

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069206.D
 Acq On : 27 Oct 2021 00:44
 Operator : JC/MD
 Sample : M4337-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 09:26:00 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)

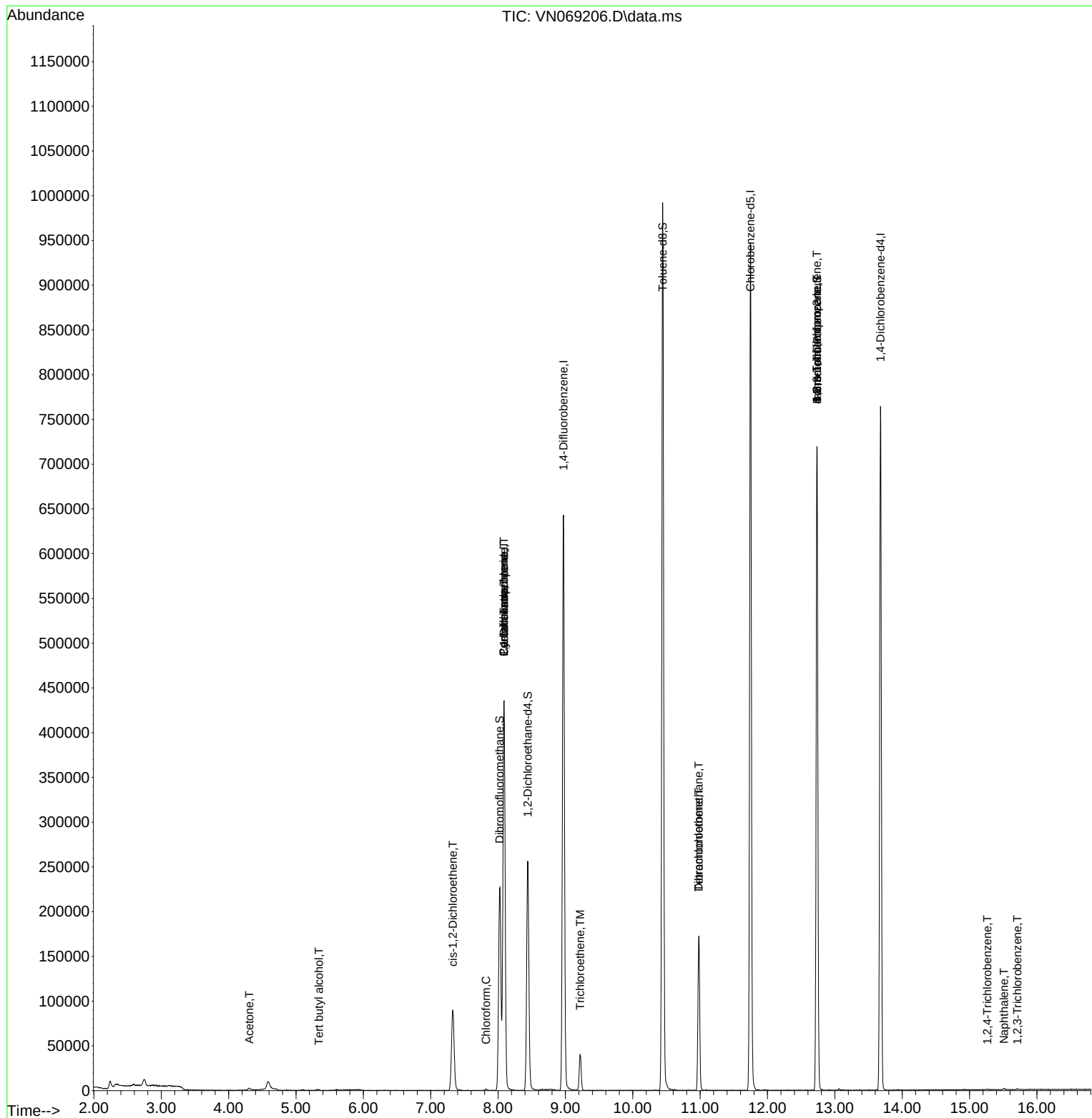
Internal Standards						
1) Pentafluorobenzene	8.088	168	329072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	574765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	554376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	206105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217299	50.084	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.160%			
35) Dibromofluoromethane	8.024	113	168843	50.491	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.980%			
50) Toluene-d8	10.443	98	718851	53.726	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.736	95	257498	51.009	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.020%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.342	59	275	0.347	ug/l #	72
16) Acetone	4.309	43	3991	2.465	ug/l #	84
27) cis-1,2-Dichloroethene	7.329	96	52554	12.656	ug/l	88
30) Chloroform	7.820	83	1767	0.260	ug/l #	83
31) Cyclohexane	8.088	56	7823	1.160	ug/l #	7
36) 1,1-Dichloropropene	8.088	75	27014	5.503	ug/l #	50
38) Carbon Tetrachloride	8.088	117	34697	6.435	ug/l #	15
44) Trichloroethene	9.217	130	14954	3.997	ug/l	98
60) Dibromochloromethane	10.979	129	38440	8.981	ug/l #	10
64) Tetrachloroethene	10.979	164	39019	10.926	ug/l	98
71) Bromoform	12.736	173	2494	0.758	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	137295	31.308	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	137295	74.902	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.263	180	248	2.669	ug/l #	56
95) Naphthalene	15.509	128	1928	3.998	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.708	180	481	2.652	ug/l #	45

