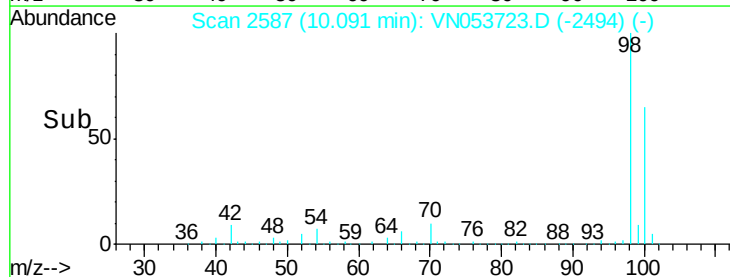
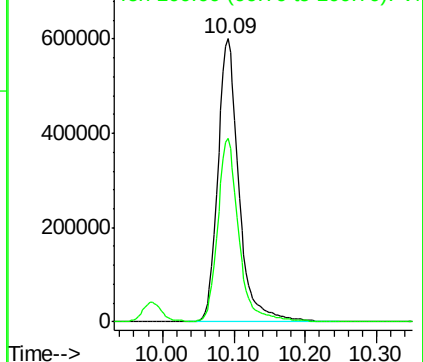


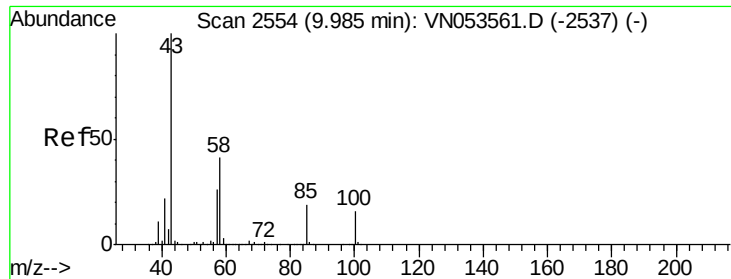
#50
Toluene-d8
Concen: 51.229 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 98 Resp: 1228132
Ion Ratio Lower Upper
98 100
100 64.9 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: 108.180 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampled :

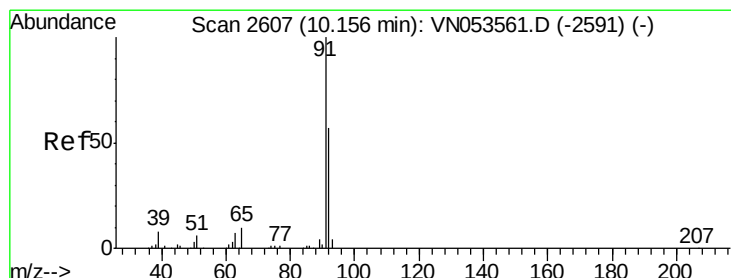
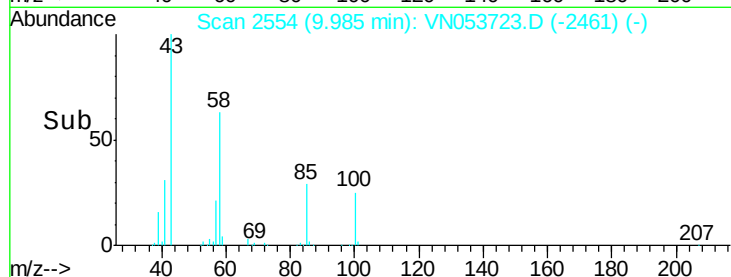
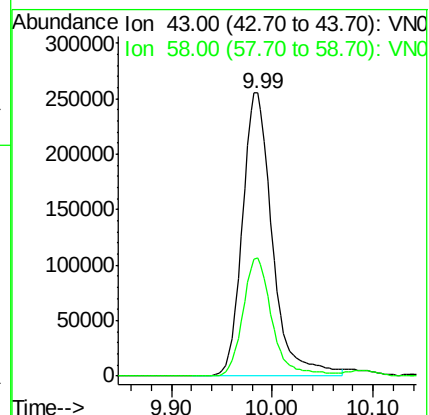
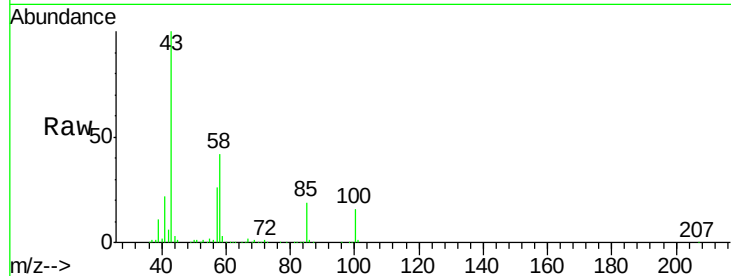
VN0212WBSD01

Tot Ion: 43 Resp: 522265

Ion Ratio Lower Upper

43 100

58 40.8 32.8 49.2



#52

Toluene

Concen: 19.069 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053723.D

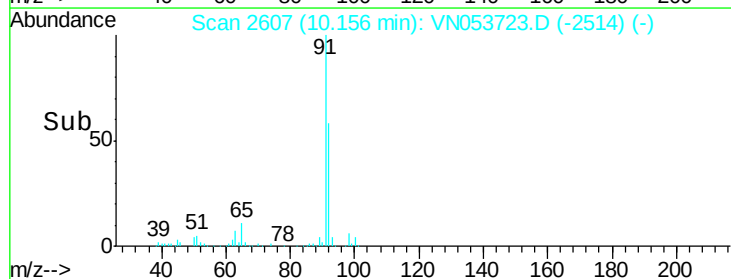
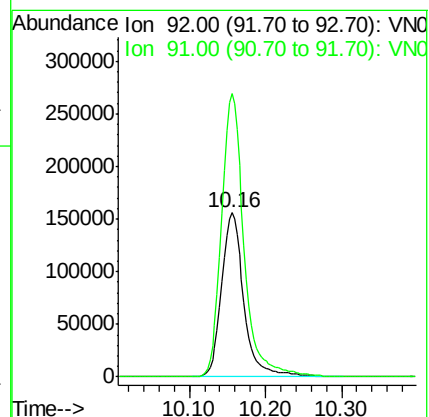
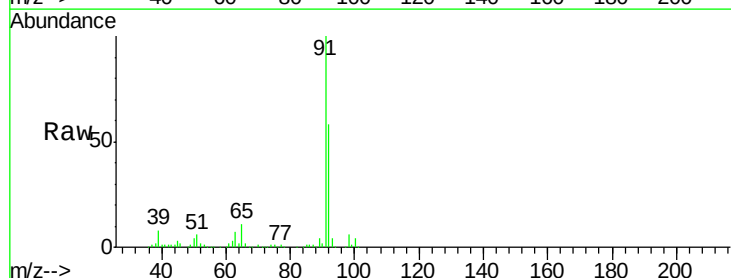
Acq: 12 Feb 2019 11:58

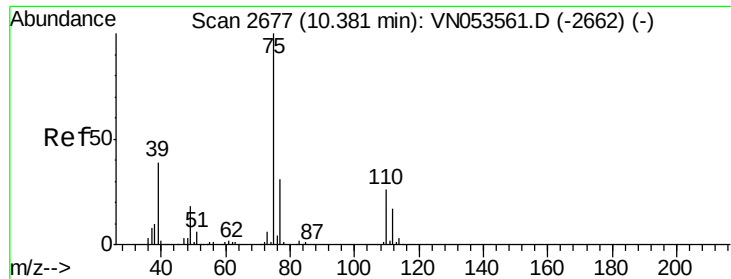
Tgt Ion: 92 Resp: 317885

Ion Ratio Lower Upper

92 100

91 173.9 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 18.892 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampled :

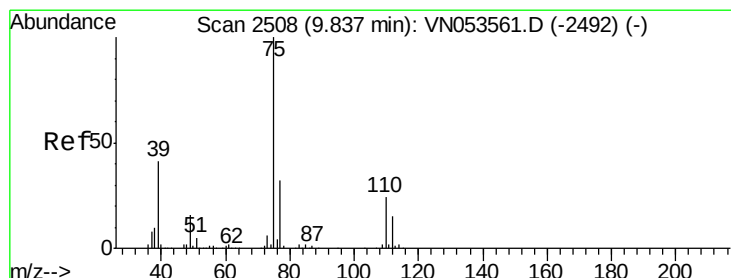
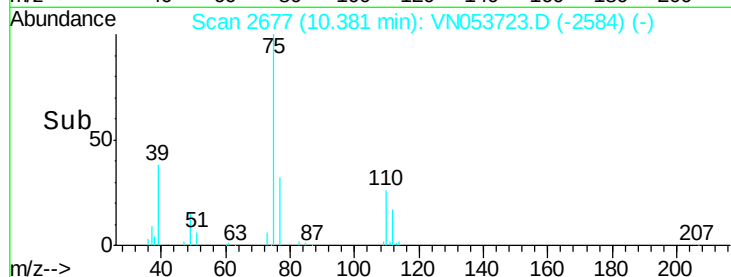
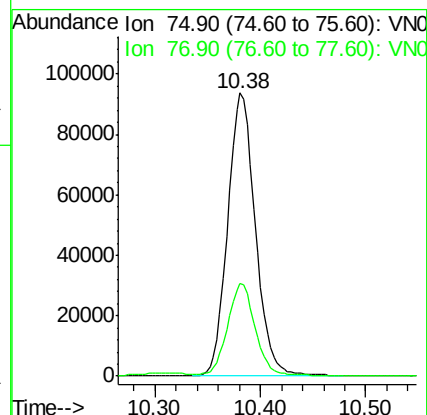
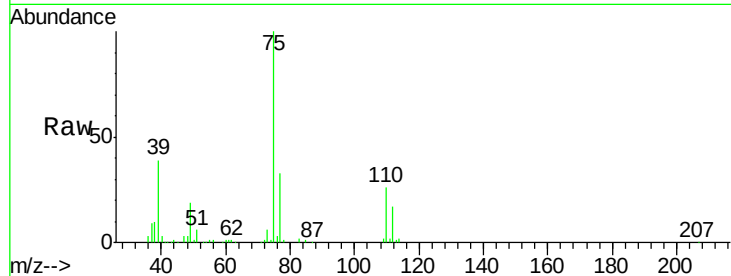
VN0212WBSD01

Tot Ion: 75 Resp: 170344

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.780 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

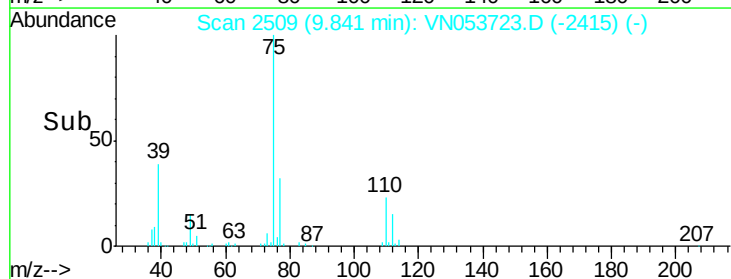
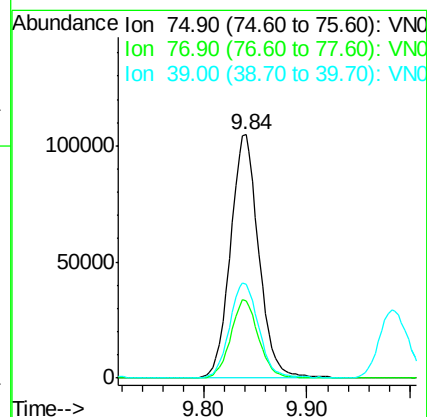
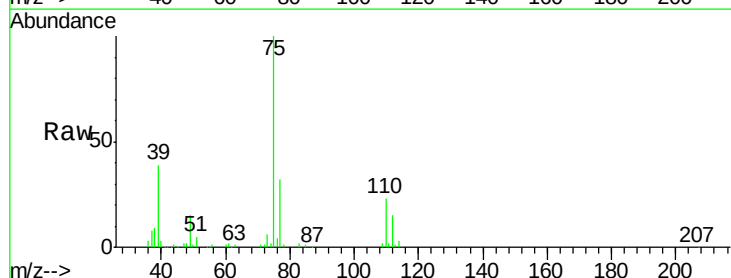
Tgt Ion: 75 Resp: 200665

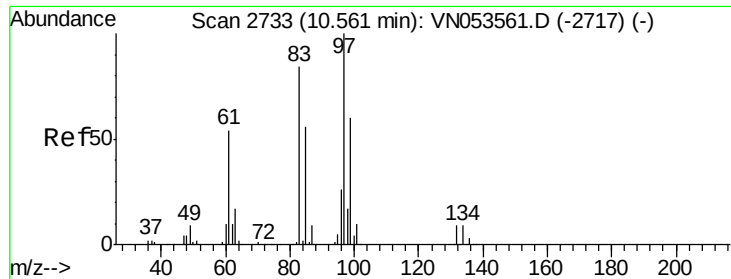
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 38.6 33.4 50.0

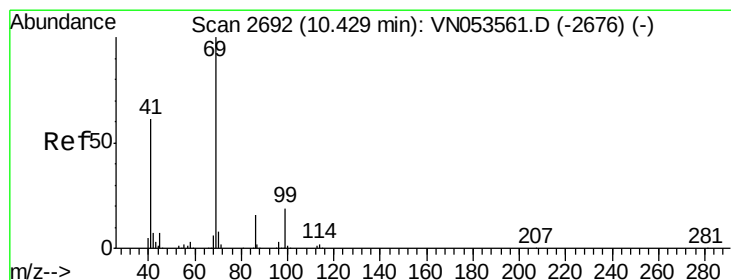
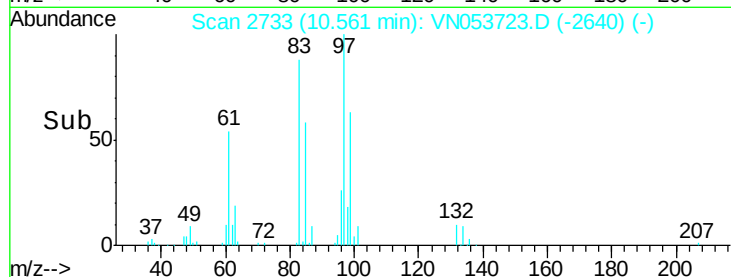
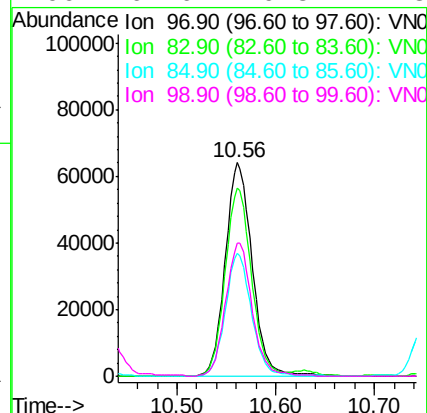
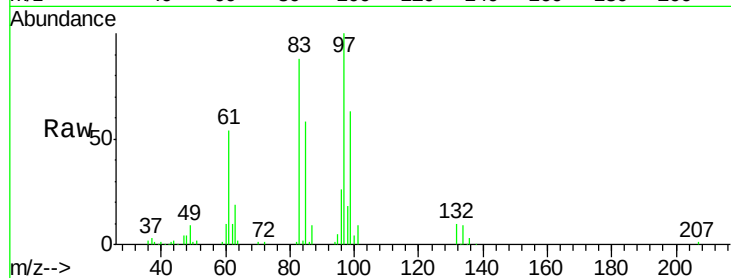




#55
 1,1,2-Trichloroethane
 Concen: 20.457 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

