

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020519\
 Data File : VN053612.D
 Acq On : 5 Feb 2019 11:49
 Operator : JC/SP
 Sample : VN0205WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

Quant Time: Feb 06 03:30:18 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	736065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1088664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	945814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	453003	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	352039	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
35) Dibromofluoromethane	7.59	113	341586	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
50) Toluene-d8	10.09	98	1265157	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	424754	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	153727	18.738	ug/l	100
3) Chloromethane	2.06	50	155981	17.850	ug/l	98
4) Vinyl Chloride	2.19	62	158625	18.699	ug/l	100
5) Bromomethane	2.57	94	104760	18.888	ug/l	98
6) Chloroethane	2.71	64	89245	18.410	ug/l	97
7) Trichlorofluoromethane	3.02	101	215948	18.772	ug/l	98
8) Diethyl Ether	3.41	74	74835	17.813	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	135178	19.001	ug/l	97
10) Methyl Iodide	3.95	142	192578	17.246	ug/l	99
11) Tert butyl alcohol	4.78	59	38531	88.169	ug/l #	85
12) 1,1-Dichloroethene	3.74	96	125440	18.403	ug/l	97
13) Acrolein	3.61	56	15242	64.060	ug/l	99
14) Allyl chloride	4.33	41	198230	18.265	ug/l	99
15) Acrylonitrile	4.99	53	218348	92.551	ug/l	99
16) Acetone	3.82	43	163551	86.350	ug/l	96
17) Carbon Disulfide	4.06	76	364192	17.159	ug/l	100
18) Methyl Acetate	4.33	43	103947	18.531	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	326602	18.901	ug/l	97
20) Methylene Chloride	4.55	84	143075	18.005	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	133902	18.209	ug/l	95
22) Diisopropyl ether	5.95	45	371834	18.491	ug/l	95
23) Vinyl Acetate	5.90	43	1276028	91.726	ug/l	99
24) 1,1-Dichloroethane	5.85	63	247330	18.440	ug/l	99
25) 2-Butanone	6.84	43	236385	87.507	ug/l	99
26) 2,2-Dichloropropane	6.82	77	185723	18.139	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	151833	18.568	ug/l	99
28) Bromochloromethane	7.20	49	106945	18.374	ug/l	96
29) Tetrahydrofuran	7.21	42	156942	90.477	ug/l	99
30) Chloroform	7.37	83	244720	18.406	ug/l	98
31) Cyclohexane	7.65	56	228137	18.161	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	202346	18.287	ug/l	100
36) 1,1-Dichloropropene	7.79	75	190817	19.444	ug/l	99
37) Ethyl Acetate	6.93	43	104311	19.032	ug/l	98
38) Carbon Tetrachloride	7.77	117	180267	18.234	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	222579	19.117	ug/l	99
40) Benzene	8.04	78	560817	18.532	ug/l	99
41) Methacrylonitrile	7.17	41	57931	18.911	ug/l	89
42) 1,2-Dichloroethane	8.13	62	162440	18.078	ug/l	100
43) Isopropyl Acetate	8.16	43	179926	16.998	ug/l	98
44) Trichloroethene	8.84	130	152522	17.703	ug/l	96
45) 1,2-Dichloropropane	9.12	63	148729	19.215	ug/l	96
46) Dibromomethane	9.21	93	86476	18.533	ug/l	99
47) Bromodichloromethane	9.40	83	179520	18.504	ug/l	98
48) Methyl methacrylate	9.20	41	84883	16.800	ug/l	89
49) 1,4-Dioxane	9.20	88	25100	368.532	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	477839	91.867	ug/l	99
52) Toluene	10.16	92	340964	18.984	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	177269	18.248	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	212356	18.447	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	121744	18.811	ug/l	98
56) Ethyl methacrylate	10.43	69	140494	18.350	ug/l	98
57) 1,3-Dichloropropane	10.71	76	206358	18.656	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	403016	90.166	ug/l	100
59) 2-Hexanone	10.75	43	309419	87.627	ug/l	100
60) Dibromochloromethane	10.90	129	135567	18.575	ug/l	100
61) 1,2-Dibromoethane	11.01	107	116110	18.126	ug/l	100
64) Tetrachloroethene	10.63	164	152635	18.826	ug/l	97
65) Chlorobenzene	11.43	112	375389	18.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	133454	19.021	ug/l	98
67) Ethyl Benzene	11.51	91	628990	19.059	ug/l	100
68) m/p-Xylenes	11.62	106	494124	39.230	ug/l	99
69) o-Xylene	11.95	106	235662	19.367	ug/l	100
70) Styrene	11.96	104	379278	19.230	ug/l	99
71) Bromoform	12.13	173	90062	18.723	ug/l #	99
73) Isopropylbenzene	12.25	105	629806	19.777	ug/l	100
74) N-amyl acetate	12.07	43	137148	17.910	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	138877	18.222	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	168091	28.889	ug/l #	100
77) Bromobenzene	12.53	156	163581	19.060	ug/l	99
78) n-propylbenzene	12.59	91	723285	19.647	ug/l	100
79) 2-Chlorotoluene	12.67	91	424279	19.426	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	537275	20.345	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35679	17.243	ug/l	97
82) 4-Chlorotoluene	12.77	91	436885	19.494	ug/l	100
83) tert-Butylbenzene	12.99	119	470622	20.164	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	538371	20.010	ug/l	98
85) sec-Butylbenzene	13.17	105	645728	20.331	ug/l	100
86) p-Isopropyltoluene	13.29	119	560558	20.180	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	292934	18.986	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	286373	18.764	ug/l	100
89) n-Butylbenzene	13.62	91	474195	19.723	ug/l	99
90) Hexachloroethane	13.87	117	91707	20.015	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	278030	18.823	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19651	18.092	ug/l	97

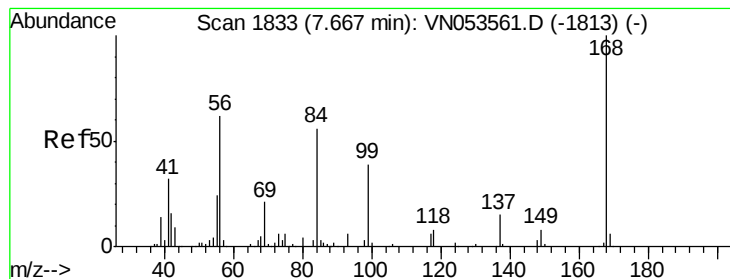
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020519\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	158562	18.718	ug/l	100
94) Hexachlorobutadiene	15.01	225	103093	19.542	ug/l	98
95) Naphthalene	15.13	128	317196	17.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	146512	18.640	ug/l	99

(#) = 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: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

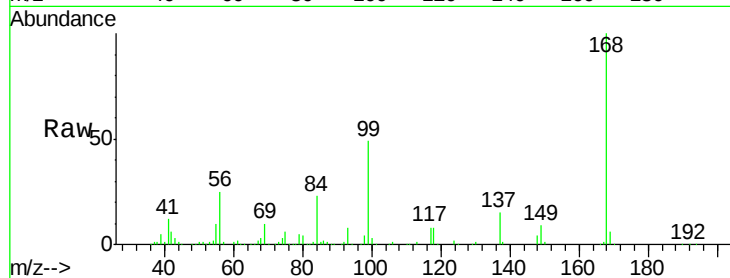
VN0205WBS01

Tot Ion:168 Resp: 736065

Ion Ratio Lower Upper

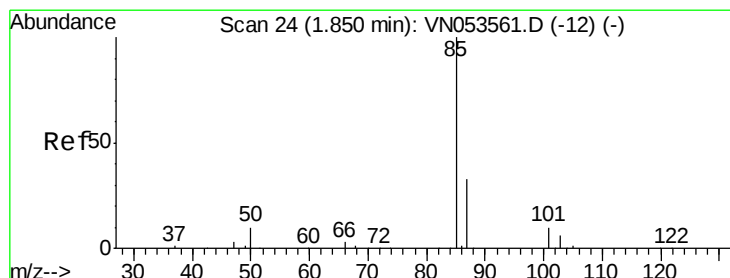
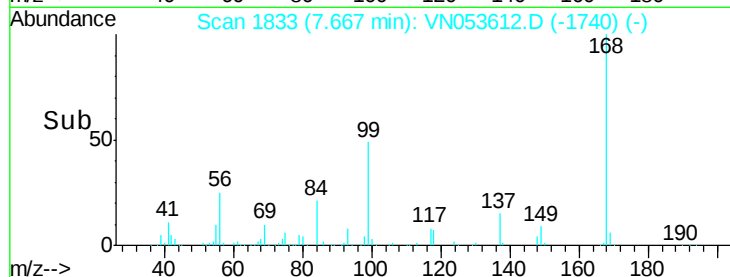
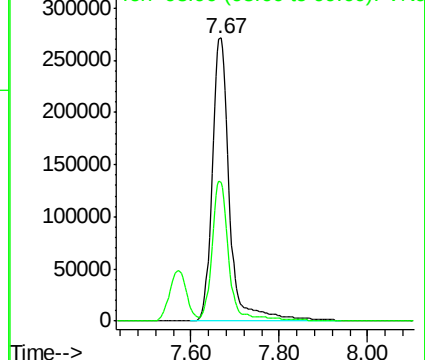
168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.738 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053612.D

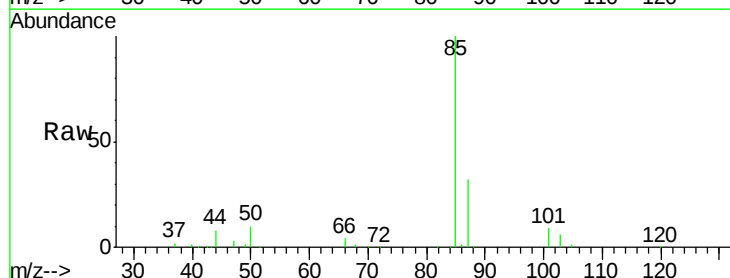
Acq: 5 Feb 2019 11:49

Tgt Ion: 85 Resp: 153727

Ion Ratio Lower Upper

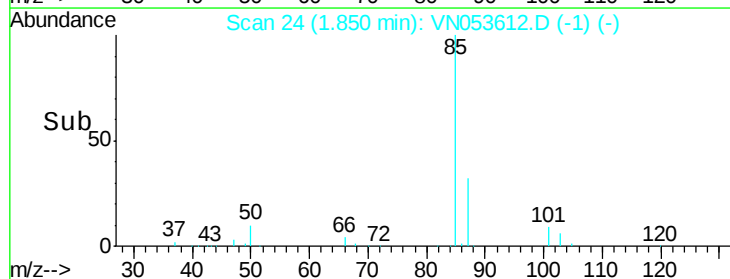
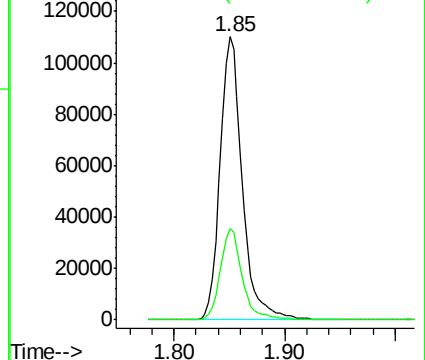
85 100

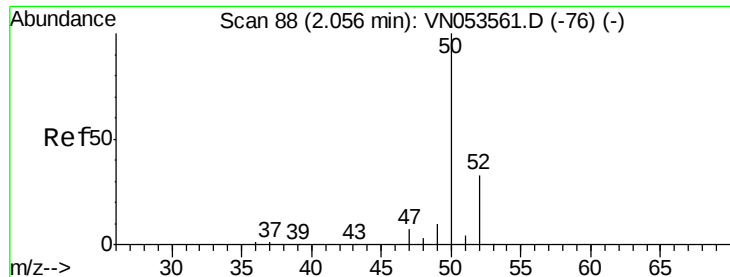
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.850 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

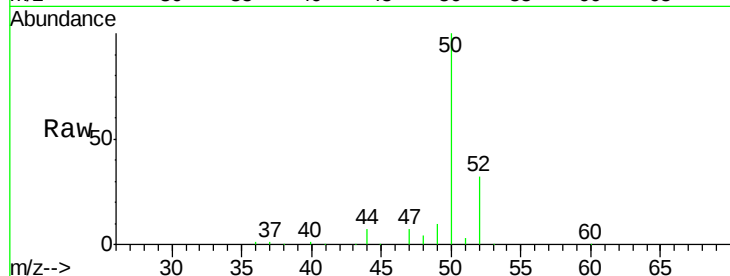
VN0205WBS01

Tot Ion: 50 Resp: 155981

Ion Ratio Lower Upper

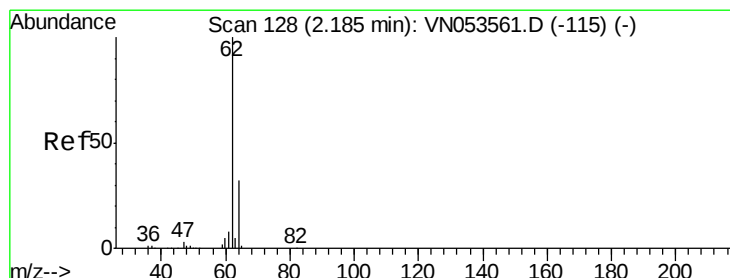
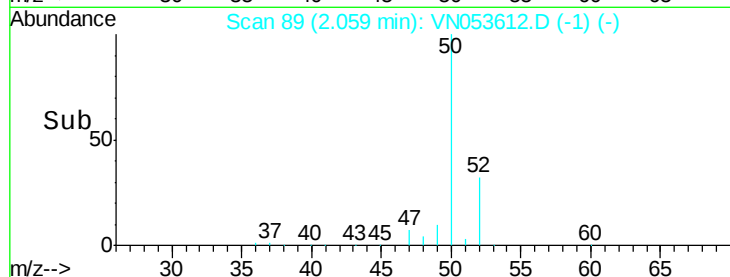
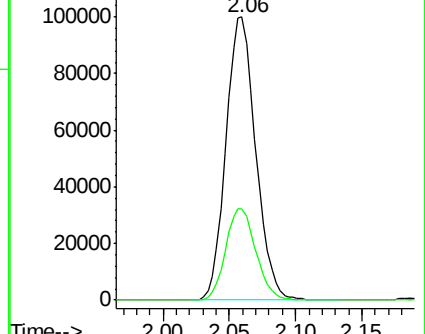
50 100

52 32.4 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.699 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053612.D

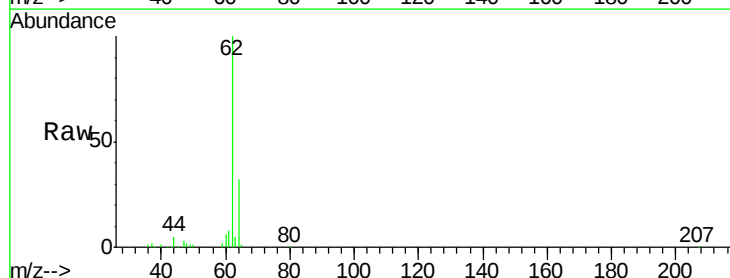
Acq: 5 Feb 2019 11:49

Tgt Ion: 62 Resp: 158625

Ion Ratio Lower Upper

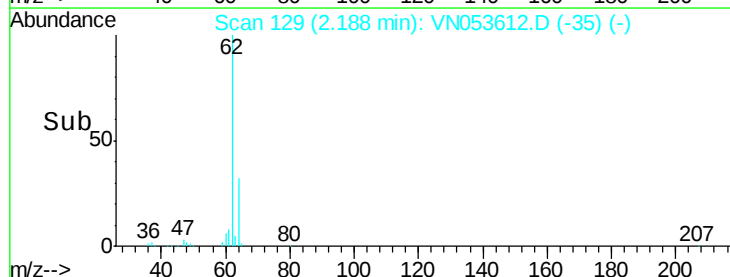
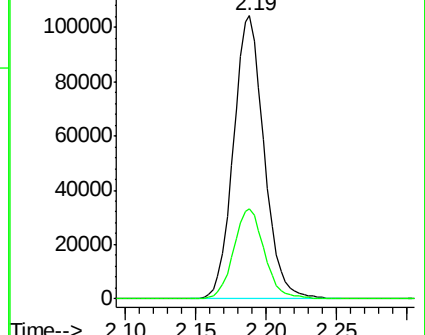
62 100

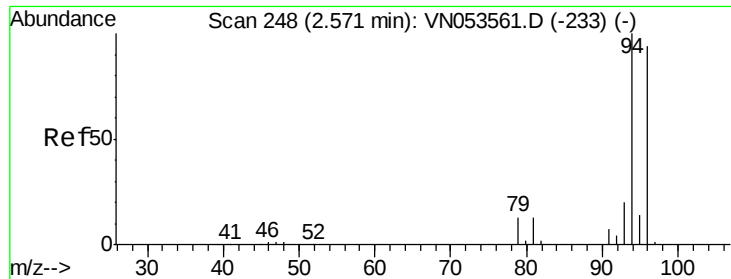
64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.888 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

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ClientSampleId :

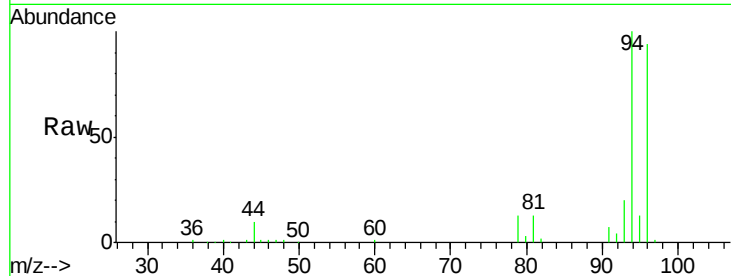
VN0205WBS01

Tot Ion: 94 Resp: 104760

Ion Ratio Lower Upper

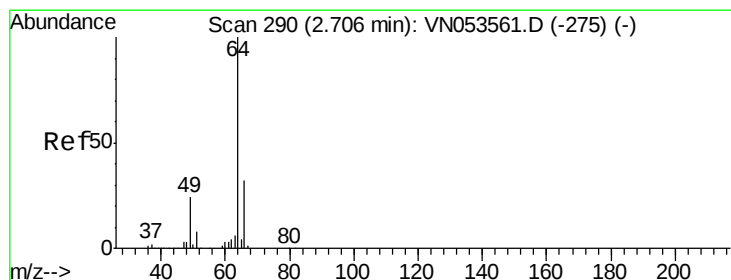
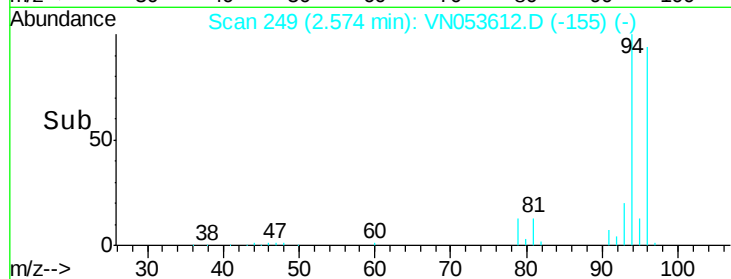
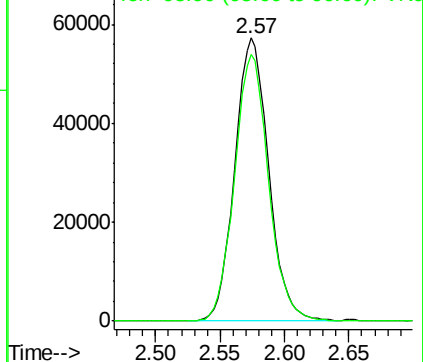
94 100

96 94.4 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.410 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053612.D

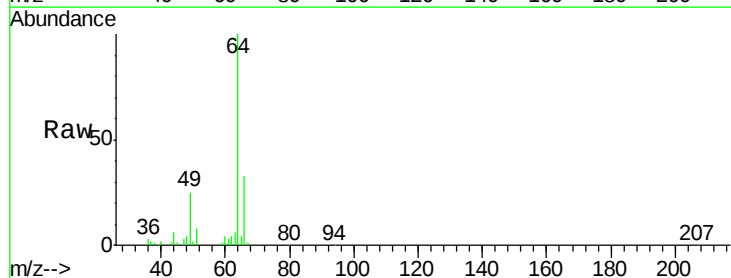
Acq: 5 Feb 2019 11:49

Tgt Ion: 64 Resp: 89245

Ion Ratio Lower Upper

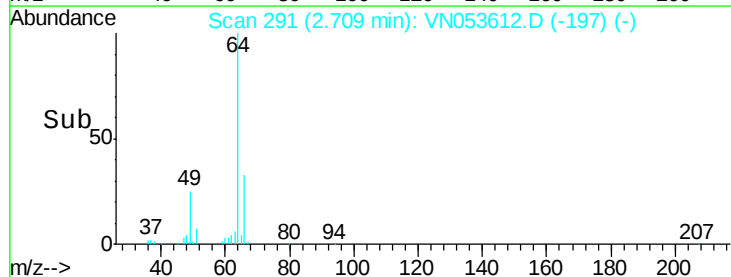
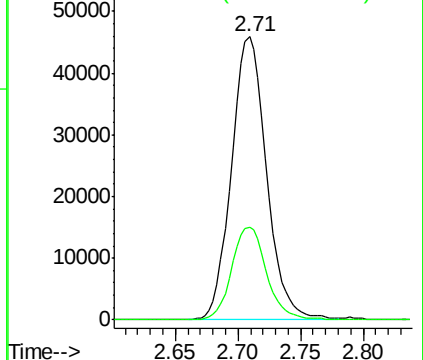
64 100

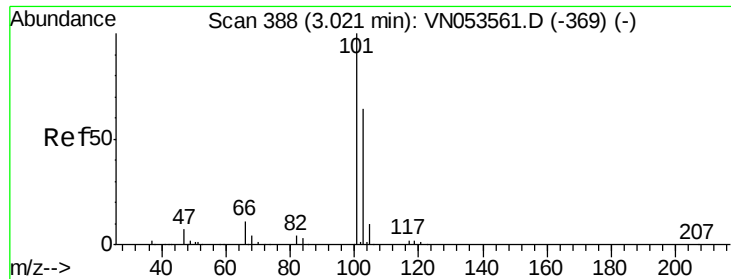
66 32.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



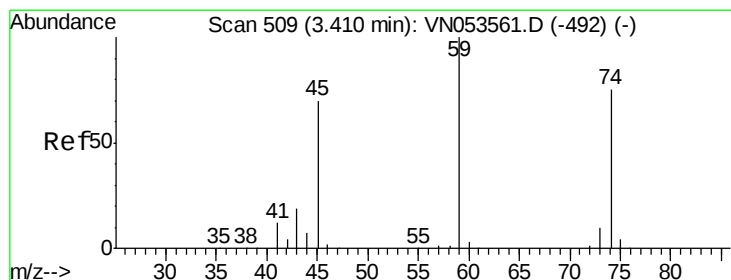
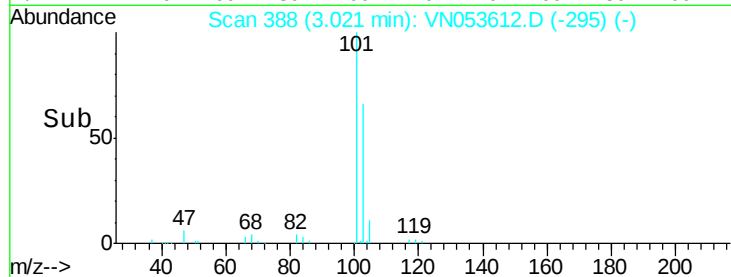
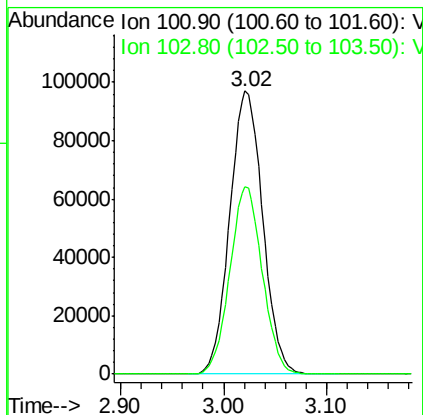
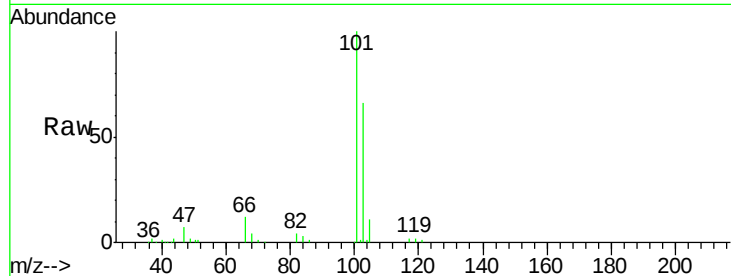


#7

Trichlorofluoromethane
 Concen: 18.772 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Instrument :
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 ClientSampleId :
 VN0205WBS01

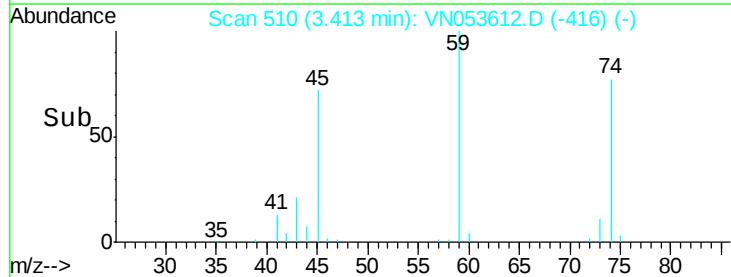
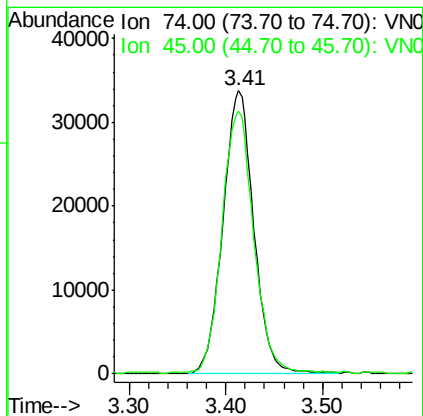
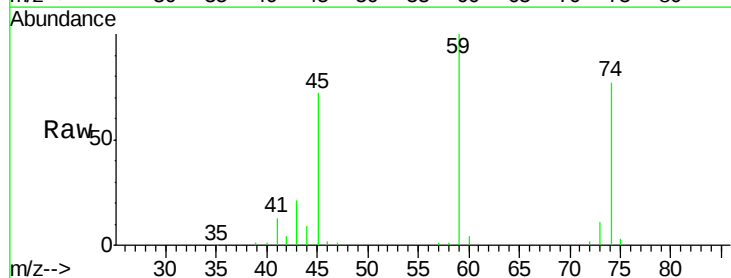
Tot Ion:101 Resp: 215948
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.6 77.4

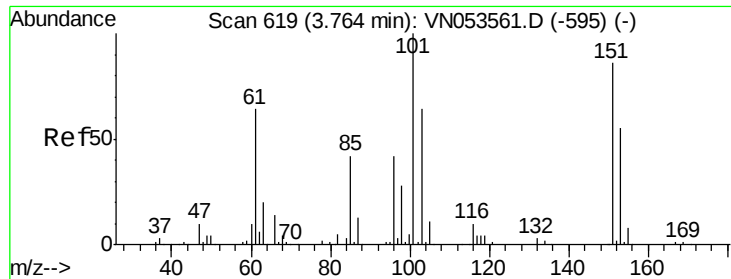


#8

Diethyl Ether
 Concen: 17.813 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion: 74 Resp: 74835
 Ion Ratio Lower Upper
 74 100
 45 94.0 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.001 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

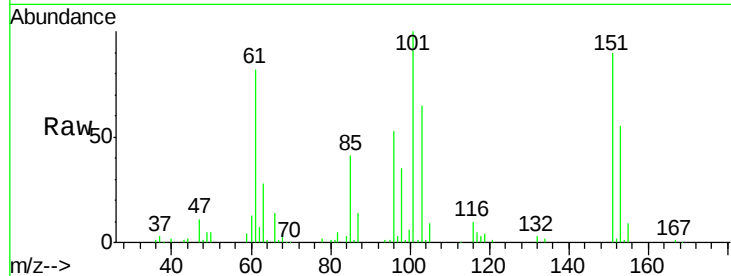
Tot Ion:101 Resp: 135178

Ion Ratio Lower Upper

101 100

85 40.6 32.8 49.2

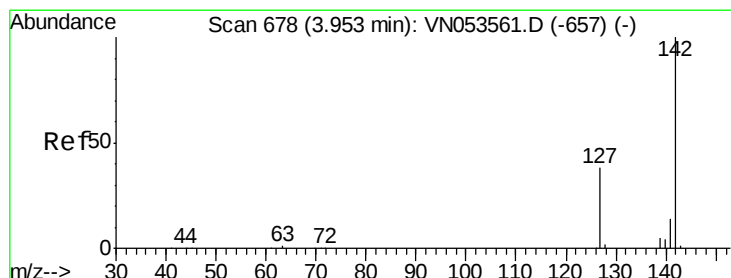
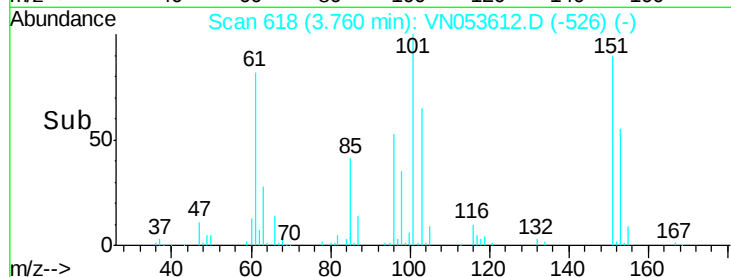
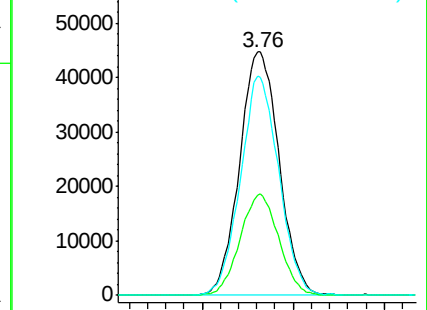
151 87.2 66.9 100.3



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: 17.246 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

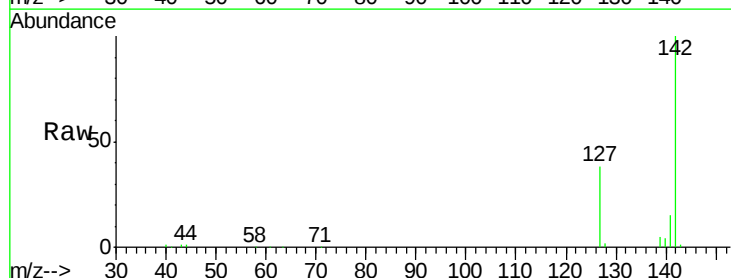
Tgt Ion:142 Resp: 192578

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

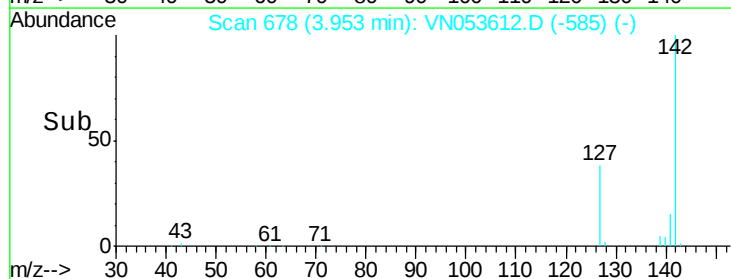
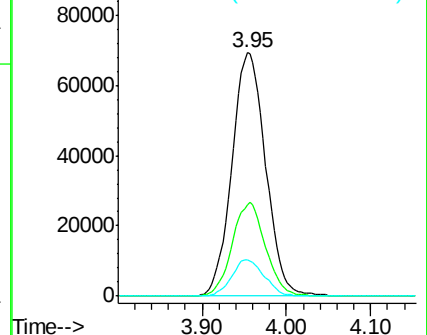
141 14.4 11.1 16.7

