

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069170.D
 Acq On : 25 Oct 2021 23:11
 Operator : JC/MD
 Sample : M4334-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 26 01:37:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

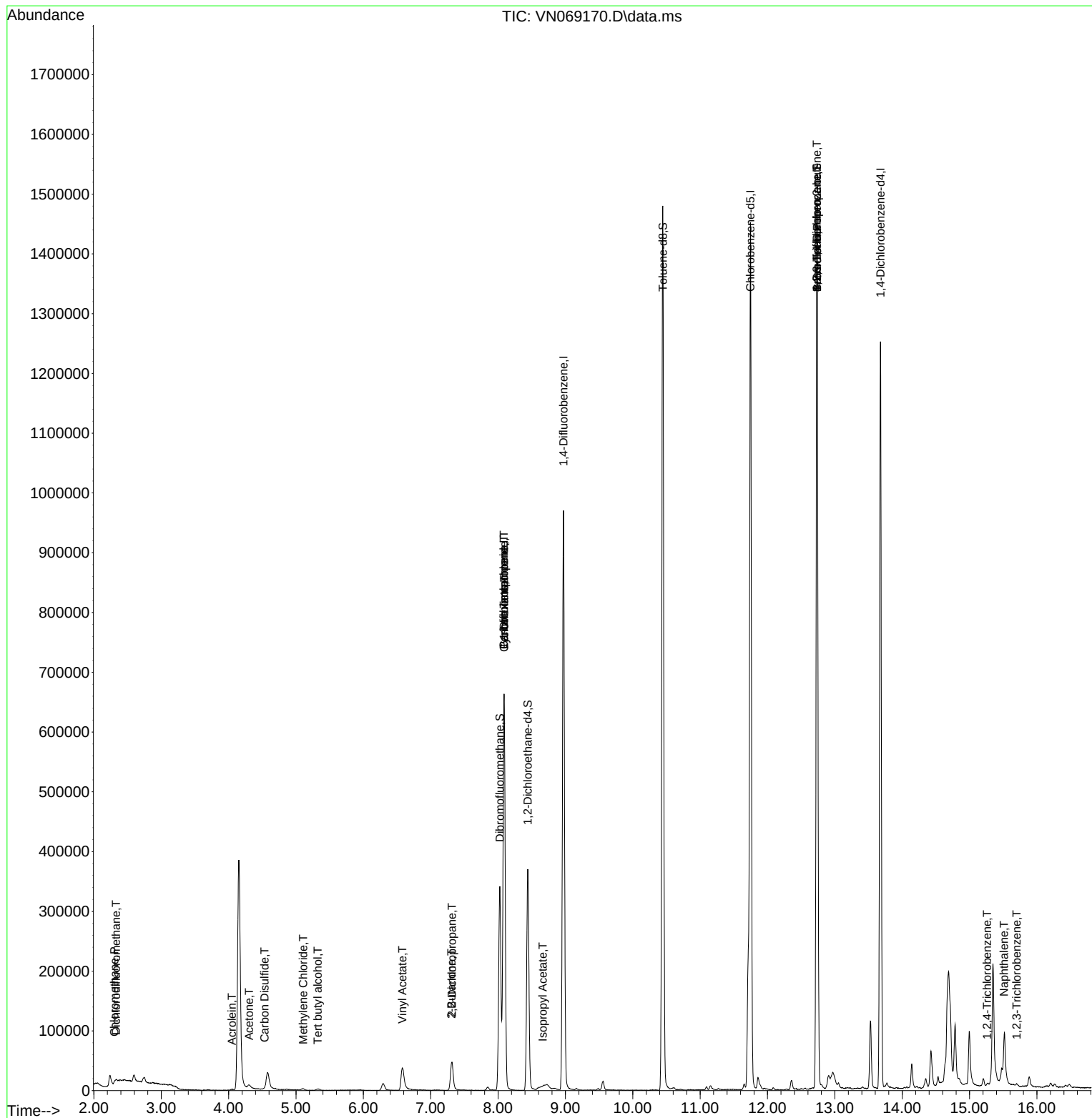
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	510453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	867781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	845827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	338990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	323688	48.095	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.200%
35) Dibromofluoromethane	8.027	113	252805	50.072	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.140%
50) Toluene-d8	10.446	98	1084030	53.662	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.320%
62) 4-Bromofluorobenzene	12.733	95	423593	55.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.327	85	113	1.261	ug/l #	42
3) Chloromethane	2.303	50	1311	0.210	ug/l	95
11) Tert butyl alcohol	5.320	59	1813	1.474	ug/l #	72
13) Acrolein	4.049	56	2655	4.880	ug/l	95
16) Acetone	4.301	43	5073	2.020	ug/l #	60
17) Carbon Disulfide	4.535	76	3241	0.242	ug/l #	75
20) Methylene Chloride	5.106	84	2187	0.378	ug/l #	87
23) Vinyl Acetate	6.578	43	8687	0.625	ug/l #	72
25) 2-Butanone	7.308	43	1311	0.345	ug/l #	48
26) 2,2-Dichloropropane	7.316	77	3403	0.357	ug/l #	53
31) Cyclohexane	8.091	56	10775	1.030	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	40716	5.493	ug/l #	49
38) Carbon Tetrachloride	8.088	117	53688	6.595	ug/l #	15
43) Isopropyl Acetate	8.662	43	10026	0.742	ug/l #	55
71) Bromoform	12.736	173	1118	0.223	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	208036	28.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	208036	69.005	ug/l #	39
93) 1,2,4-Trichlorobenzene	15.260	180	105	2.619	ug/l #	81
95) Naphthalene	15.509	128	1951	3.926	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.700	180	52	2.523	ug/l #	80

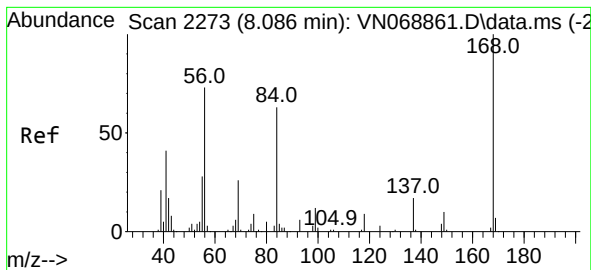
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN069170.D

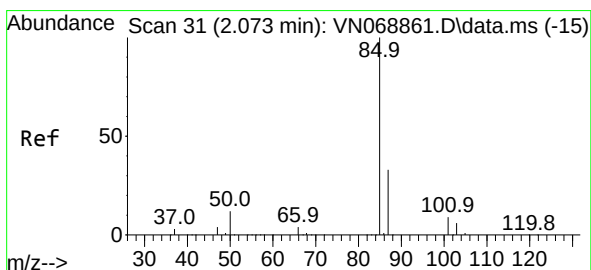
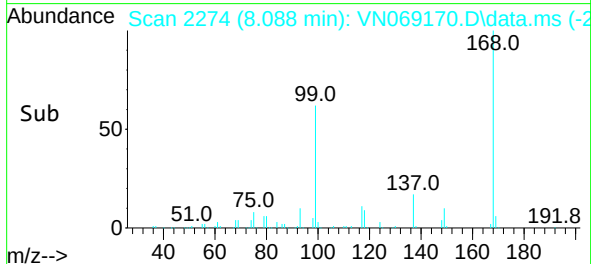
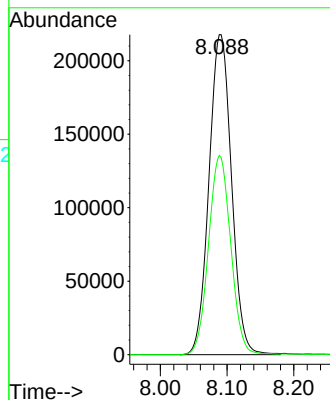
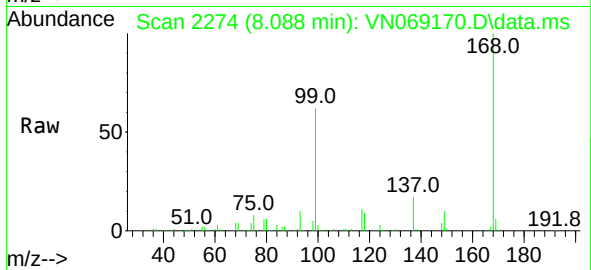
Acq: 25 Oct 2021 23:11