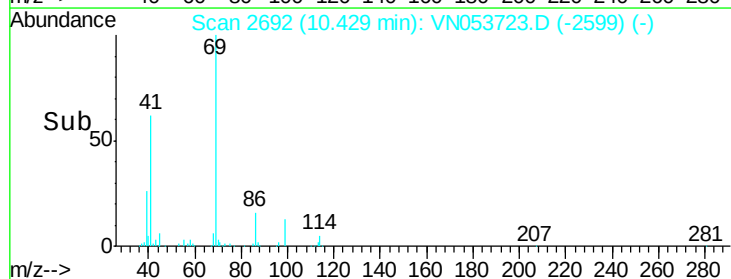
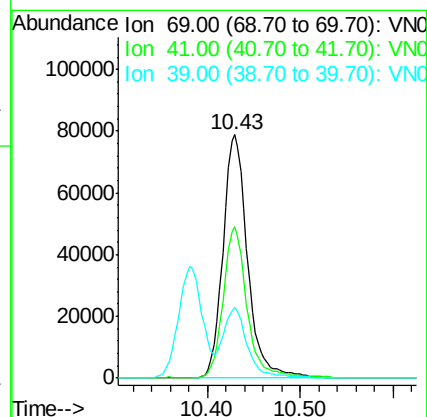
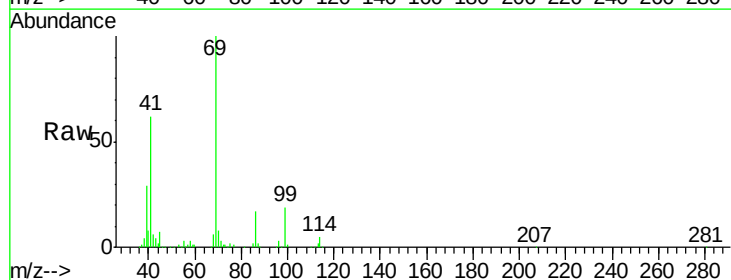
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

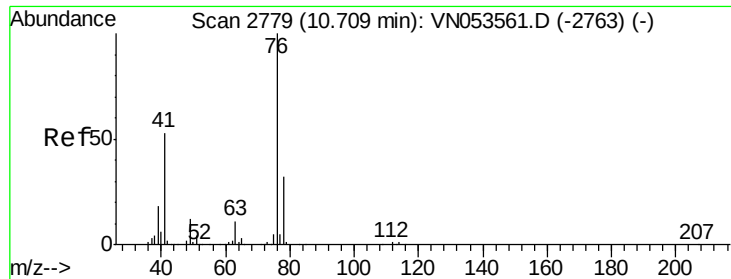
Tot Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.1	105.1
85	57.7	45.4	68.0
99	62.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.391 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.4	74.0
39	28.6	23.3	34.9

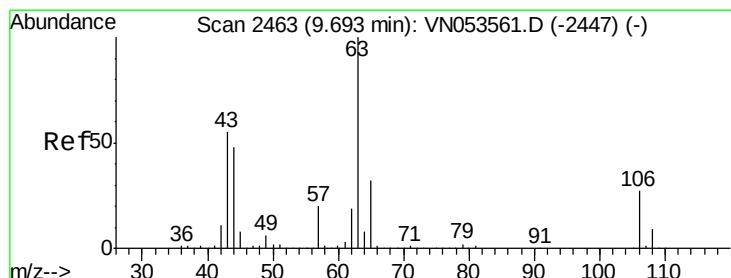
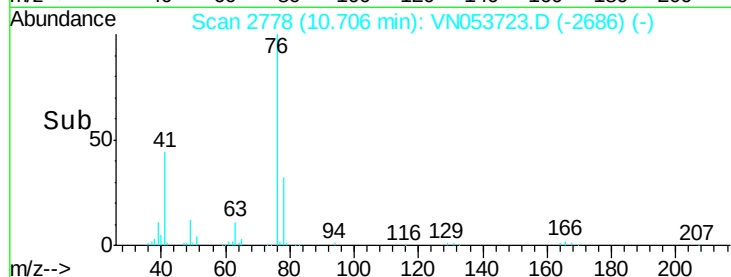
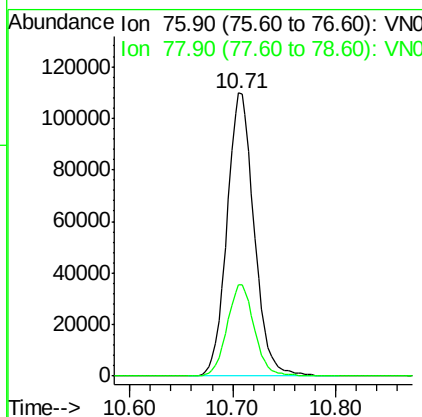
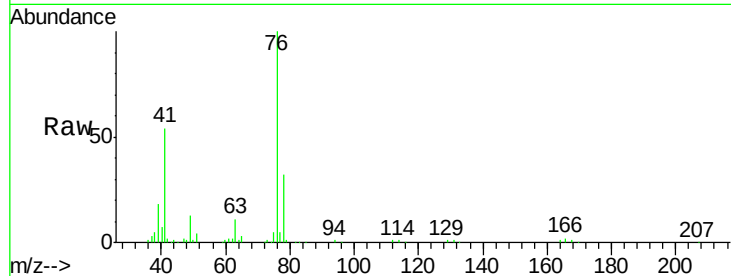




#57
 1,3-Dichloropropane
 Concen: 19.658 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

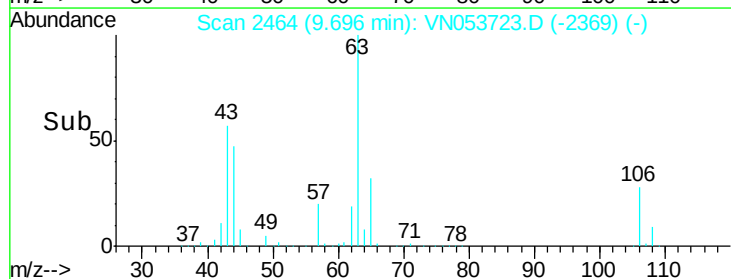
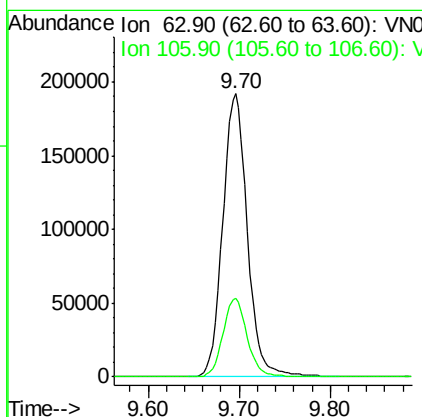
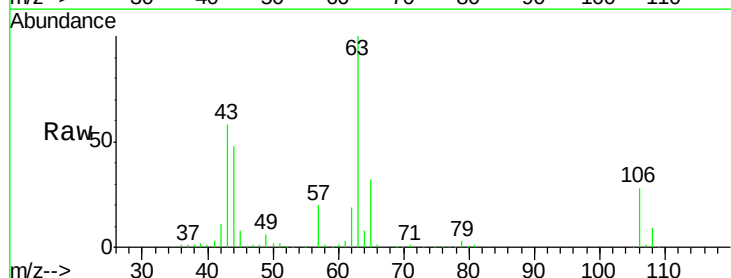
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

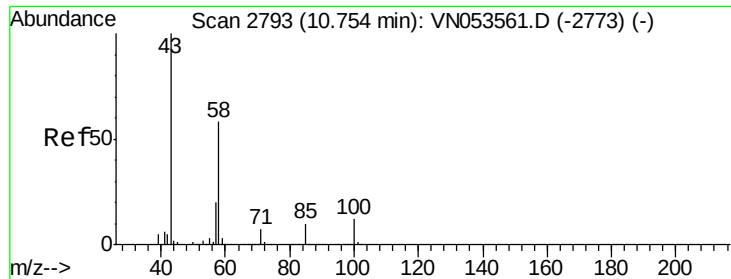
Tot Ion: 76 Resp: 201821
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.246 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion: 63 Resp: 360770
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.5 32.3

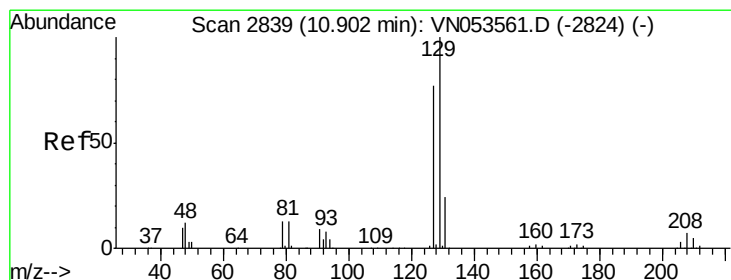
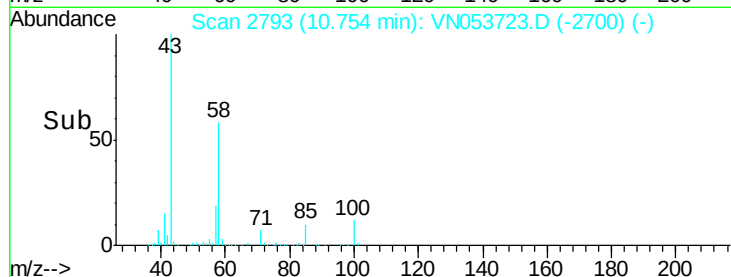
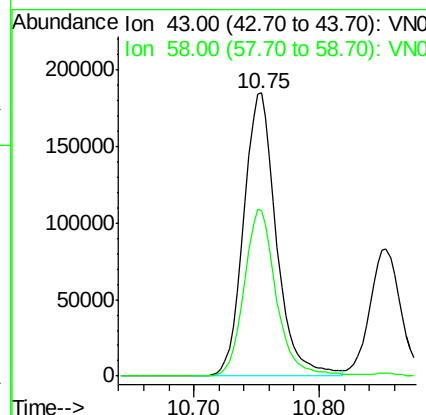
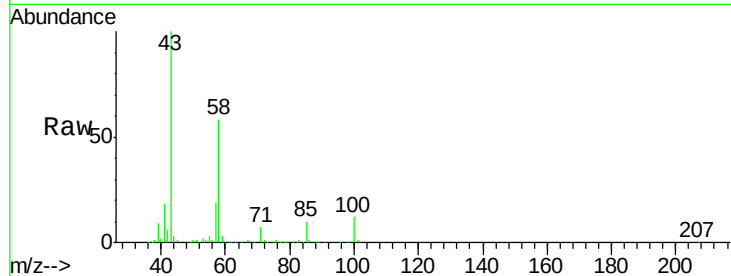




#59
2-Hexanone
Concen: 101.698 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

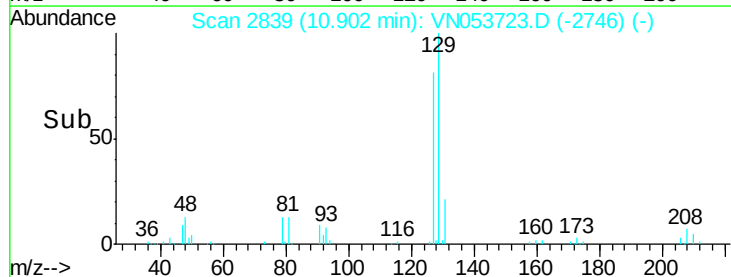
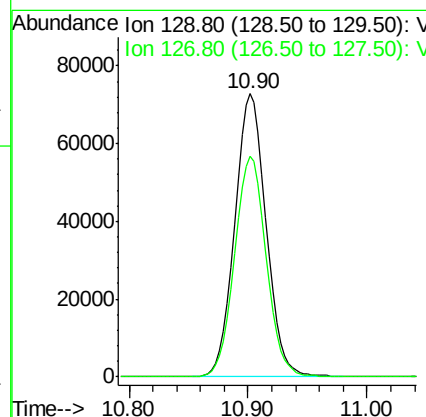
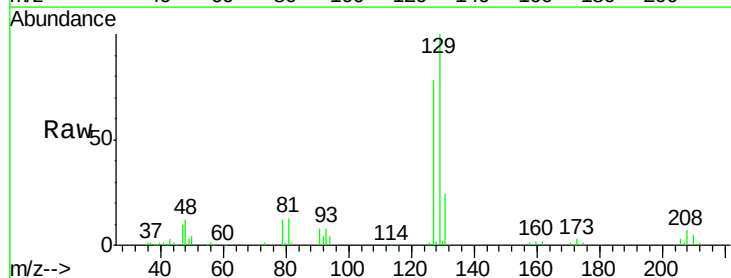
Instrument :
MSVOA_N
ClientSampled :
VN0212WBSD01

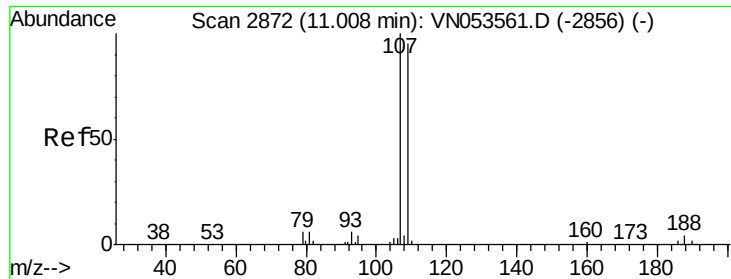
Tot Ion: 43 Resp: 333306
Ion Ratio Lower Upper
43 100
58 58.0 28.6 85.8



#60
Dibromochloromethane
Concen: 19.582 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 129 Resp: 132651
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8

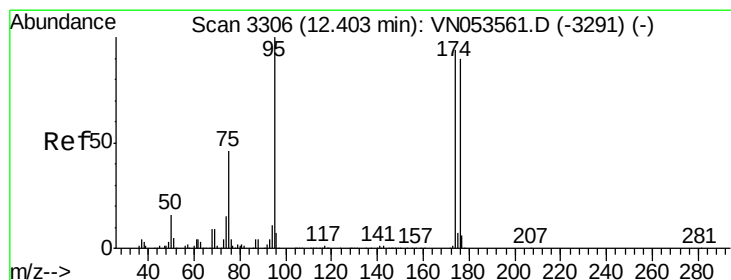
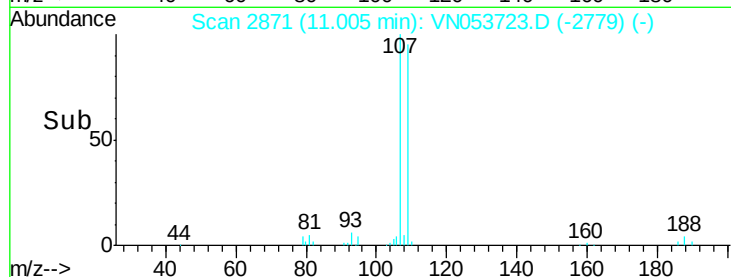
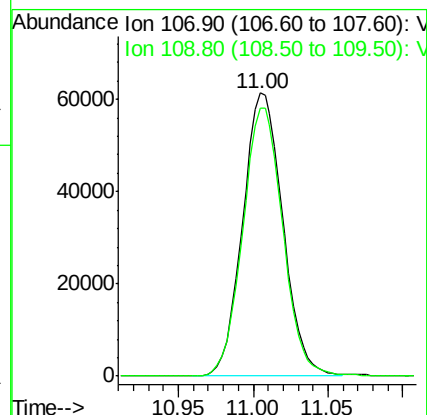
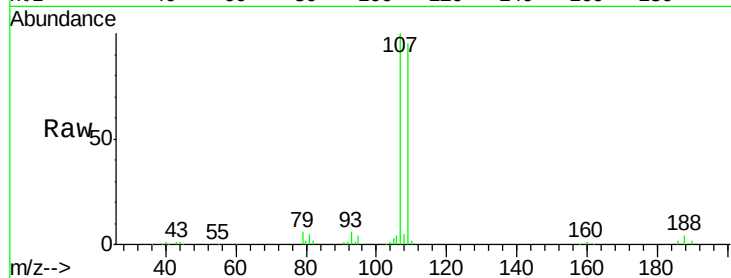