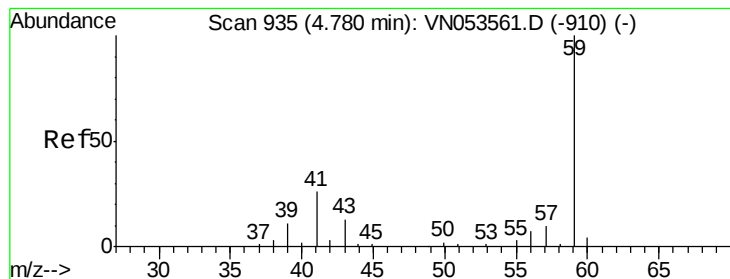


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



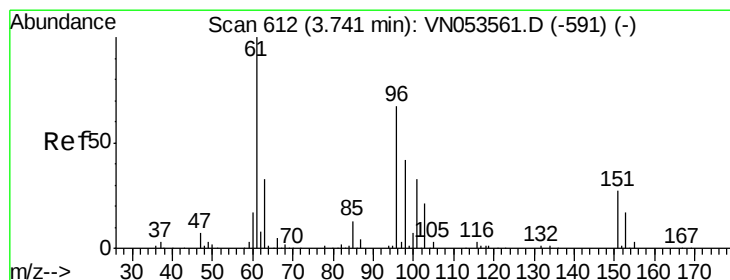
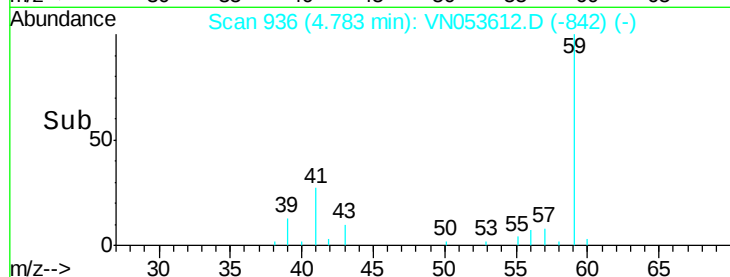
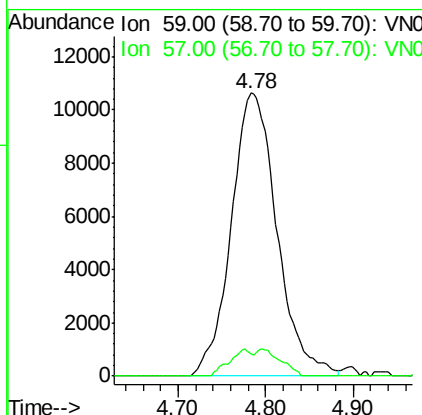
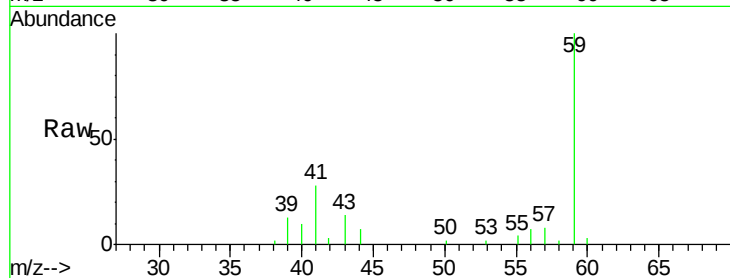


#11

Tert butyl alcohol
 Concen: 88.169 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

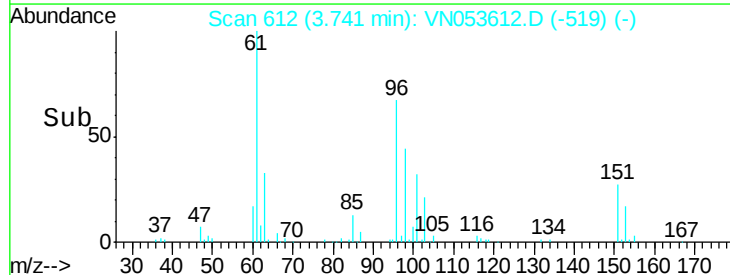
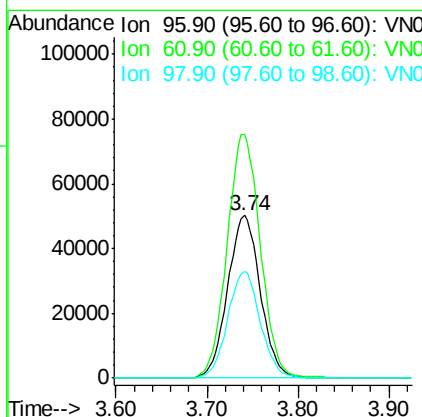
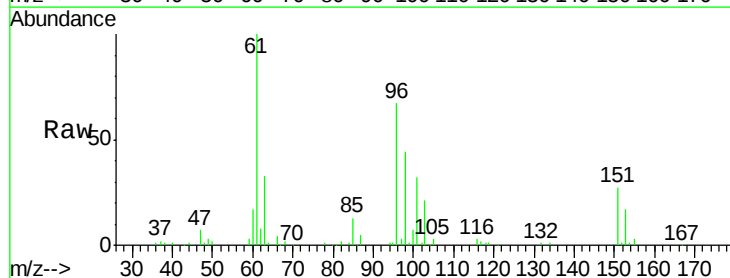
Tot Ion: 59 Resp: 38531
 Ion Ratio Lower Upper
 59 100
 57 4.8 8.2 12.4#

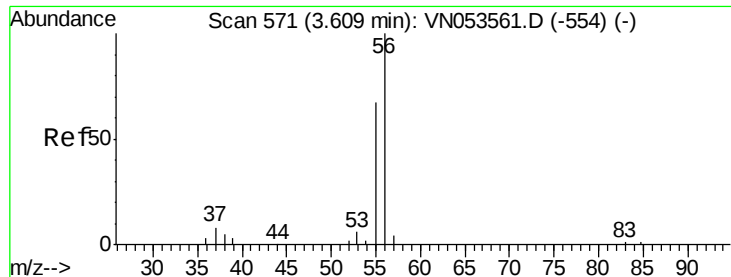


#12

1,1-Dichloroethene
 Concen: 18.403 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion: 96 Resp: 125440
 Ion Ratio Lower Upper
 96 100
 61 149.8 122.9 184.3
 98 65.3 49.4 74.0

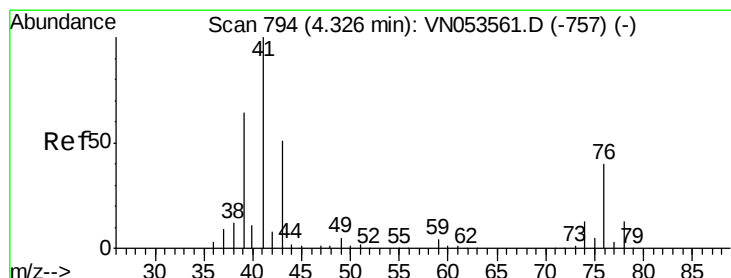
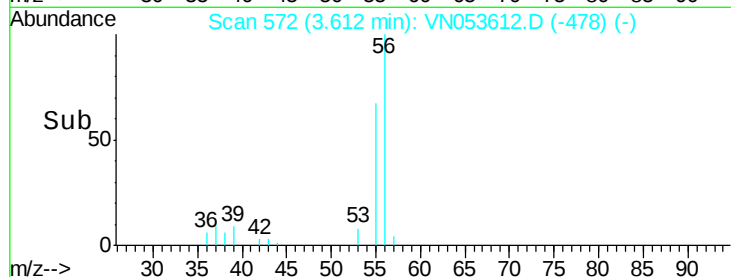
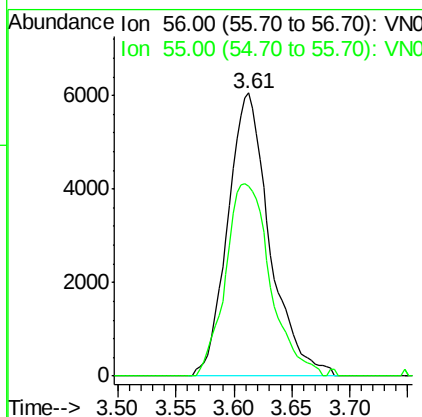
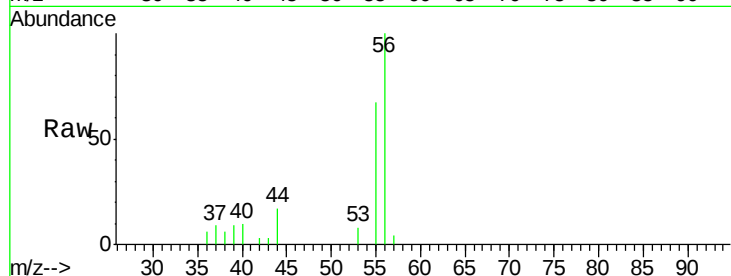




#13
Acrolein
Concen: 64.060 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

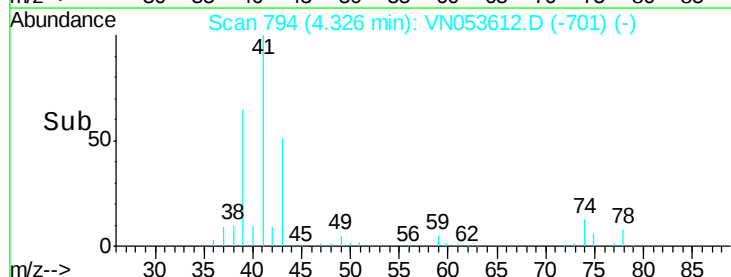
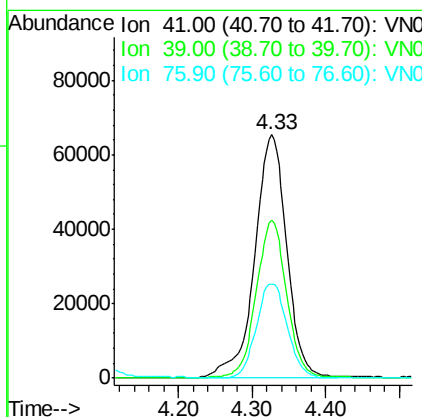
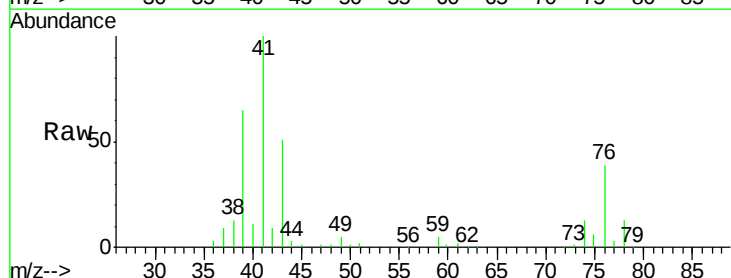
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tot Ion: 56 Resp: 15242
Ion Ratio Lower Upper
56 100
55 72.4 57.4 86.0



#14
Allyl chloride
Concen: 18.265 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion: 41 Resp: 198230
Ion Ratio Lower Upper
41 100
39 62.1 48.9 73.3
76 36.9 29.4 44.2





#15

Acrylonitrile

Concen: 92.551 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

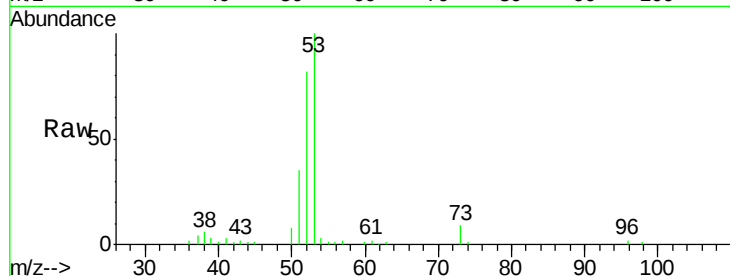
Tot Ion: 53 Resp: 218348

Ion Ratio Lower Upper

53 100

52 81.1 66.0 99.0

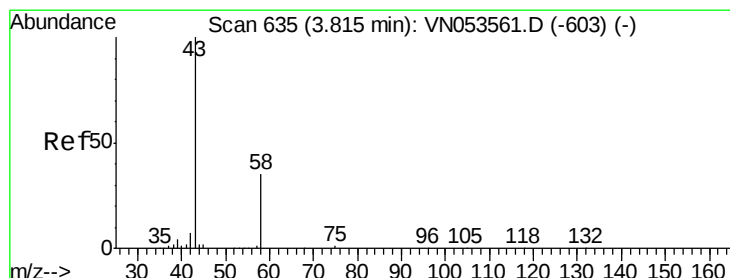
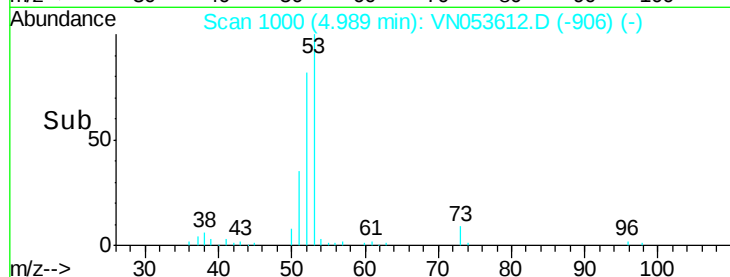
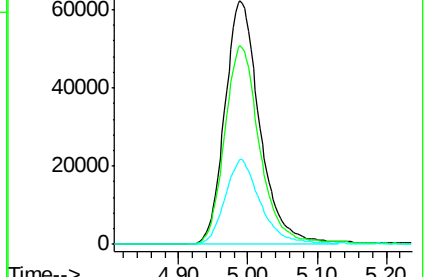
51 35.3 28.3 42.5



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: 86.350 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053612.D

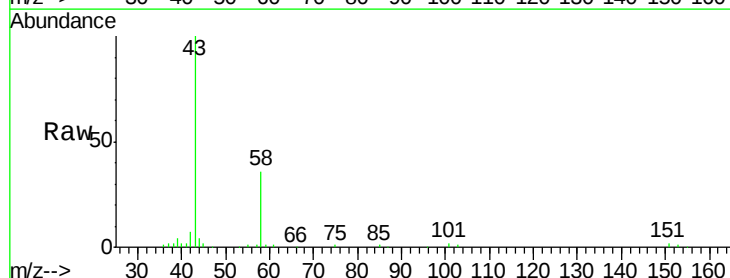
Acq: 5 Feb 2019 11:49

Tgt Ion: 43 Resp: 163551

Ion Ratio Lower Upper

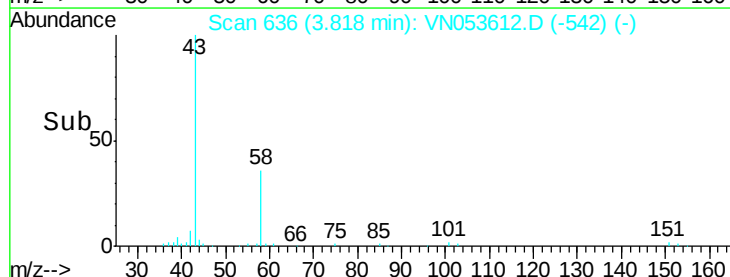
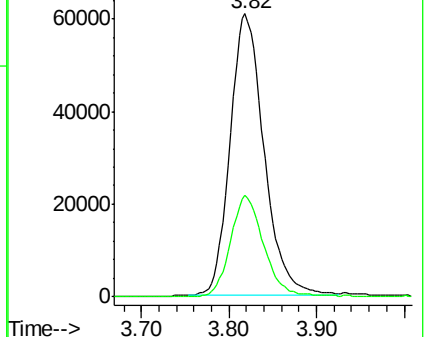
43 100

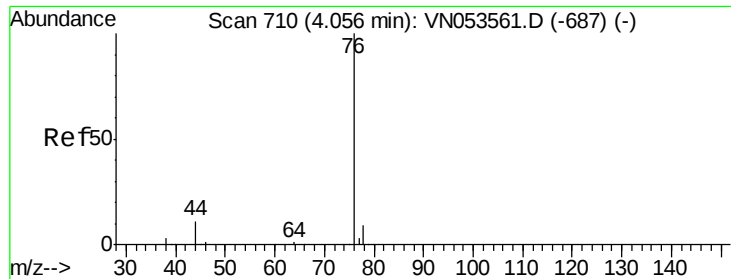
58 36.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

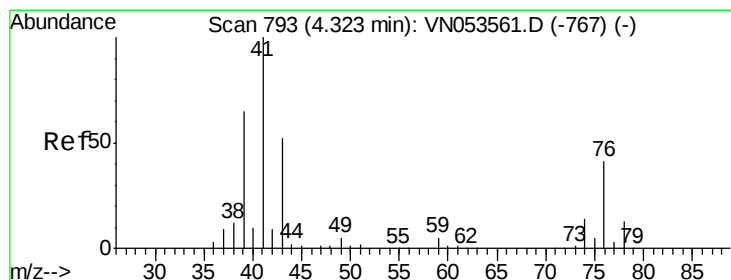
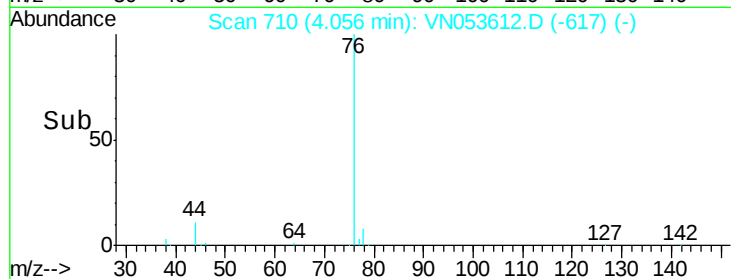
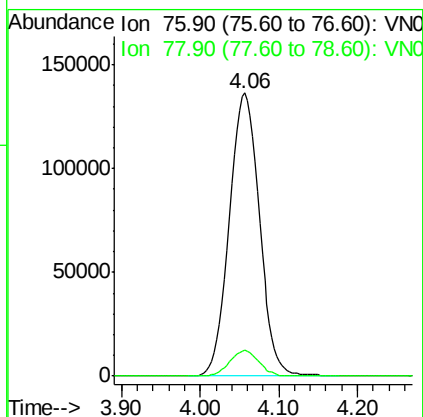
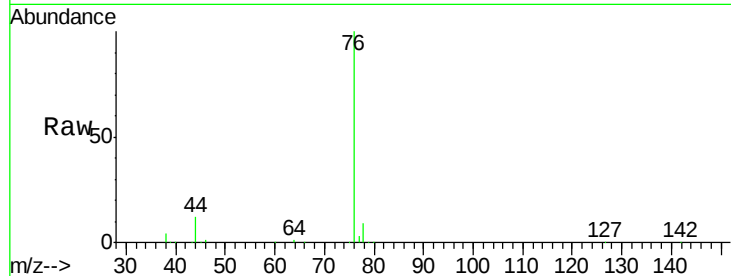




#17
Carbon Disulfide
Concen: 17.159 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

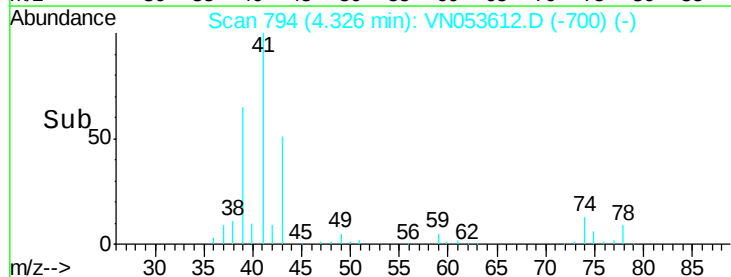
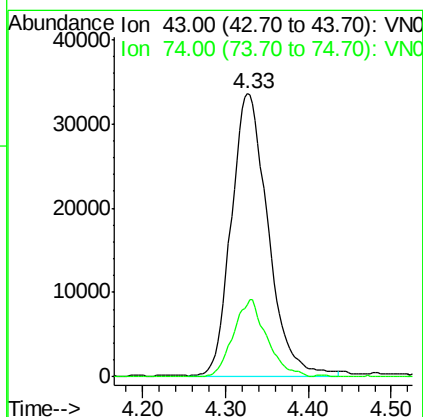
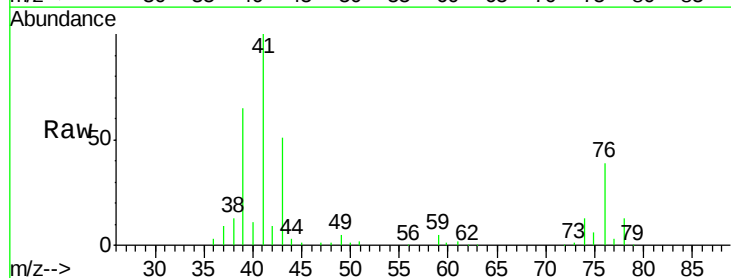
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

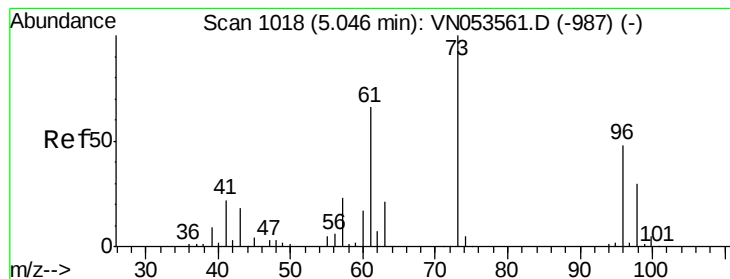
Tot Ion: 76 Resp: 364192
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 18.531 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion: 43 Resp: 103947
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 18.901 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleID :

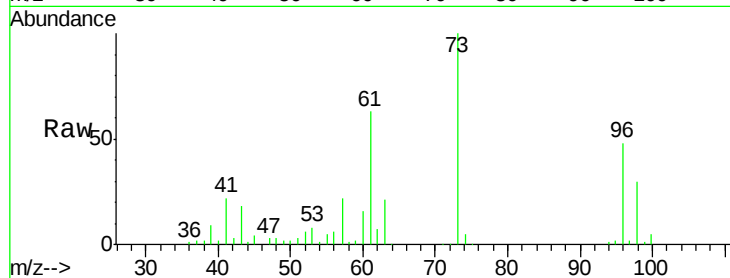
VN0205WBS01

Tot Ion: 73 Resp: 326602

Ion Ratio Lower Upper

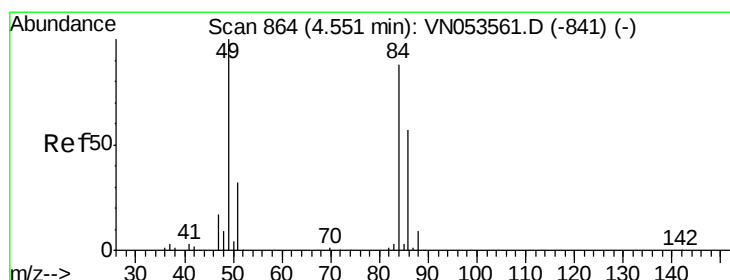
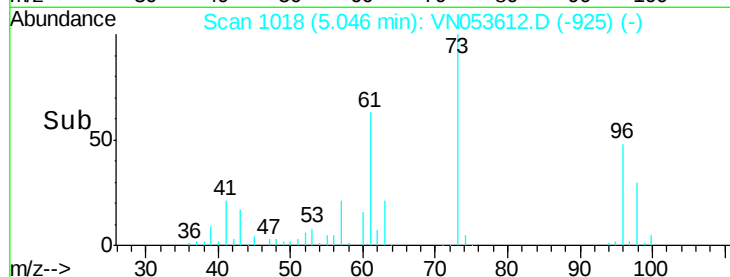
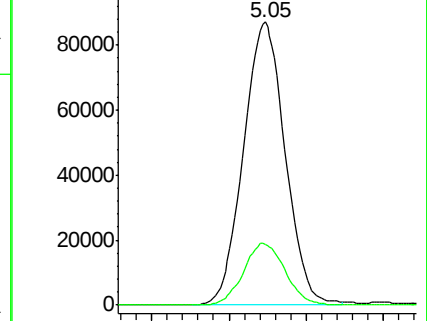
73 100

57 21.6 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: 18.005 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Tgt Ion: 84 Resp: 143075

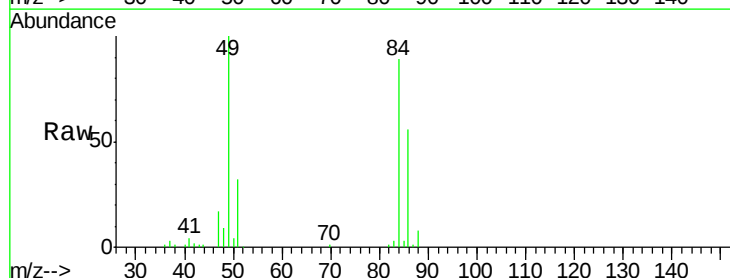
Ion Ratio Lower Upper

84 100

49 112.0 94.3 141.5

51 36.1 29.4 44.2

86 62.9 51.4 77.0

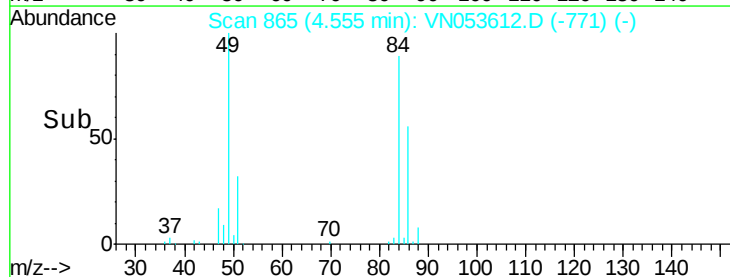
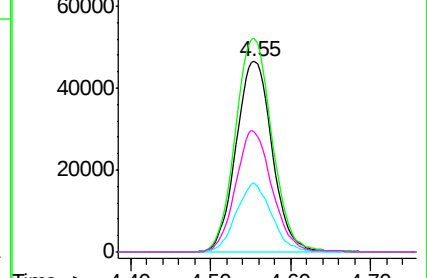


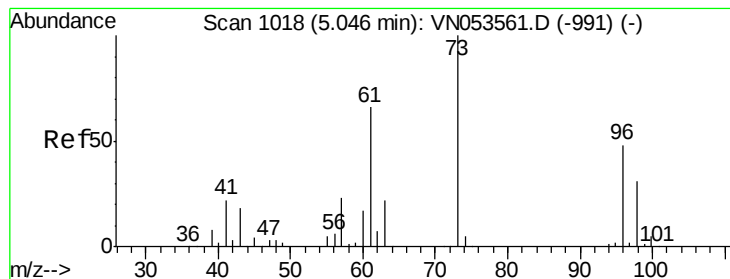
Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 18.209 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

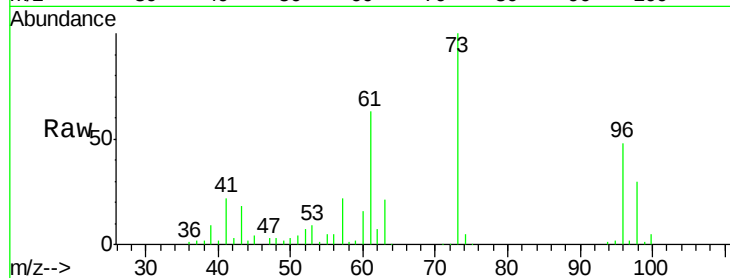
Tot Ion: 96 Resp: 133902

Ion Ratio Lower Upper

96 100

61 129.4 110.1 165.1

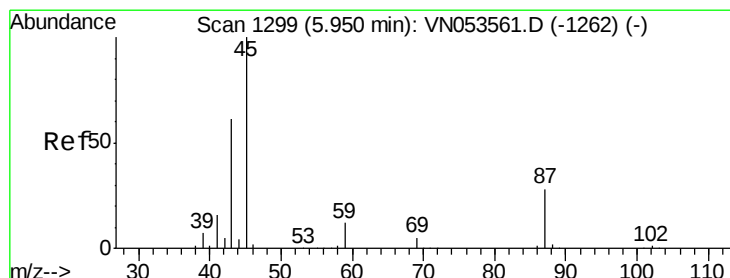
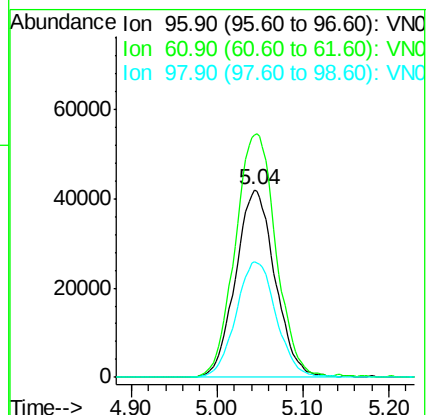
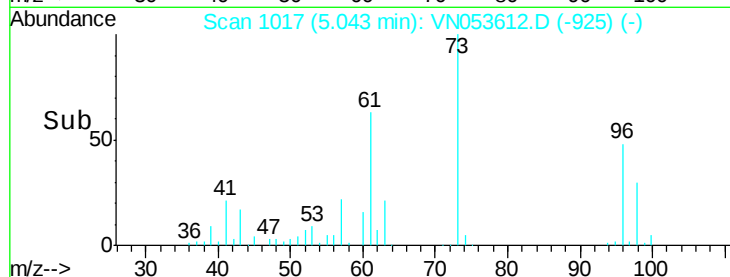
98 62.0 50.0 75.0



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: 18.491 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Tgt Ion: 45 Resp: 371834

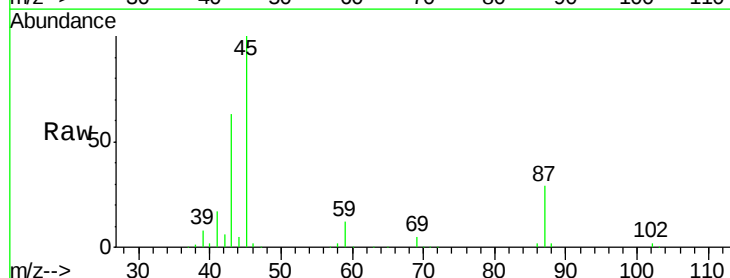
Ion Ratio Lower Upper

45 100

43 61.0 44.2 66.4

87 28.7 22.7 34.1

59 12.0 9.4 14.2

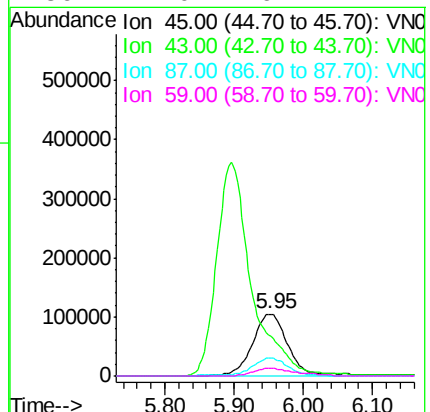
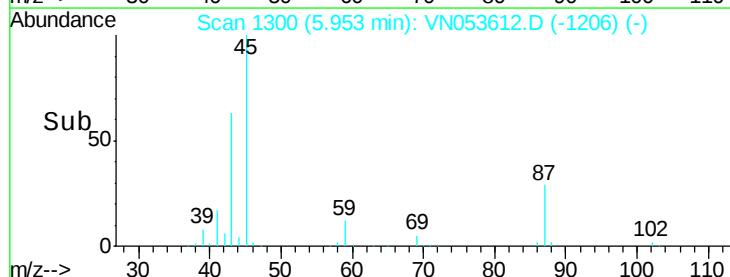