Tgt Ion:168 Resp: 510453

Ion Ratio Lower Upper

168 100

99 62.2 48.9 73.3



#2

Dichlorodifluoromethane

Concen: 1.261 ug/l

RT: 2.327 min Scan# 126

Delta R.T. 0.254 min

Lab File: VN069170.D

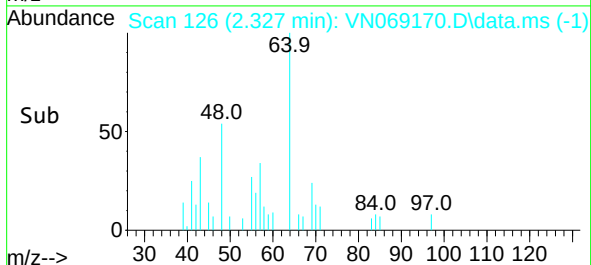
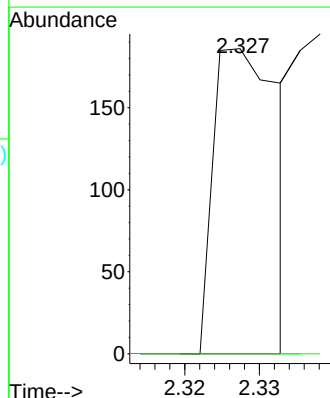
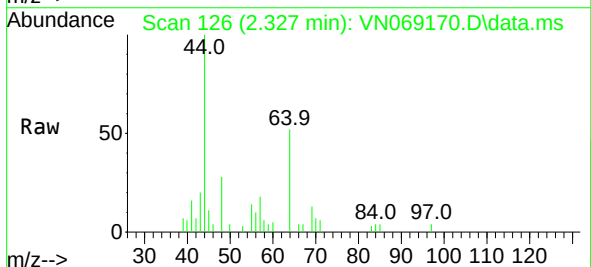
Acq: 25 Oct 2021 23:11

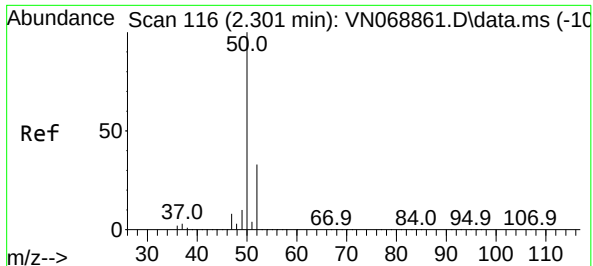
Tgt Ion: 85 Resp: 113

Ion Ratio Lower Upper

85 100

87 0.0 16.3 48.8#

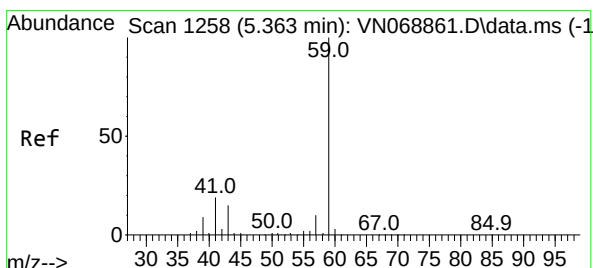
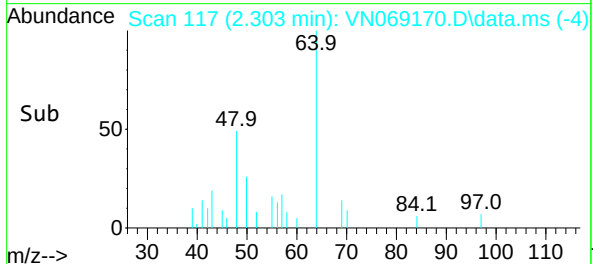
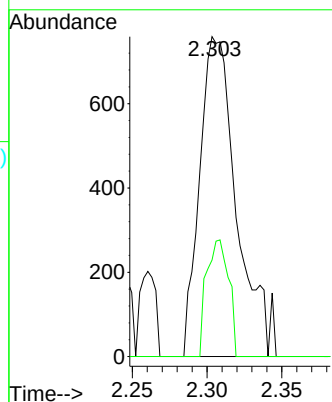
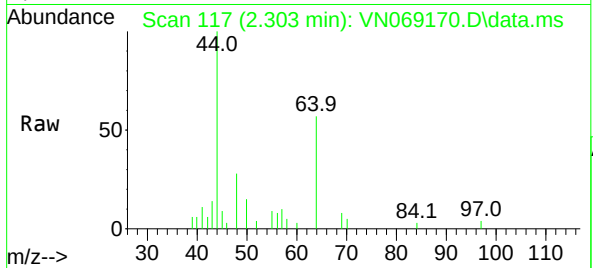




#3
Chloromethane
Concen: 0.210 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

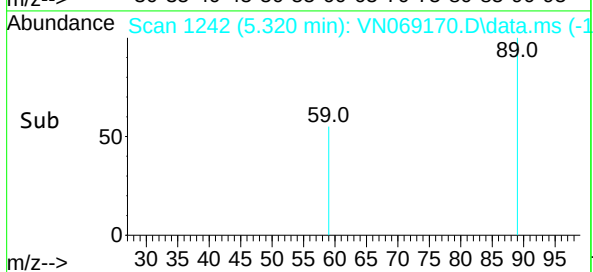
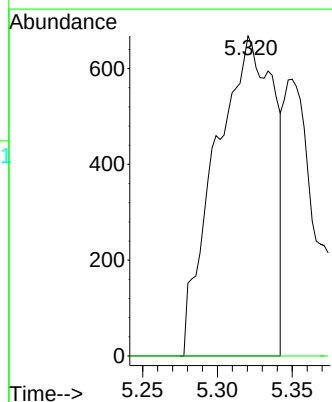
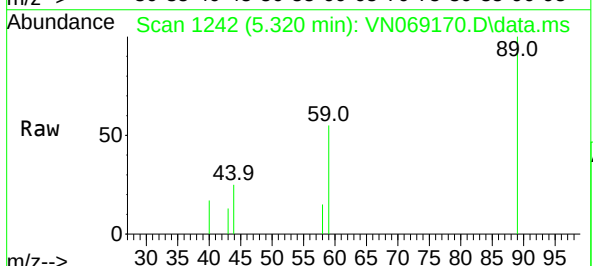
Instrument :
MSVOA_N
ClientSampled :

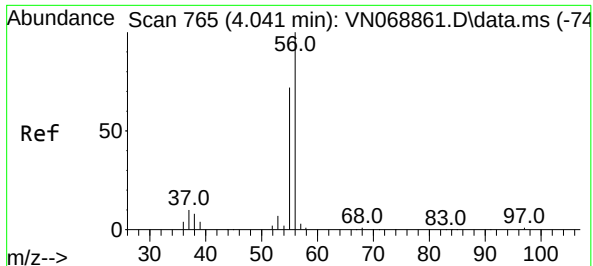
Tgt Ion: 50 Resp: 1311
Ion Ratio Lower Upper
50 100
52 30.2 26.3 39.5



#11
Tert butyl alcohol
Concen: 1.474 ug/l
RT: 5.320 min Scan# 1242
Delta R.T. -0.043 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

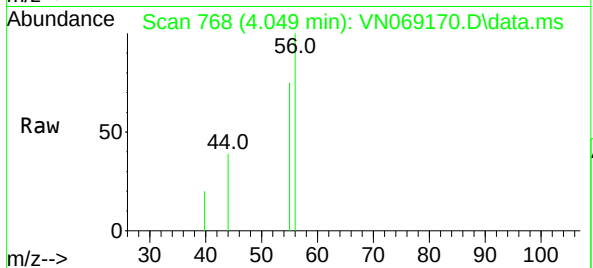
Tgt Ion: 59 Resp: 1813
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



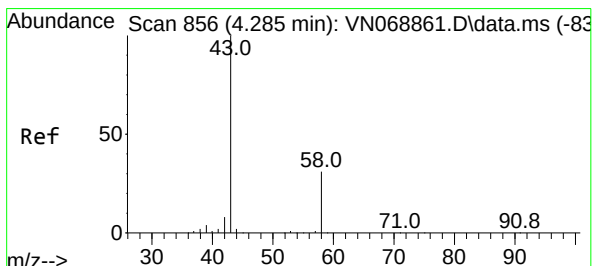
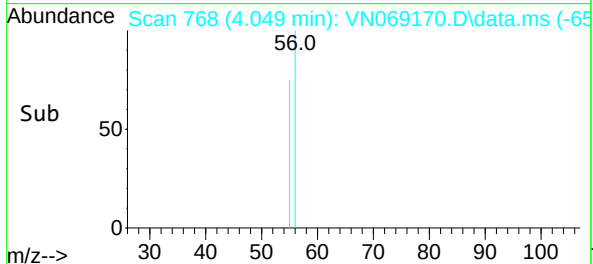
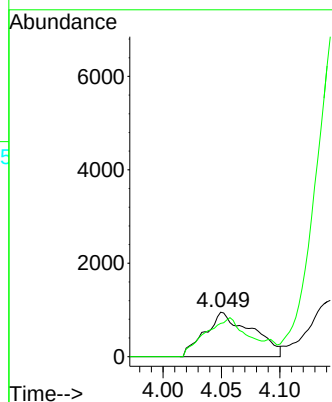