#61
 1,2-Dibromoethane
 Concen: 19.293 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

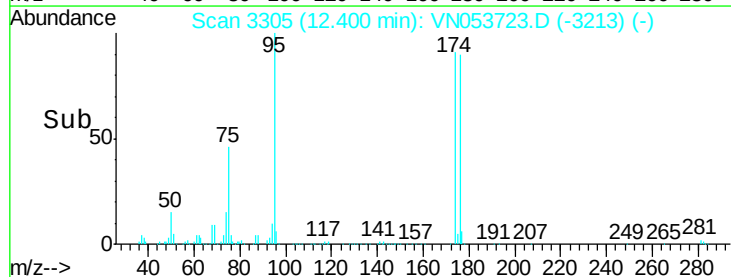
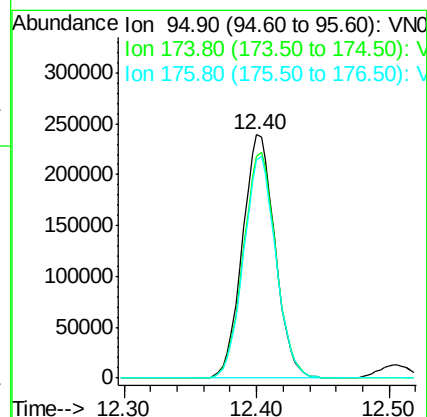
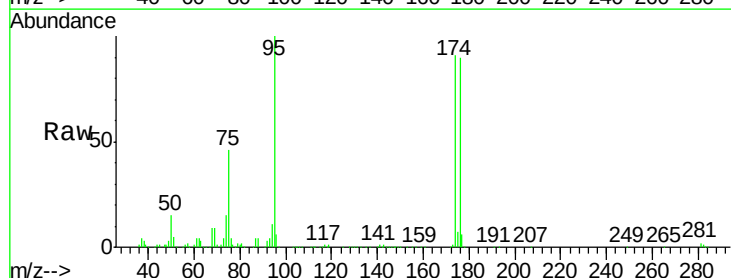
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

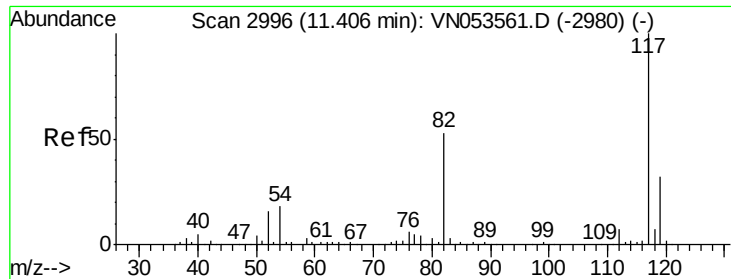
Tot Ion:107 Resp: 114705
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.070 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion: 95 Resp: 408334
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 183.2
 176 90.2 0.0 177.4

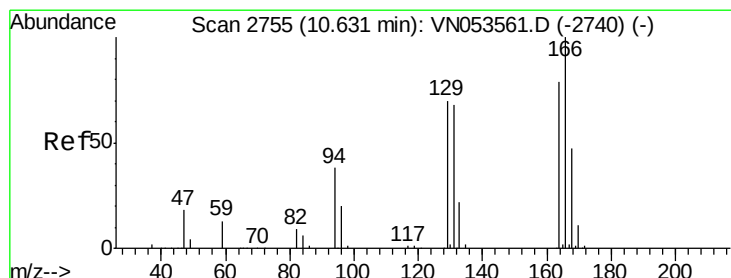
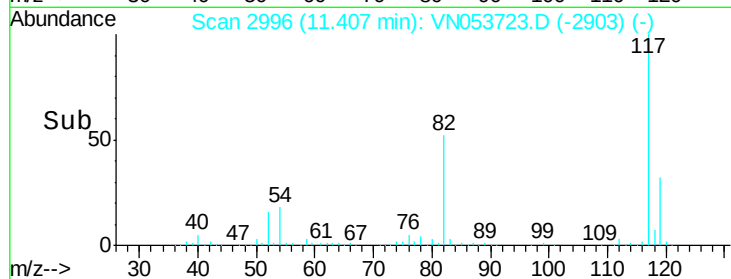
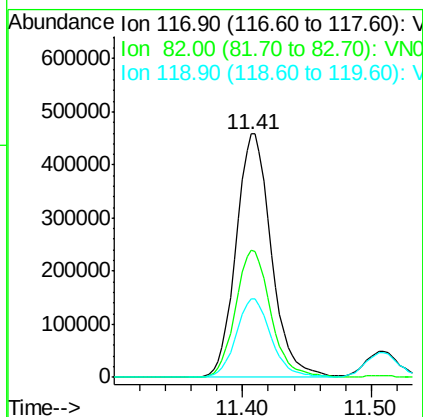
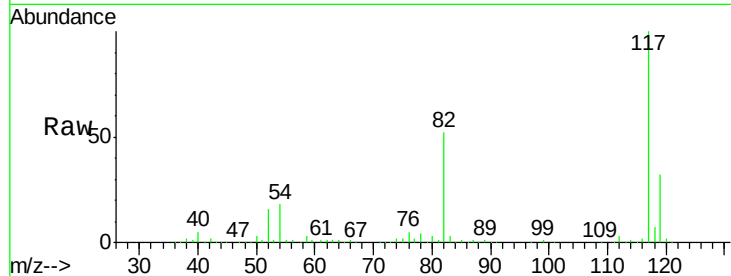




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

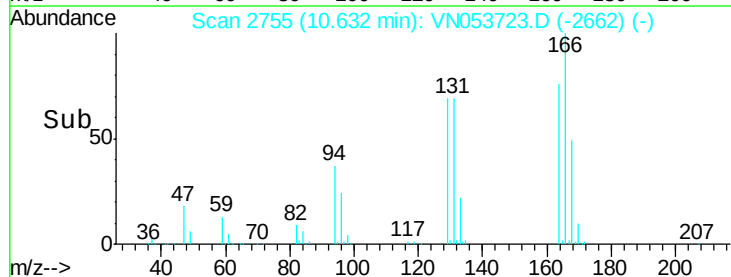
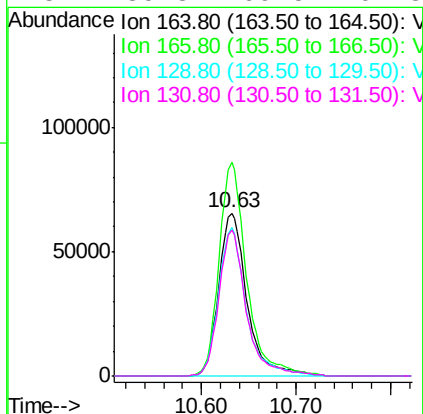
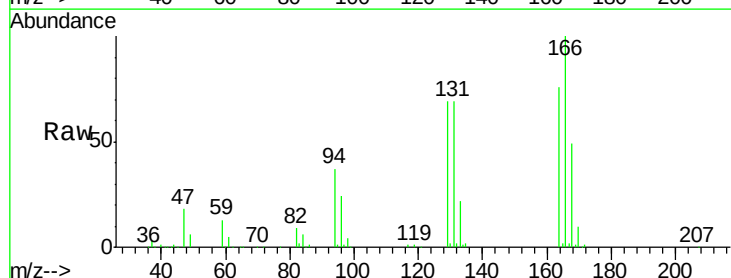
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD01

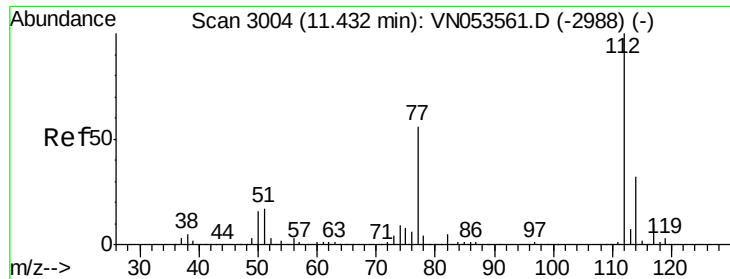
Tot Ion:117 Resp: 872169
Ion Ratio Lower Upper
117 100
82 52.5 42.9 64.3
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 18.292 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion:164 Resp: 136760
Ion Ratio Lower Upper
164 100
166 131.0 102.2 153.4
129 90.7 72.6 109.0
131 89.8 69.5 104.3

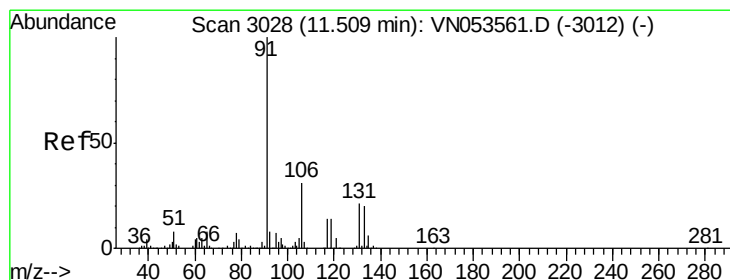
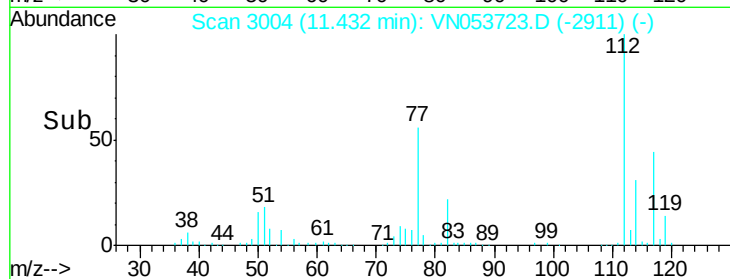
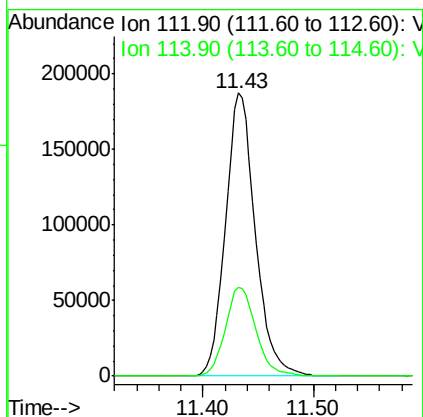
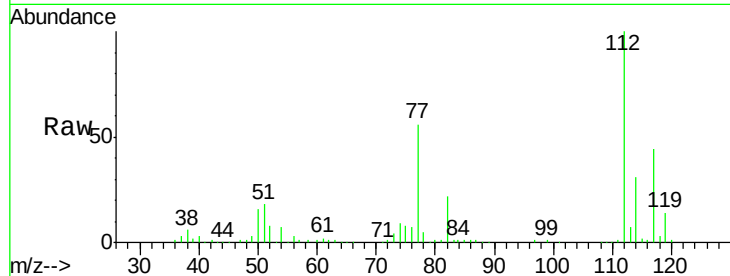




#65
Chlorobenzene
Concen: 18.929 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

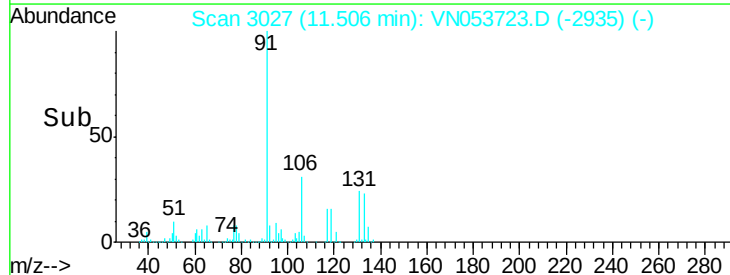
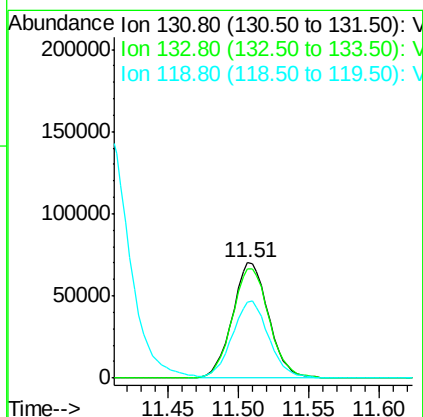
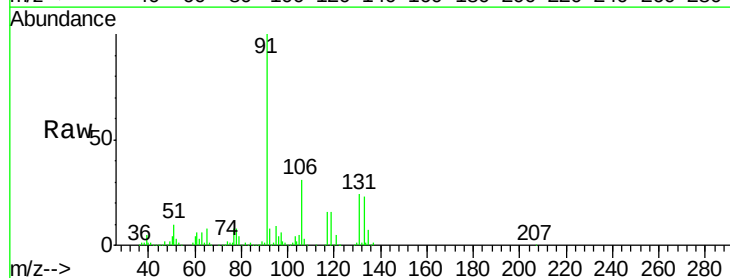
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD01

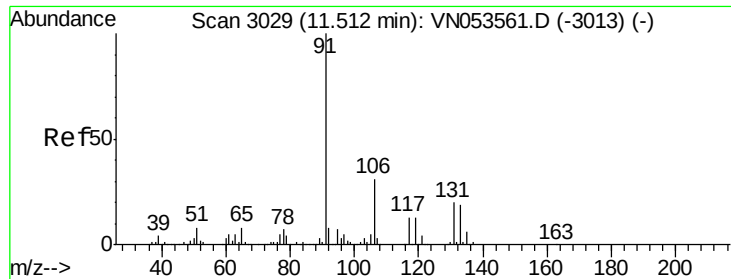
Tot Ion:112 Resp: 350681
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.477 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion:131 Resp: 126017
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 67.8 33.5 100.5

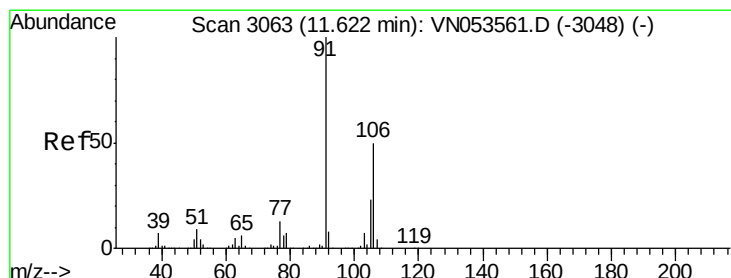
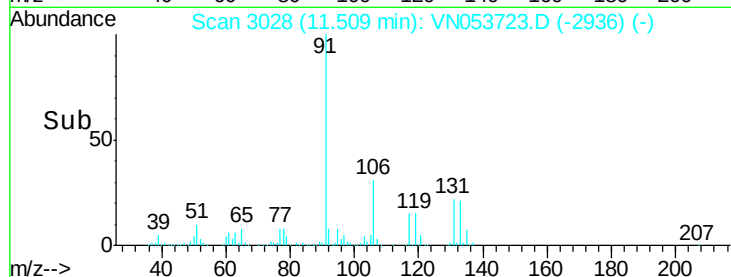
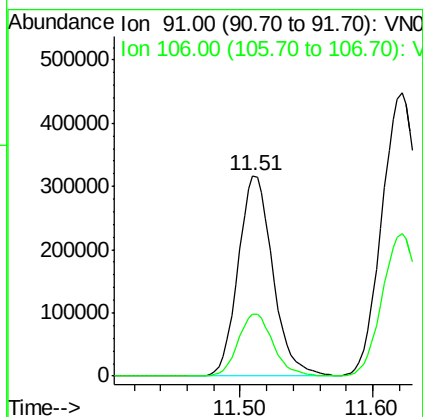
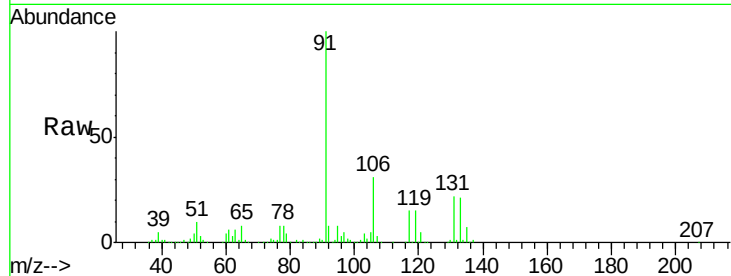