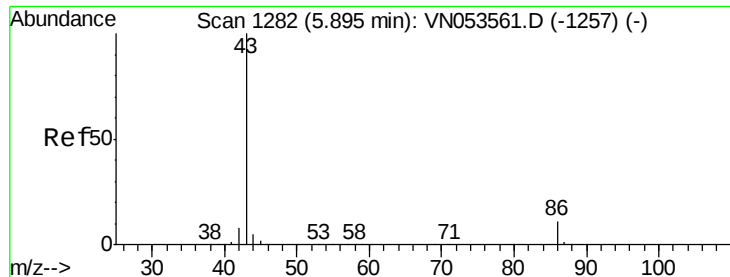
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

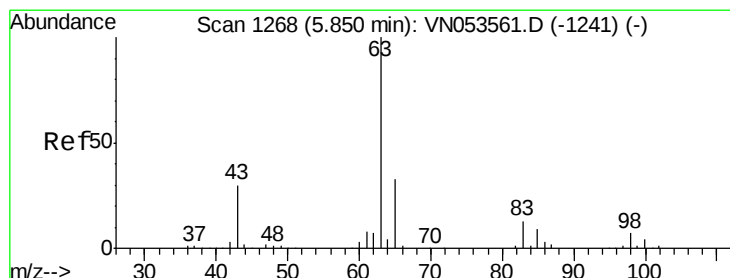
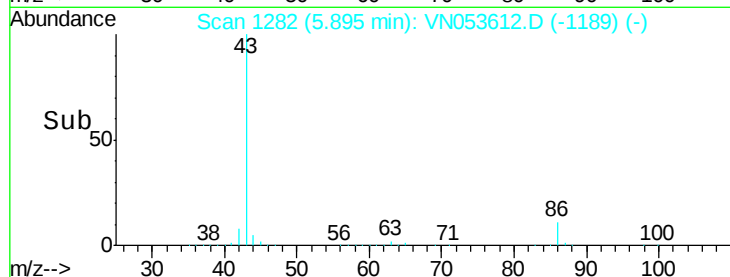
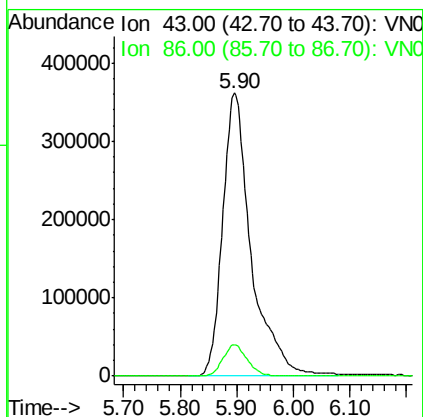
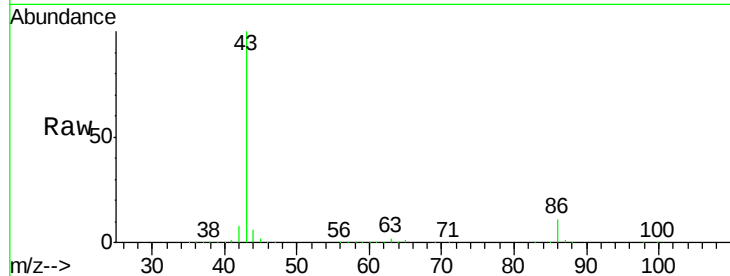




#23
 Vinyl Acetate
 Concen: 91.726 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

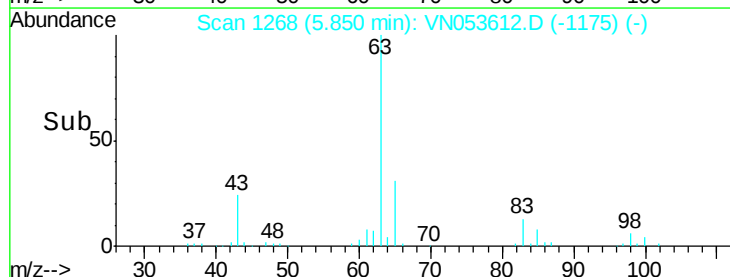
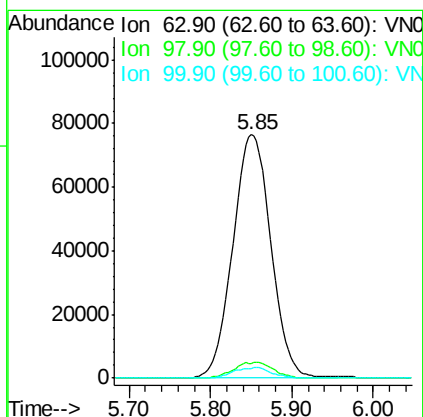
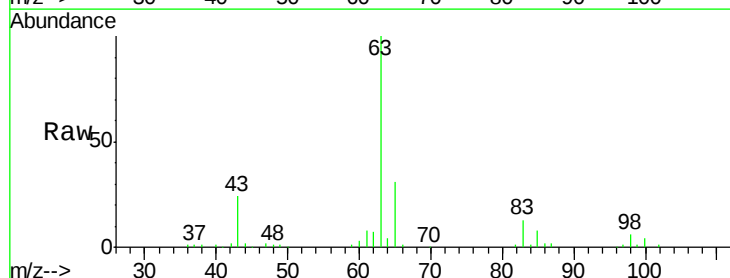
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

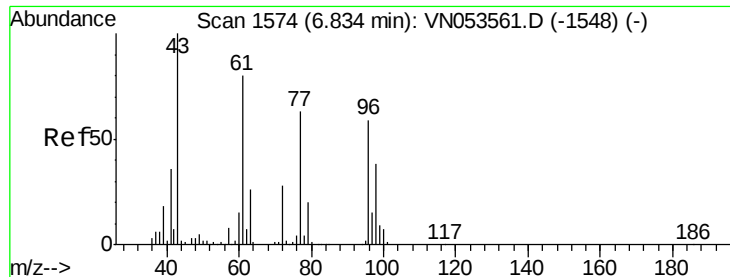
Tot Ion: 43 Resp: 1276028
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 18.440 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion: 63 Resp: 247330
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 4.0 2.1 6.5

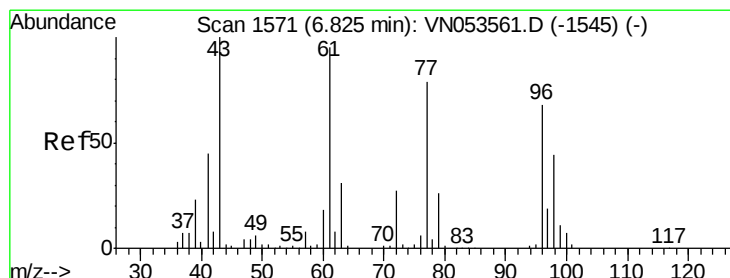
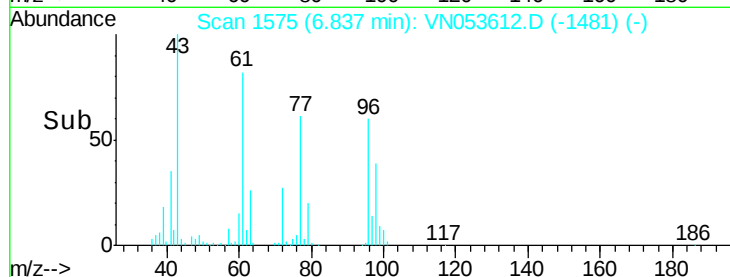
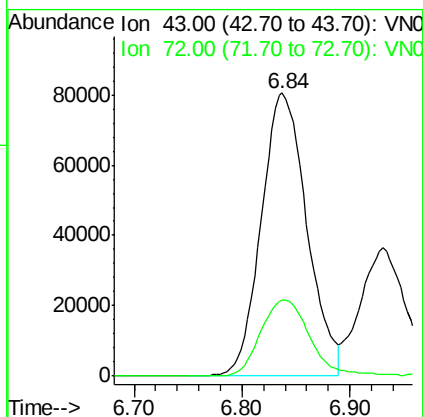
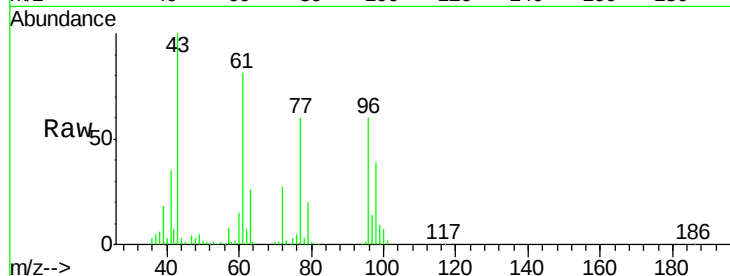




#25
2-Butanone
Concen: 87.507 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

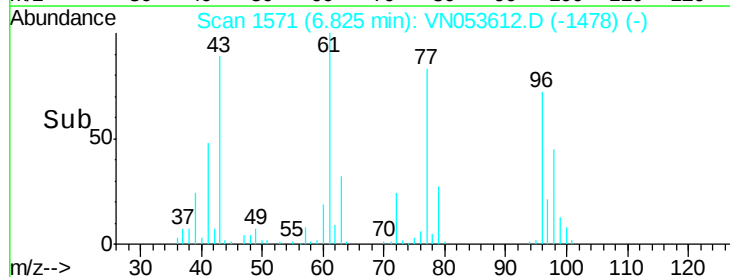
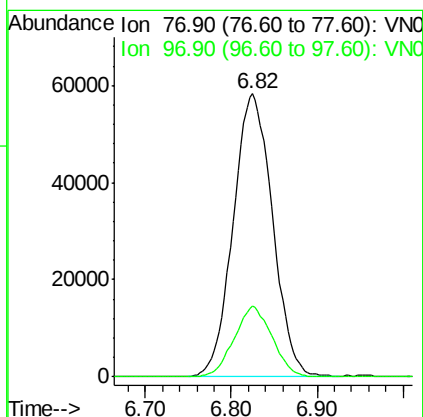
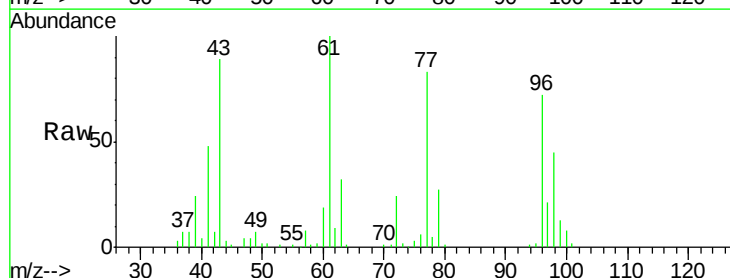
Instrument :
MSVOA_N
ClientSampled :
VN0205WBS01

Tot Ion: 43 Resp: 236385
Ion Ratio Lower Upper
43 100
72 26.9 22.0 33.0



#26
2,2-Dichloropropane
Concen: 18.139 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion: 77 Resp: 185723
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.6

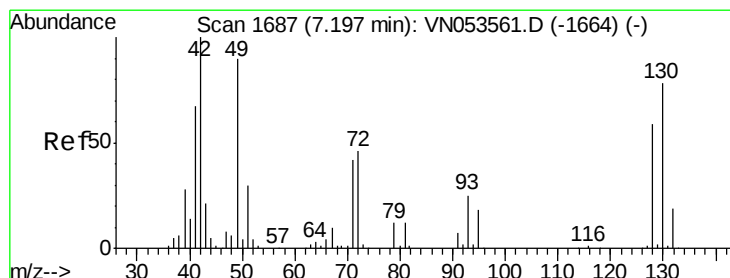
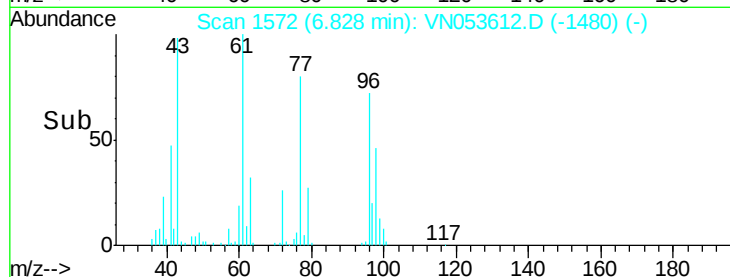
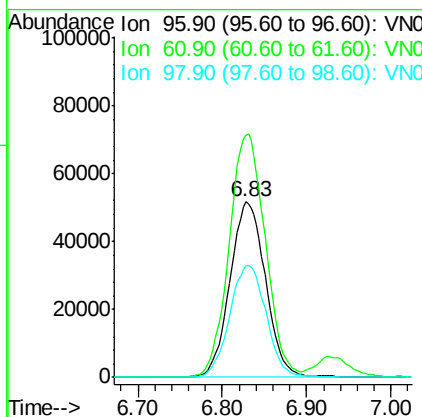
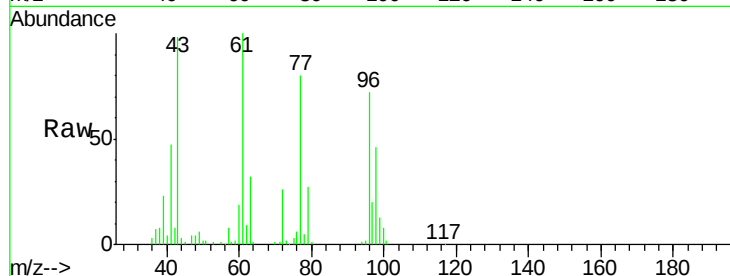




#27
 cis-1,2-Dichloroethene
 Concen: 18.568 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

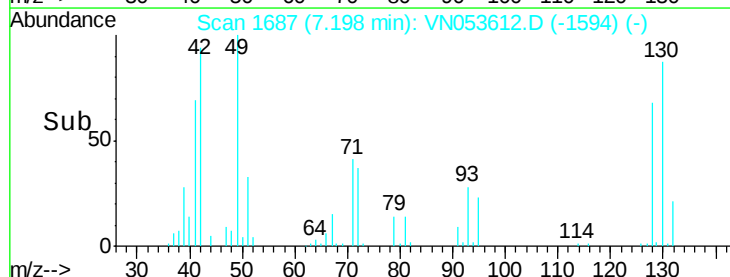
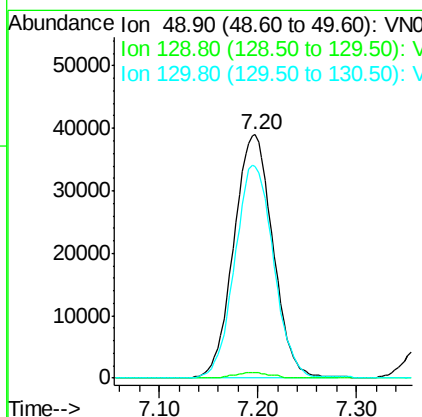
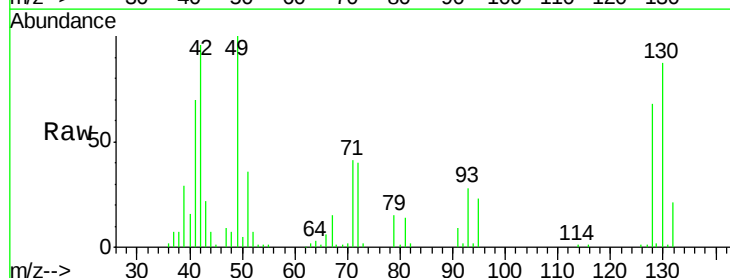
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

Tot Ion: 96 Resp: 151833
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 283.8
 98 65.5 0.0 129.2



#28
 Bromochloromethane
 Concen: 18.374 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion: 49 Resp: 106945
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 86.7 66.3 99.5

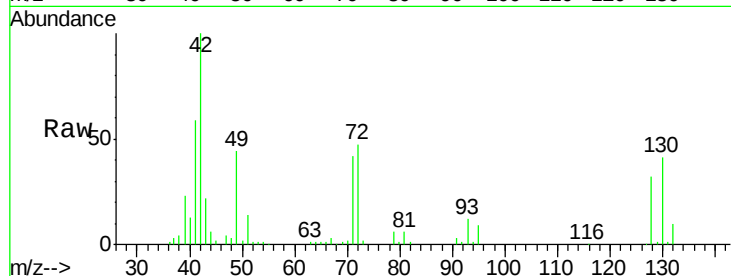




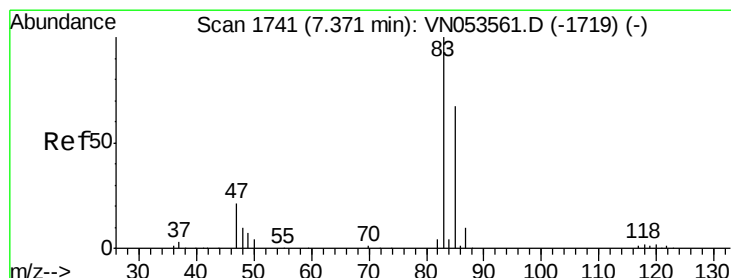
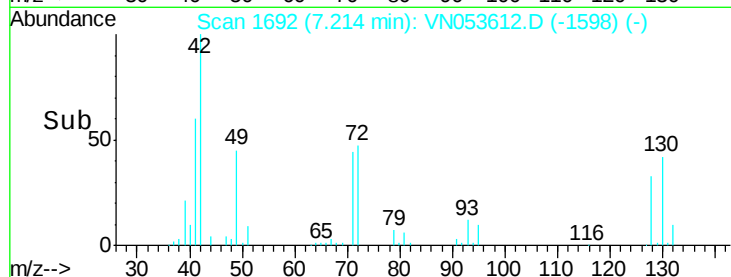
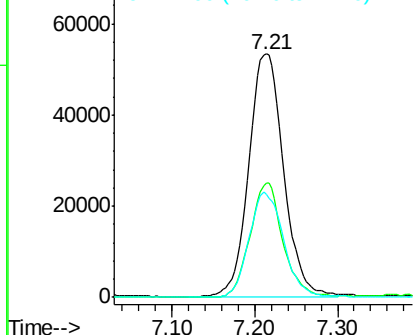
#29
Tetrahydrofuran
Concen: 90.477 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Instrument :
MSVOA_N
ClientSampled :
VN0205WBS01

Tot Ion: 42 Resp: 156942
Ion Ratio Lower Upper
42 100
72 44.3 35.2 52.8
71 42.7 33.0 49.4

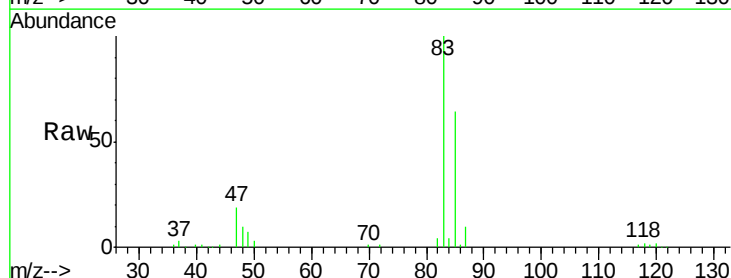


Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC

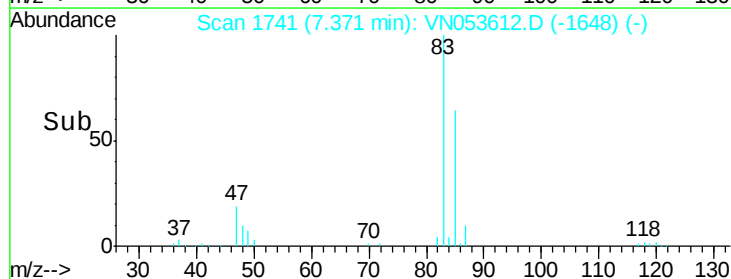
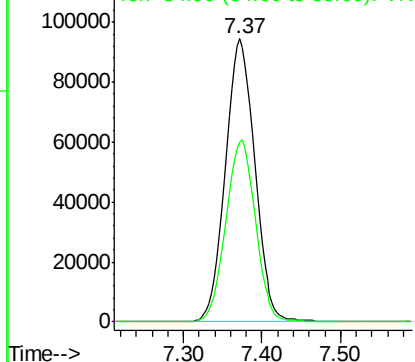


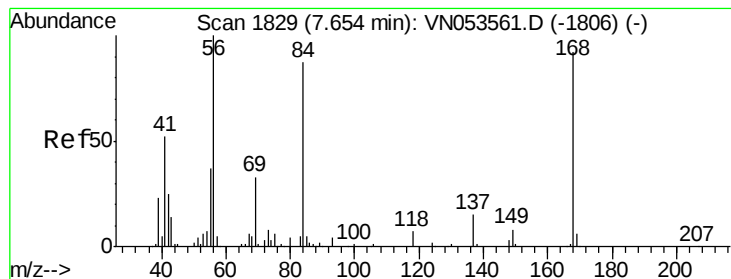
#30
Chloroform
Concen: 18.406 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion: 83 Resp: 244720
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.2



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





#31

Cyclohexane

Concen: 18.161 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

VN0205WBS01

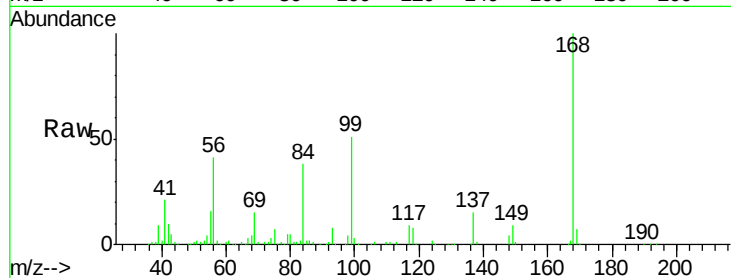
Tot Ion: 56 Resp: 228137

Ion Ratio Lower Upper

56 100

69 37.8 26.4 39.6

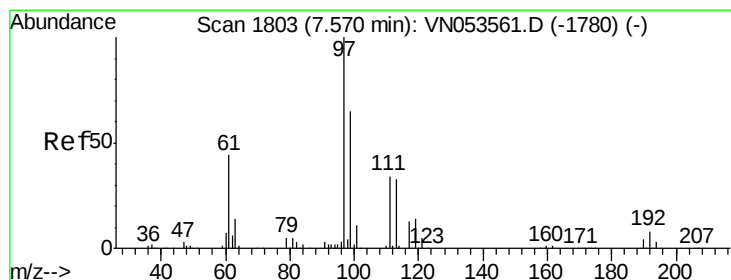
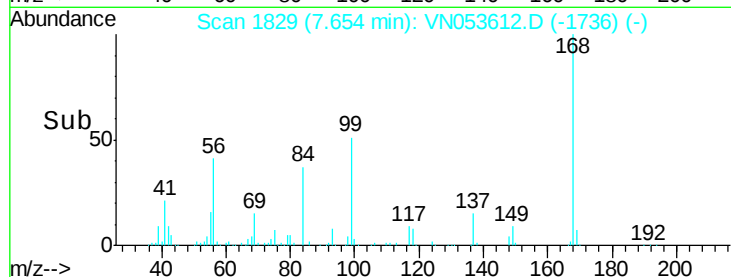
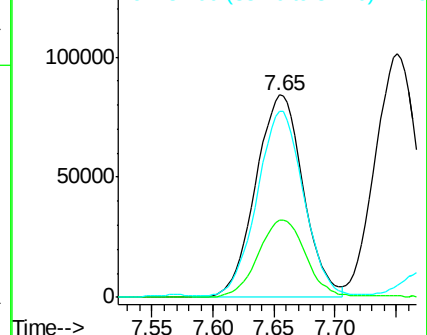
84 90.9 67.9 101.9



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: 18.287 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

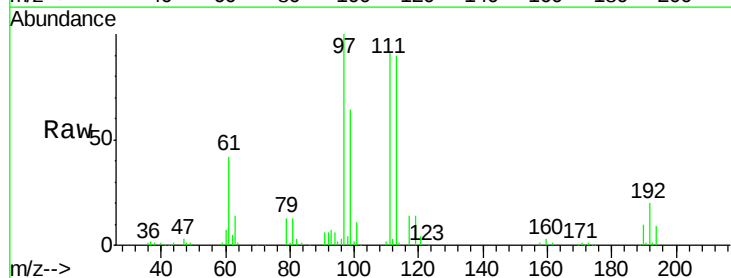
Tgt Ion: 97 Resp: 202346

Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

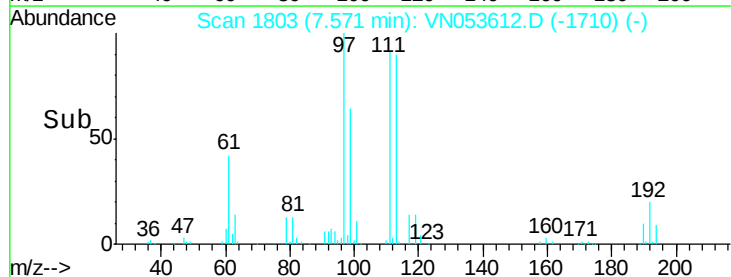
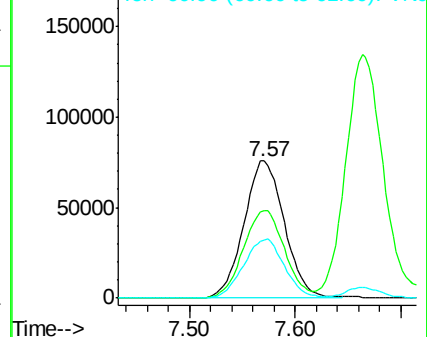
61 43.4 34.4 51.6

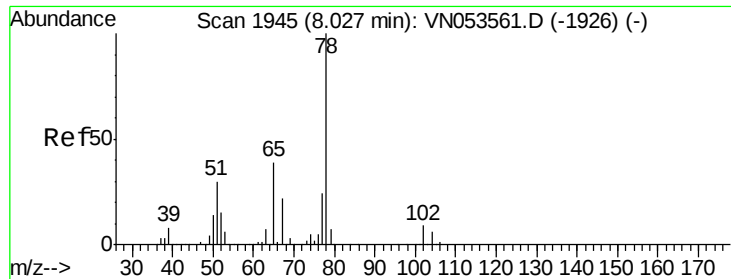


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

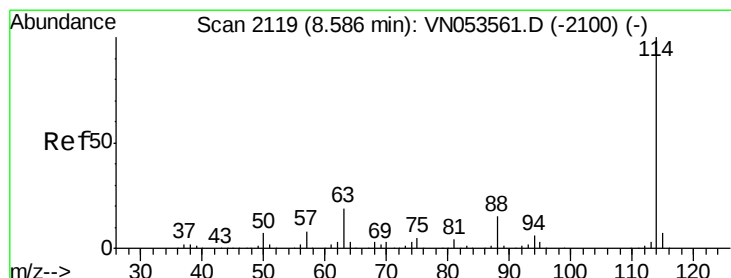
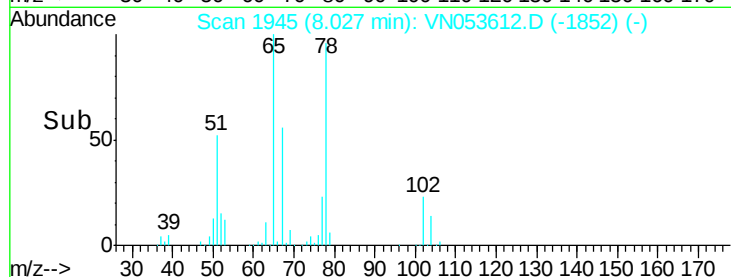
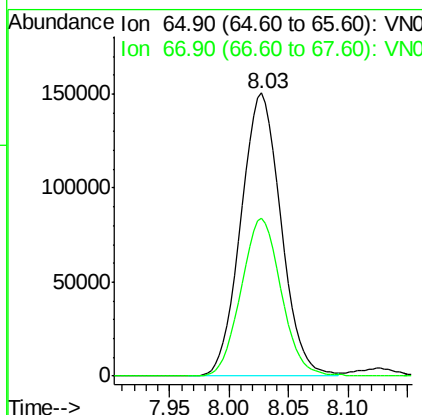
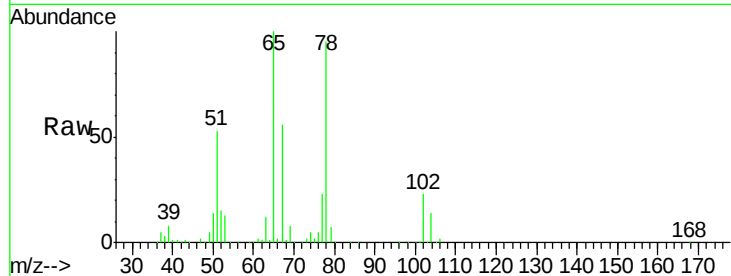




#33
 1,2-Dichloroethane-d4
 Concen: 18.287 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

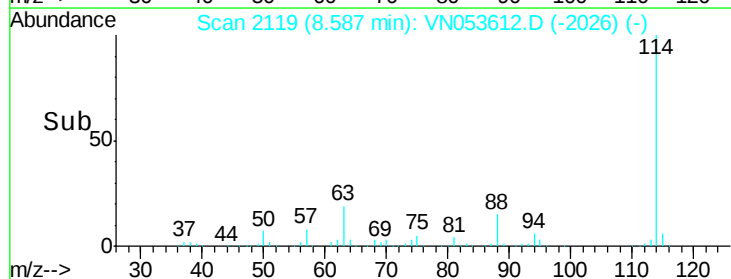
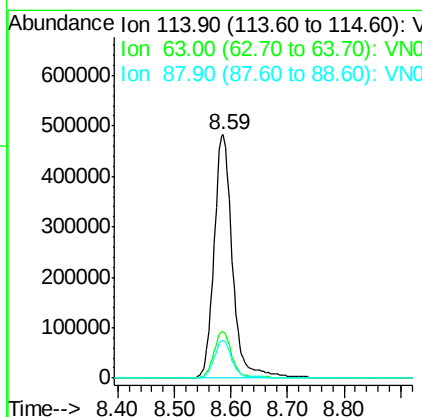
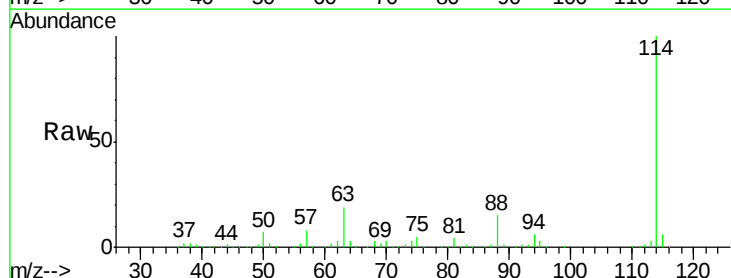
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