#13
Acrolein
Concen: 4.880 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.008 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

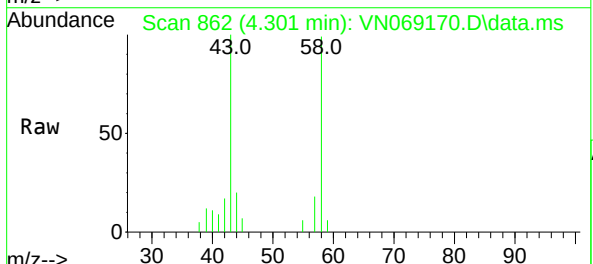
Instrument :
MSVOA_N
ClientSampleId :



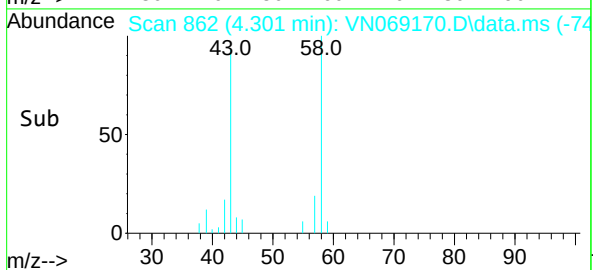
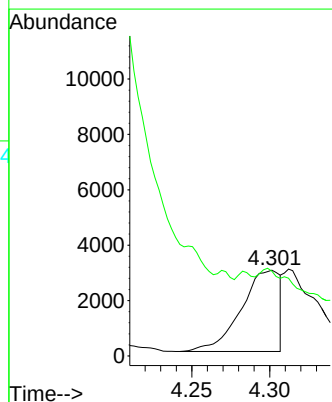
Tgt Ion: 56 Resp: 2655
Ion Ratio Lower Upper
56 100
55 76.9 58.1 87.1

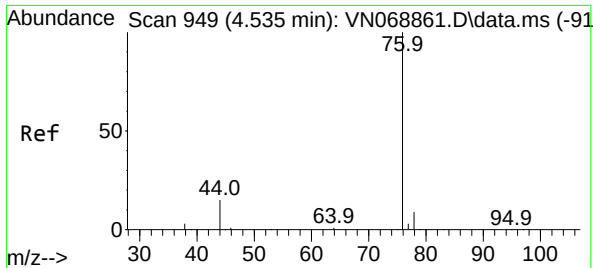


#16
Acetone
Concen: 2.020 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11



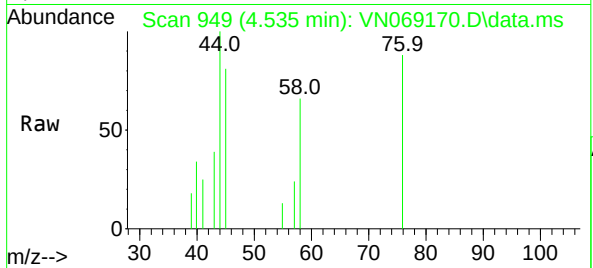
Tgt Ion: 43 Resp: 5073
Ion Ratio Lower Upper
43 100
58 8.7 24.5 36.7#



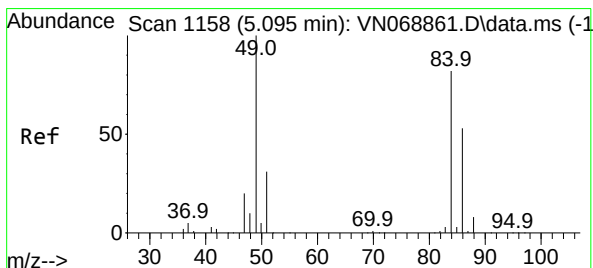
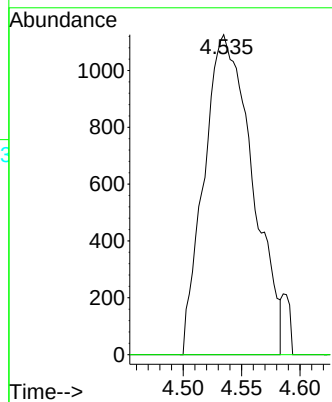
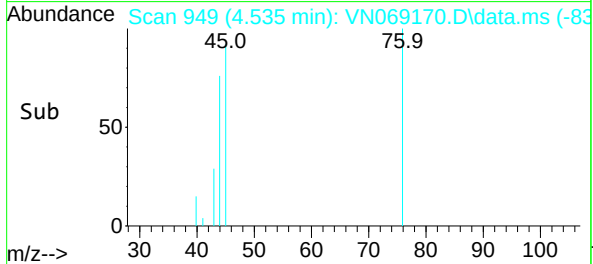


#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 4.535 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

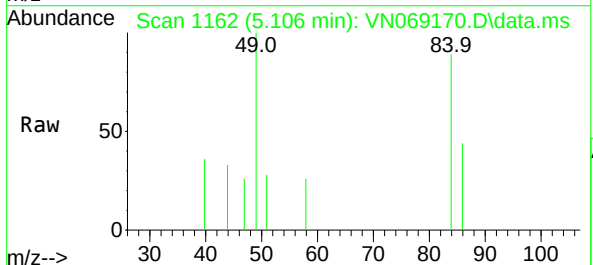
Instrument :
MSVOA_N
ClientSampled :



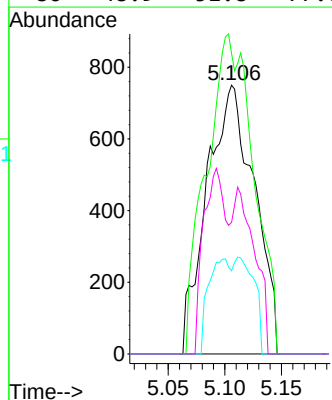
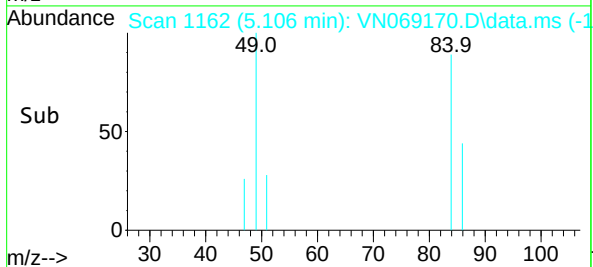
Tgt Ion: 76 Resp: 3241
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

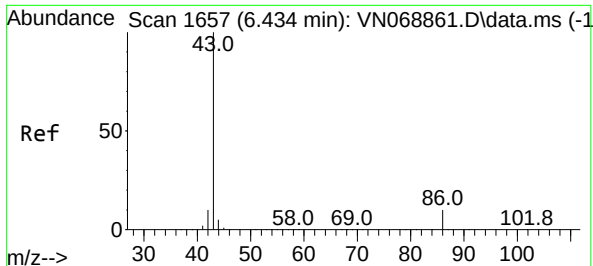


#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11



Tgt Ion: 84 Resp: 2187
Ion Ratio Lower Upper
84 100
49 111.7 97.6 146.4
51 30.9 30.3 45.5
86 48.9 51.8 77.6#