#67
Ethyl Benzene
Concen: 18.905 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

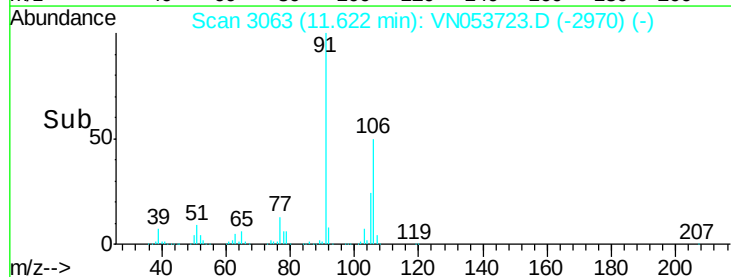
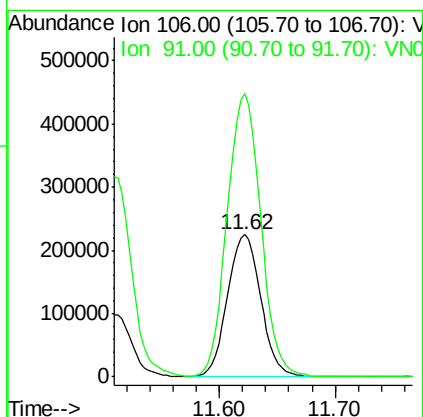
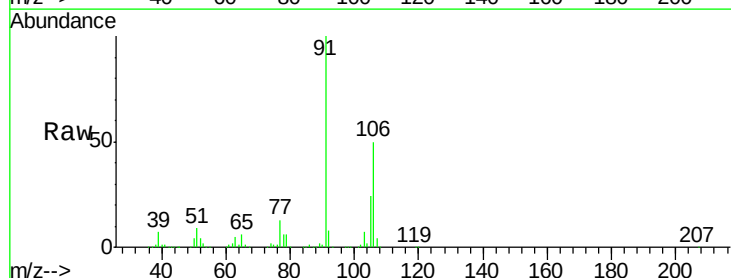
Instrument :
MSVOA_N
ClientSampled :
VN0212WBSD01

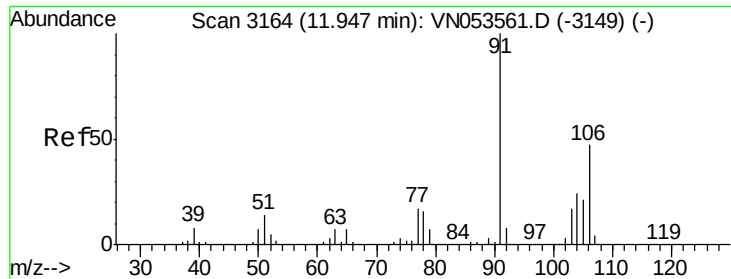
Tot Ion: 91 Resp: 575306
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 38.597 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 106 Resp: 448295
Ion Ratio Lower Upper
106 100
91 200.9 161.4 242.2

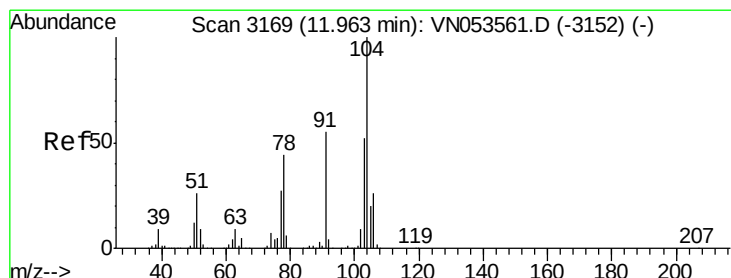
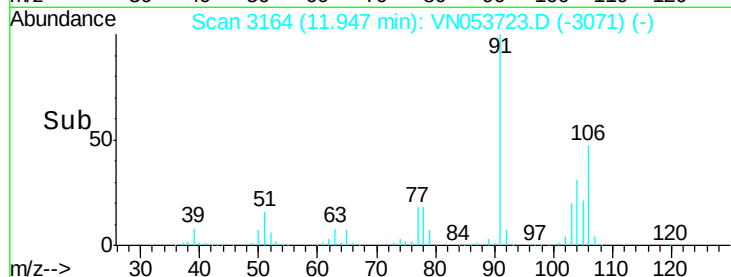
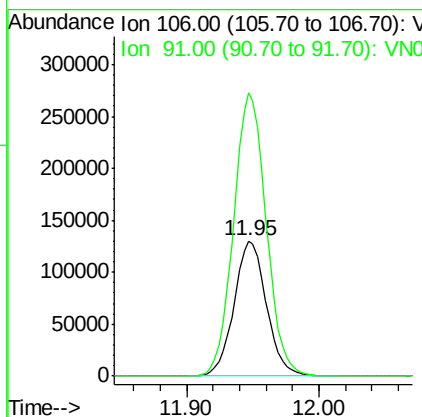
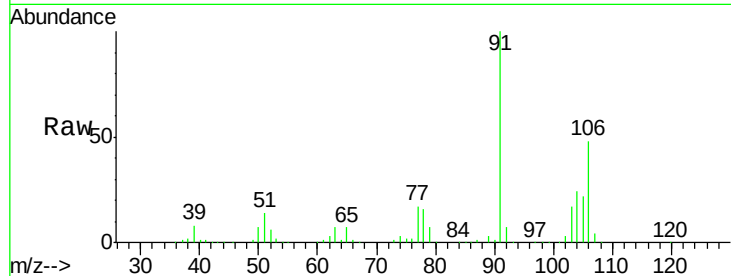




#69
o-Xylene
Concen: 19.630 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

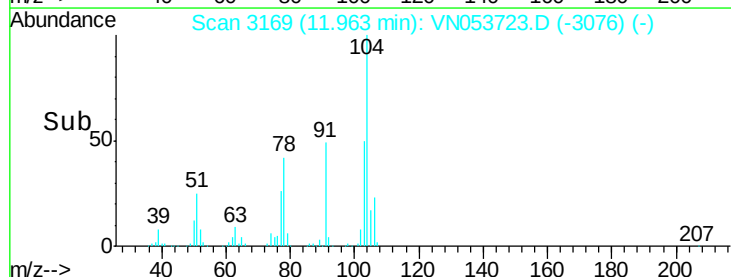
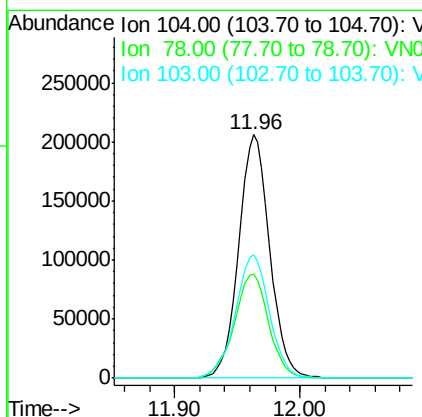
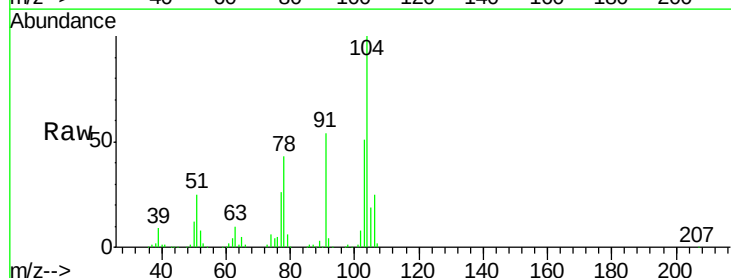
Instrument :
MSVOA_N
ClientSampled :
VN0212WBSD01

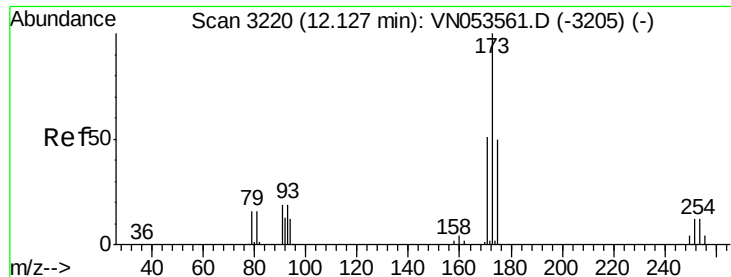
Tot Ion:106 Resp: 220270
Ion Ratio Lower Upper
106 100
91 211.3 106.9 320.8



#70
Styrene
Concen: 19.468 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion:104 Resp: 354073
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.2
103 55.5 44.4 66.6

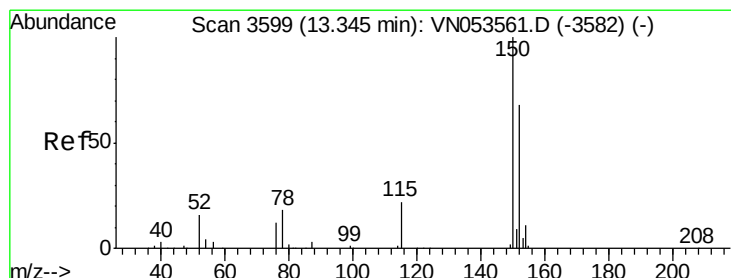
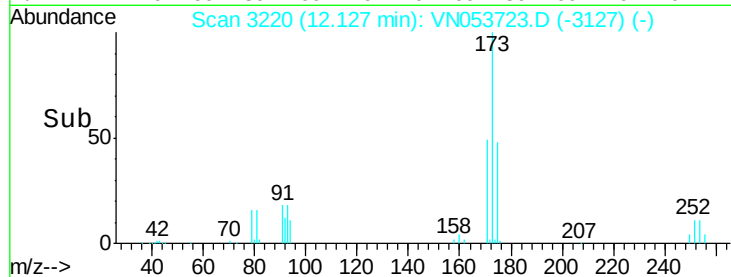
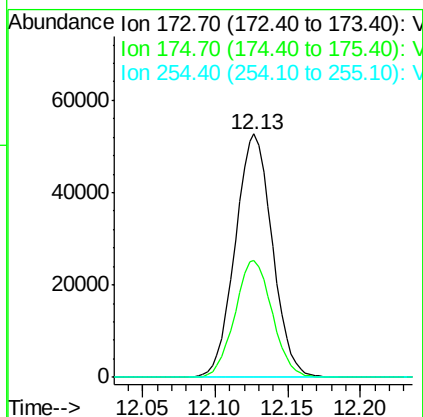
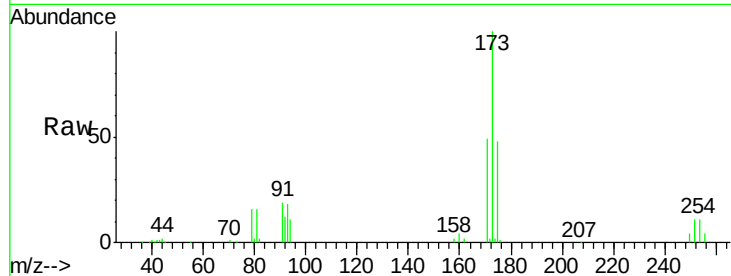




#71
 Bromoform
 Concen: 21.101 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

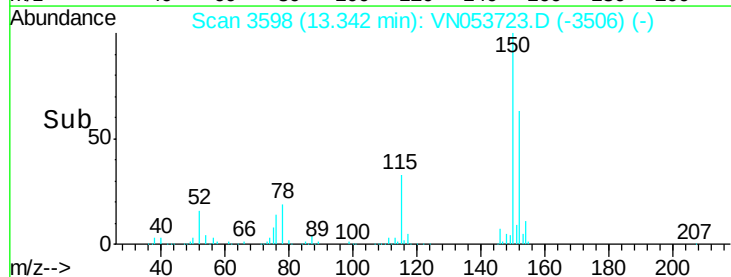
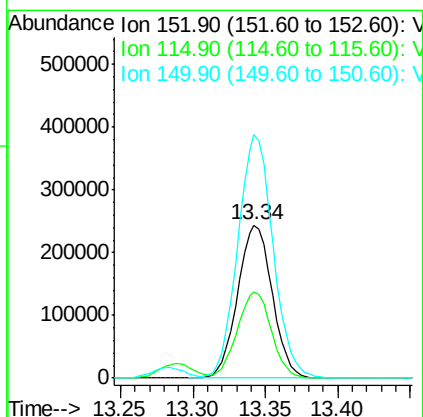
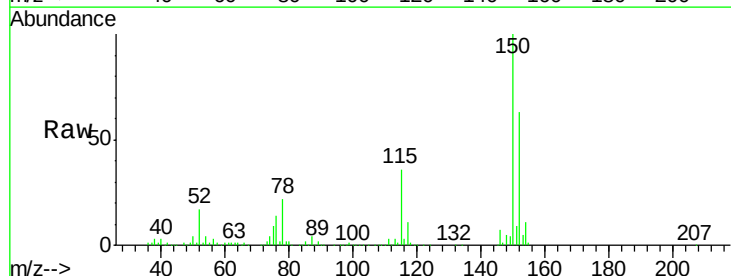
Instrument :
 MSVOA_N
 ClientSampled :
 VN0212WBSD01

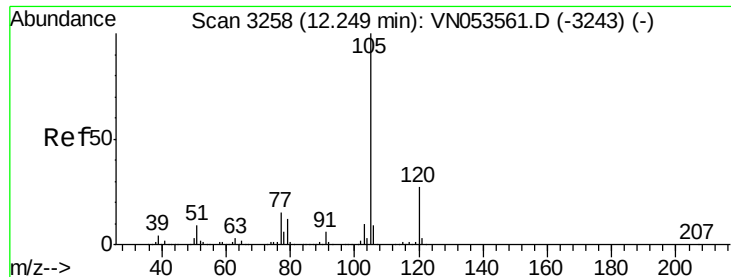
Tot Ion:173 Resp: 93596
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.6 74.0
 254 0.0 0.2 0.2#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion:152 Resp: 403161
 Ion Ratio Lower Upper
 152 100
 115 55.9 27.8 83.4
 150 162.6 0.0 349.0