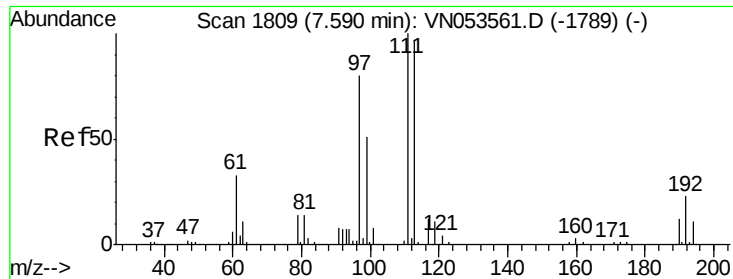
Tot Ion: 65 Resp: 352039
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion: 114 Resp: 1088664
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.4 0.0 30.4

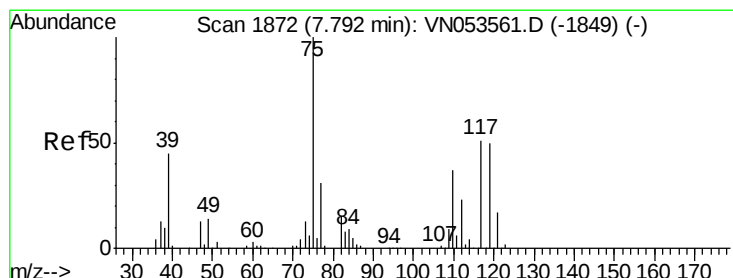
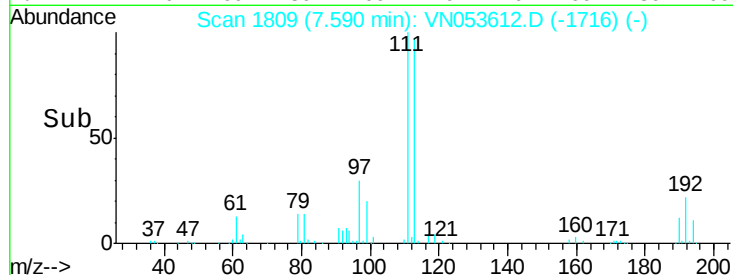
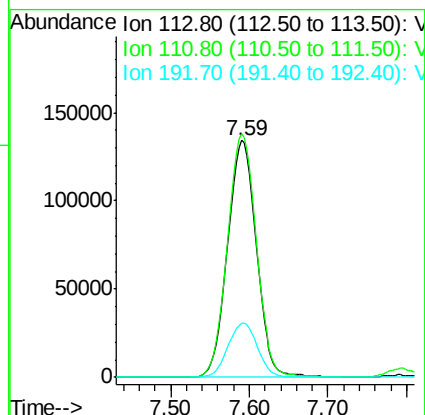
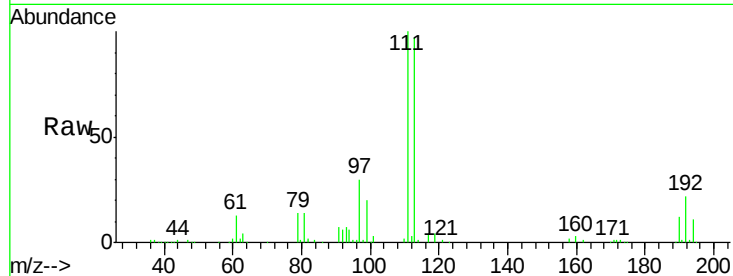




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

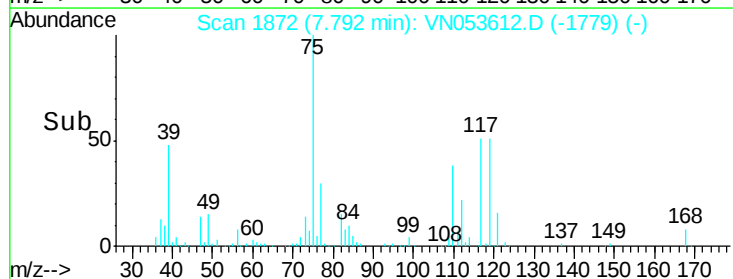
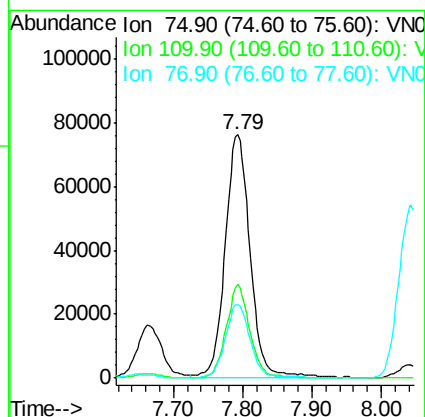
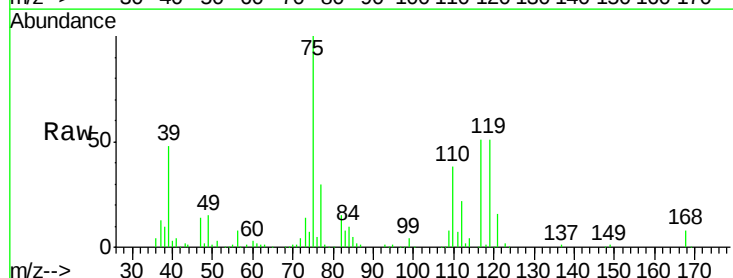
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

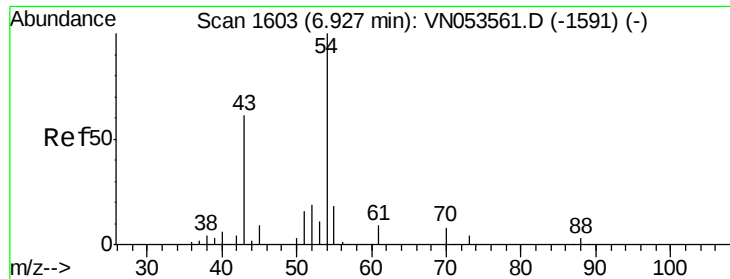
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.1	121.7
192	23.5	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 19.444 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.3
77	30.4	25.1	37.7

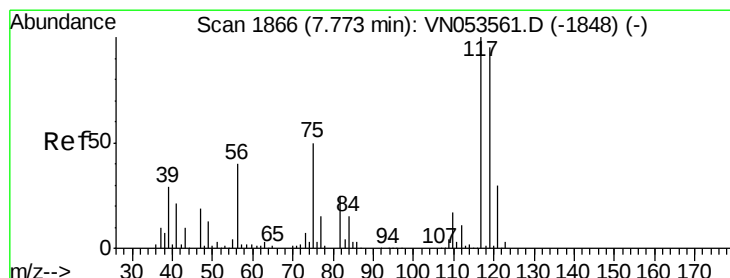
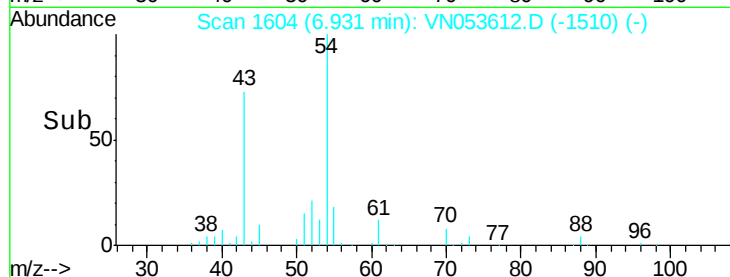
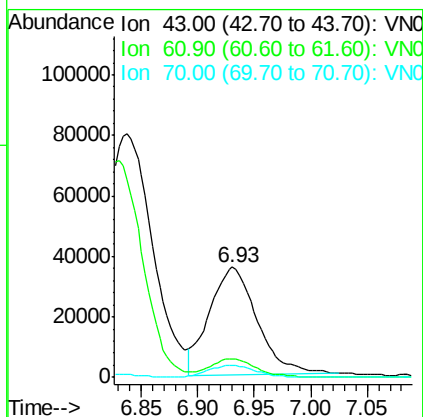
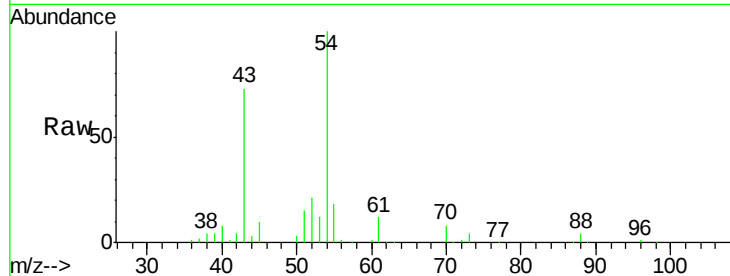




#37
Ethyl Acetate
Concen: 19.032 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

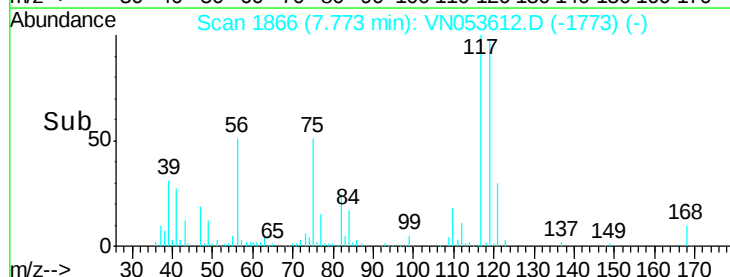
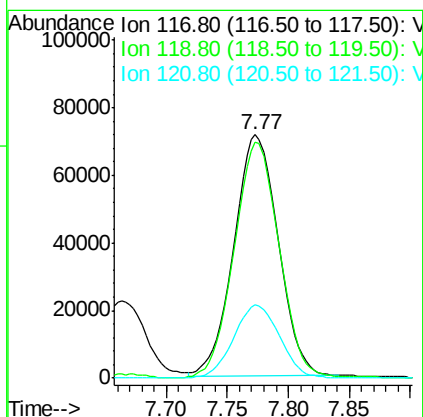
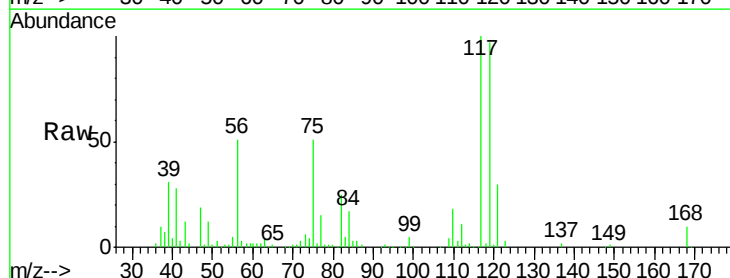
Instrument :
MSVOA_N
ClientSampled :
VN0205WBS01

Tot Ion: 43 Resp: 104311
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.234 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion: 117 Resp: 180267
Ion Ratio Lower Upper
117 100
119 97.7 77.2 115.8
121 30.5 24.6 37.0

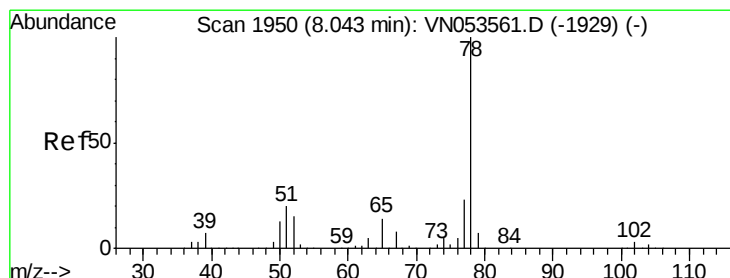
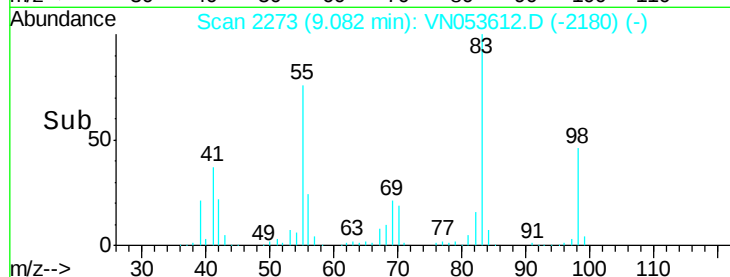
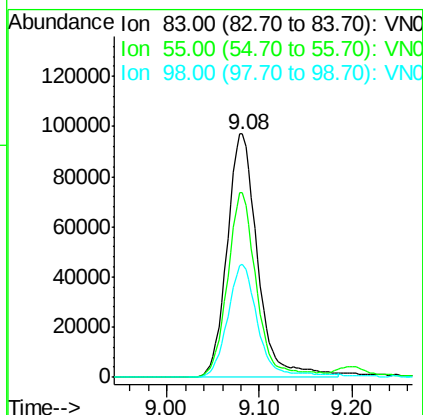
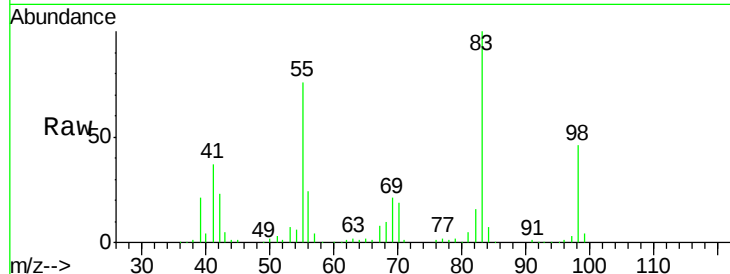




#39
Methvlcvclohexane
Concen: 19.117 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

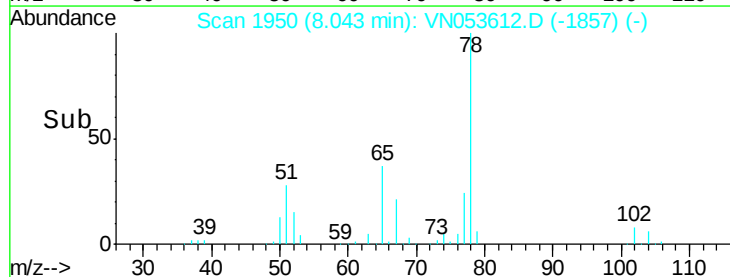
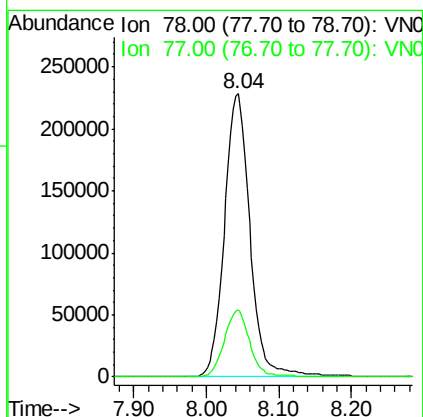
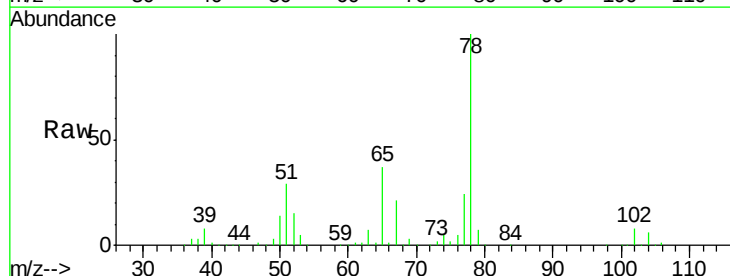
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

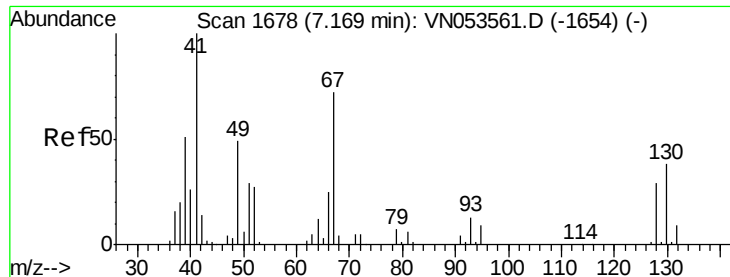
Tot Ion: 83 Resp: 222579
Ion Ratio Lower Upper
83 100
55 75.8 60.1 90.1
98 46.5 36.6 55.0



#40
Benzene
Concen: 18.532 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion: 78 Resp: 560817
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

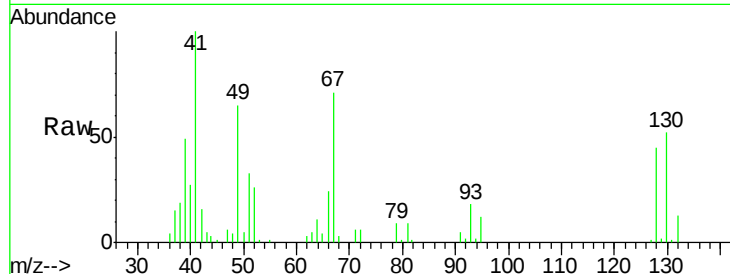




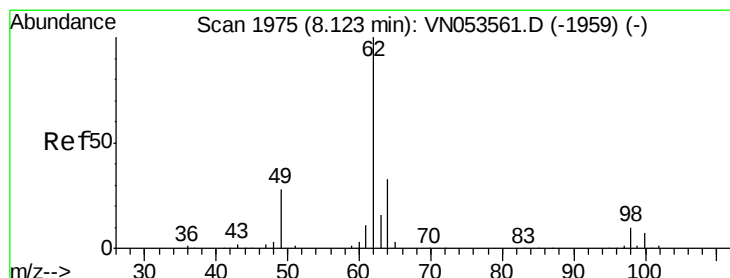
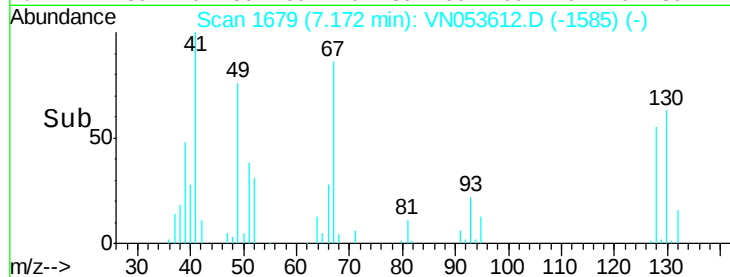
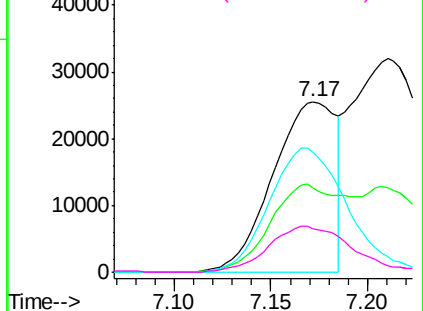
#41
Methacrylonitrile
Concen: 18.911 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tot Ion:	41	Resp:	57931
Ion	Ratio	Lower	Upper
41	100		
39	63.1	46.8	70.2
67	91.7	63.0	94.6
52	35.6	23.8	35.8

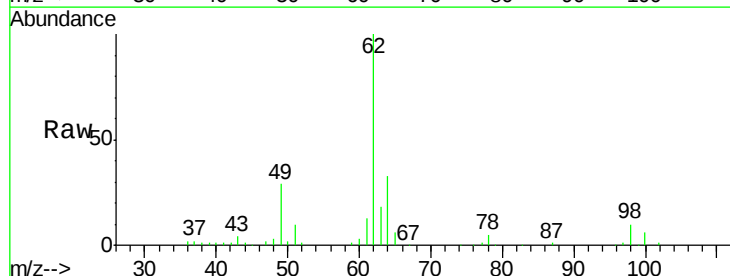


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

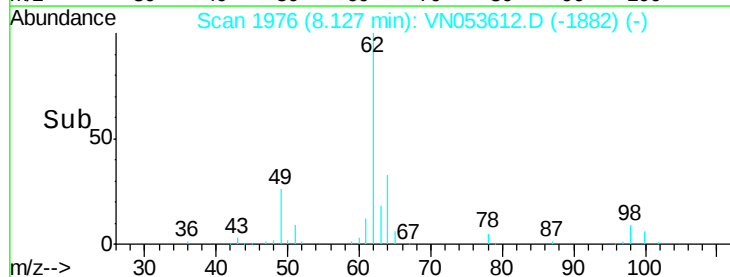
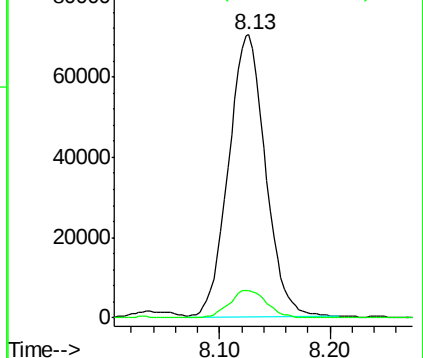


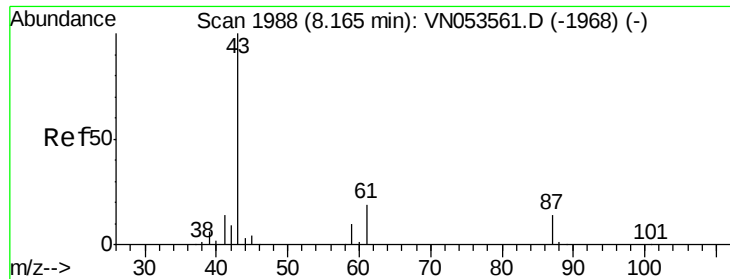
#42
1,2-Dichloroethane
Concen: 18.078 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion:	62	Resp:	162440
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 16.998 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

VN0205WBS01

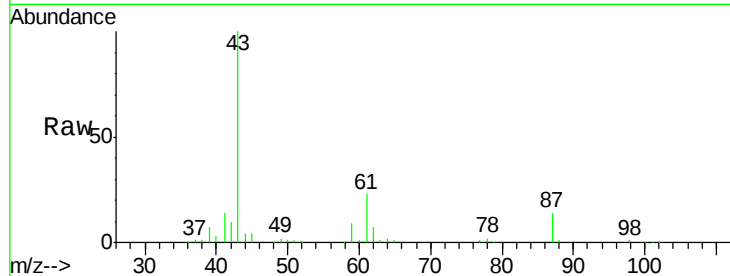
Tot Ion: 43 Resp: 179926

Ion Ratio Lower Upper

43 100

61 31.7 23.9 35.9

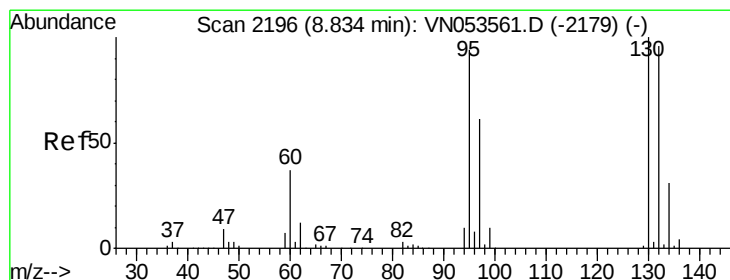
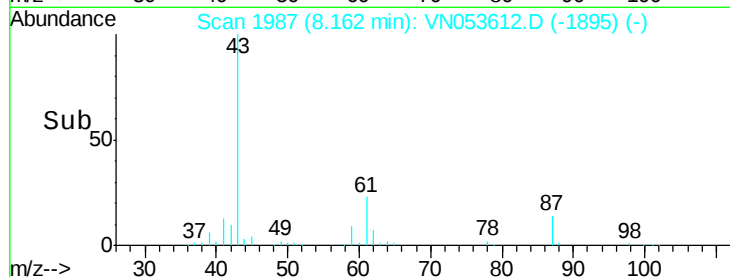
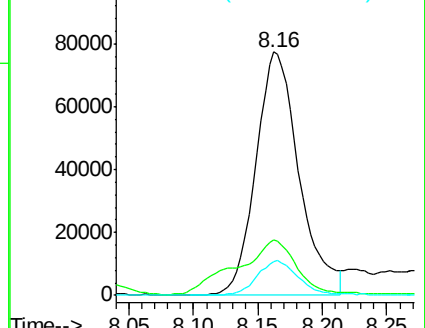
87 13.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053561.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053561.D (-1968) (-)



#44

Trichloroethene

Concen: 17.703 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053612.D

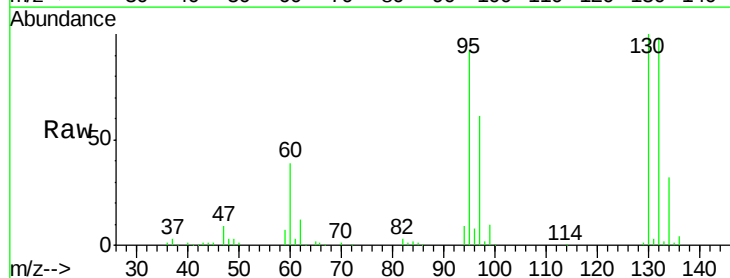
Acq: 5 Feb 2019 11:49

Tgt Ion:130 Resp: 152522

Ion Ratio Lower Upper

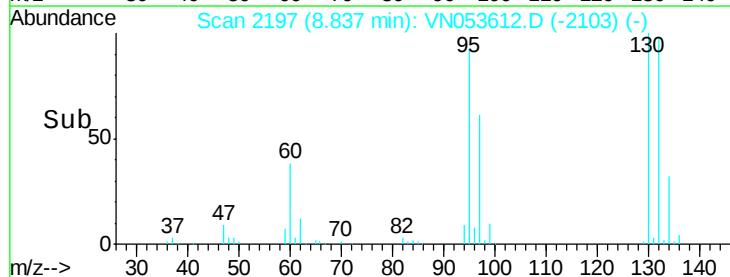
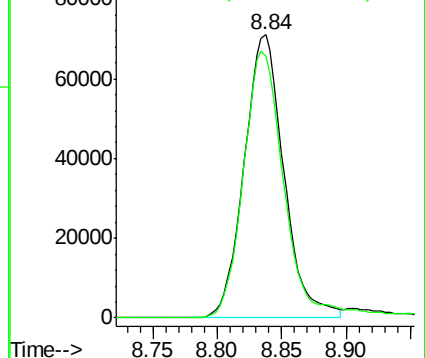
130 100

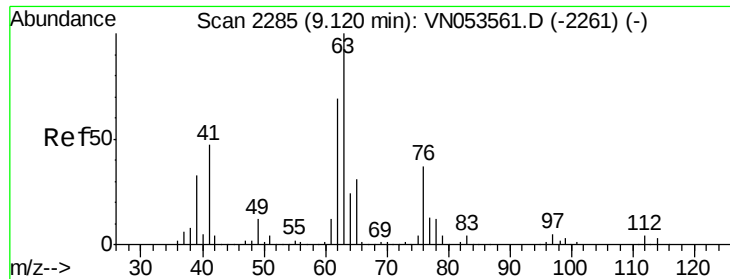
95 92.2 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053561.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053561.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.215 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

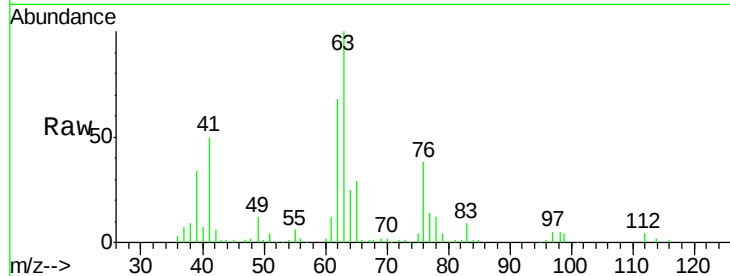
VN0205WBS01

Tot Ion: 63 Resp: 148729

Ion Ratio Lower Upper

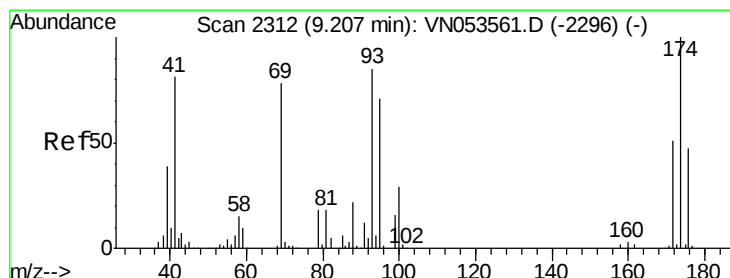
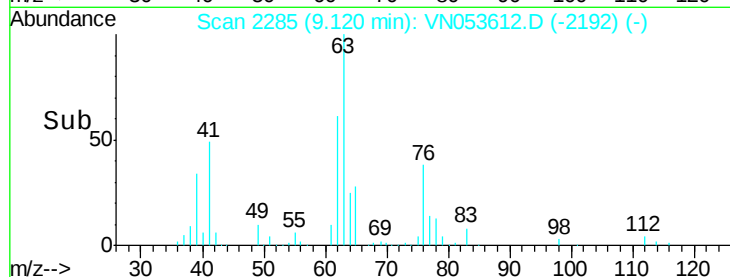
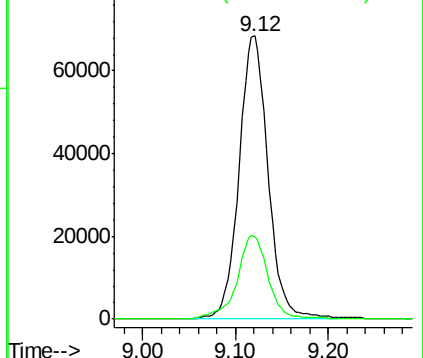
63 100

65 28.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.533 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

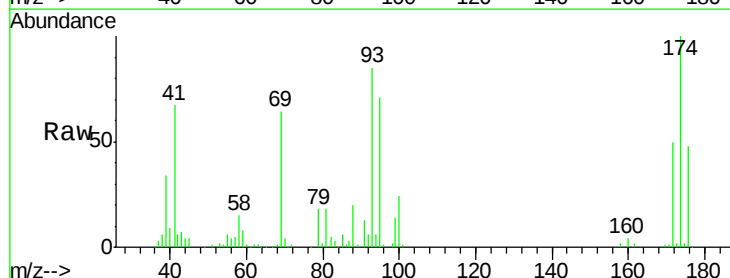
Tgt Ion: 93 Resp: 86476

Ion Ratio Lower Upper

93 100

95 84.2 67.3 100.9

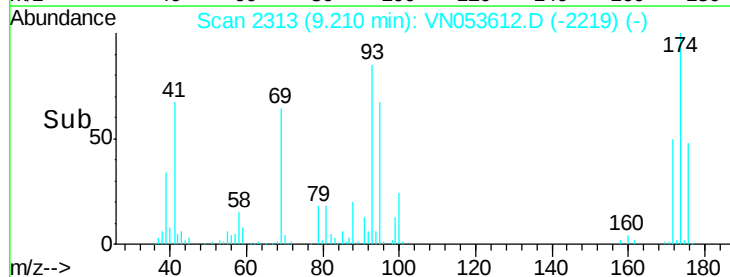
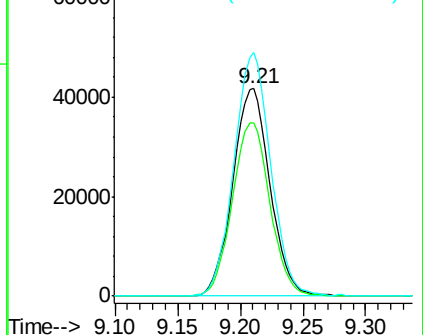
174 115.5 91.0 136.4