#23

Vinyl Acetate

Concen: 0.625 ug/l

RT: 6.578 min Scan# 1711

Delta R.T. 0.145 min

Lab File: VN069170.D

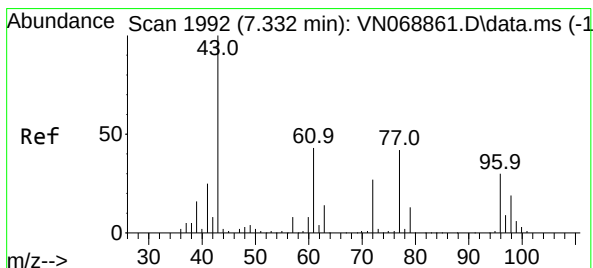
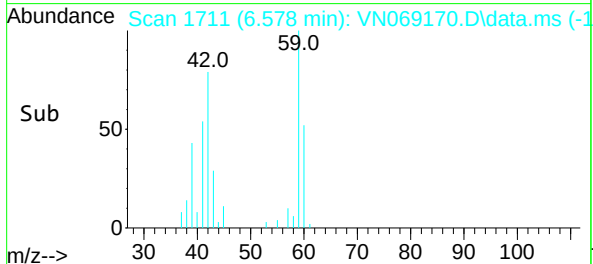
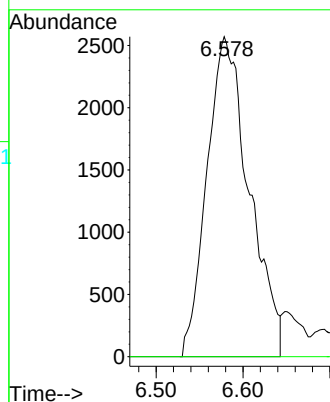
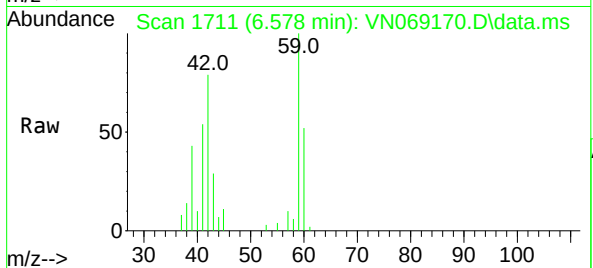
Acq: 25 Oct 2021 23:11

Tgt Ion: 43 Resp: 8687

Ion Ratio Lower Upper

43 100

86 0.0 8.3 12.5#



#25

2-Butanone

Concen: 0.345 ug/l

RT: 7.308 min Scan# 1983

Delta R.T. -0.024 min

Lab File: VN069170.D

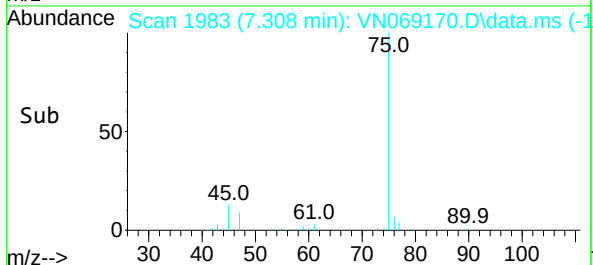
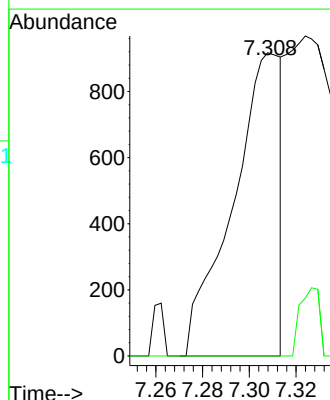
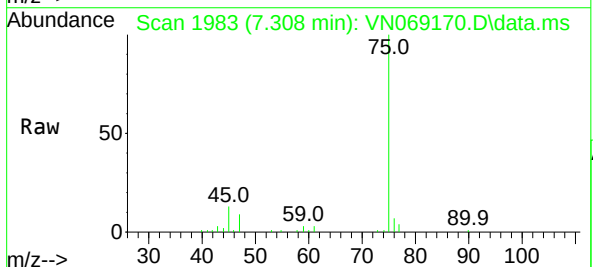
Acq: 25 Oct 2021 23:11

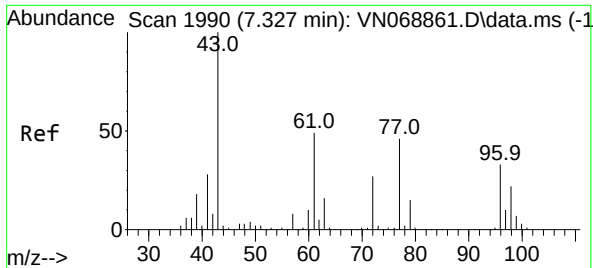
Tgt Ion: 43 Resp: 1311

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#

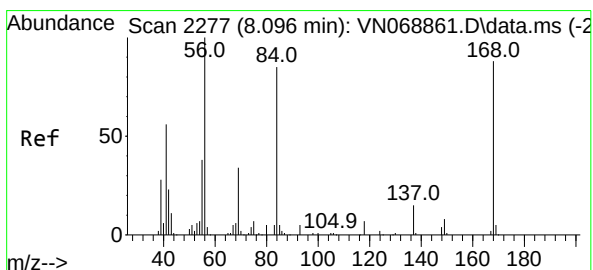
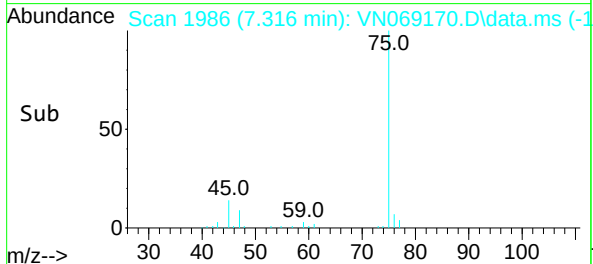
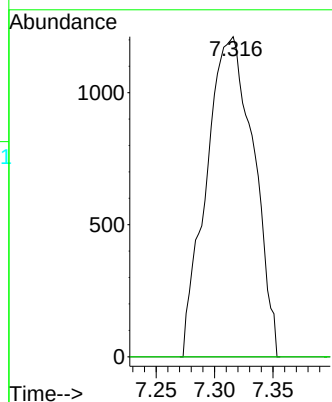
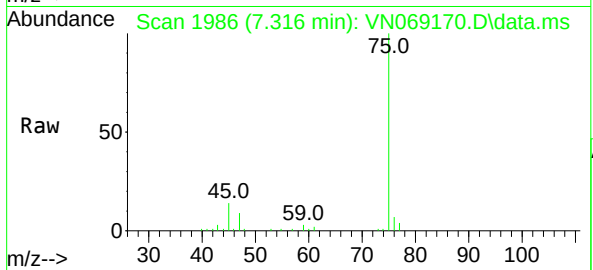




#26
2,2-Dichloropropane
Concen: 0.357 ug/l
RT: 7.316 min Scan# 1986
Delta R.T. -0.011 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

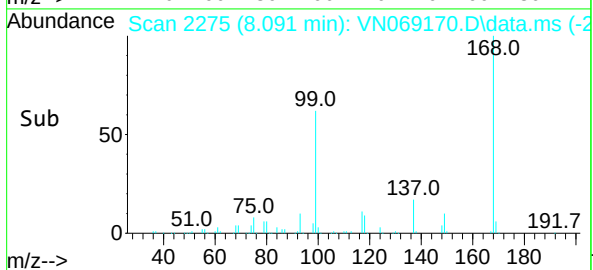
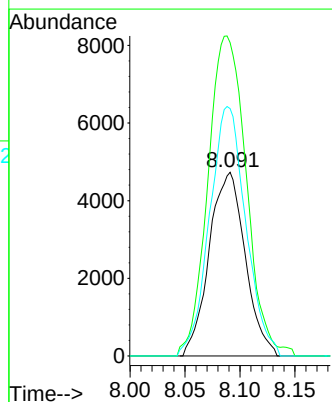
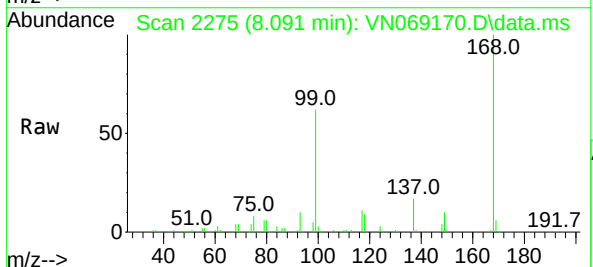
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MSVOA_N
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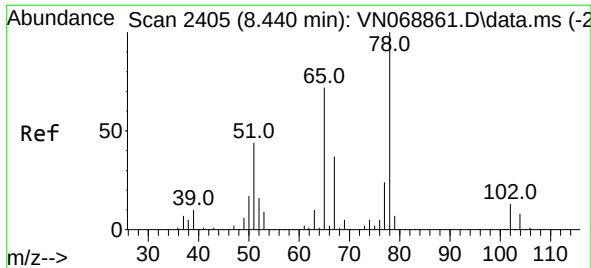
Tgt Ion: 77 Resp: 3403
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#31
Cyclohexane
Concen: 1.030 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

Tgt Ion: 56 Resp: 10775
Ion Ratio Lower Upper
56 100
69 165.8 26.9 40.3#
84 134.7 67.6 101.4#