#73

Isopropylbenzene

Concen: 20.578 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

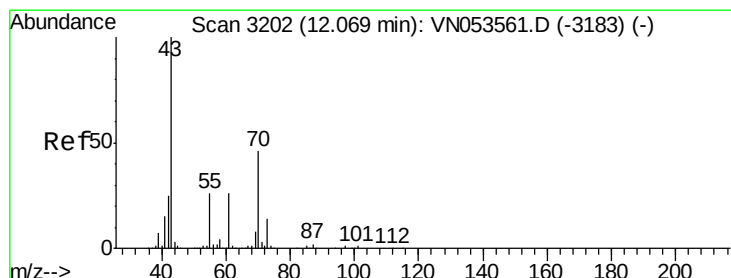
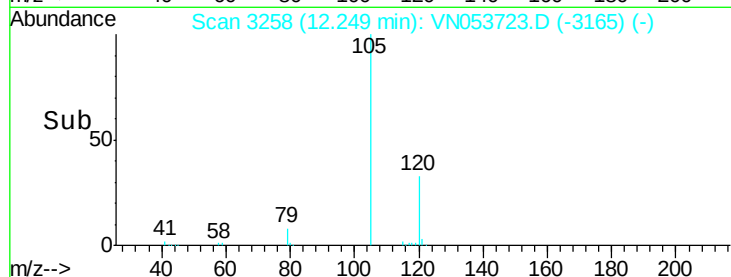
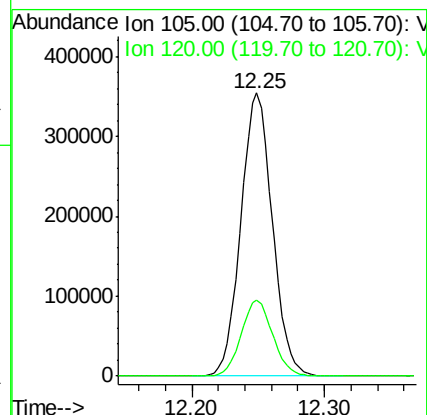
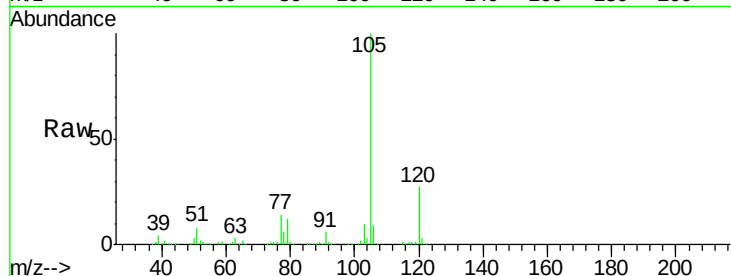
VN0212WBSD01

Tot Ion:105 Resp: 583221

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



#74

N-ethyl acetate

Concen: 21.288 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Tgt Ion: 43 Resp: 145084

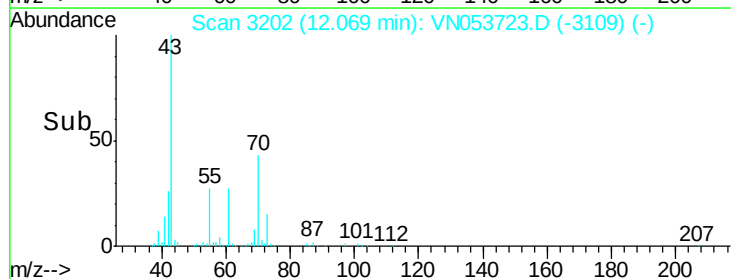
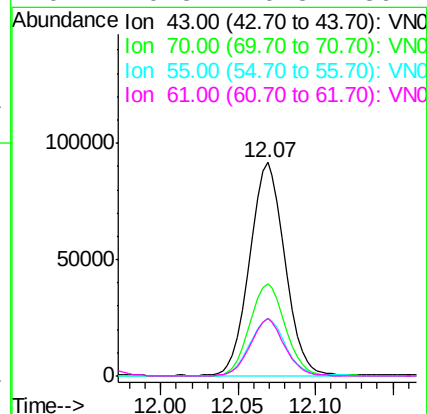
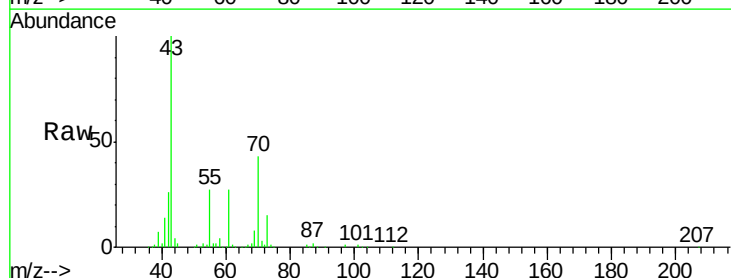
Ion Ratio Lower Upper

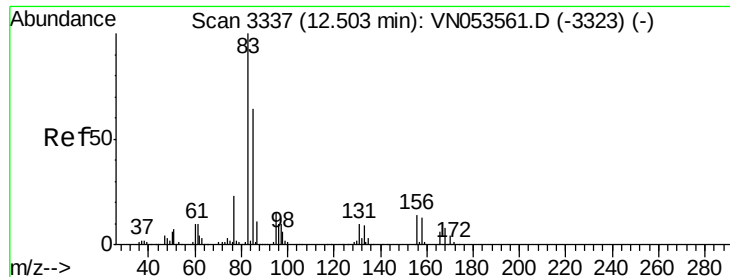
43 100

70 44.3 35.4 53.2

55 27.8 20.9 31.3

61 26.3 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.559 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampled :

VN0212WBSD01

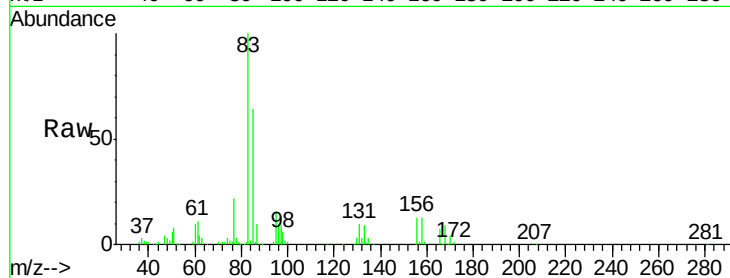
Tot Ion: 83 Resp: 146235

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

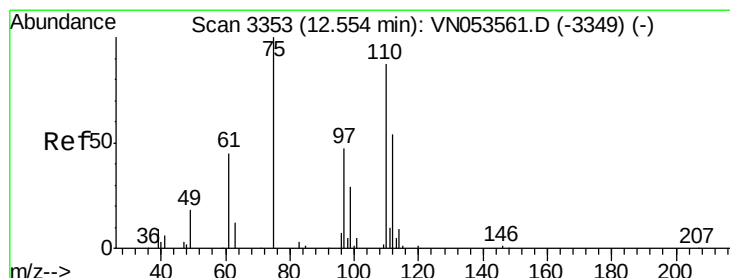
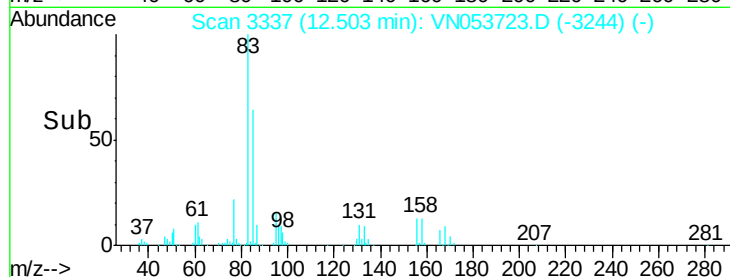
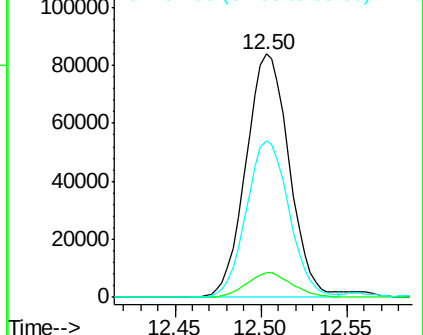
85 63.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.388 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053723.D

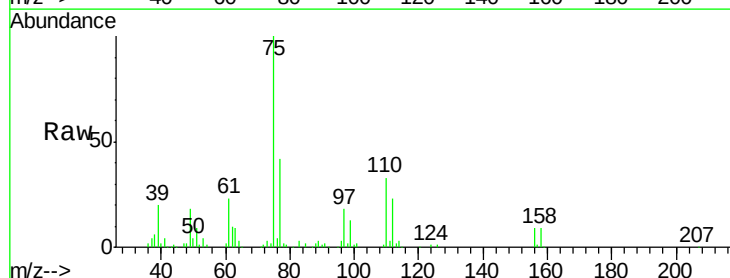
Acq: 12 Feb 2019 11:58

Tgt Ion: 75 Resp: 172897

Ion Ratio Lower Upper

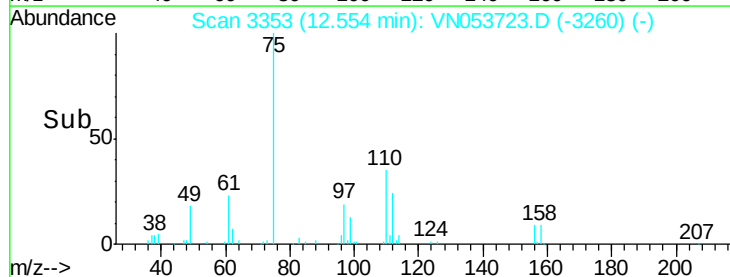
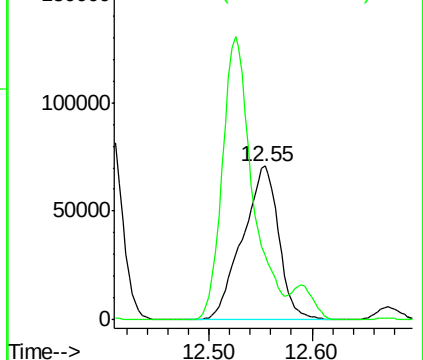
75 100

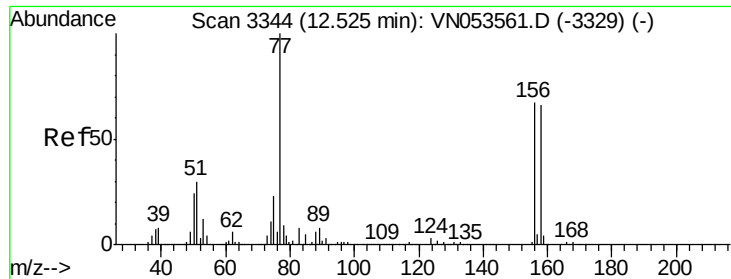
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.751 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD01

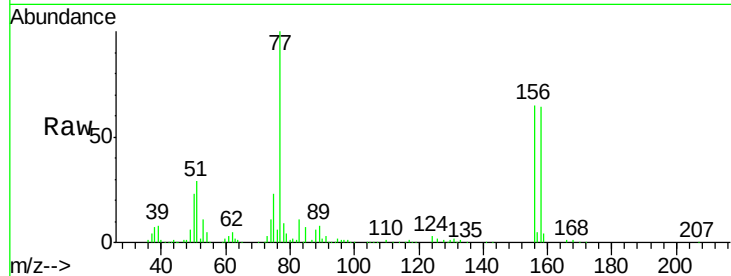
Tot Ion:156 Resp: 150865

Ion Ratio Lower Upper

156 100

77 176.0 87.9 263.8

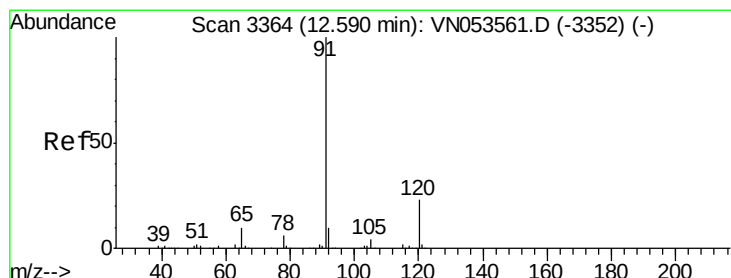
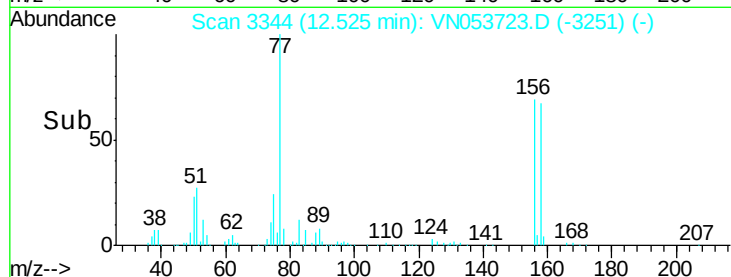
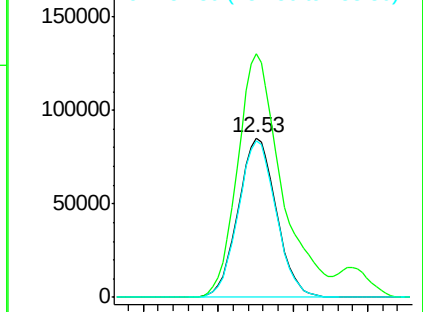
158 97.6 48.8 146.4



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: 20.131 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053723.D

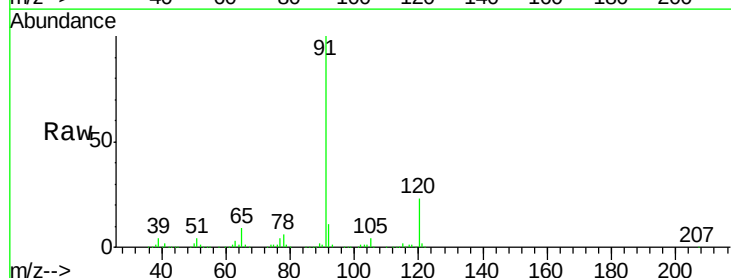
Acq: 12 Feb 2019 11:58

Tgt Ion: 91 Resp: 659562

Ion Ratio Lower Upper

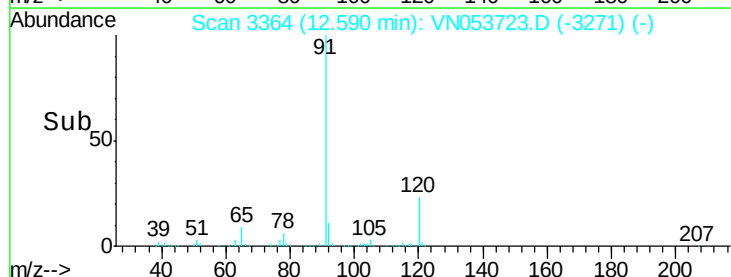
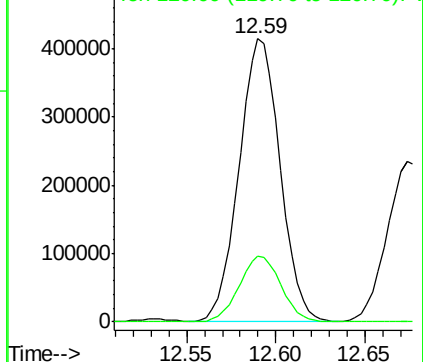
91 100

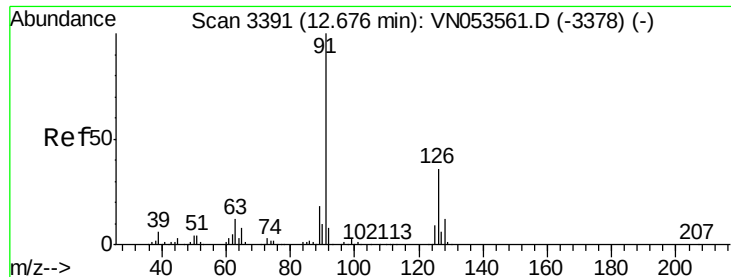
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.304 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