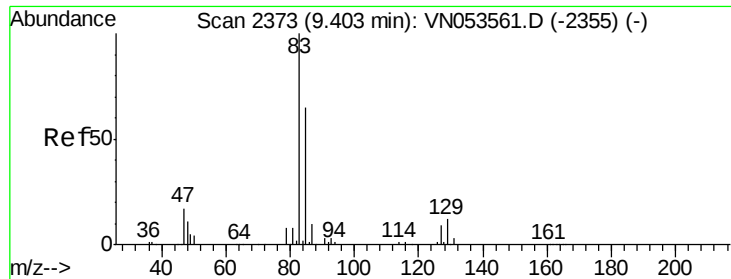


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.504 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

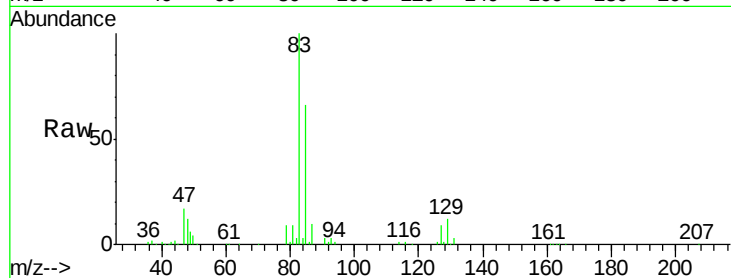
Tot Ion: 83 Resp: 179520

Ion Ratio Lower Upper

83 100

85 65.8 51.0 76.6

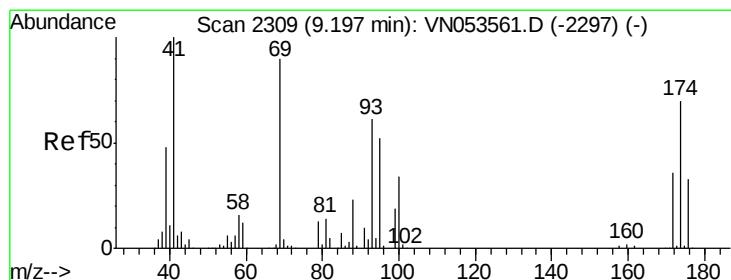
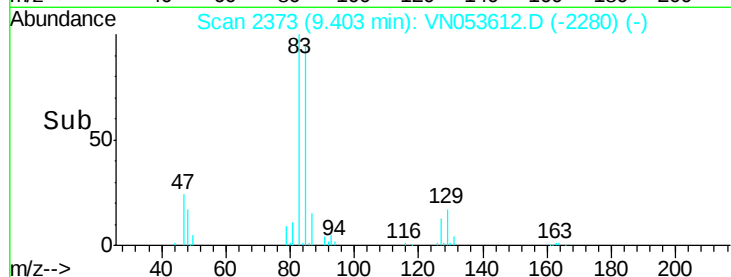
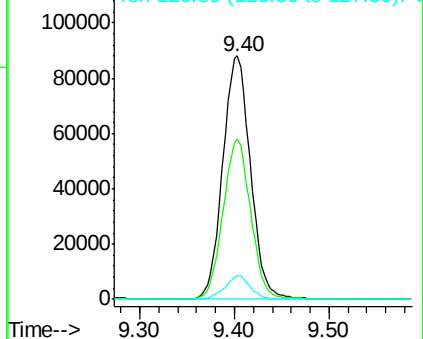
127 9.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.800 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

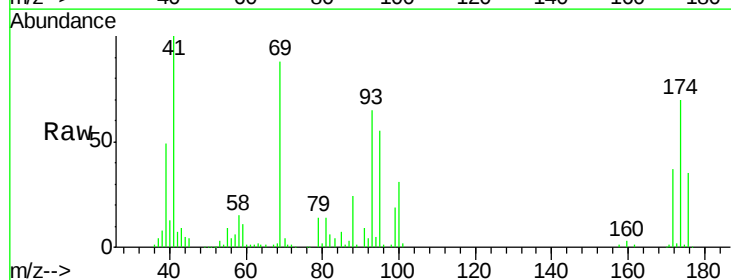
Tgt Ion: 41 Resp: 84883

Ion Ratio Lower Upper

41 100

69 103.7 73.8 110.6

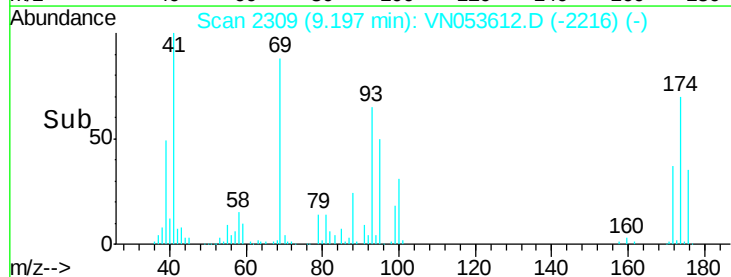
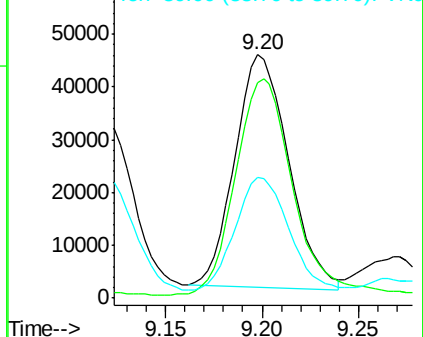
39 55.9 40.0 60.0

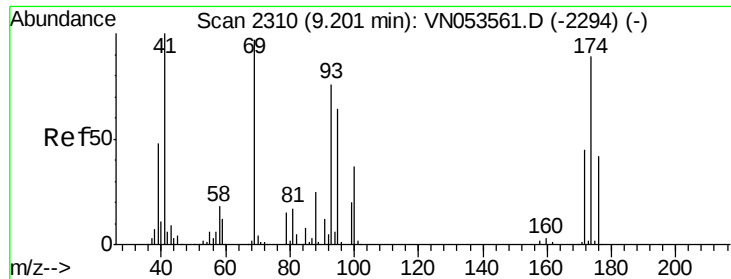


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

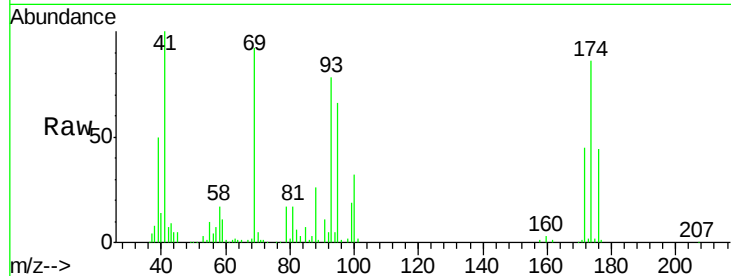




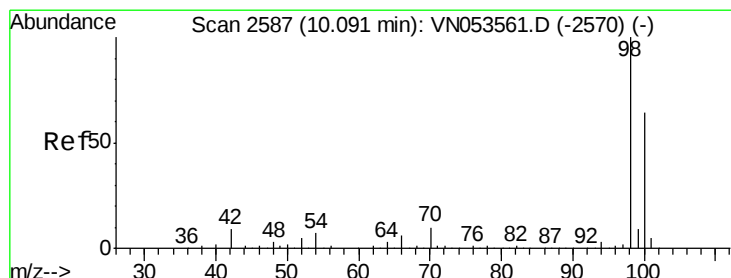
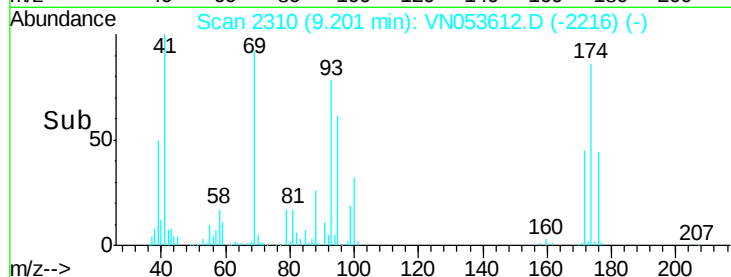
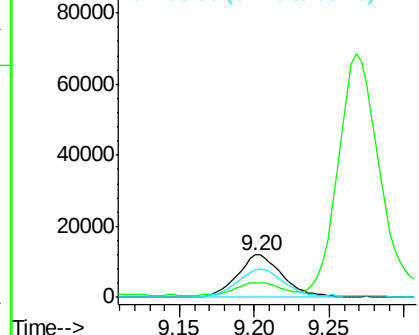
#49
1,4-Dioxane
Concen: 368.532 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tot Ion: 88 Resp: 25100
Ion Ratio Lower Upper
88 100
43 28.9 27.8 41.6
58 68.7 56.5 84.7

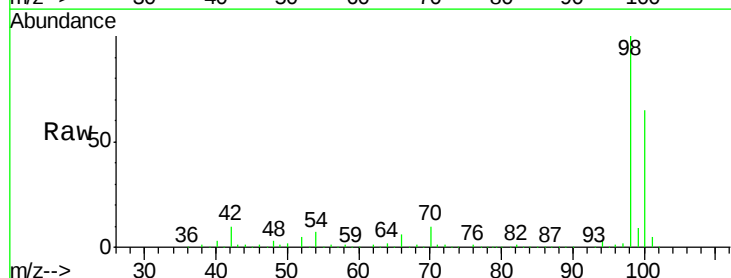


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

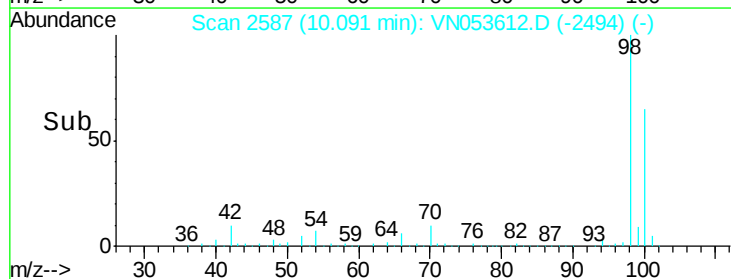
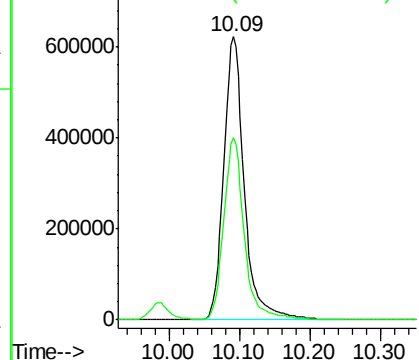


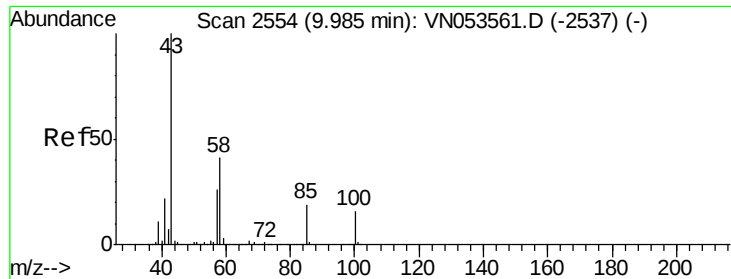
#50
Toluene-d8
Concen: 368.532 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion: 98 Resp: 1265157
Ion Ratio Lower Upper
98 100
100 64.5 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: 91.867 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

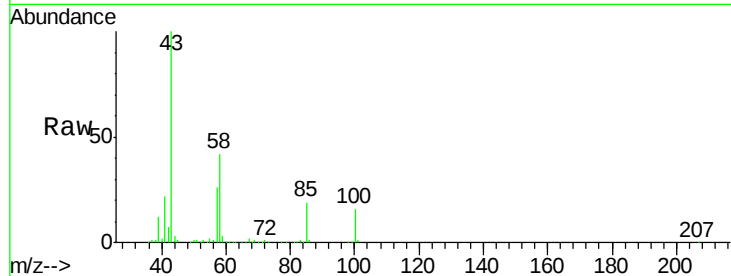
VN0205WBS01

Tot Ion: 43 Resp: 477839

Ion Ratio Lower Upper

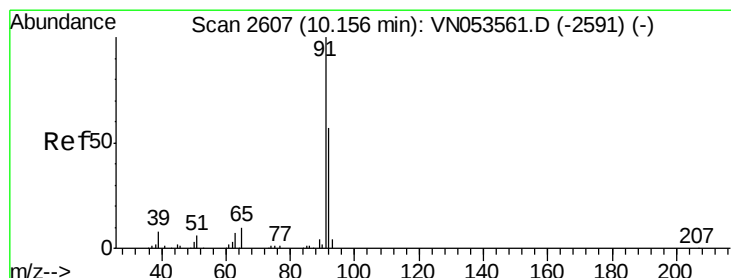
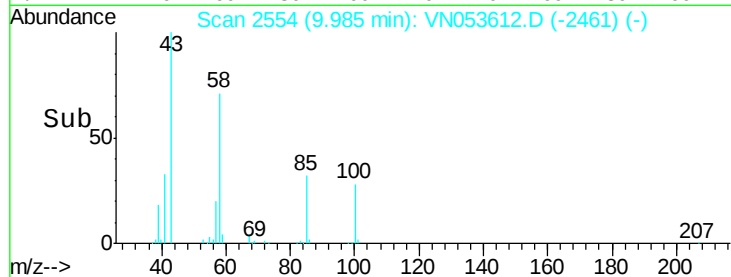
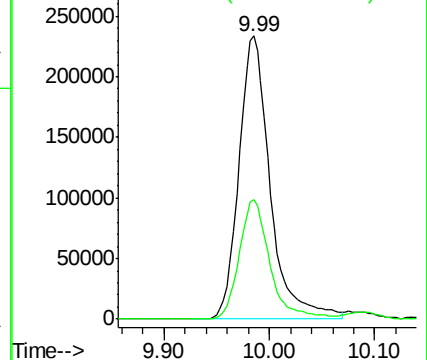
43 100

58 41.3 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.984 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053612.D

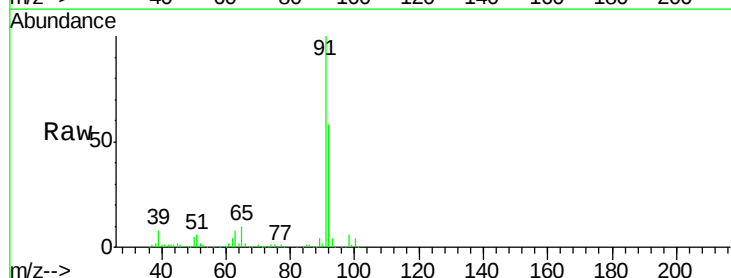
Acq: 5 Feb 2019 11:49

Tgt Ion: 92 Resp: 340964

Ion Ratio Lower Upper

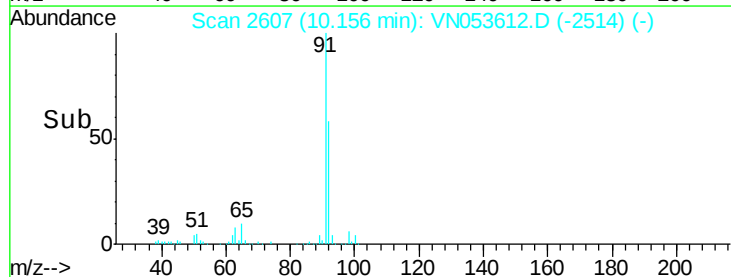
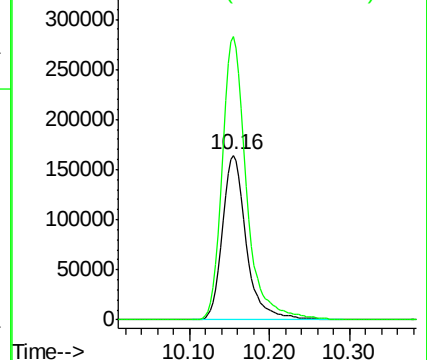
92 100

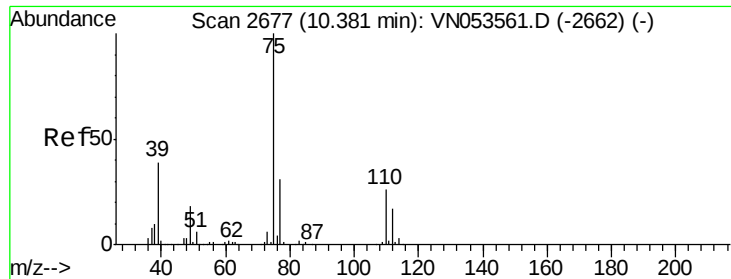
91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.248 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

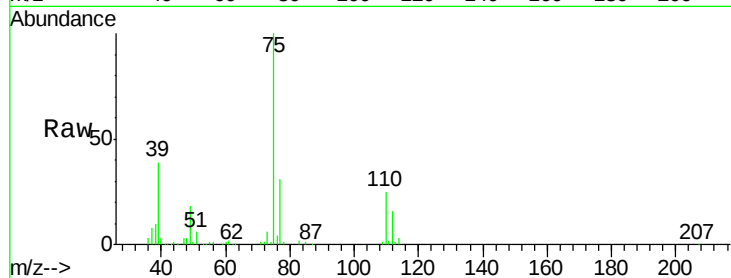
VN0205WBS01

Tot Ion: 75 Resp: 177269

Ion Ratio Lower Upper

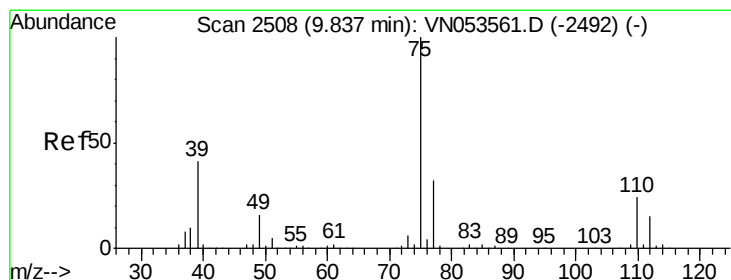
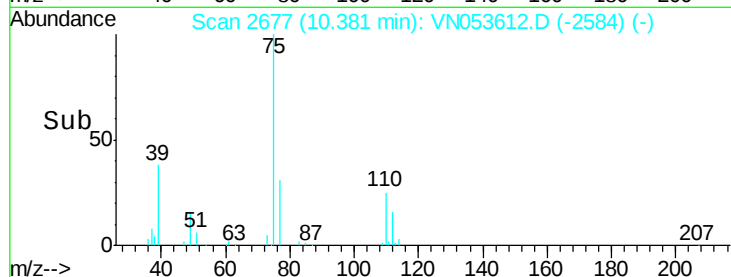
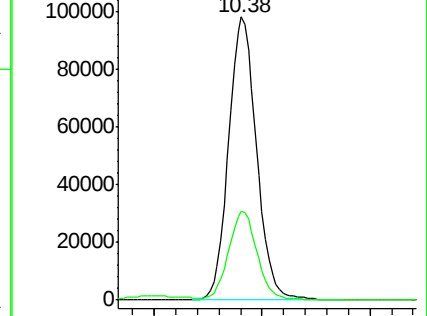
75 100

77 31.0 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.447 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

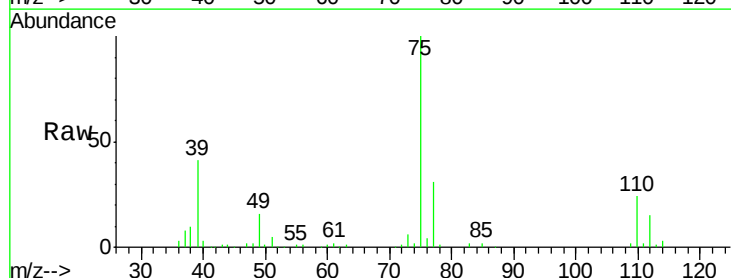
Tgt Ion: 75 Resp: 212356

Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.6

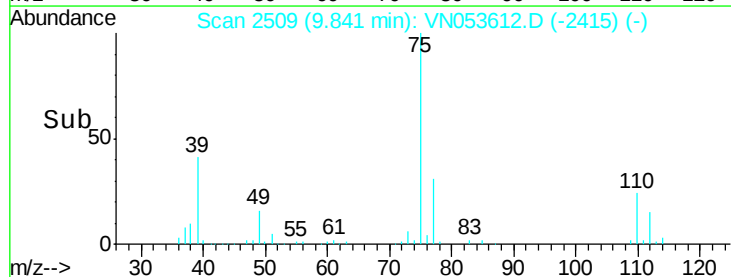
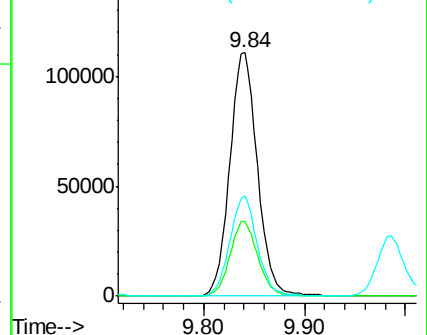
39 40.8 33.4 50.0

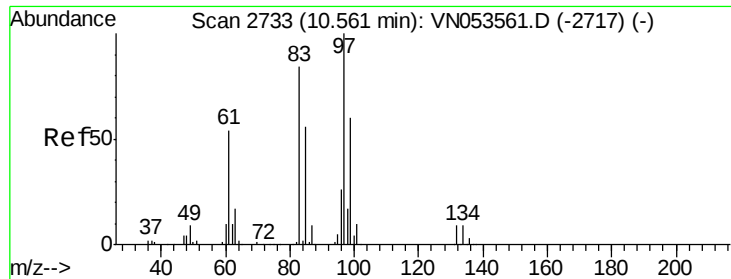


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 18.811 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

VN0205WBS01

Tot Ion: 97 Resp: 121744

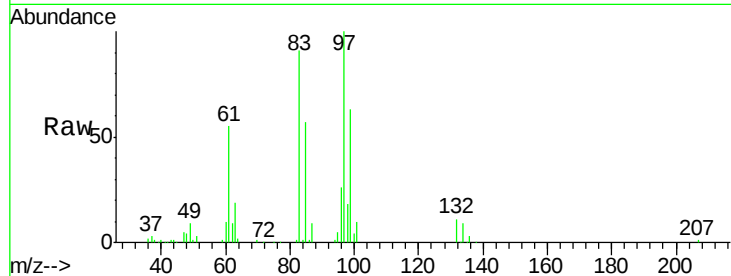
Ion Ratio Lower Upper

97 100

83 90.7 70.1 105.1

85 56.9 45.4 68.0

99 62.6 49.8 74.8

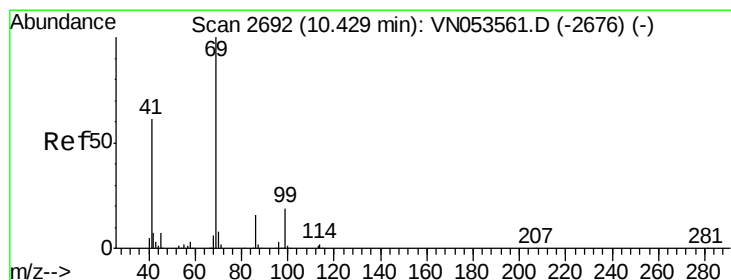
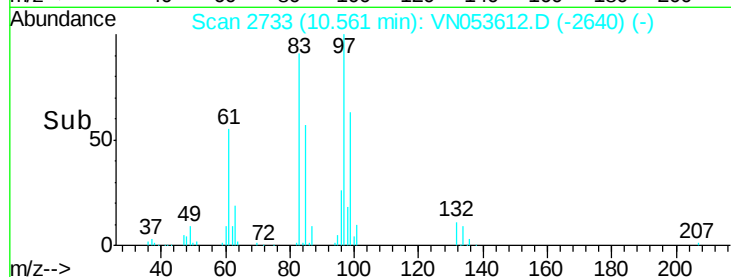
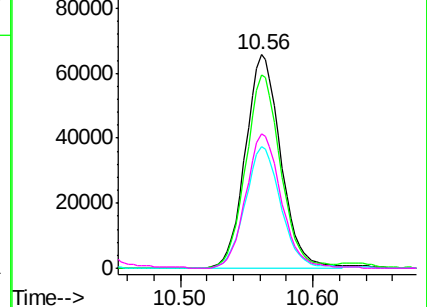


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.350 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

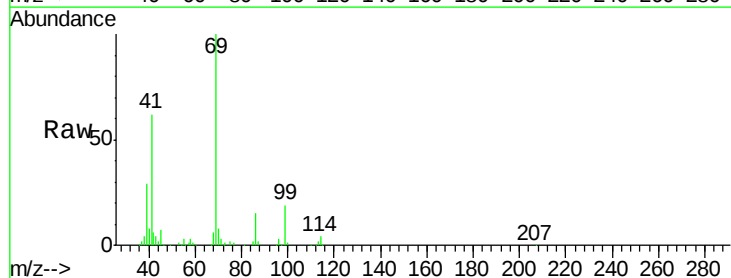
Tgt Ion: 69 Resp: 140494

Ion Ratio Lower Upper

69 100

41 60.3 49.4 74.0

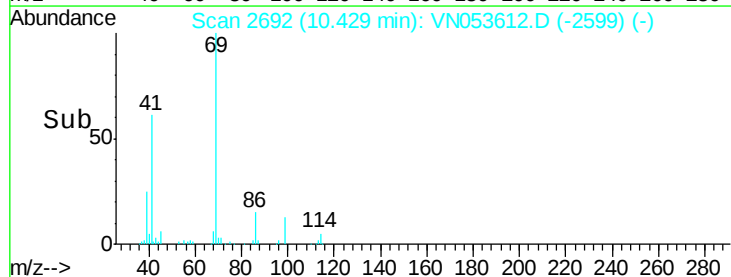
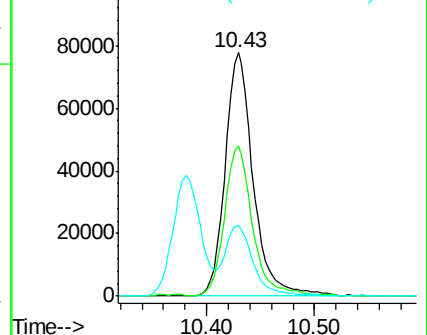
39 28.6 23.3 34.9

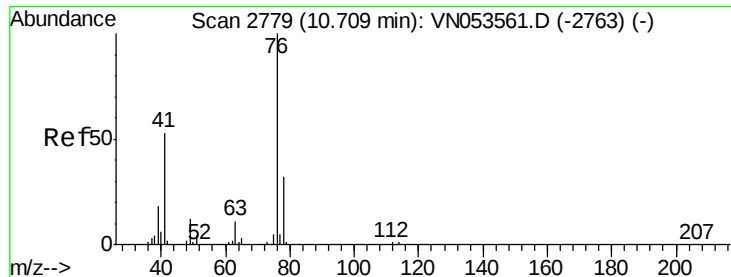


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.656 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

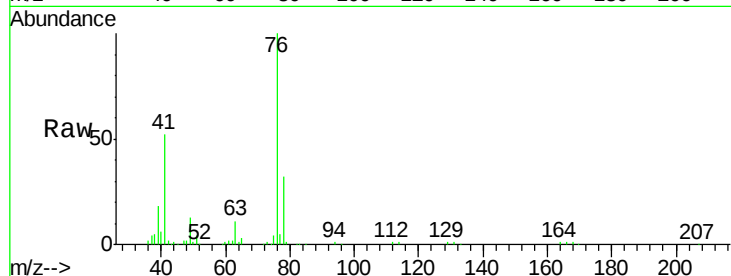
VN0205WBS01

Tot Ion: 76 Resp: 206358

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

120000

100000

80000

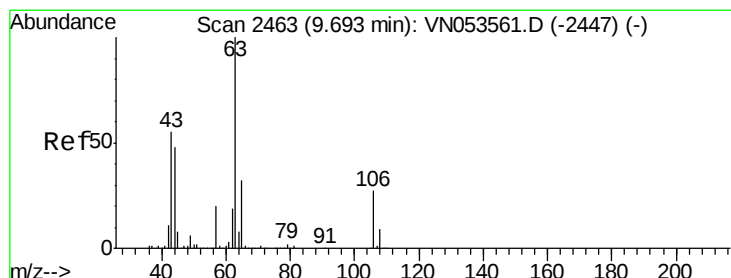
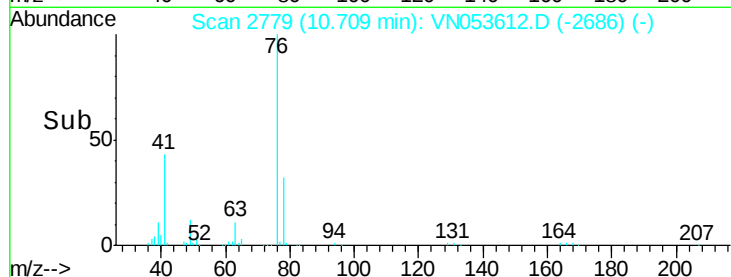
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 90.166 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053612.D