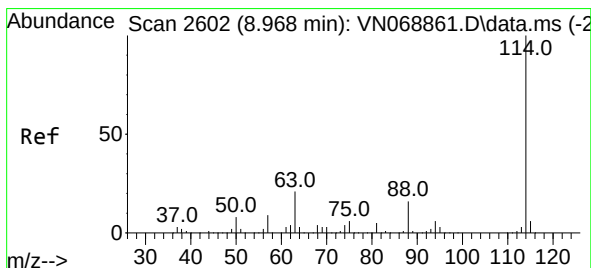
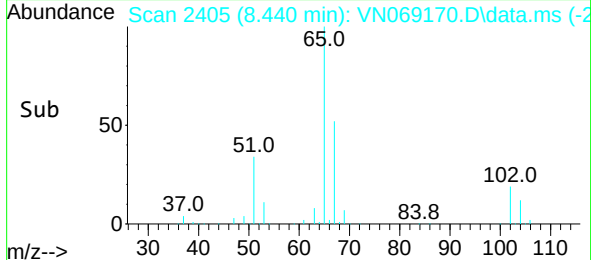
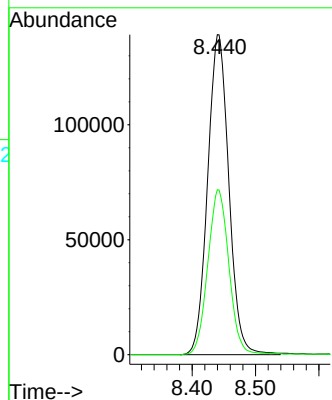
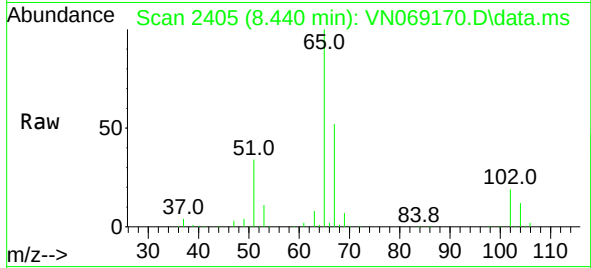




#33
 1,2-Dichloroethane-d4
 Concen: 48.095 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069170.D
 Acq: 25 Oct 2021 23:11

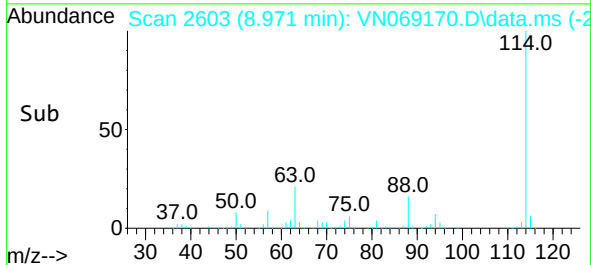
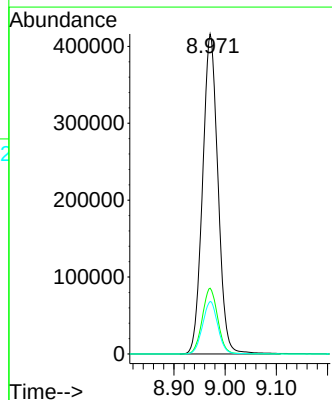
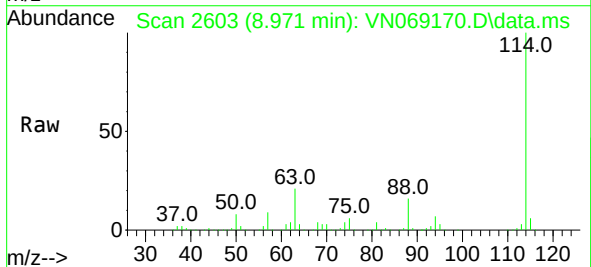
Instrument :
 MSVOA_N
 ClientSampleId :

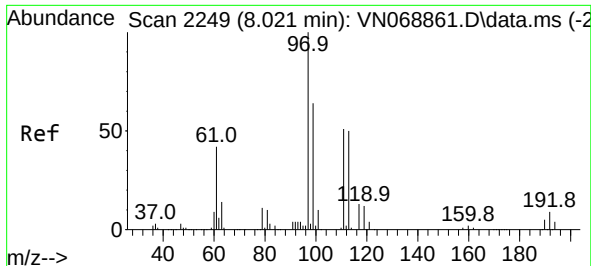
Tgt Ion: 65 Resp: 323688
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069170.D
 Acq: 25 Oct 2021 23:11

Tgt Ion: 114 Resp: 867781
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 16.4 0.0 32.0

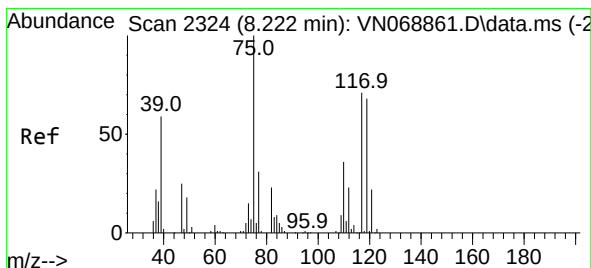
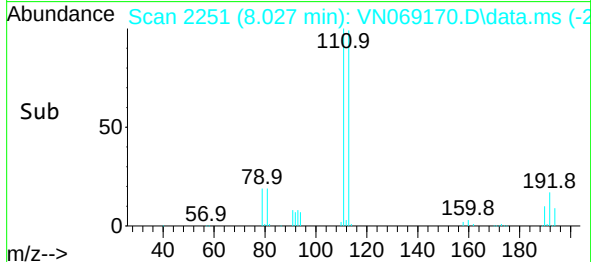
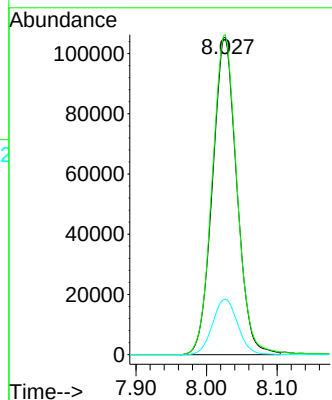
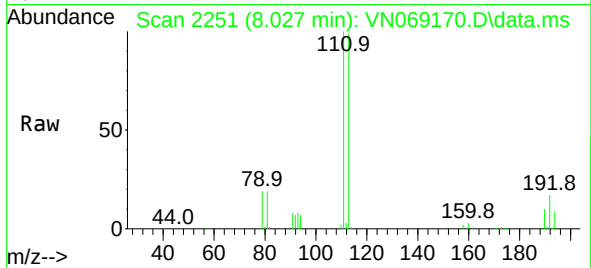




#35
Dibromofluoromethane
Concen: 50.072 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

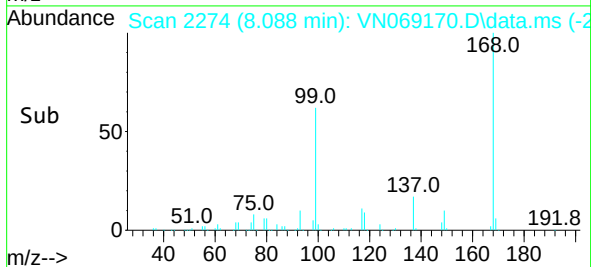
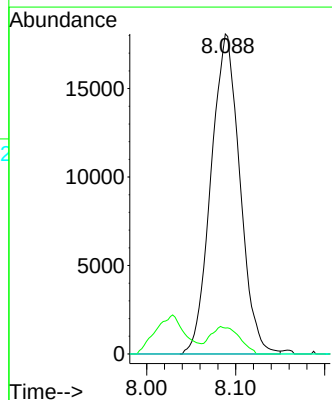
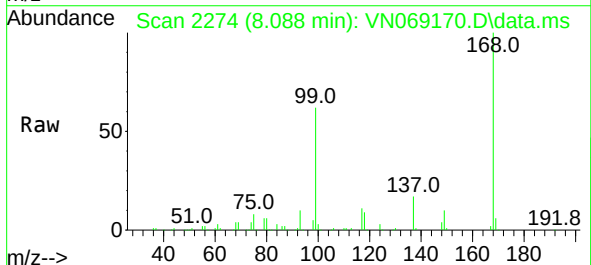
Instrument :
MSVOA_N
ClientSampled :