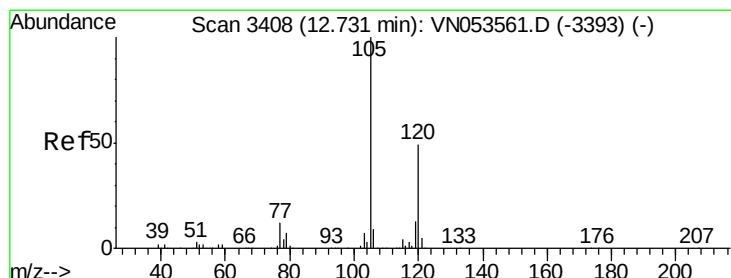
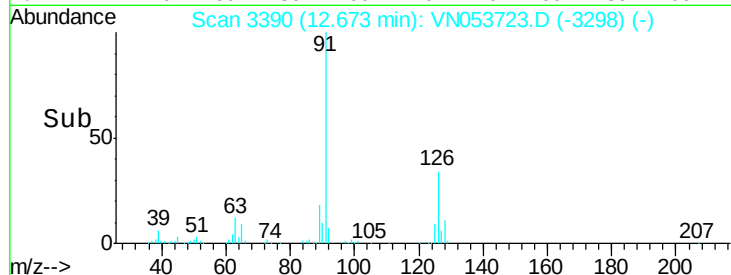
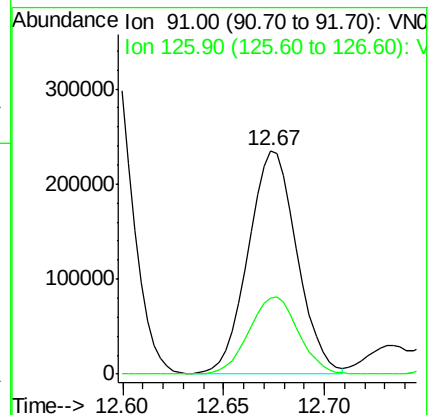
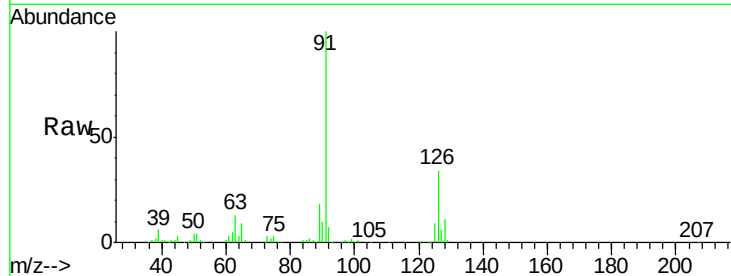
VN0212WBSD01

Tot Ion: 91 Resp: 394671

Ion Ratio Lower Upper

91 100

126 35.5 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.780 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053723.D

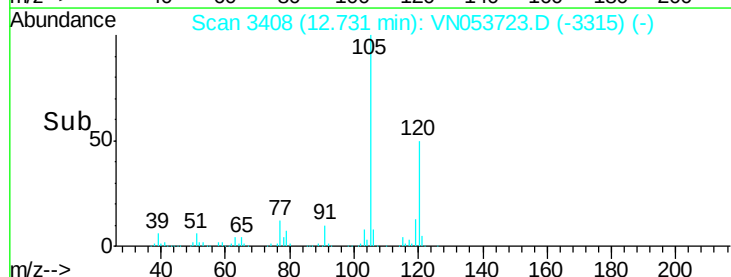
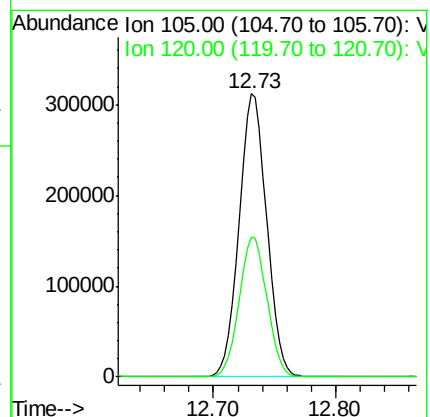
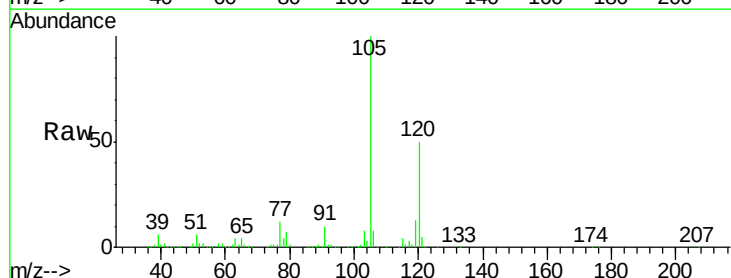
Acq: 12 Feb 2019 11:58

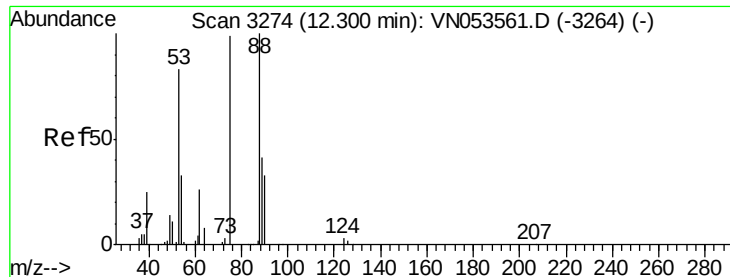
Tgt Ion: 105 Resp: 488379

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.922 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD01

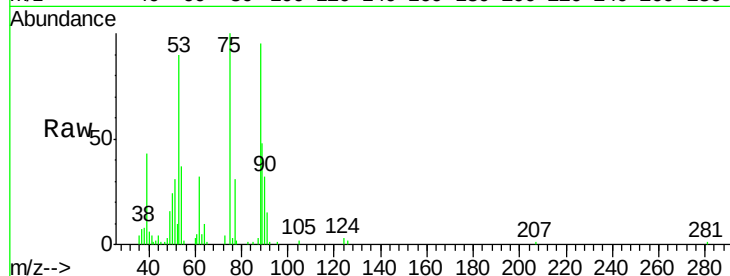
Tot Ion: 75 Resp: 36688

Ion Ratio Lower Upper

75 100

53 89.7 69.8 104.6

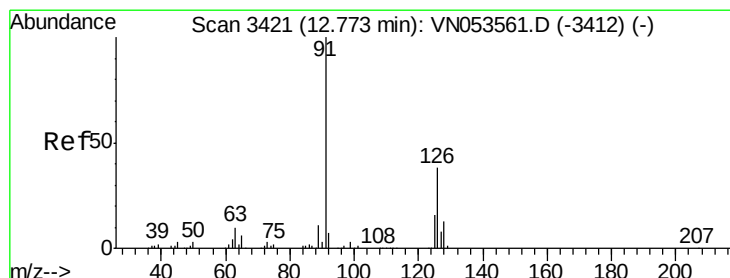
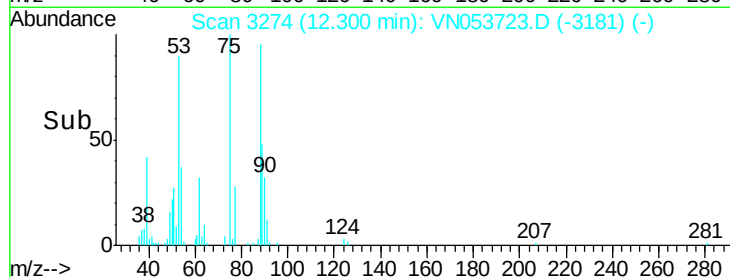
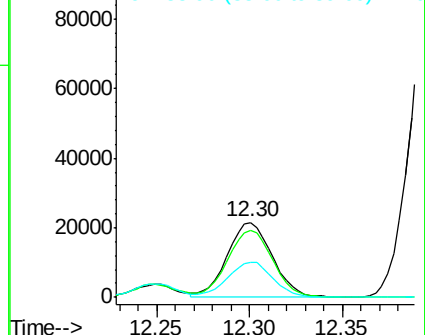
89 46.5 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.741 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053723.D

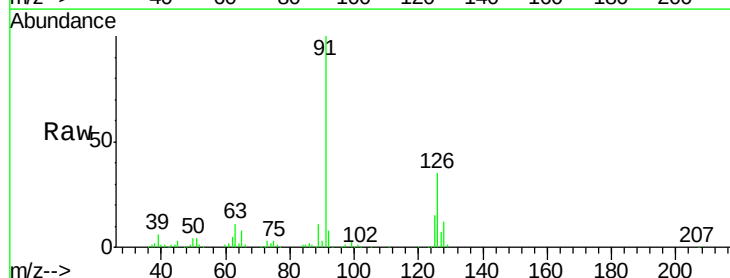
Acq: 12 Feb 2019 11:58

Tgt Ion: 91 Resp: 393748

Ion Ratio Lower Upper

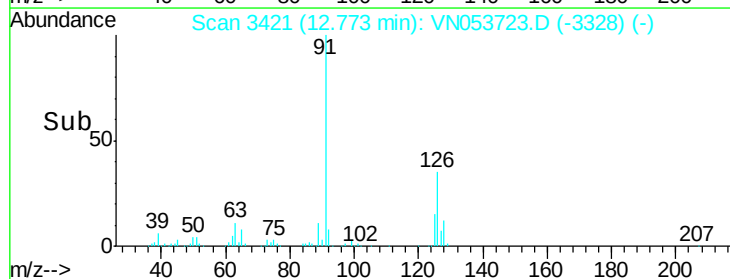
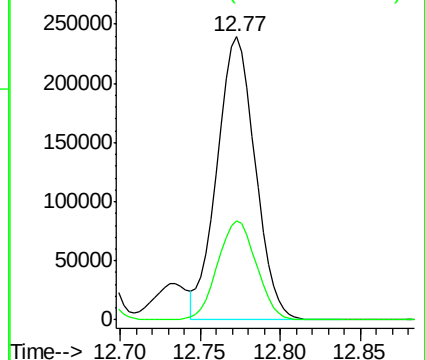
91 100

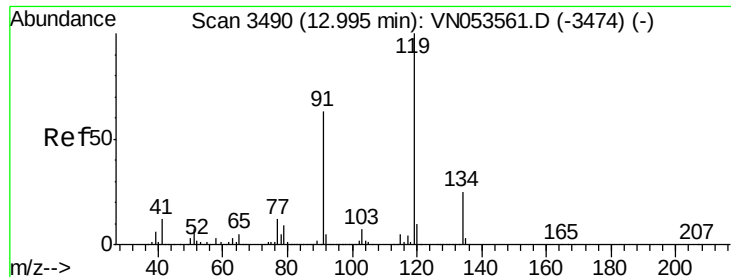
126 35.4 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

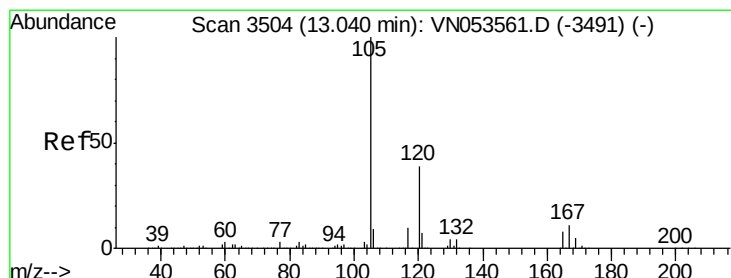
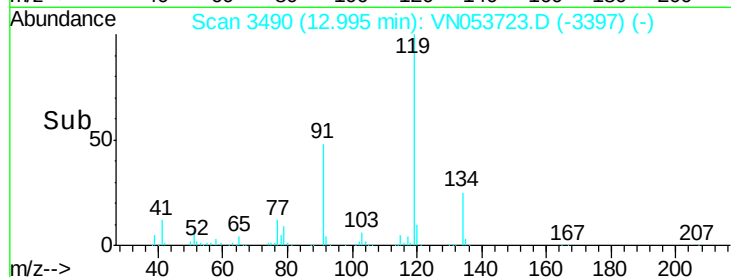
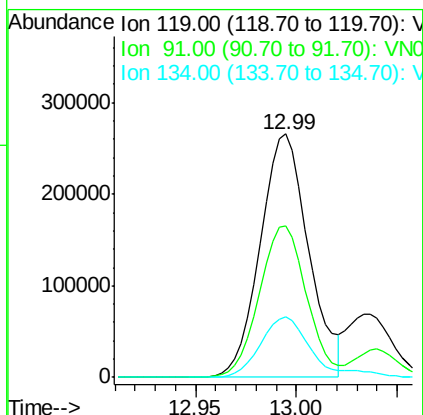
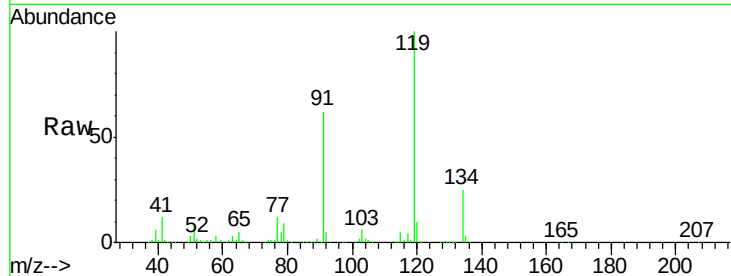




#83
tert-Butylbenzene
Concen: 21.391 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

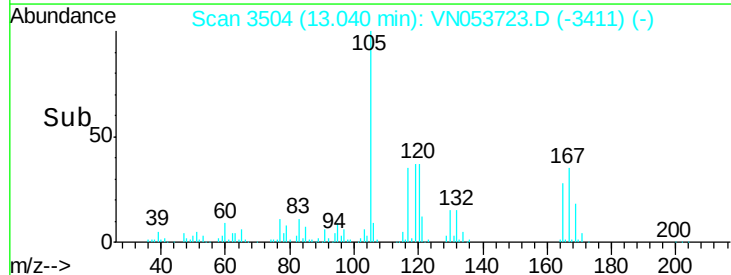
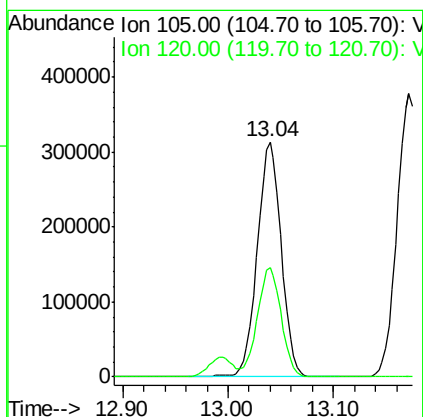
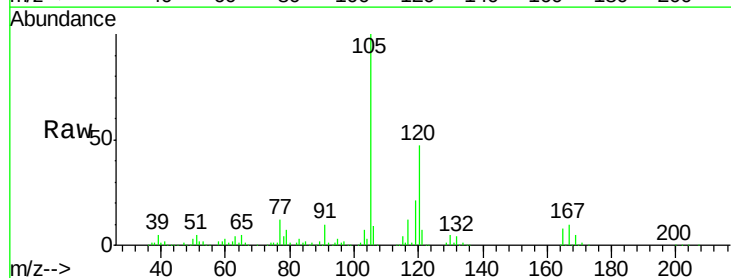
Instrument :
MSVOA_N
ClientSampled :
VN0212WBSD01