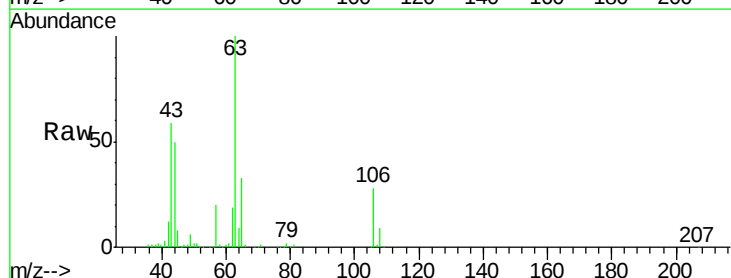
Acq: 5 Feb 2019 11:49

Tgt Ion: 63 Resp: 403016

Ion Ratio Lower Upper

63 100

106 27.2 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

250000

200000

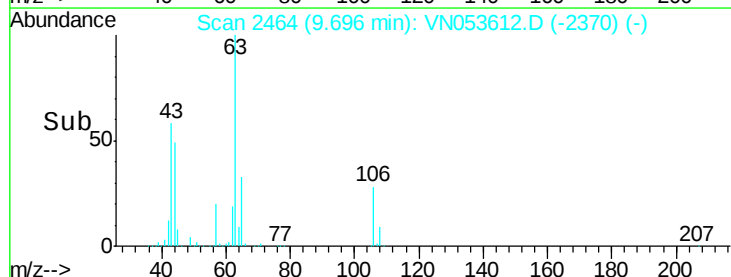
150000

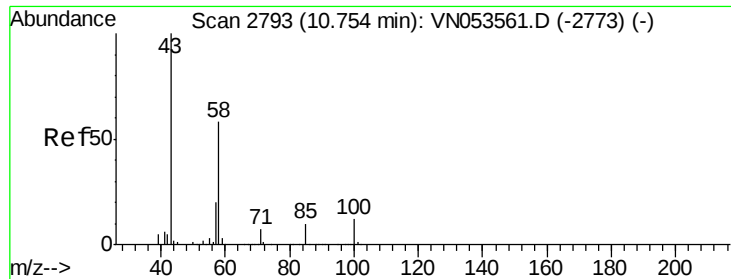
100000

50000

0

Time--> 9.60 9.70 9.80

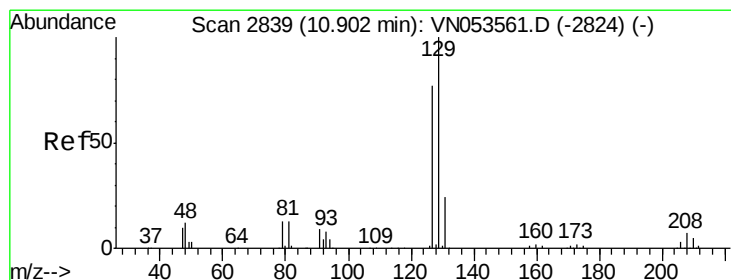
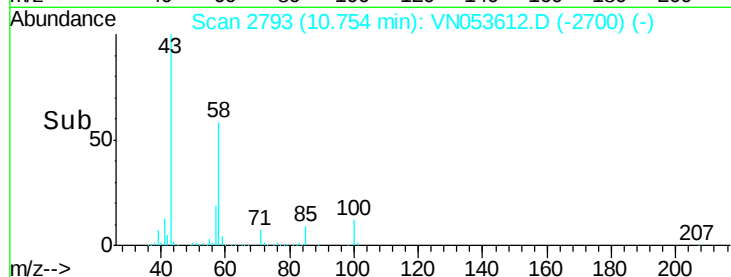
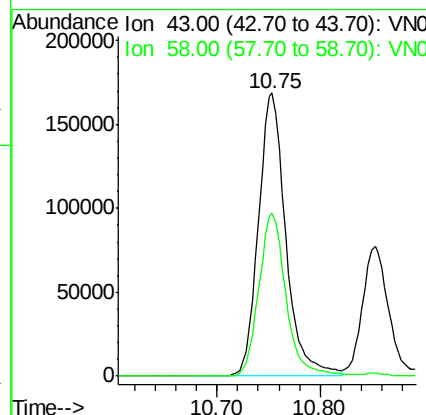
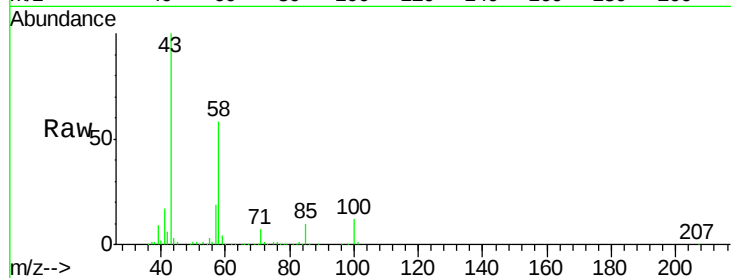




#59
2-Hexanone
Concen: 87.627 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

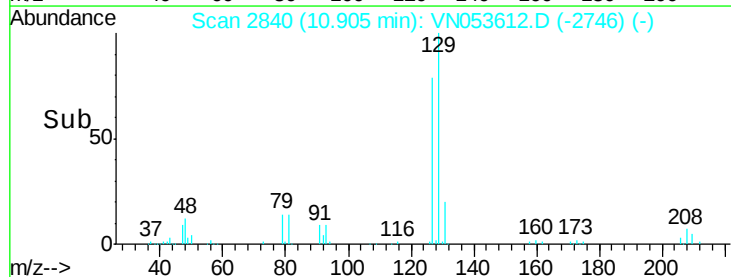
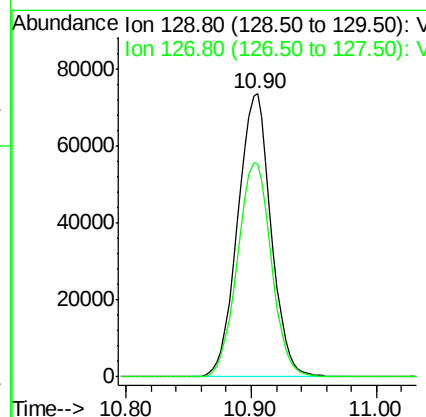
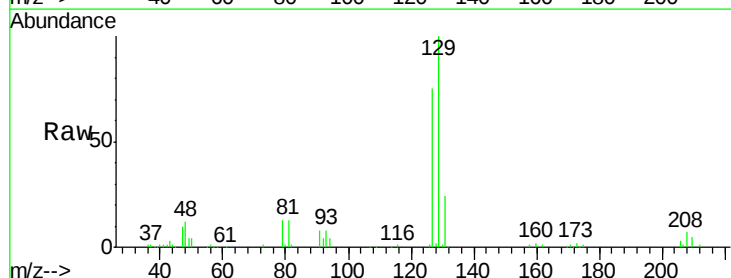
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

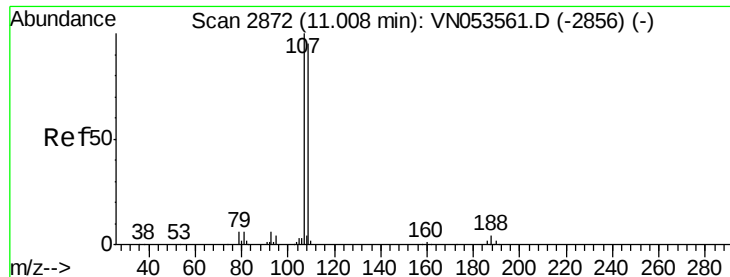
Tot Ion: 43 Resp: 309419
Ion Ratio Lower Upper
43 100
58 57.2 28.6 85.8



#60
Dibromochloromethane
Concen: 18.575 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion: 129 Resp: 135567
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

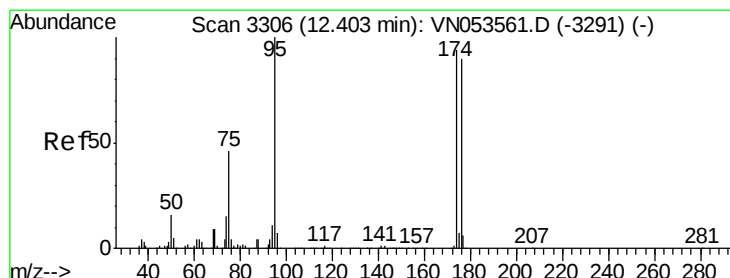
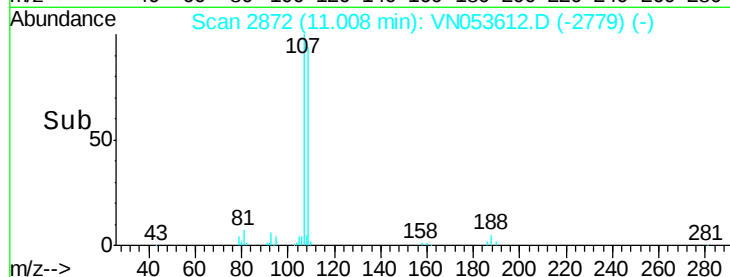
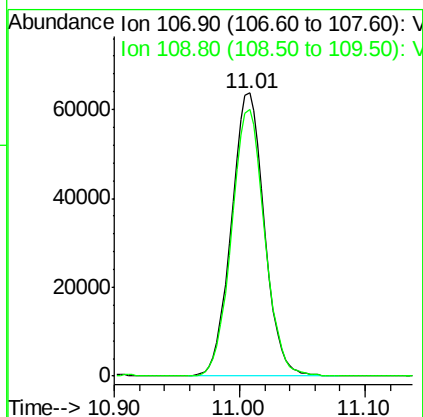
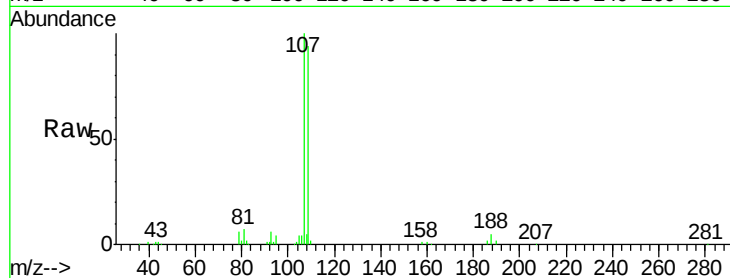




#61
 1,2-Dibromoethane
 Concen: 18.126 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

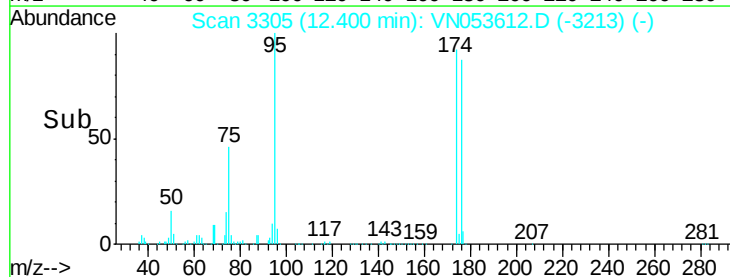
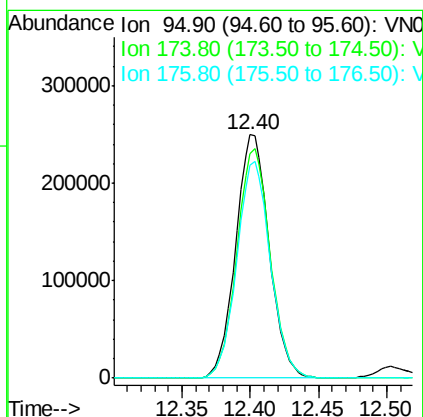
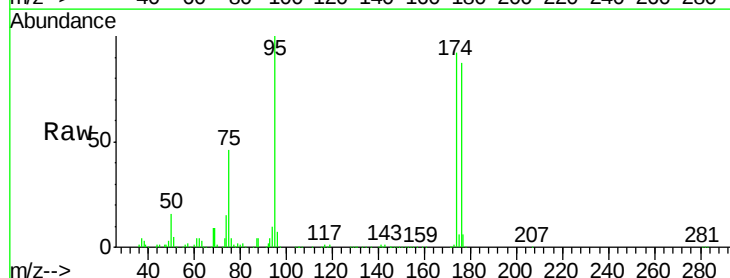
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

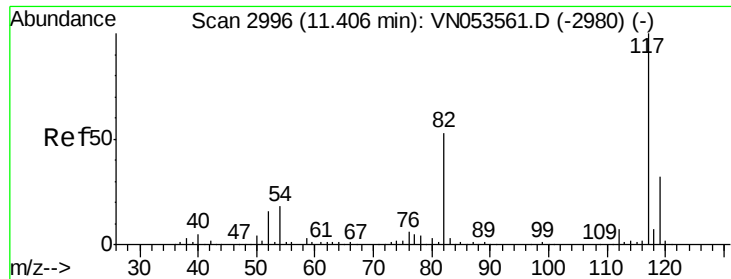
Tot Ion:107 Resp: 116110
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 18.126 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion: 95 Resp: 424754
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 183.2
 176 89.4 0.0 177.4

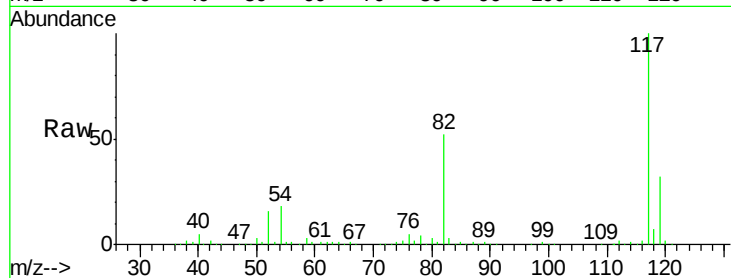




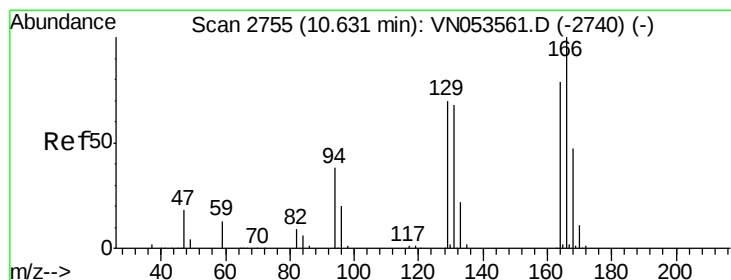
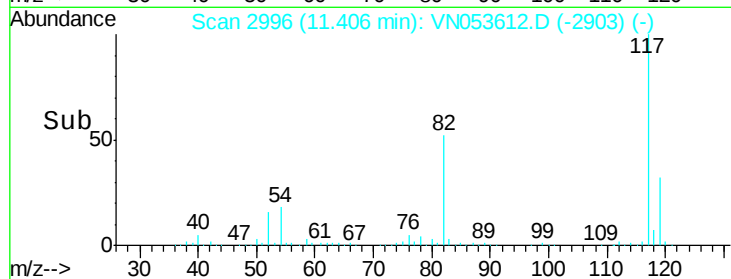
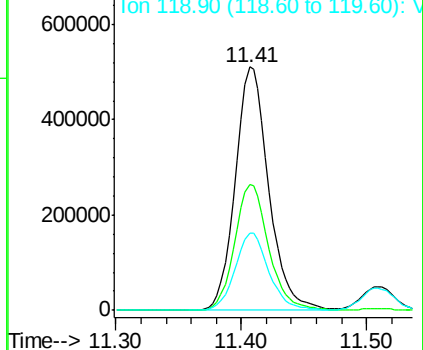
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tot Ion:117 Resp: 945814
Ion Ratio Lower Upper
117 100
82 51.7 42.9 64.3
119 31.7 26.0 39.0

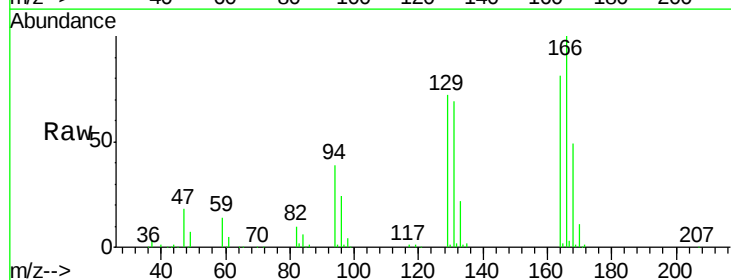


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

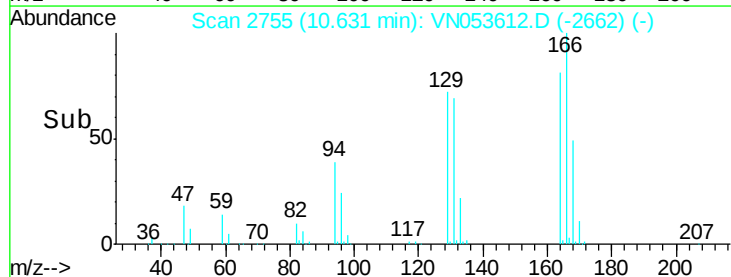
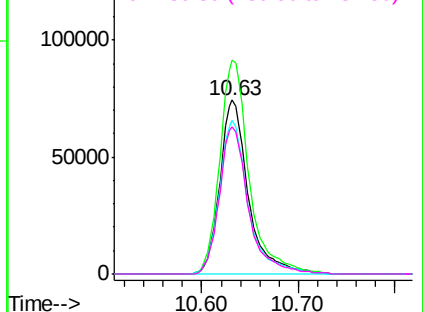


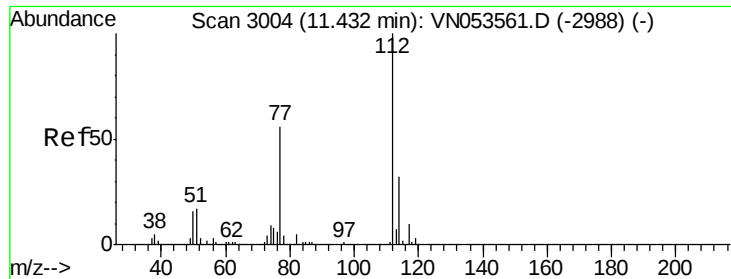
#64
Tetrachloroethene
Concen: 18.826 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion:164 Resp: 152635
Ion Ratio Lower Upper
164 100
166 122.9 102.2 153.4
129 88.2 72.6 109.0
131 84.9 69.5 104.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.685 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

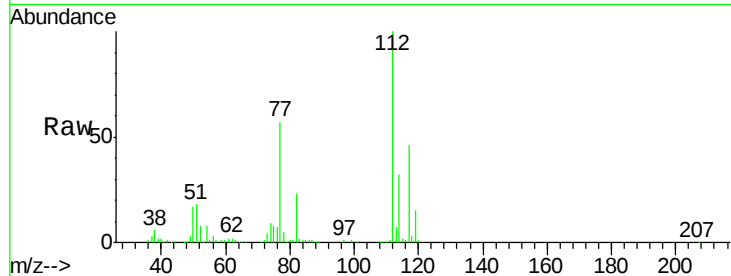
VN0205WBS01

Tot Ion:112 Resp: 375389

Ion Ratio Lower Upper

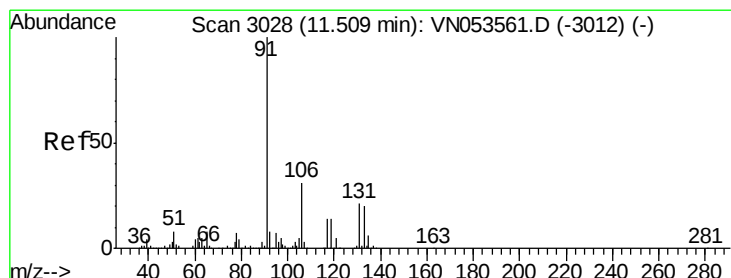
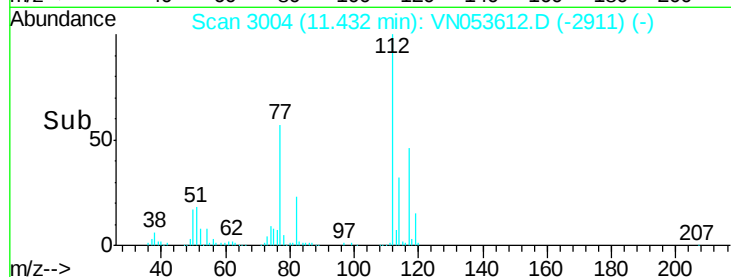
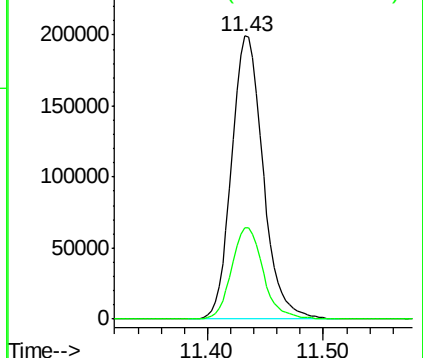
112 100

114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.021 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

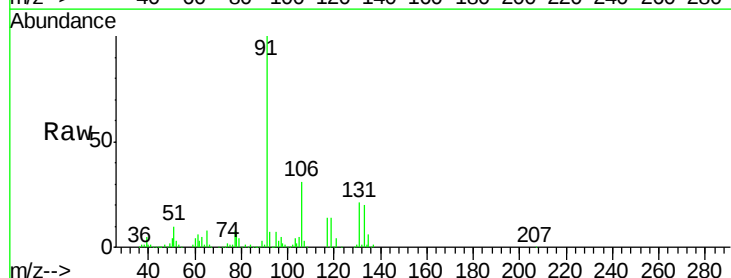
Tgt Ion:131 Resp: 133454

Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.0

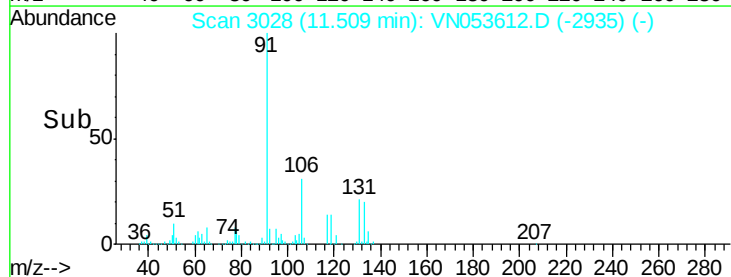
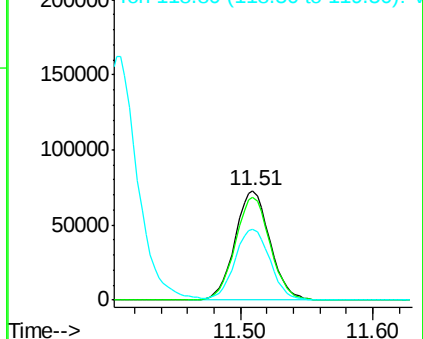
119 65.4 33.5 100.5

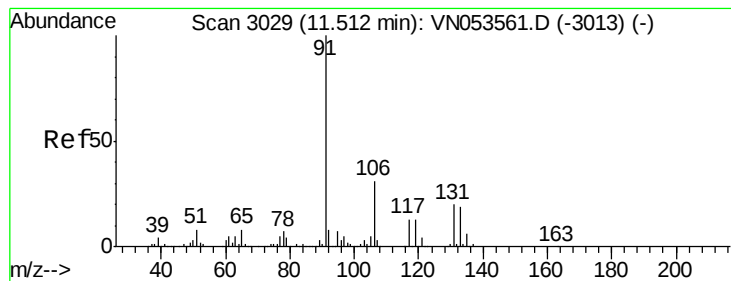


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.059 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

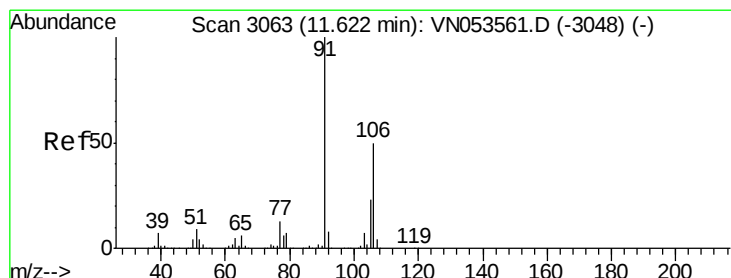
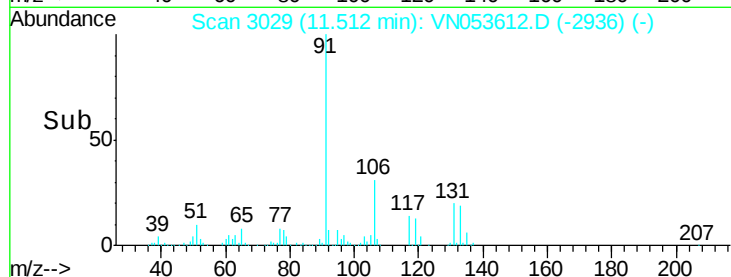
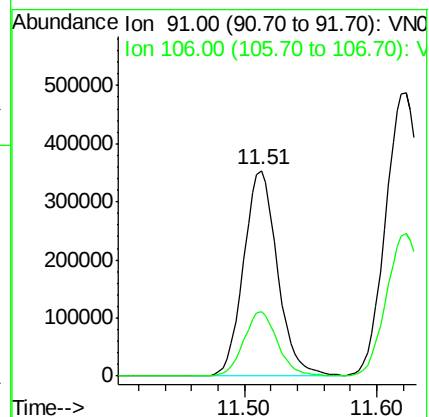
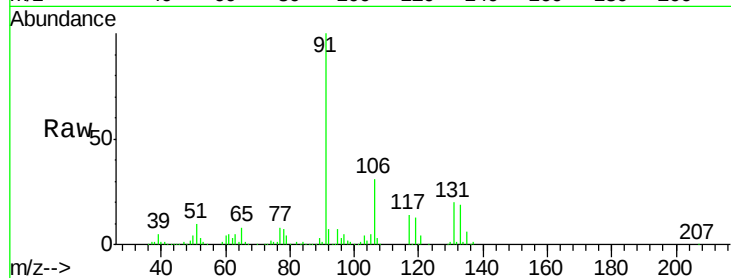
VN0205WBS01

Tot Ion: 91 Resp: 628990

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



#68

m/p-Xylenes

Concen: 39.230 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053612.D

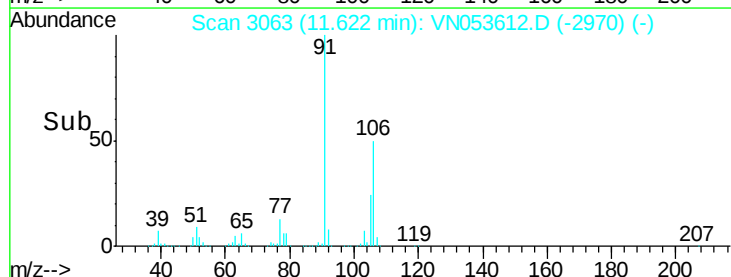
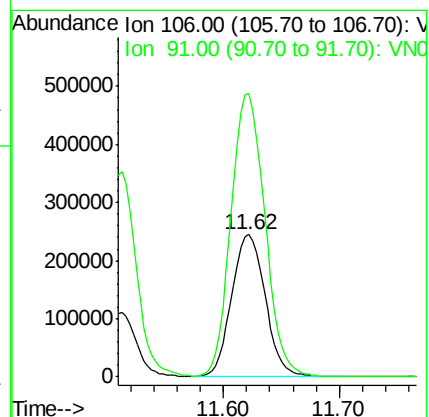
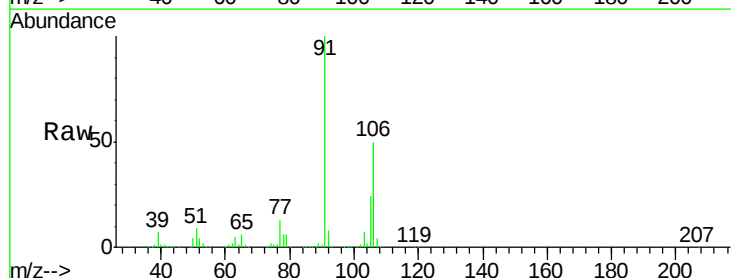
Acq: 5 Feb 2019 11:49

Tgt Ion: 106 Resp: 494124

Ion Ratio Lower Upper

106 100

91 200.2 161.4 242.2

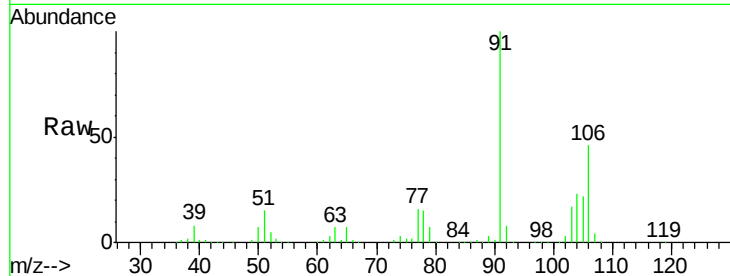




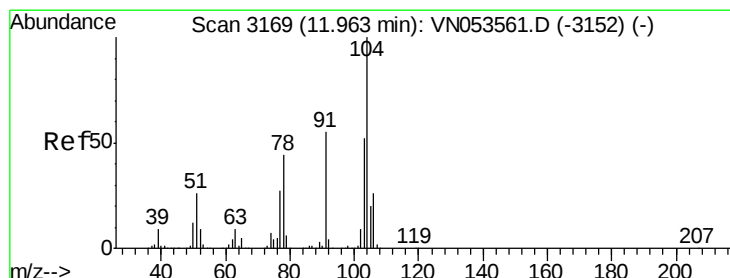
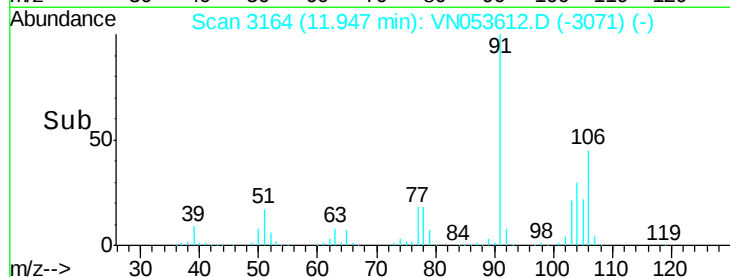
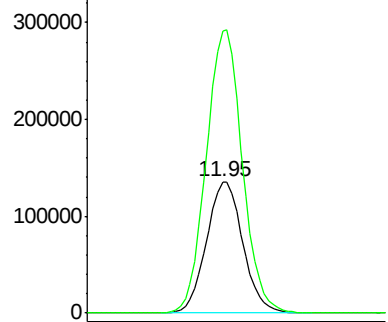
#69
o-Xylene
Concen: 19.367 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tot Ion:106 Resp: 235662
Ion Ratio Lower Upper
106 100
91 214.2 106.9 320.8

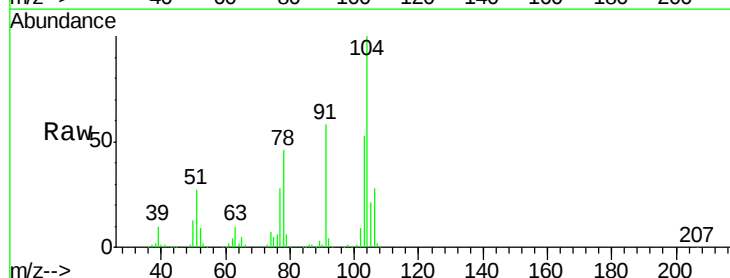


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

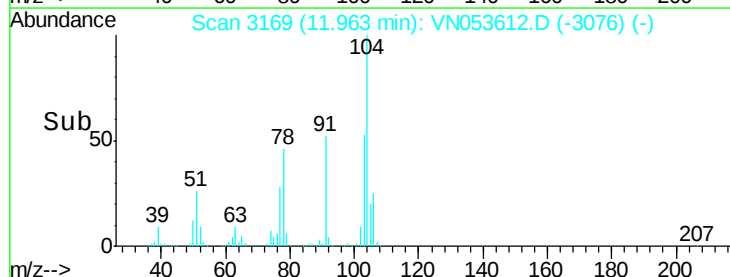
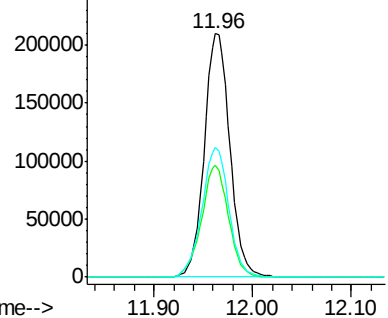


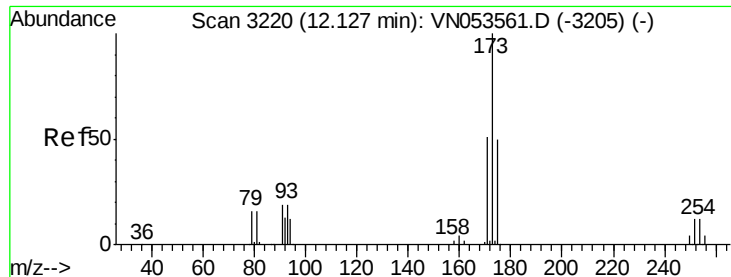
#70
Styrene
Concen: 19.230 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion:104 Resp: 379278
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.2
103 56.1 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