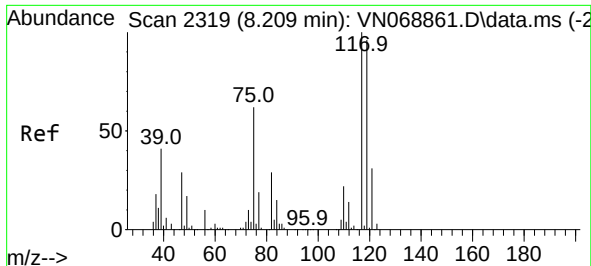
Tgt Ion:113 Resp: 252805
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 18.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.493 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

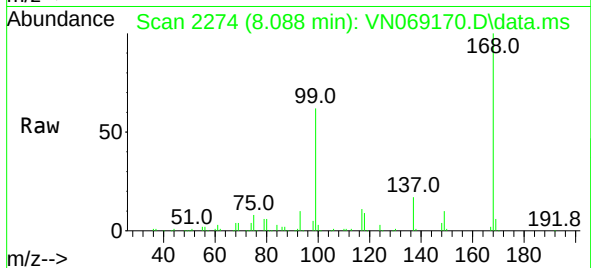
Tgt Ion: 75 Resp: 40716
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.7 37.1#



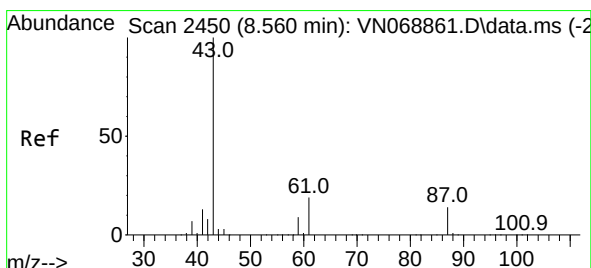
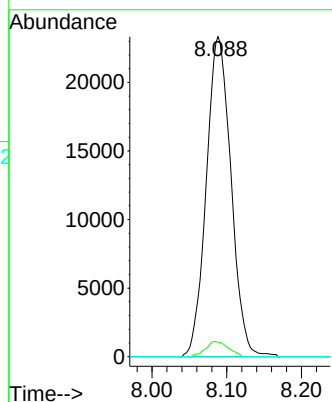
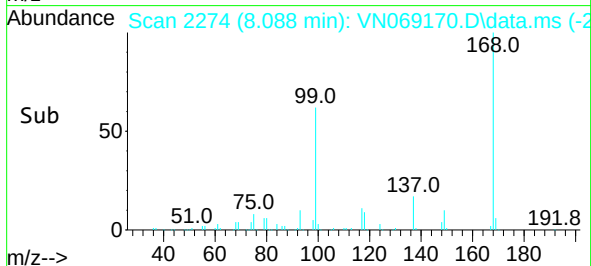


#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

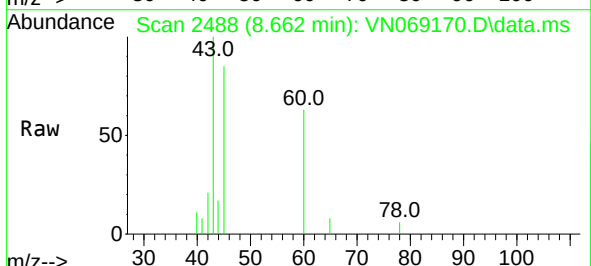
Instrument :
MSVOA_N
ClientSampled :



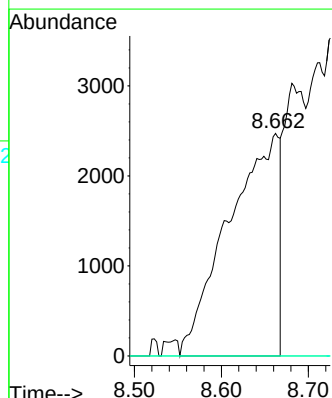
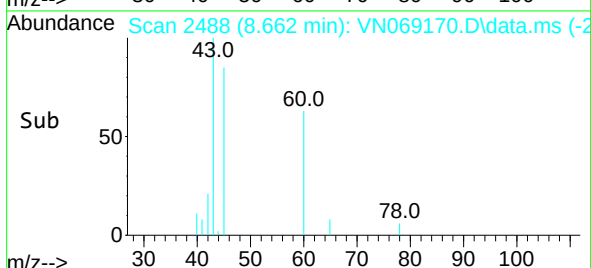
Tgt Ion:117 Resp: 53688
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 24.6 37.0#

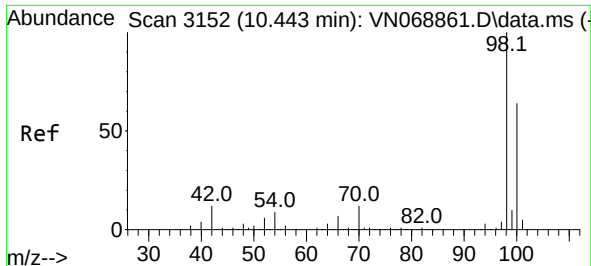


#43
Isopropyl Acetate
Concen: 0.742 ug/l
RT: 8.662 min Scan# 2488
Delta R.T. 0.102 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11



Tgt Ion: 43 Resp: 10026
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

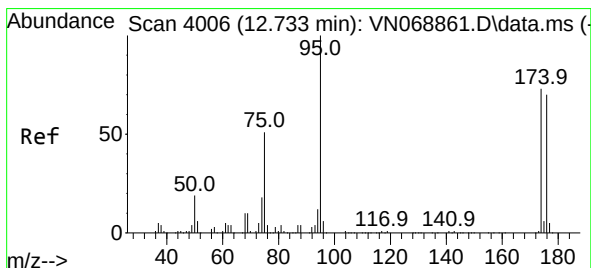
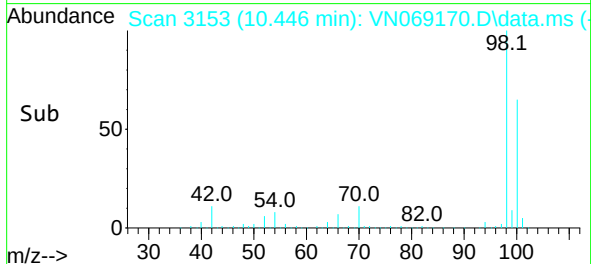
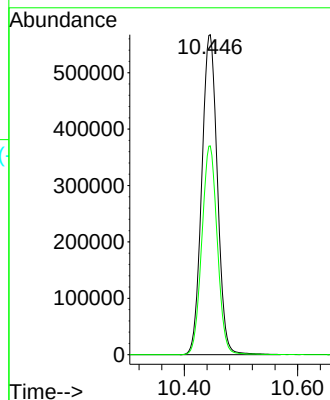
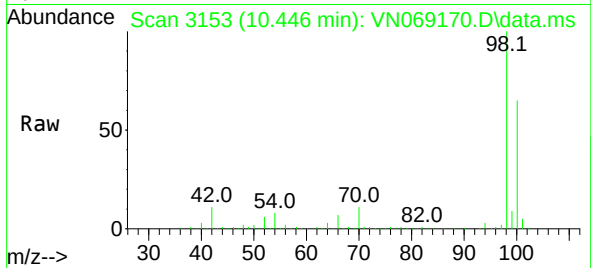




#50
Toluene-d8
Concen: 53.662 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

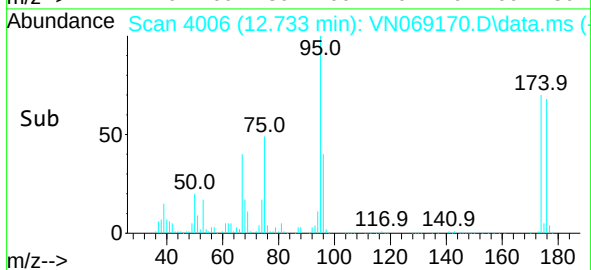
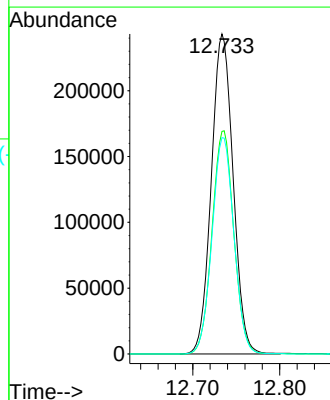
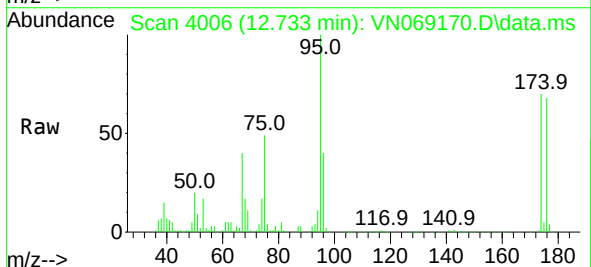
Instrument :
MSVOA_N
ClientSampled :