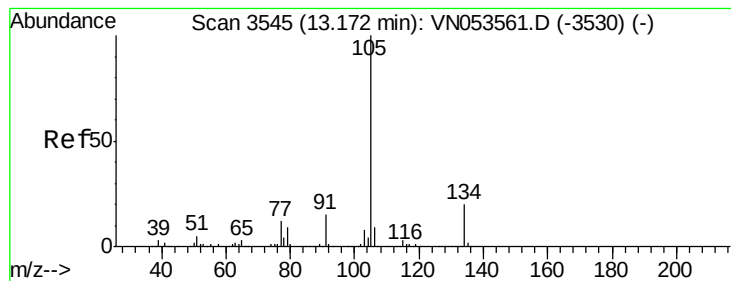
Tot Ion:119 Resp: 444330
Ion Ratio Lower Upper
119 100
91 60.6 31.3 93.8
134 26.3 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.782 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion:105 Resp: 497616
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.966 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

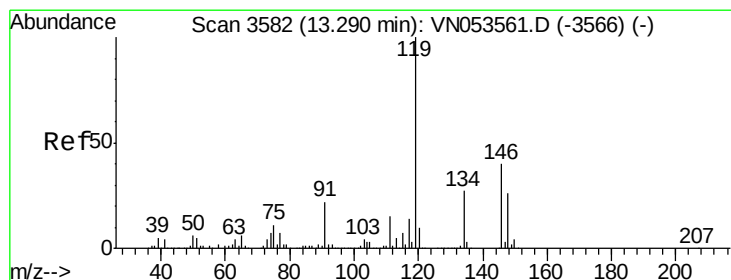
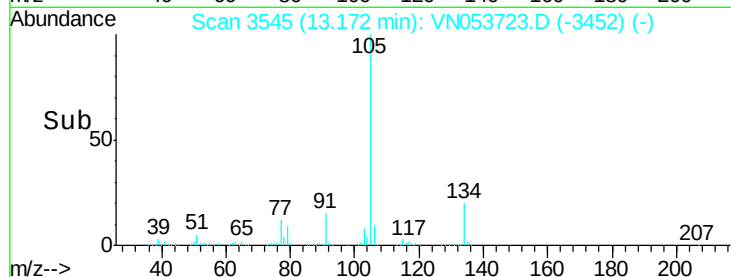
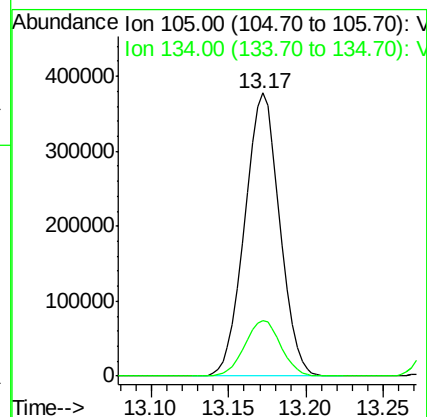
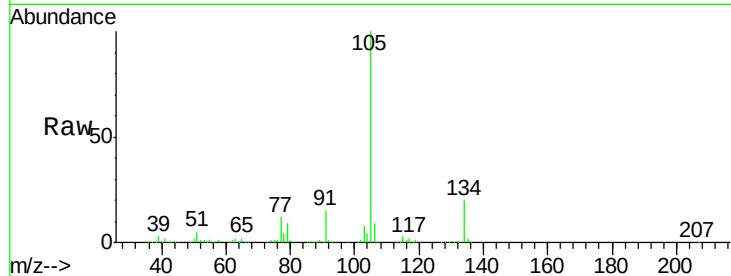
VN0212WBSD01

Tot Ion:105 Resp: 592620

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.512 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

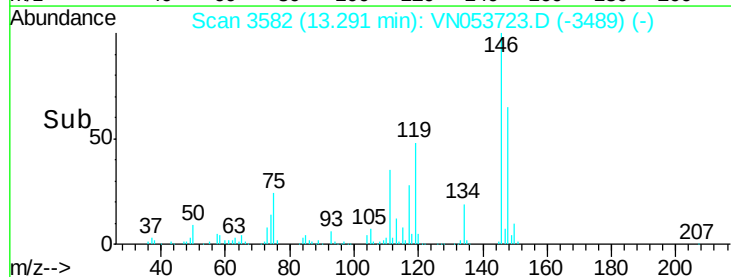
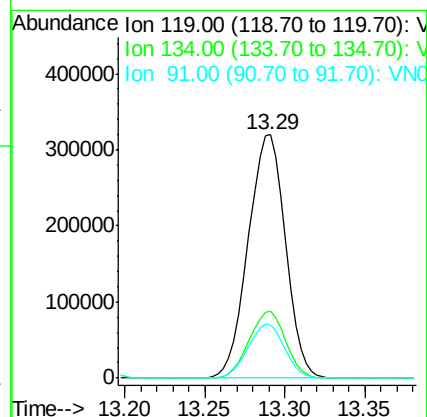
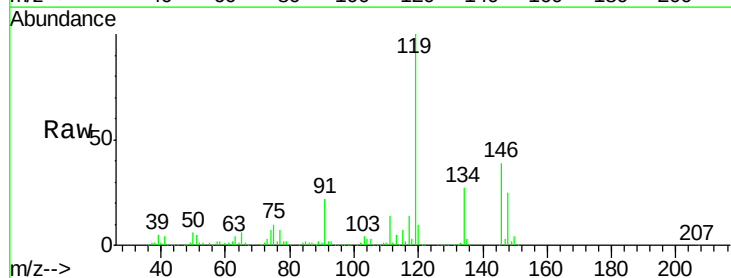
Tgt Ion:119 Resp: 507091

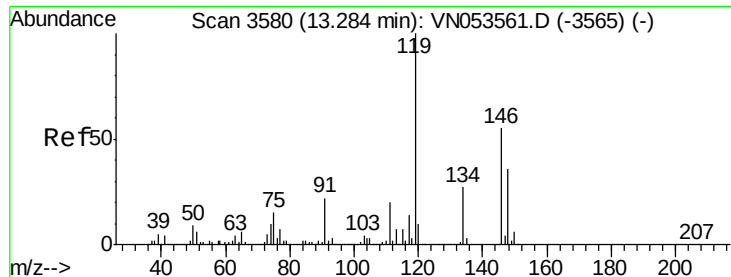
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 21.7 11.0 33.0

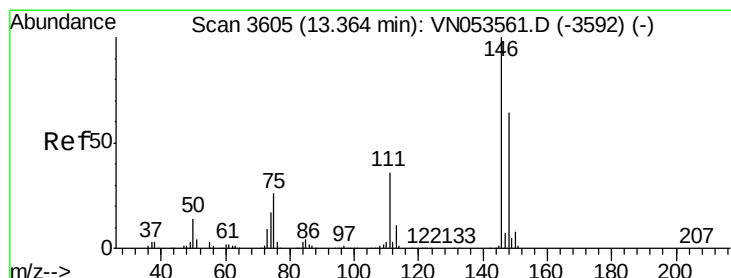
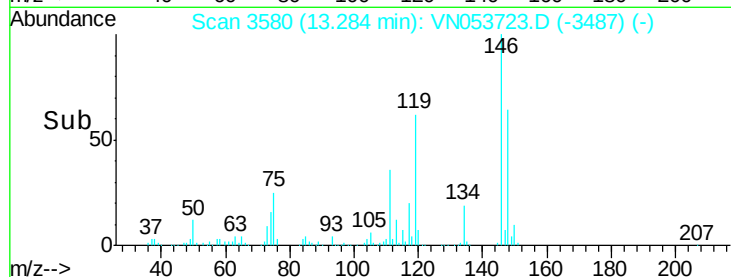
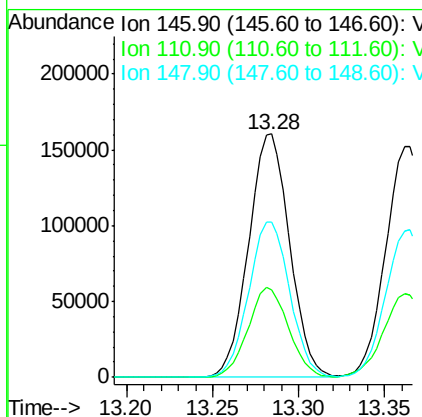
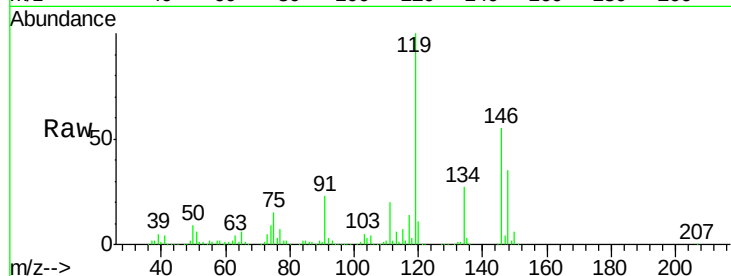




#87
 1,3-Dichlorobenzene
 Concen: 19.322 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

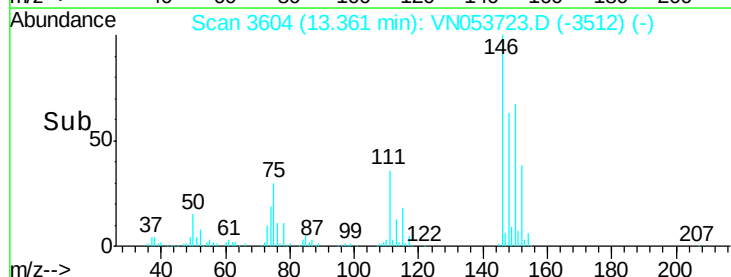
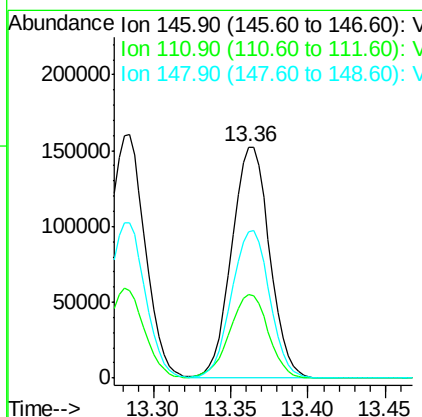
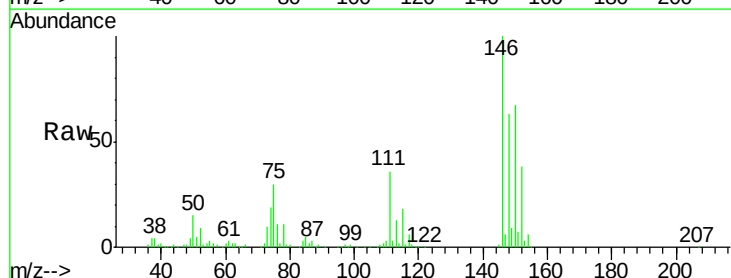
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

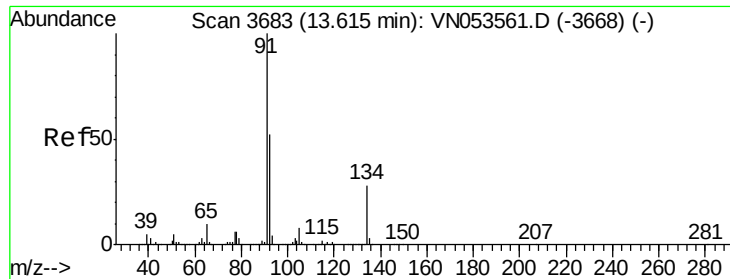
Tot Ion:146 Resp: 265312
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.8 56.3
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.146 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion:146 Resp: 260055
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 64.2 32.4 97.0

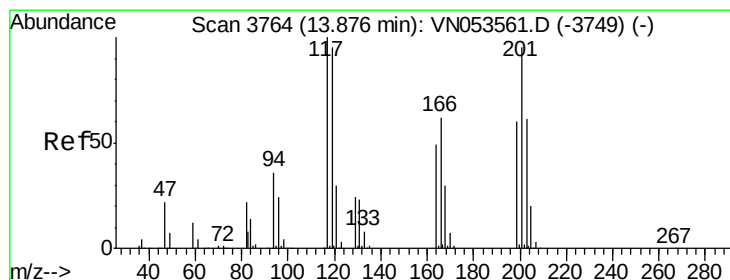
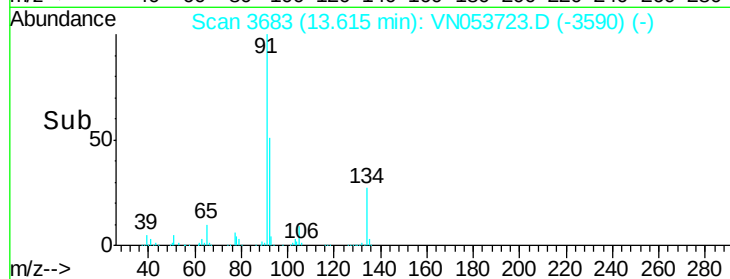
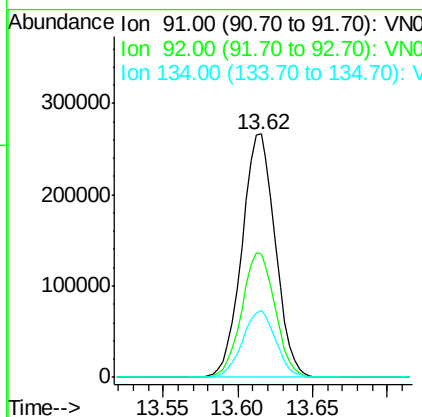
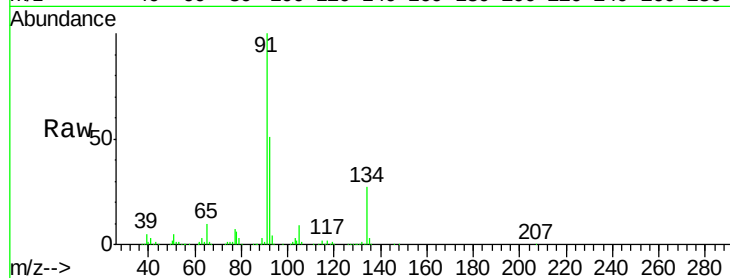




#89
n-Butylbenzene
Concen: 19.310 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

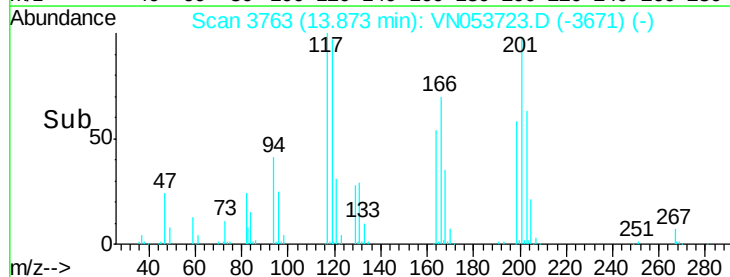
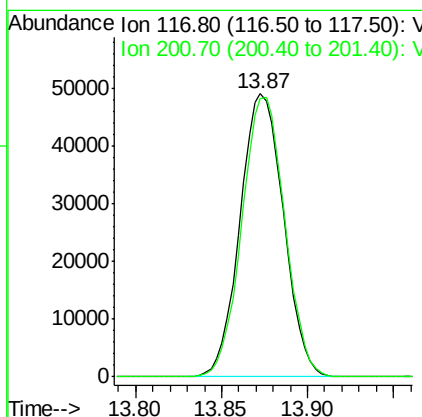
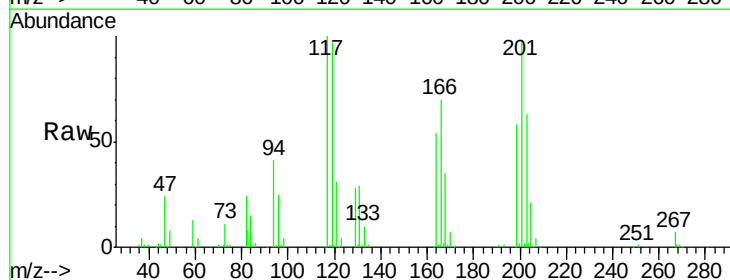
Instrument :
MSVOA_N
ClientSampled :
VN0212WBSD01