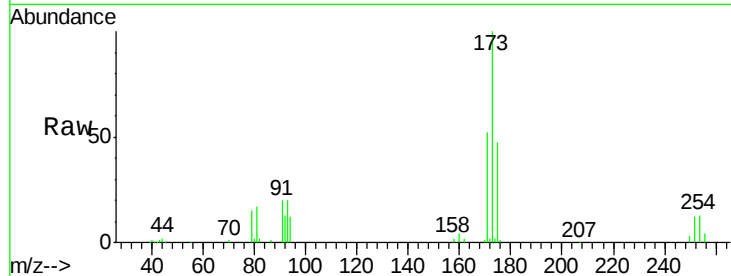




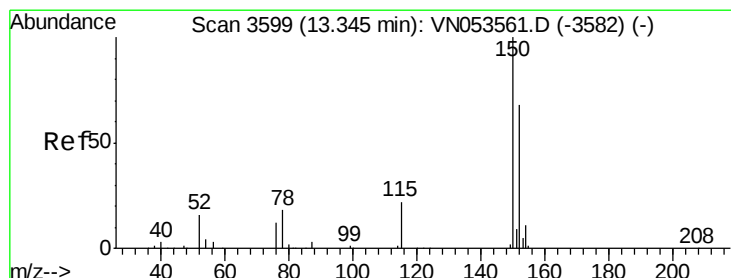
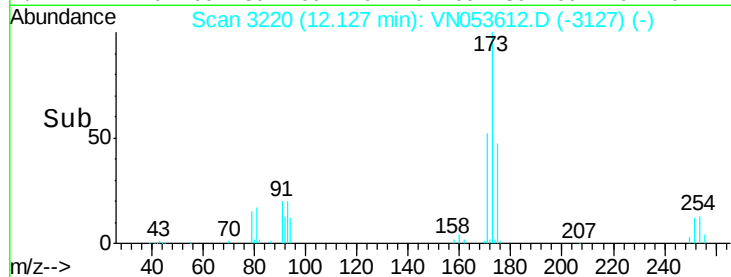
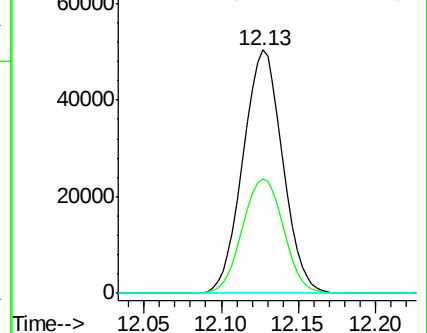
#71
Bromoform
Concen: 18.723 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tot Ion:173 Resp: 90062
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.2 0.2#

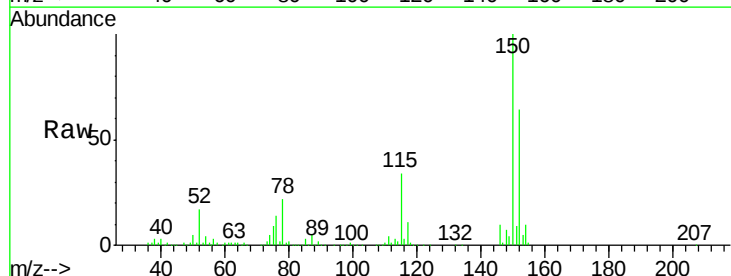


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

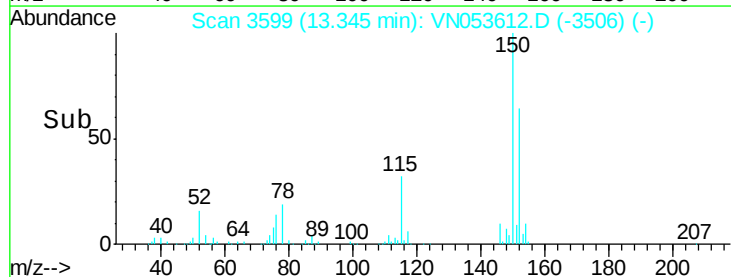
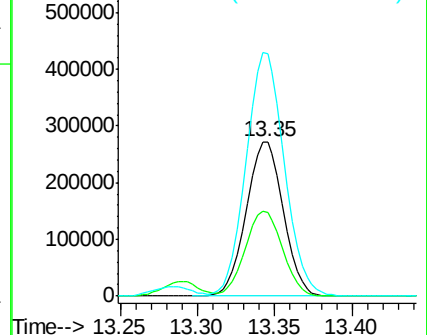


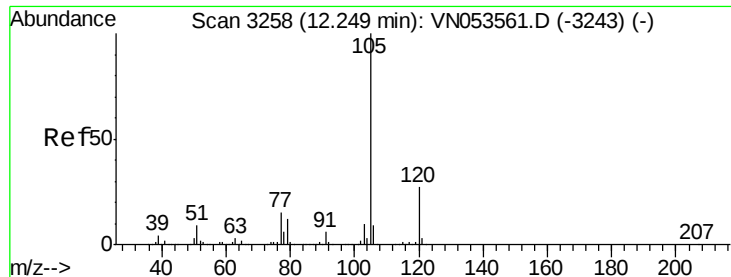
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion:152 Resp: 453003
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 163.6 0.0 349.0



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





#73

Isopropylbenzene

Concen: 19.777 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

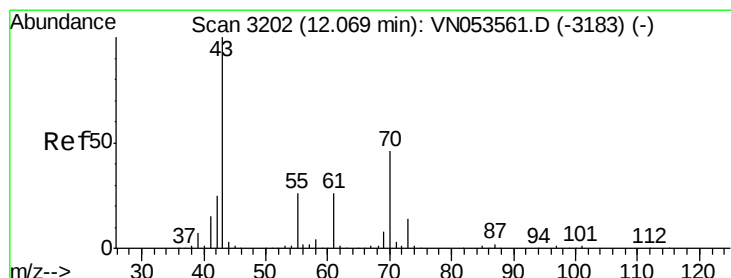
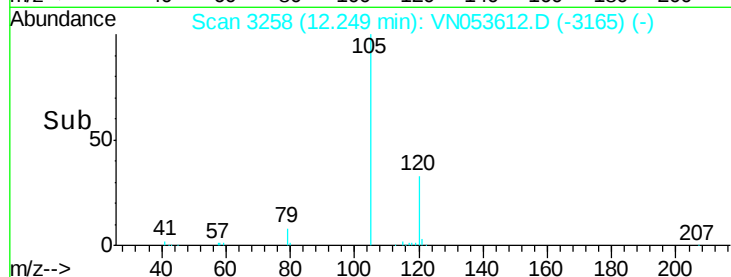
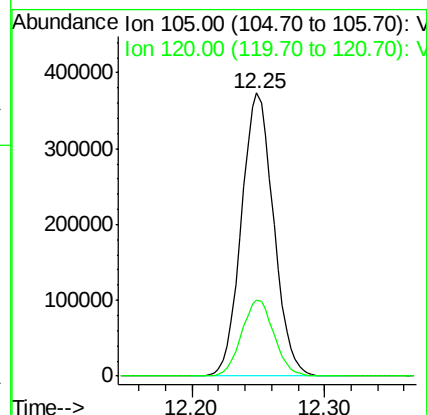
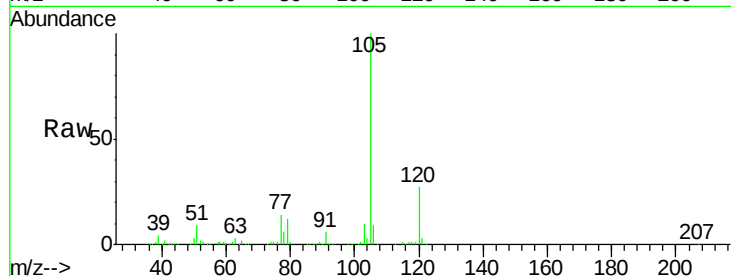
VN0205WBS01

Tot Ion:105 Resp: 629806

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 17.910 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Tgt Ion: 43 Resp: 137148

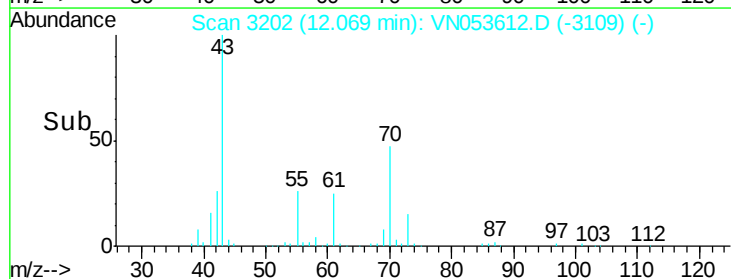
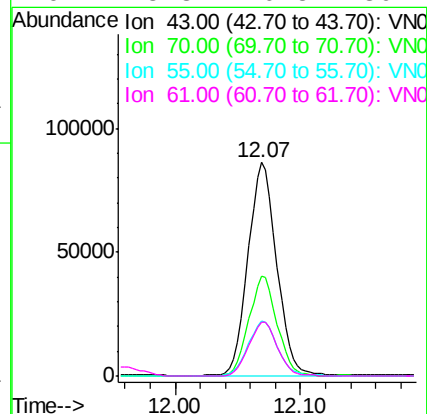
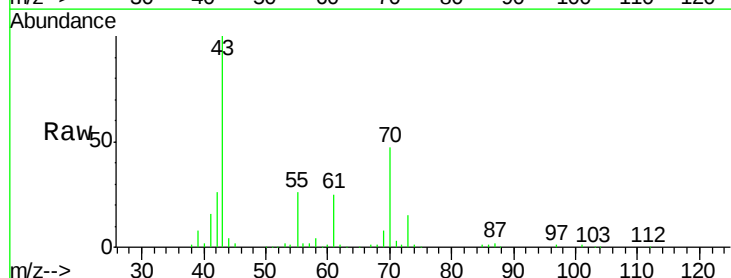
Ion Ratio Lower Upper

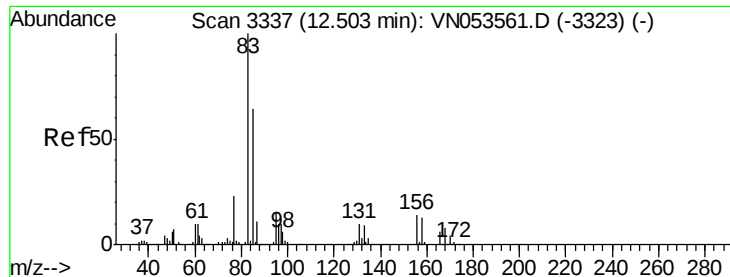
43 100

70 46.0 35.4 53.2

55 26.5 20.9 31.3

61 25.3 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.222 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

VN0205WBS01

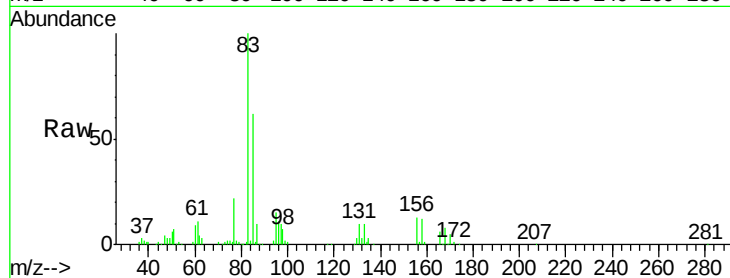
Tot Ion: 83 Resp: 138877

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.8

85 63.3 32.1 96.3

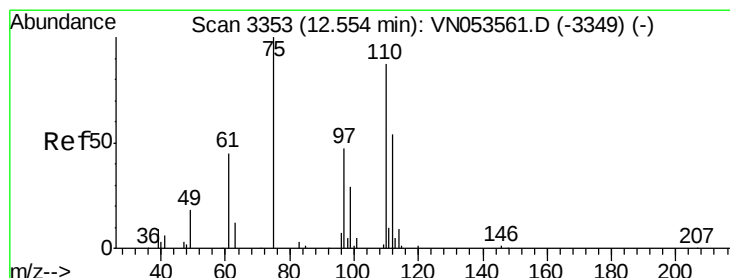
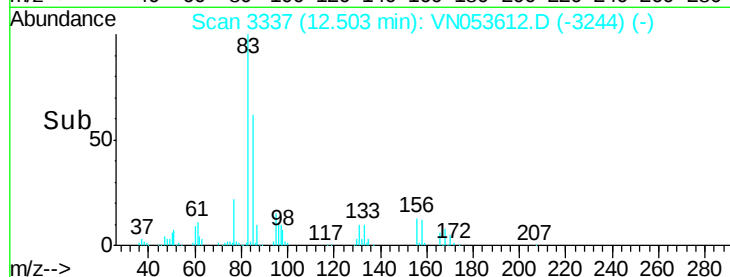


Abundance Ion 82.90 (82.60 to 83.60): VN053561.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN053561.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN053561.D (-3323) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.889 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN053612.D

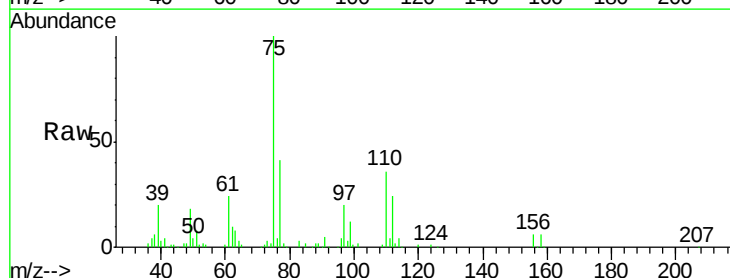
Acq: 5 Feb 2019 11:49

Tgt Ion: 75 Resp: 168091

Ion Ratio Lower Upper

75 100

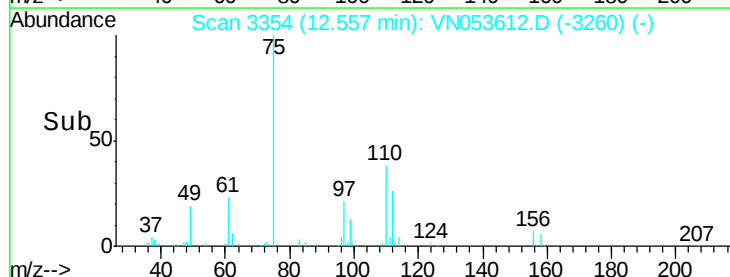
77 0.0 0.0 0.0

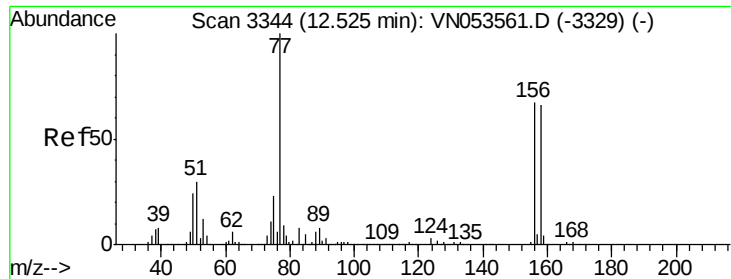


Abundance Ion 74.90 (74.60 to 75.60): VN053561.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN053561.D (-3349) (-)

Time-->





#77

Bromobenzene

Concen: 19.060 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

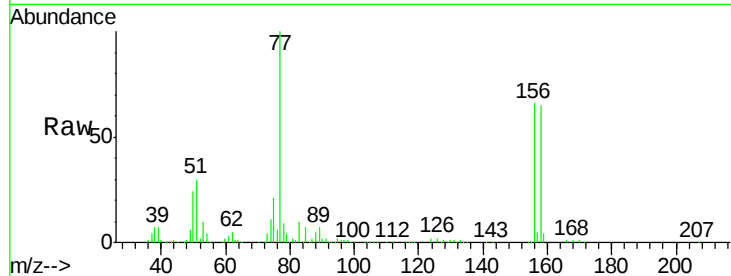
Tot Ion:156 Resp: 163581

Ion Ratio Lower Upper

156 100

77 173.8 87.9 263.8

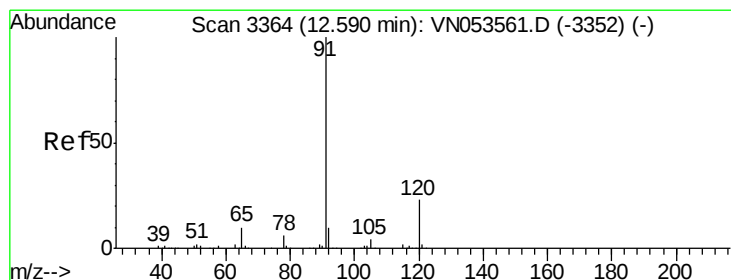
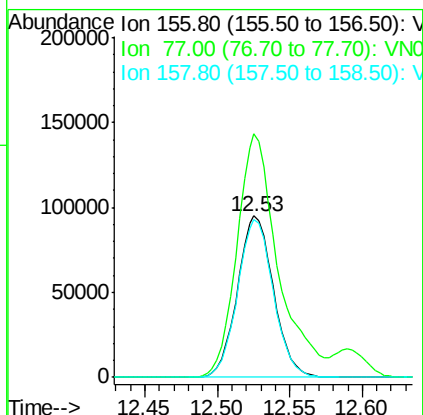
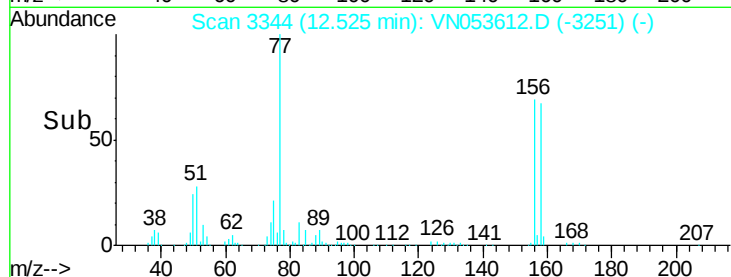
158 97.4 48.8 146.4



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: 19.647 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053612.D

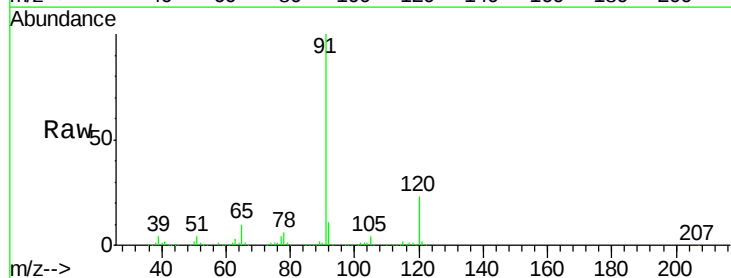
Acq: 5 Feb 2019 11:49

Tgt Ion: 91 Resp: 723285

Ion Ratio Lower Upper

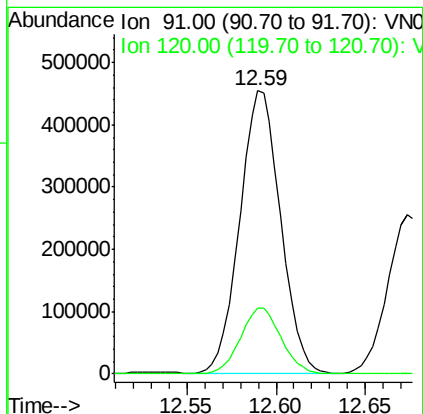
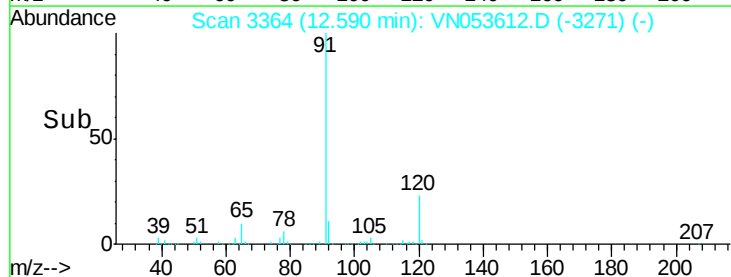
91 100

120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.426 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

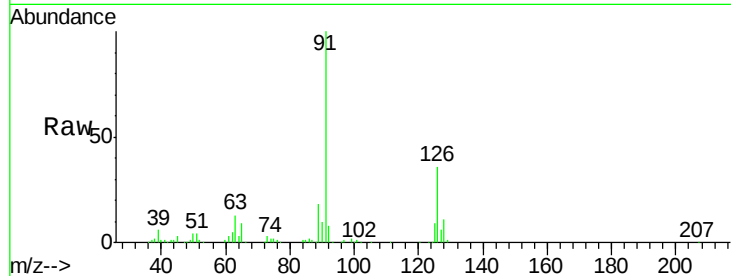
VN0205WBS01

Tot Ion: 91 Resp: 424279

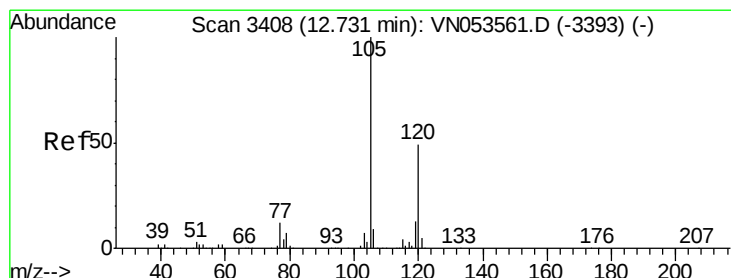
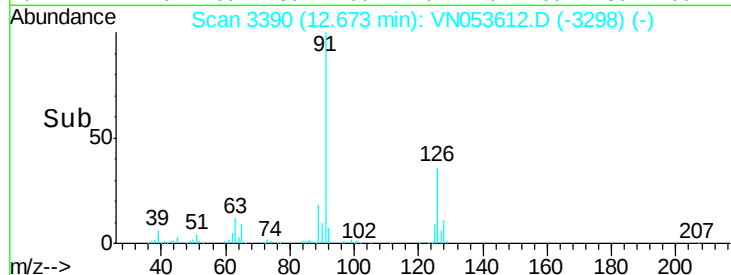
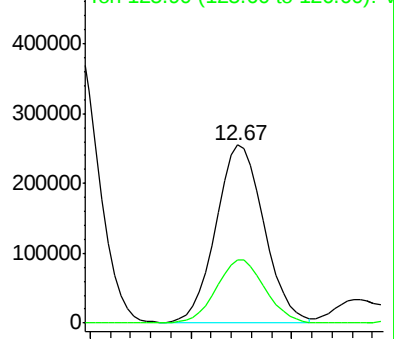
Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.345 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053612.D

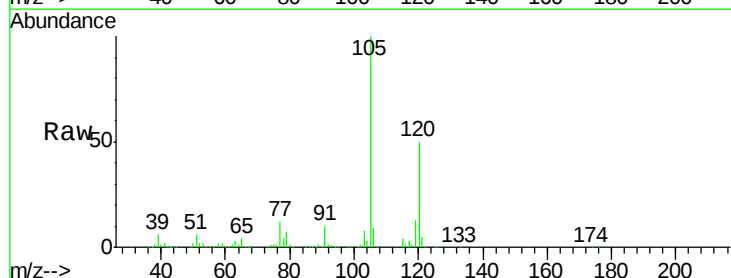
Acq: 5 Feb 2019 11:49

Tgt Ion: 105 Resp: 537275

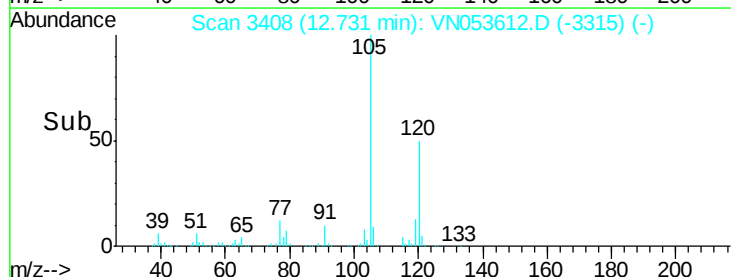
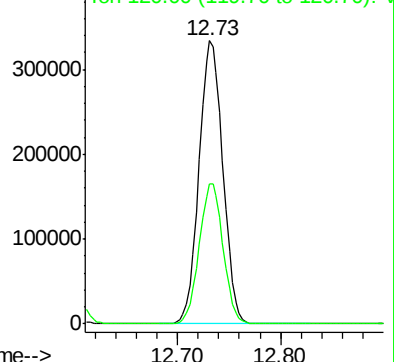
Ion Ratio Lower Upper

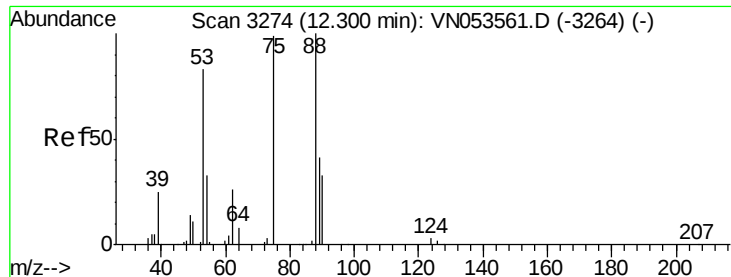
105 100

120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.243 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

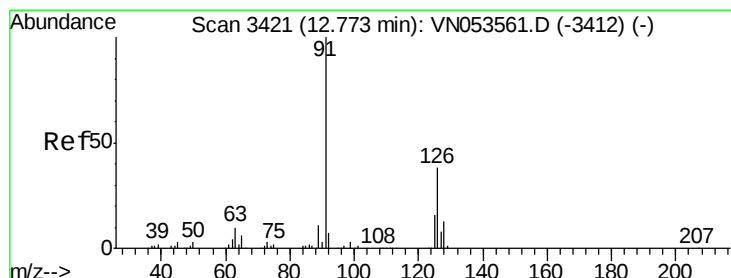
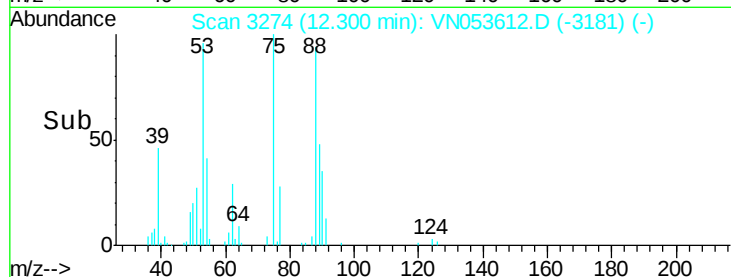
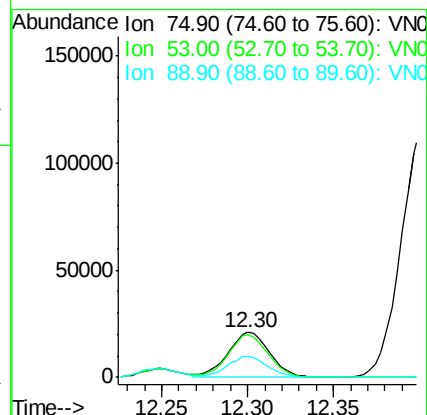
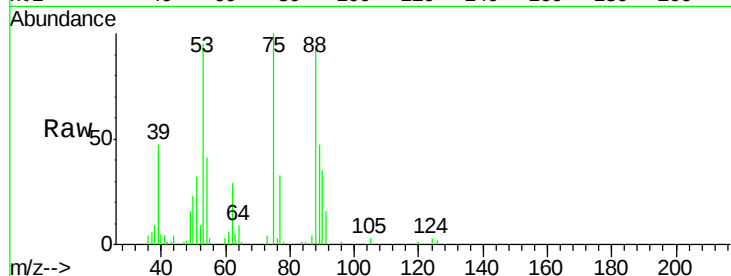
Tot Ion: 75 Resp: 35679

Ion Ratio Lower Upper

75 100

53 90.9 69.8 104.6

89 44.9 35.6 53.4



#82

4-Chlorotoluene

Concen: 19.494 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053612.D

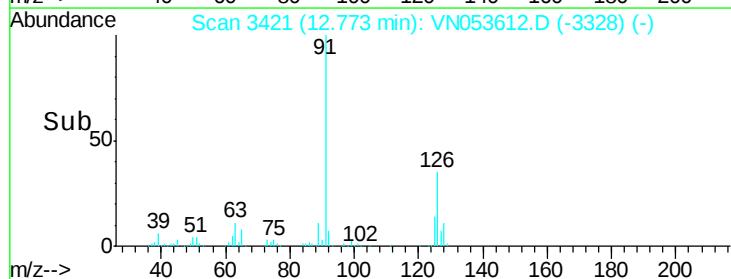
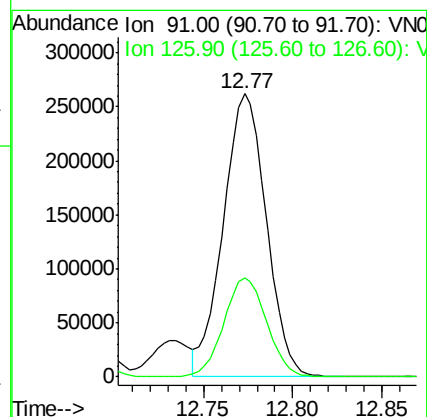
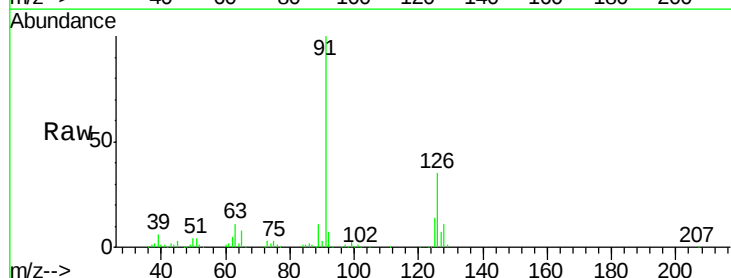
Acq: 5 Feb 2019 11:49

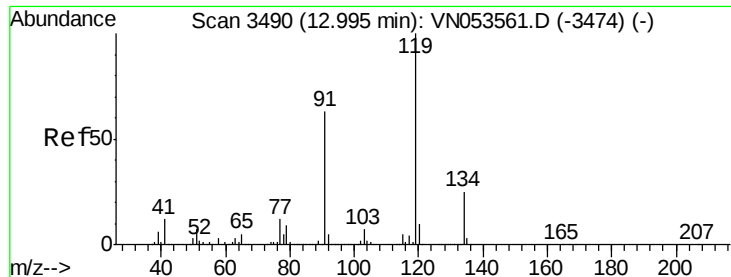
Tgt Ion: 91 Resp: 436885

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.9

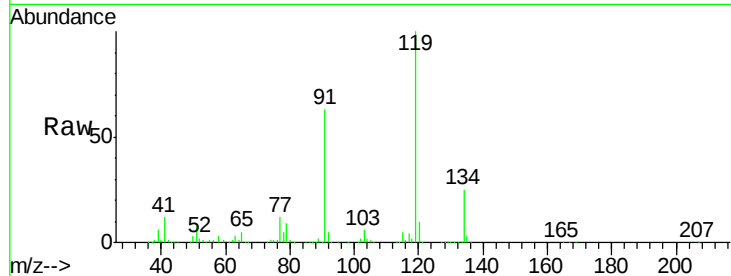




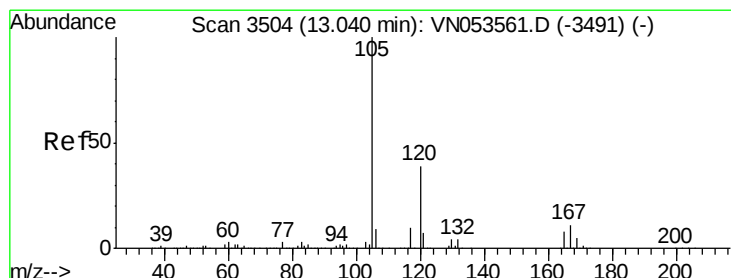
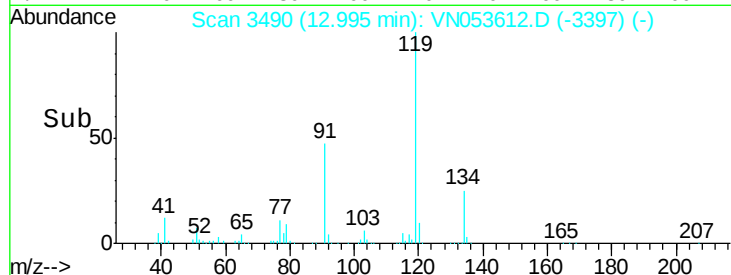
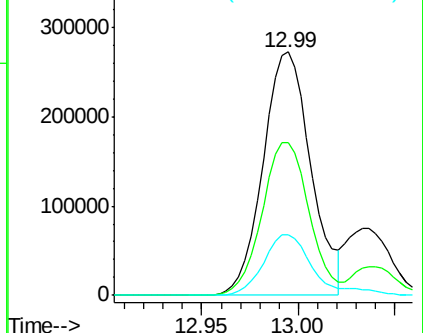
#83
 tert-Butylbenzene
 Concen: 20.164 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