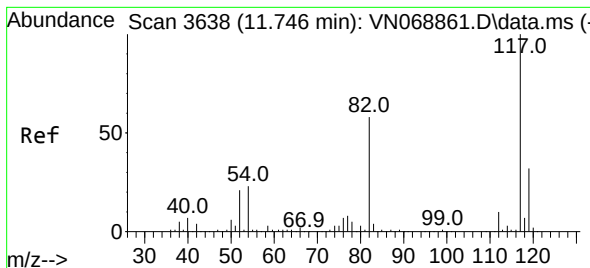
Tgt Ion: 98 Resp: 1084030
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 55.577 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

Tgt Ion: 95 Resp: 423593
Ion Ratio Lower Upper
95 100
174 69.6 0.0 144.8
176 67.9 0.0 140.0

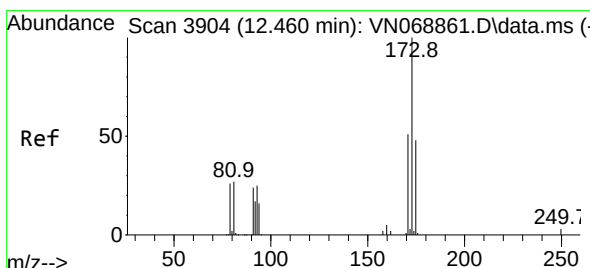
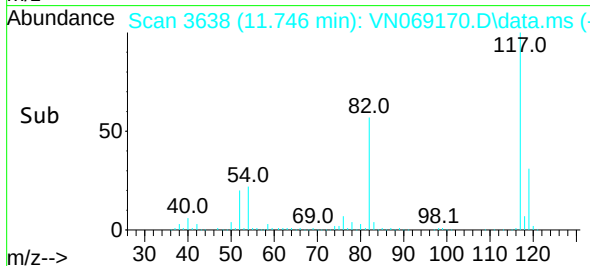
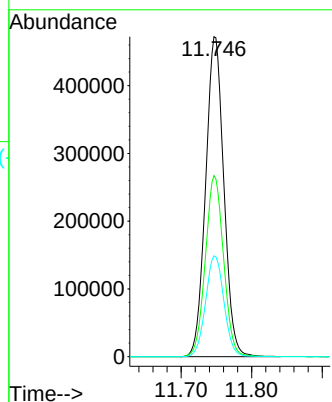
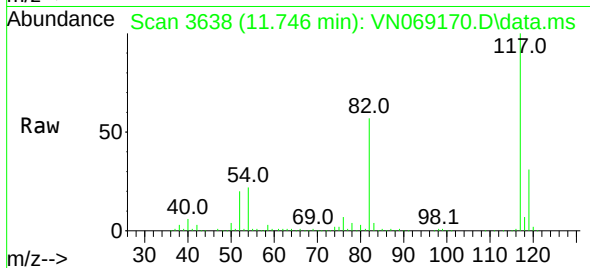




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

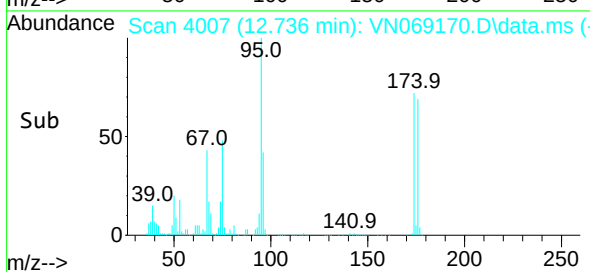
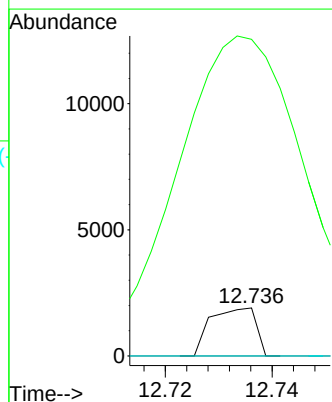
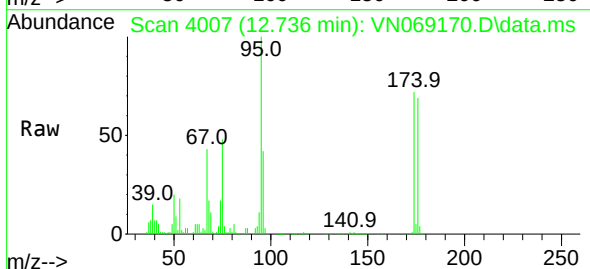
Instrument :
MSVOA_N
ClientSampleId :

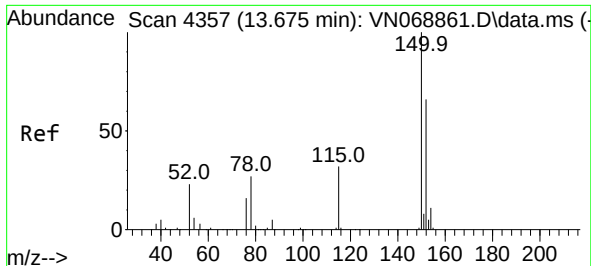
Tgt Ion:117 Resp: 845827
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.5 26.0 39.0



#71
Bromoform
Concen: 0.223 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

Tgt Ion:173 Resp: 1118
Ion Ratio Lower Upper
173 100
175 1815.9 23.8 71.5#
254 0.0 0.0 0.0

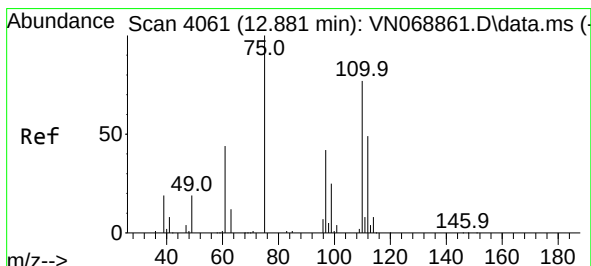
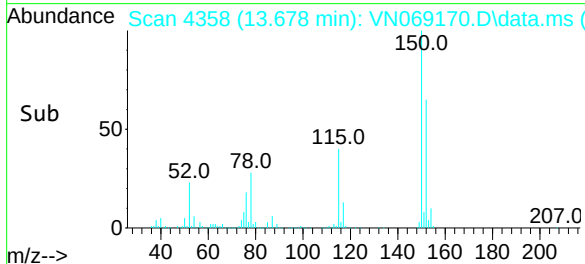
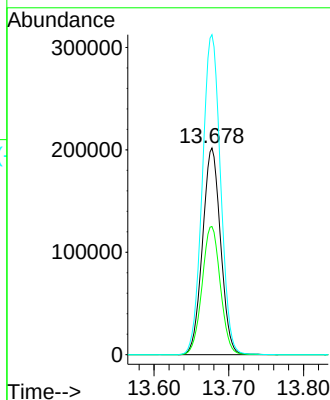
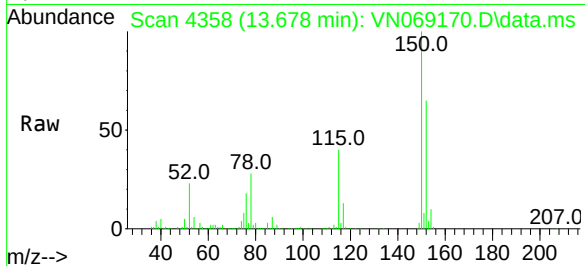




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

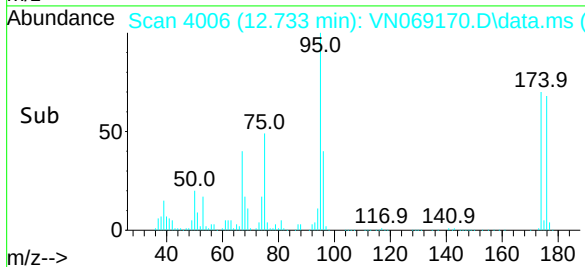
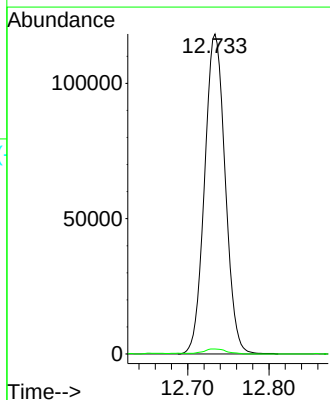
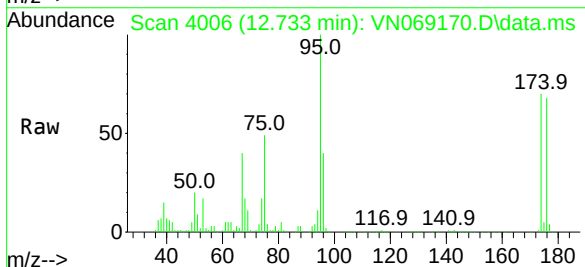
Instrument :
MSVOA_N
ClientSampleId :