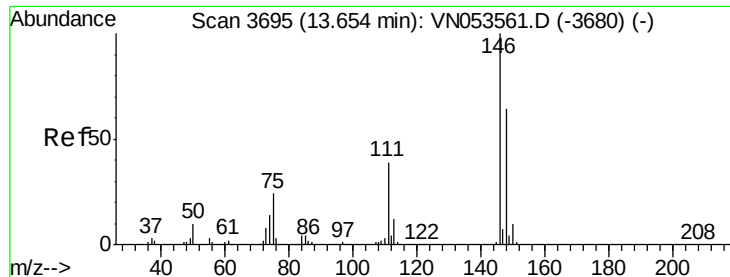
Tot Ion: 91 Resp: 413194
Ion Ratio Lower Upper
91 100
92 51.3 26.3 78.8
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 21.117 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053723.D
Acq: 12 Feb 2019 11:58

Tgt Ion: 117 Resp: 86109
Ion Ratio Lower Upper
117 100
201 97.6 46.8 140.4

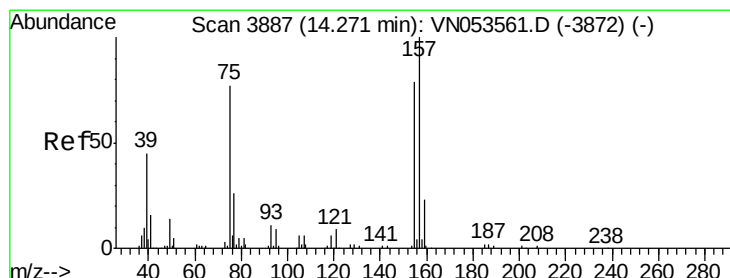
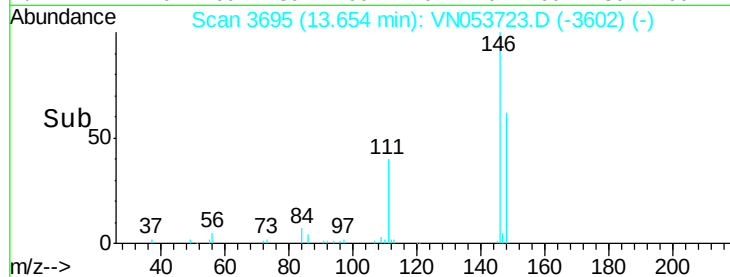
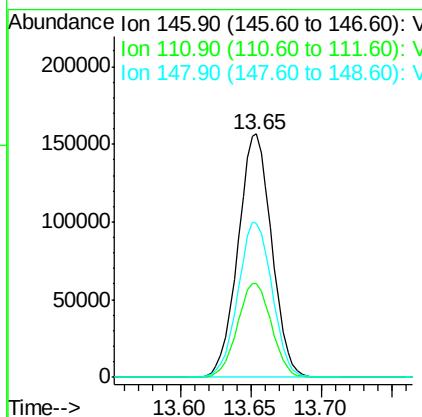
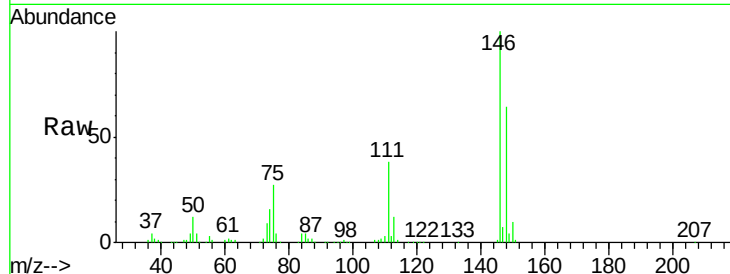




#91
 1,2-Dichlorobenzene
 Concen: 19.937 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

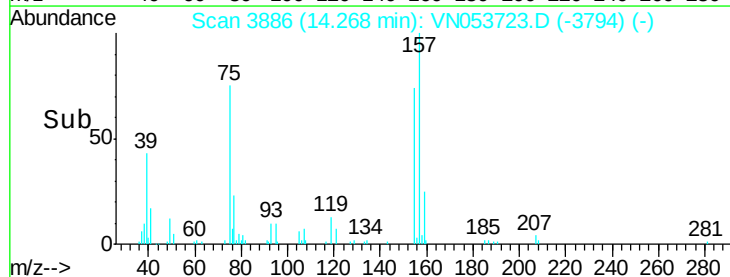
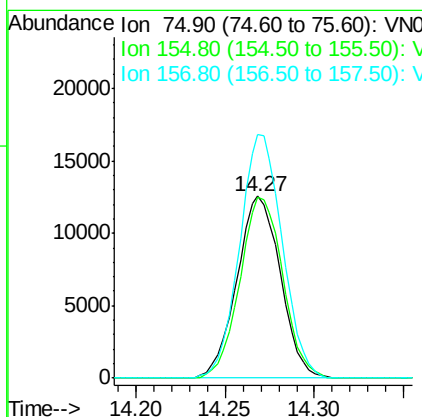
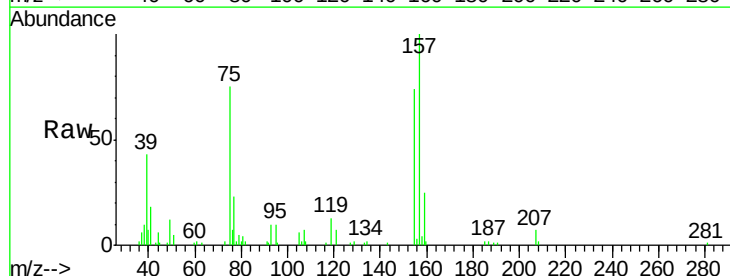
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

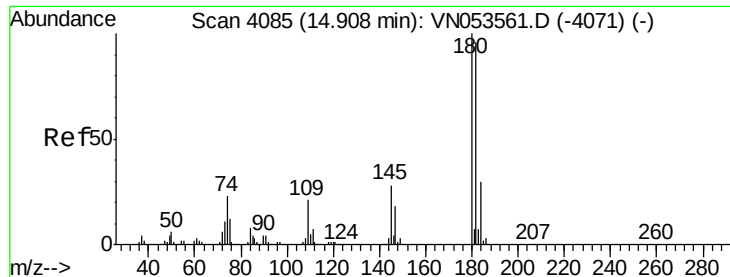
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	64.6	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.060 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	48.9	146.7
157	131.2	63.7	191.3

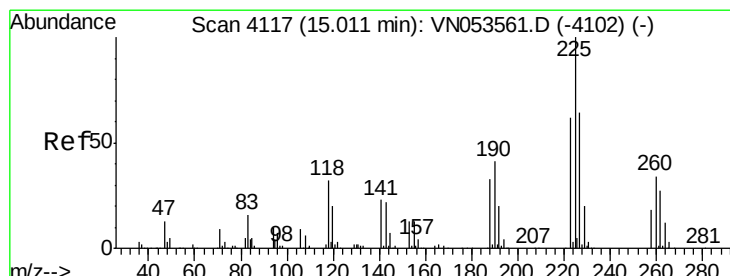
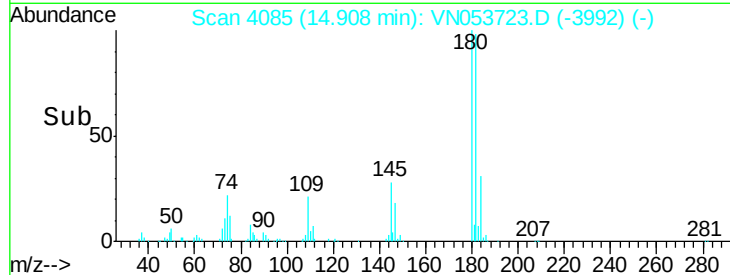
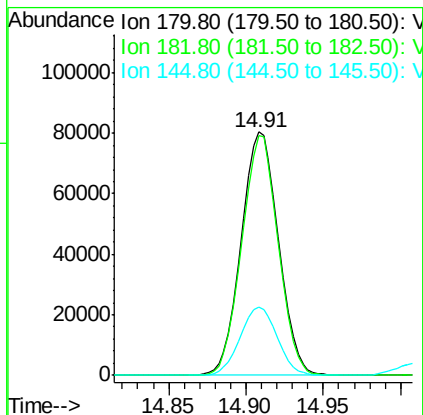
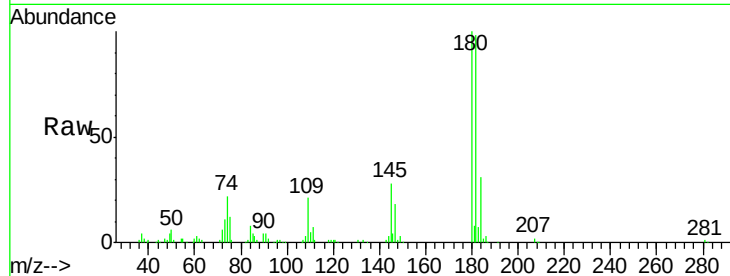




#93
 1,2,4-Trichlorobenzene
 Concen: 17.870 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

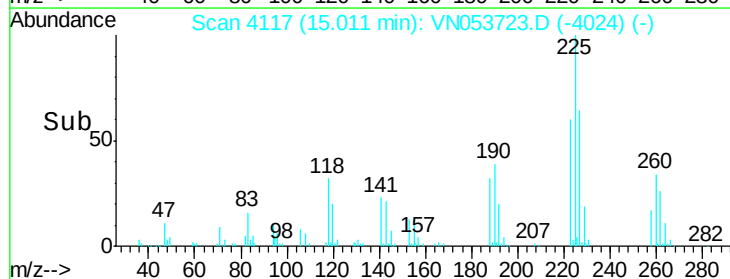
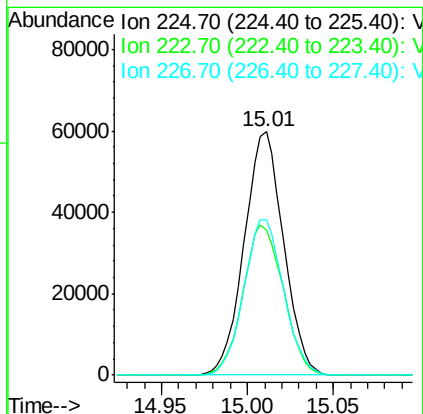
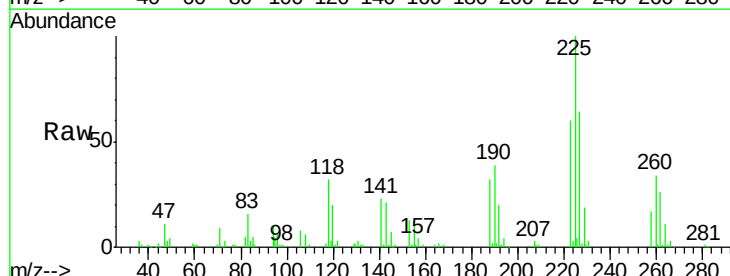
Instrument :
 MSVOA_N
 ClientSampled :
 VN0212WBSD01

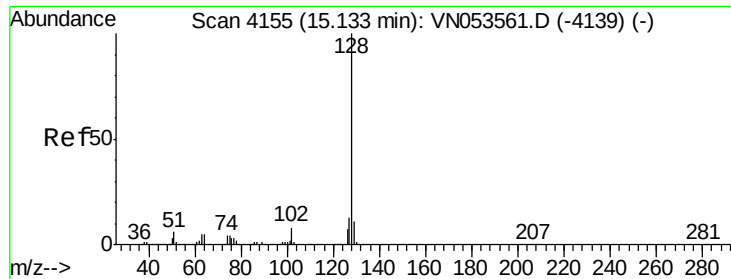
Tot Ion:180 Resp: 134726
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.1 144.3
 145 27.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 20.197 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053723.D
 Acq: 12 Feb 2019 11:58

Tgt Ion:225 Resp: 94828
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.1 93.2
 227 64.3 32.0 96.2





#95

Naphthalene

Concen: 17.285 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD01

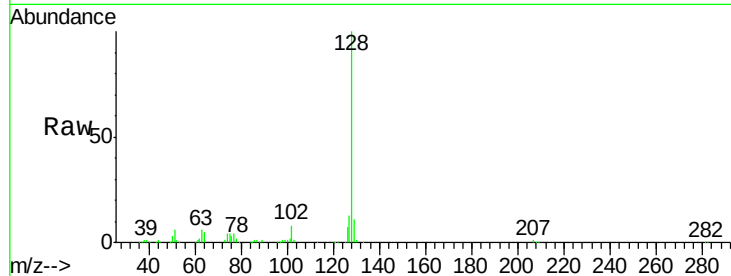
Tot Ion:128 Resp: 285279

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

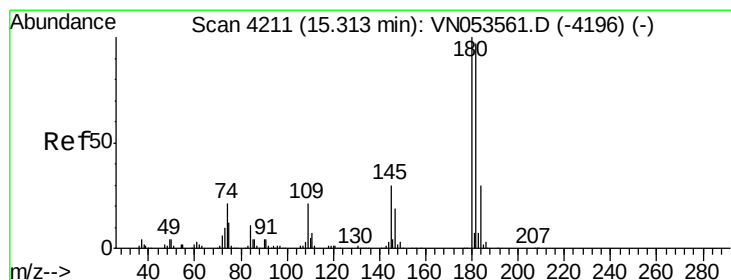
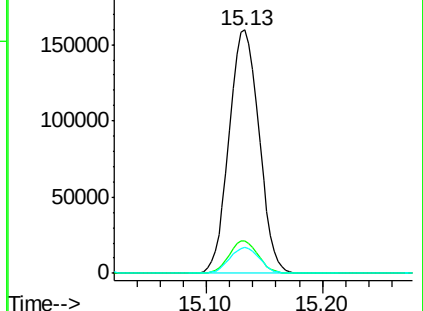
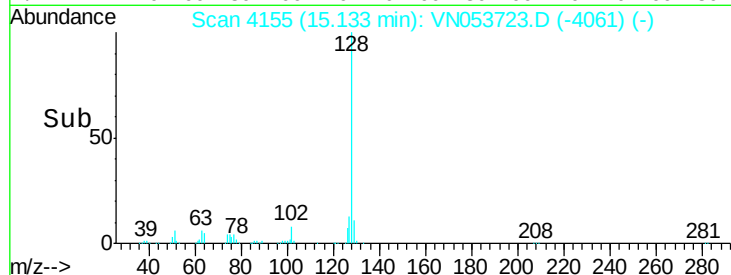
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.151 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053723.D

Acq: 12 Feb 2019 11:58

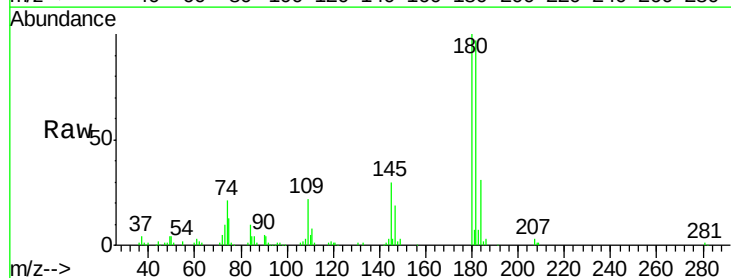
Tgt Ion:180 Resp: 133973

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.8

145 29.2 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