Tot Ion:119 Resp: 470622
 Ion Ratio Lower Upper
 119 100
 91 61.5 31.3 93.8
 134 26.0 12.9 38.7

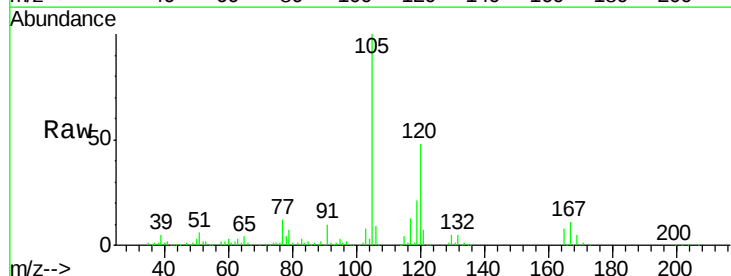


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

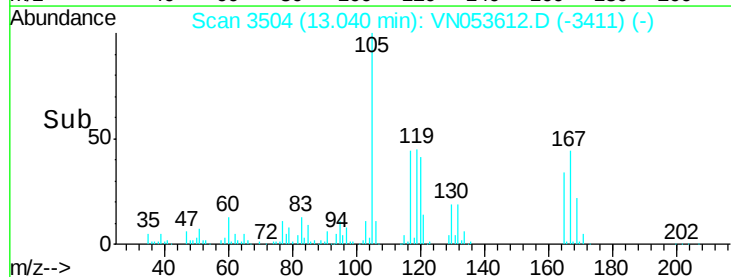
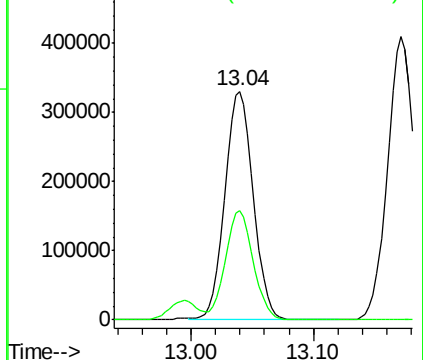


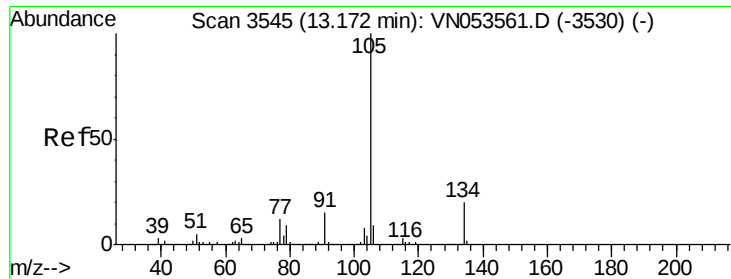
#84
 1,2,4-Trimethylbenzene
 Concen: 20.010 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion:105 Resp: 538371
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

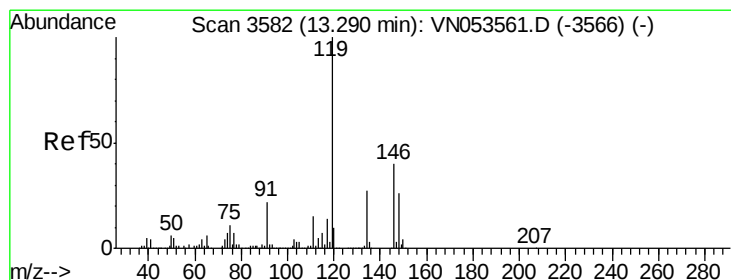
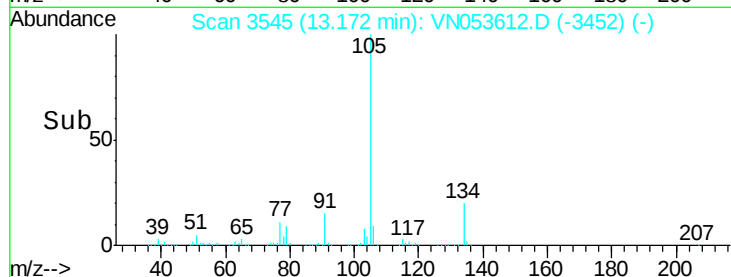
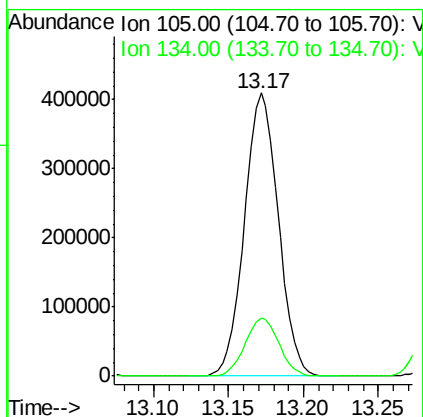
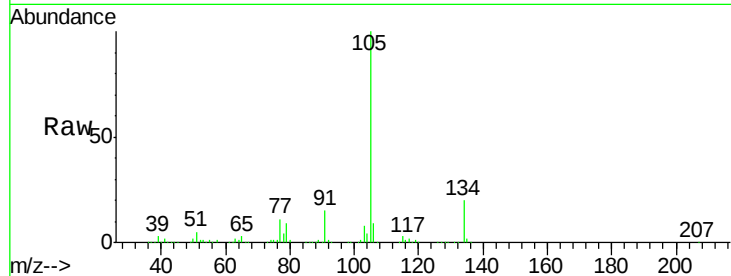




#85
 sec-Butylbenzene
 Concen: 20.331 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

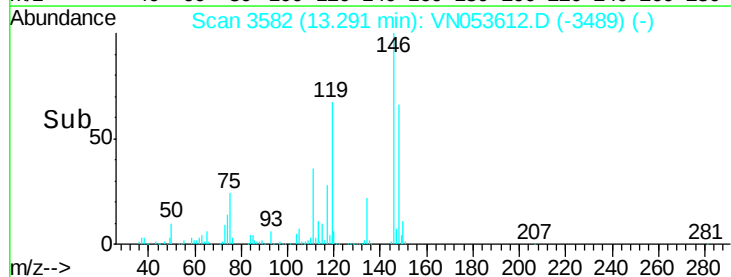
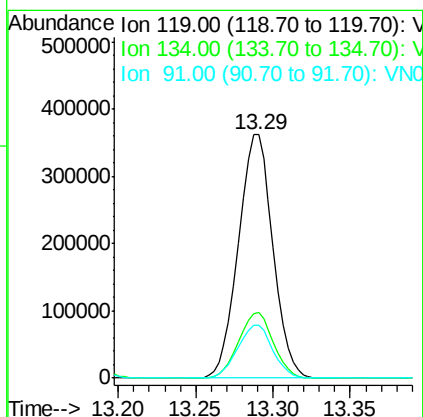
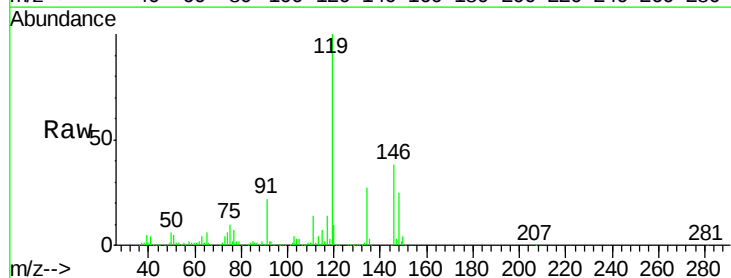
Instrument :
 MSVOA_N
 ClientSampled :
 VN0205WBS01

Tot Ion:105 Resp: 645728
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.180 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion:119 Resp: 560558
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 22.0 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 18.986 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

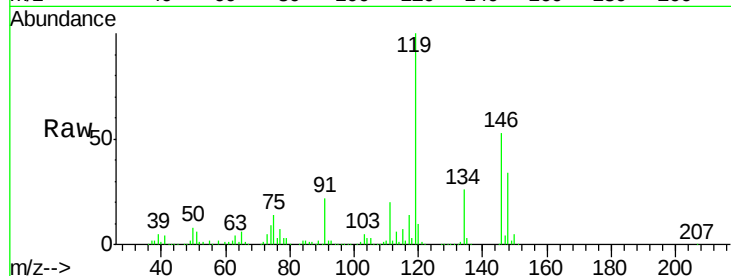
Tot Ion:146 Resp: 292934

Ion Ratio Lower Upper

146 100

111 36.7 18.8 56.3

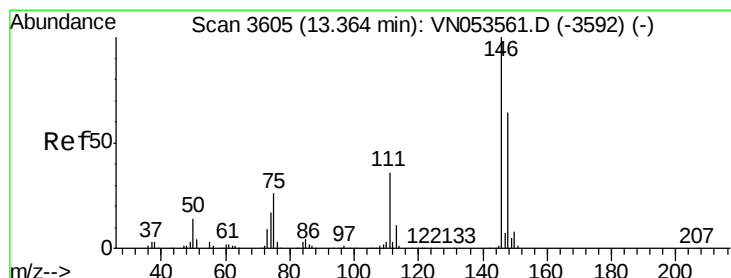
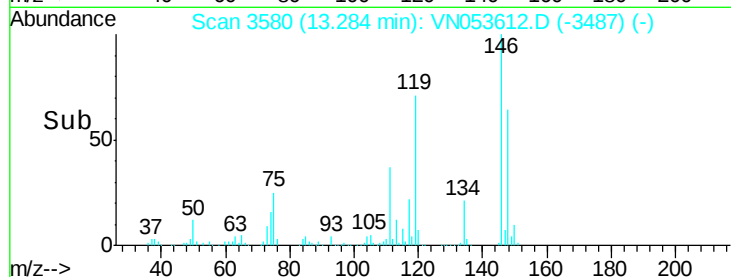
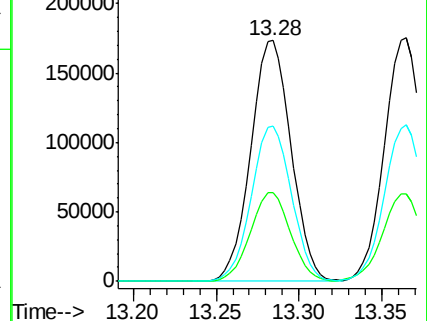
148 64.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.764 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

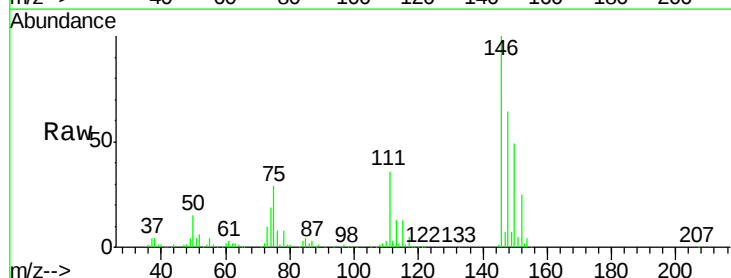
Tgt Ion:146 Resp: 286373

Ion Ratio Lower Upper

146 100

111 37.3 18.6 55.8

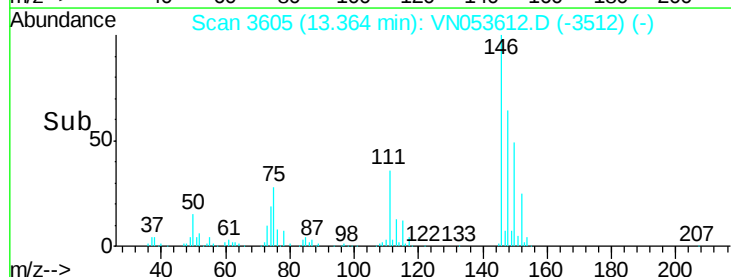
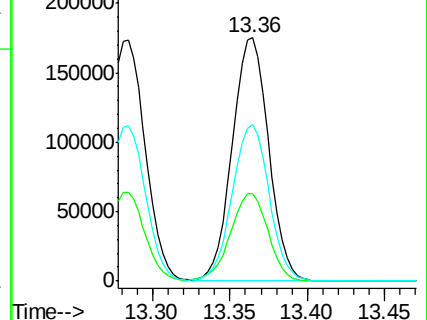
148 65.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.723 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

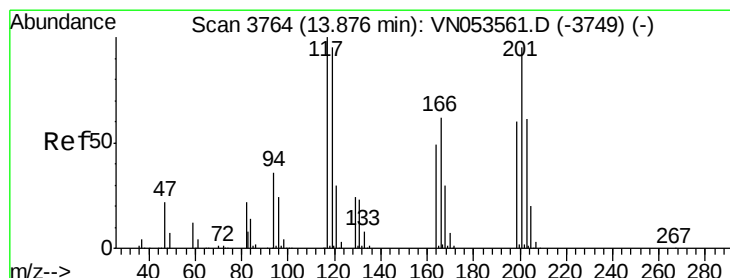
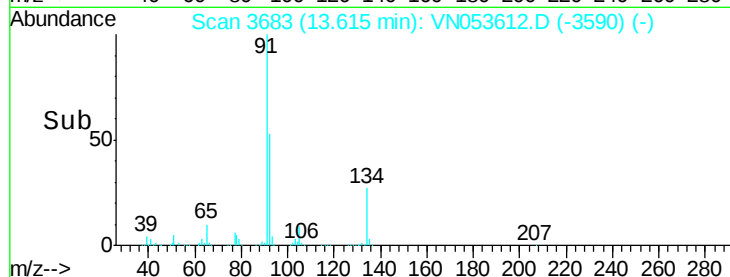
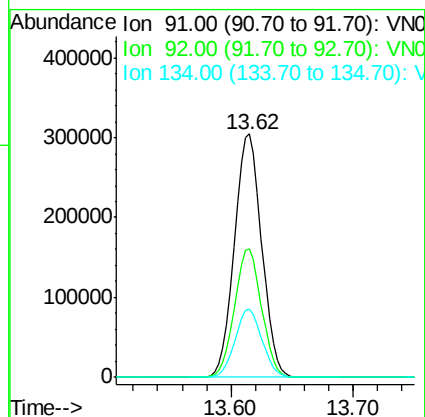
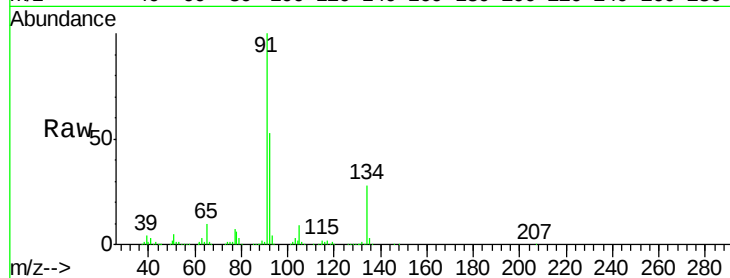
Tot Ion: 91 Resp: 474195

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.8

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 20.015 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN053612.D

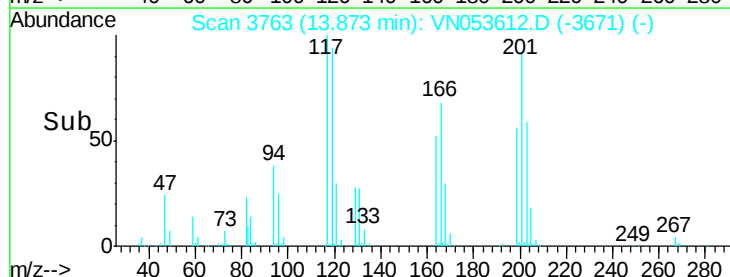
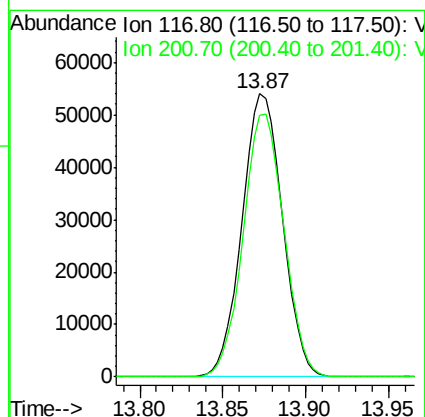
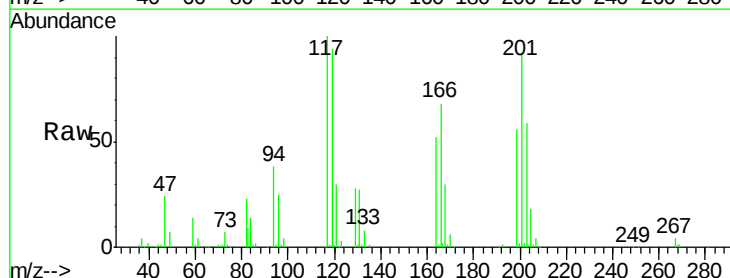
Acq: 5 Feb 2019 11:49

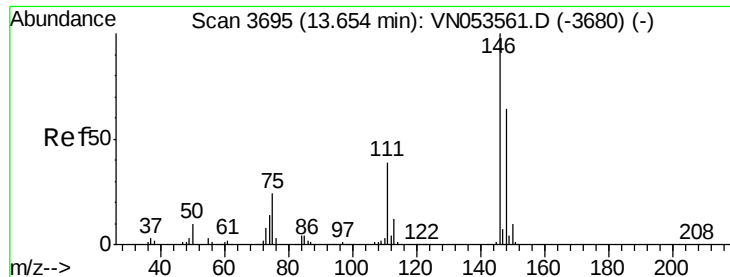
Tgt Ion: 117 Resp: 91707

Ion Ratio Lower Upper

117 100

201 93.6 46.8 140.4





#91

1,2-Dichlorobenzene

Concen: 18.823 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

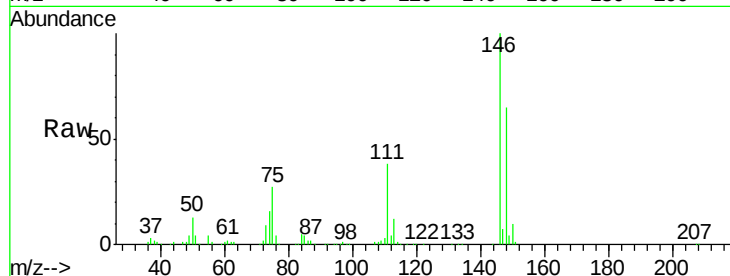
Tot Ion:146 Resp: 278030

Ion Ratio Lower Upper

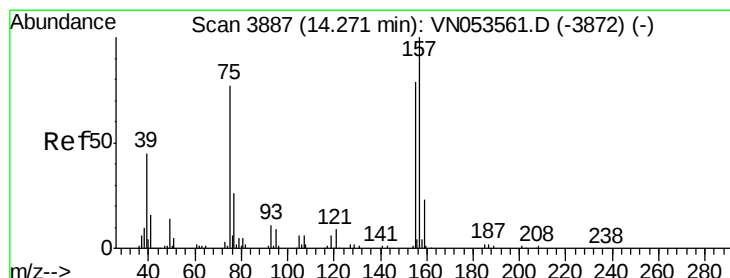
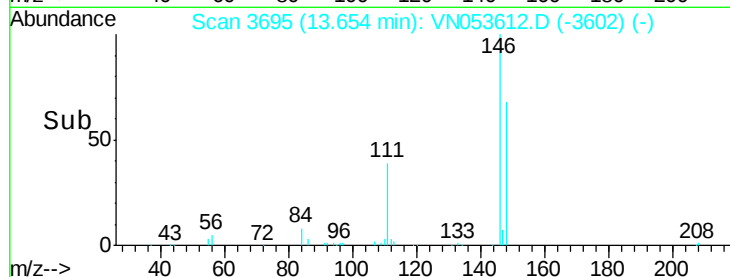
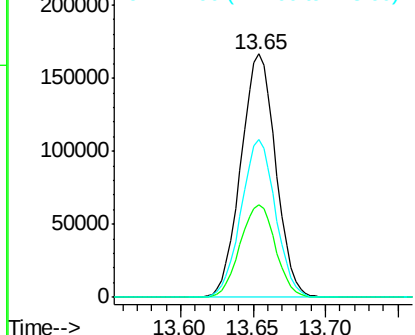
146 100

111 38.6 19.5 58.5

148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.092 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN053612.D

Acq: 5 Feb 2019 11:49

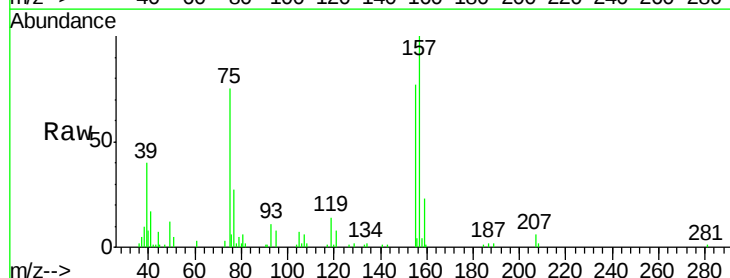
Tgt Ion: 75 Resp: 19651

Ion Ratio Lower Upper

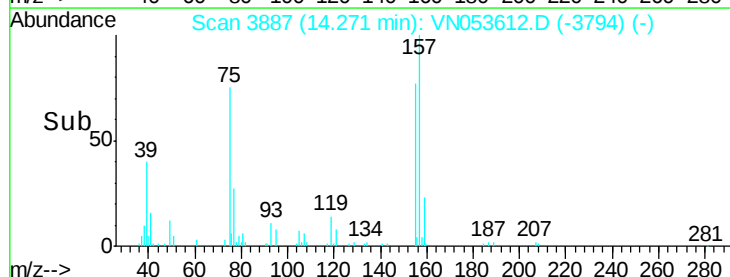
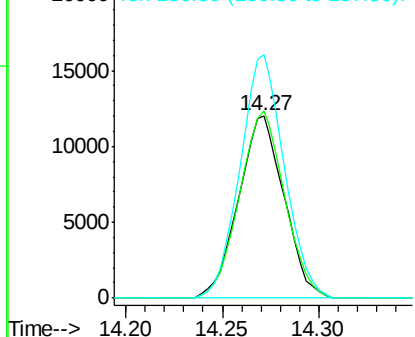
75 100

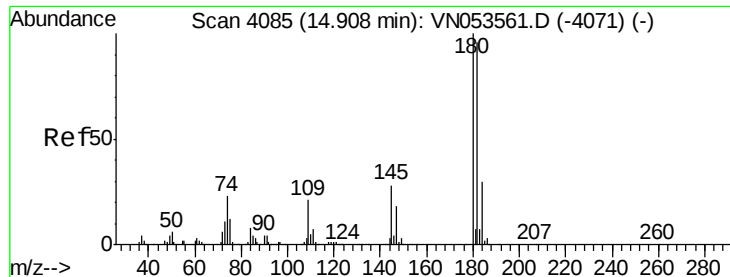
155 102.0 48.9 146.7

157 130.0 63.7 191.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

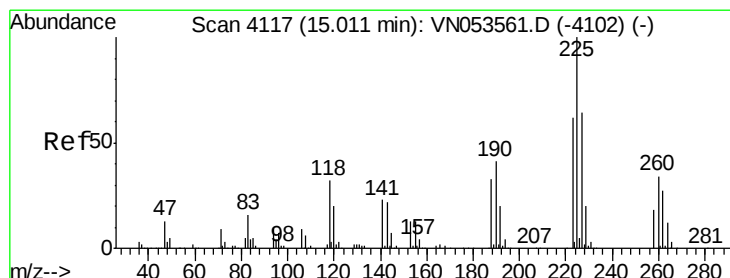
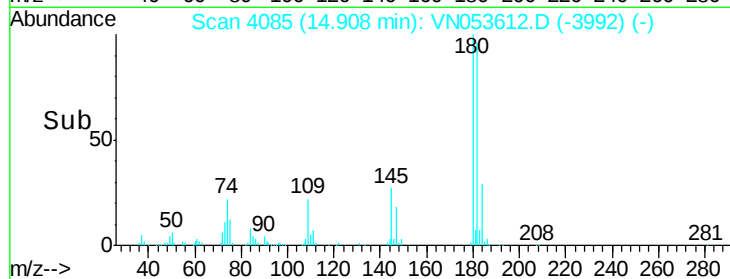
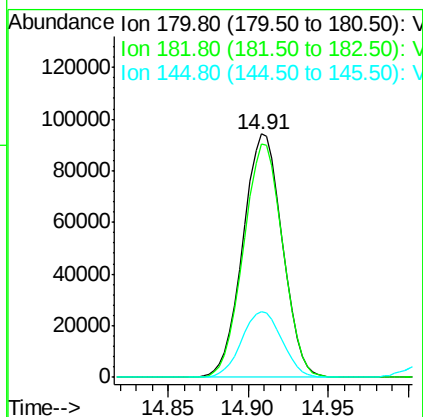
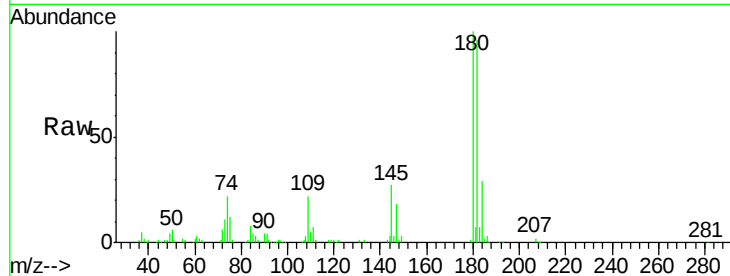




#93
 1,2,4-Trichlorobenzene
 Concen: 18.718 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

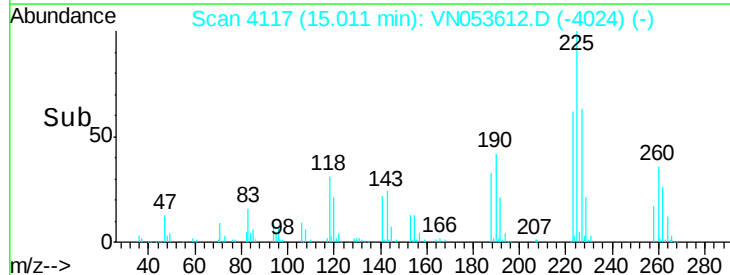
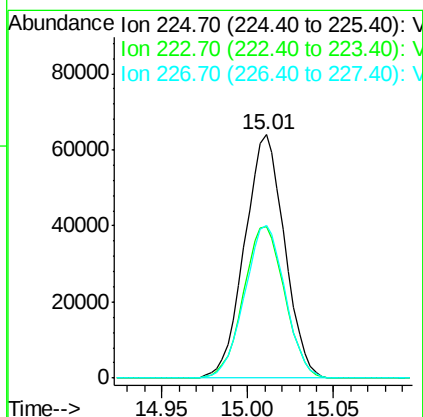
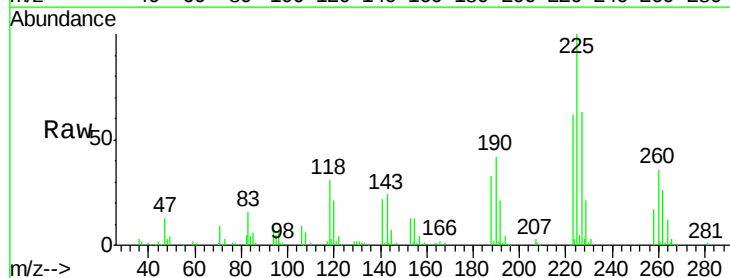
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

Tot Ion:180 Resp: 158562
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.1 144.3
 145 27.6 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 19.542 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053612.D
 Acq: 5 Feb 2019 11:49

Tgt Ion:225 Resp: 103093
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.1 93.2
 227 63.6 32.0 96.2

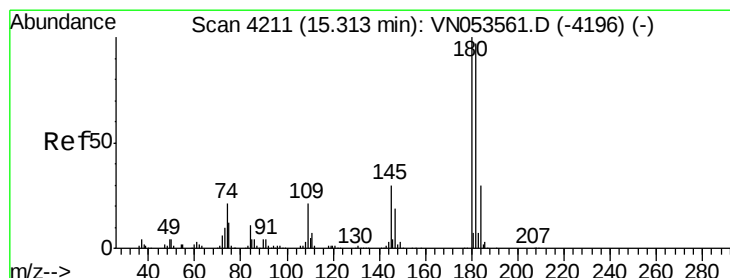
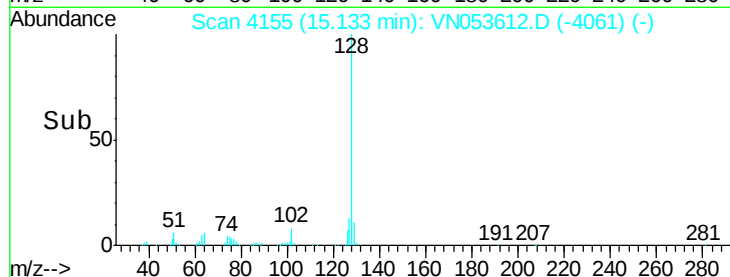
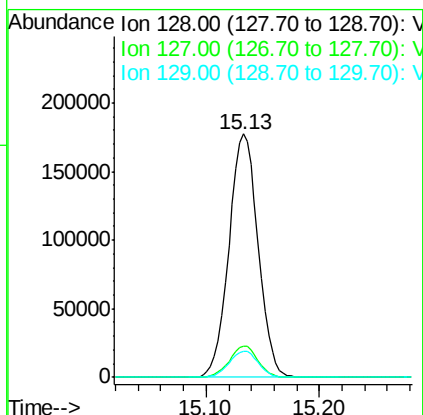
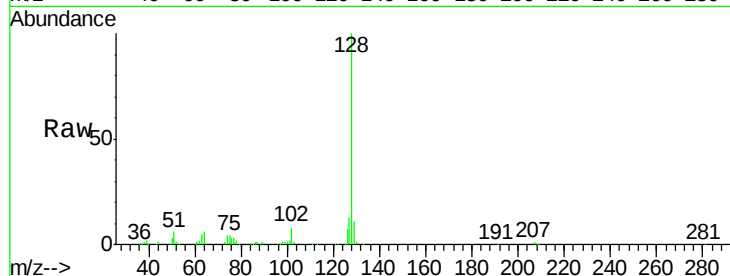




#95
Naphthalene
Concen: 17.123 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tot Ion:128 Resp: 317196
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.640 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053612.D
Acq: 5 Feb 2019 11:49

Tgt Ion:180 Resp: 146512
Ion Ratio Lower Upper
180 100
182 97.7 47.9 143.8
145 29.3 14.7 44.1