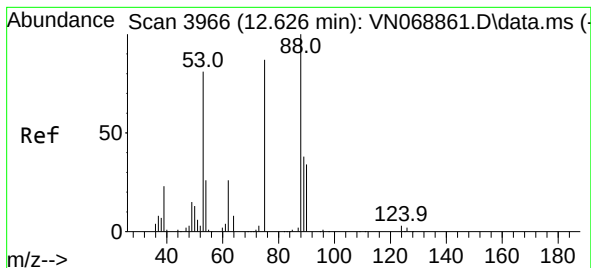
Tgt Ion:152 Resp: 338990
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.3
150 156.3 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 28.843 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

Tgt Ion: 75 Resp: 208036
Ion Ratio Lower Upper
75 100
77 1.8 96.2 288.4#

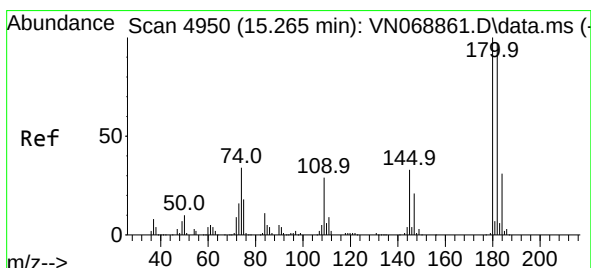
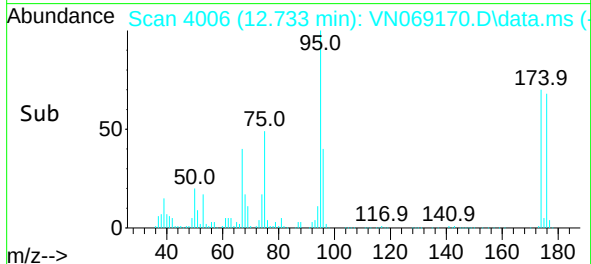
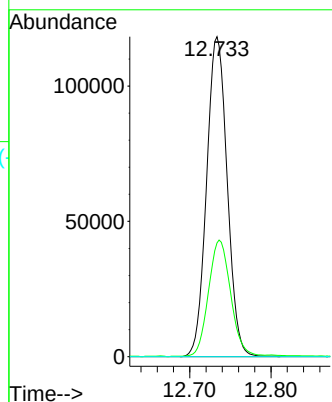
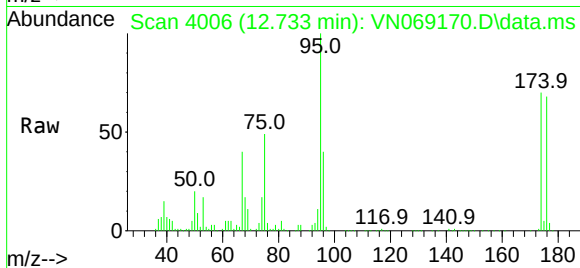




#81
trans-1,4-Dichloro-2-butene
Concen: 69.005 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

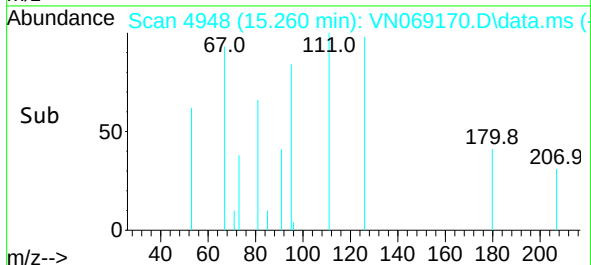
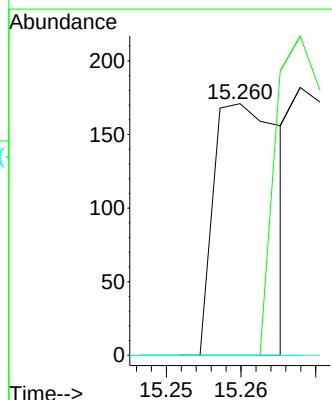
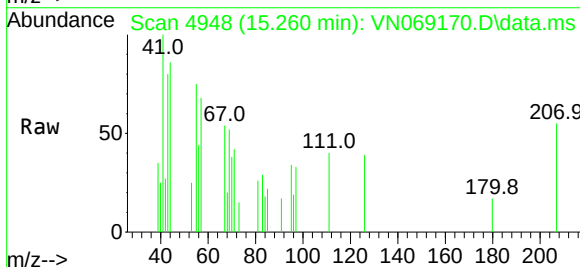
Instrument :
MSVOA_N
ClientSampled :

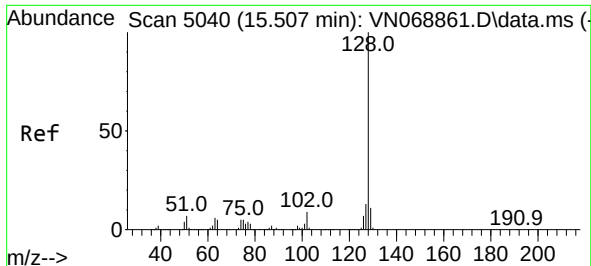
Tgt Ion: 75 Resp: 208036
Ion Ratio Lower Upper
75 100
53 39.6 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.619 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

Tgt Ion:180 Resp: 105
Ion Ratio Lower Upper
180 100
182 90.5 47.9 143.7
145 0.0 16.4 49.2#

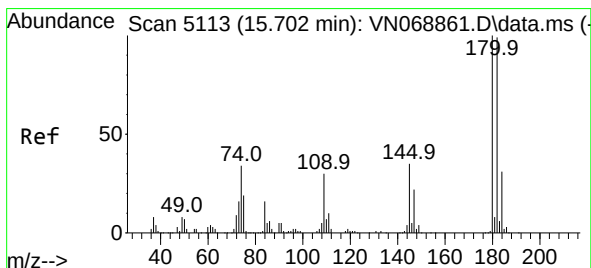
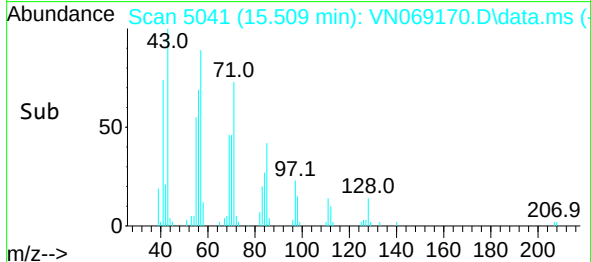
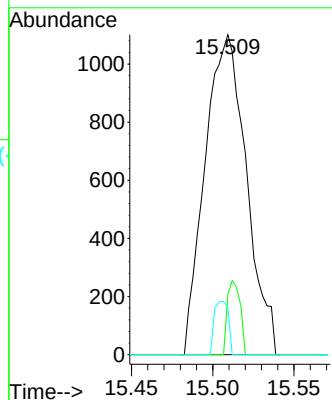
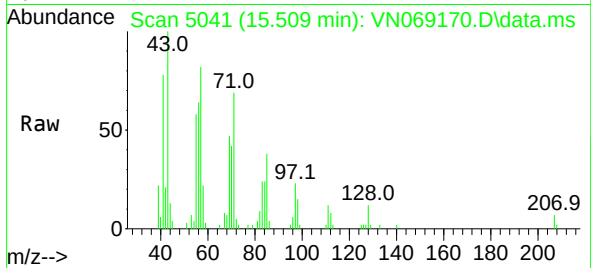




#95
Naphthalene
Concen: 3.926 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 1951
Ion Ratio Lower Upper
128 100
127 7.1 10.5 15.7#
129 5.7 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.523 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069170.D
Acq: 25 Oct 2021 23:11

Tgt Ion:180 Resp: 52
Ion Ratio Lower Upper
180 100
182 101.9 48.1 144.3
145 0.0 17.4 52.2#