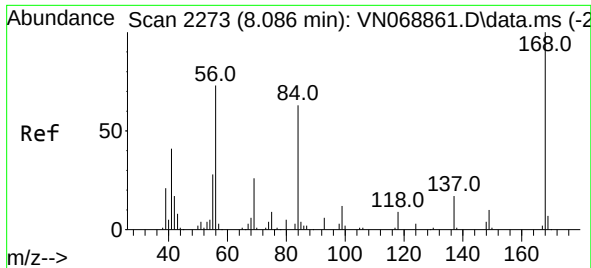
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
Data File : VN069206.D
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

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Quant Time: Oct 27 09:26:00 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

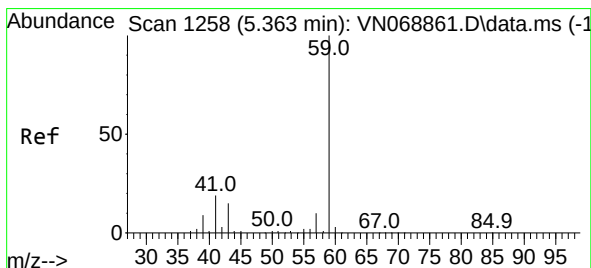
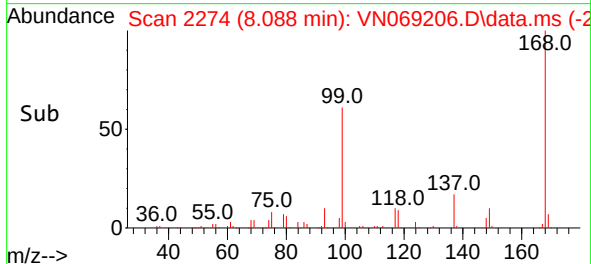
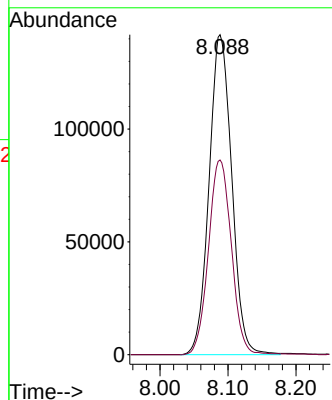
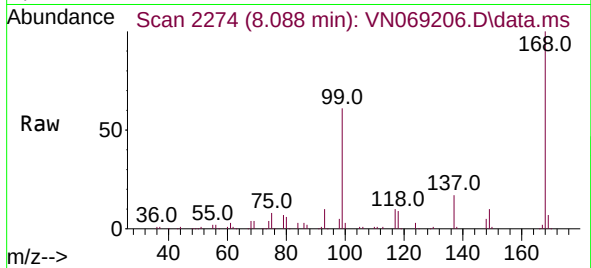




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

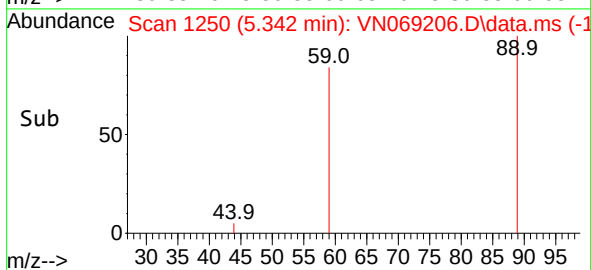
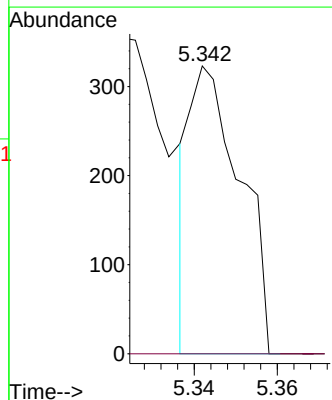
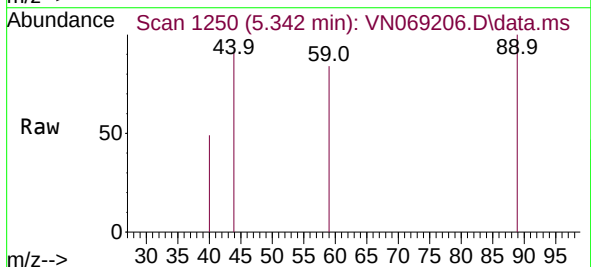
Instrument :
MSVOA_N
ClientSampled :

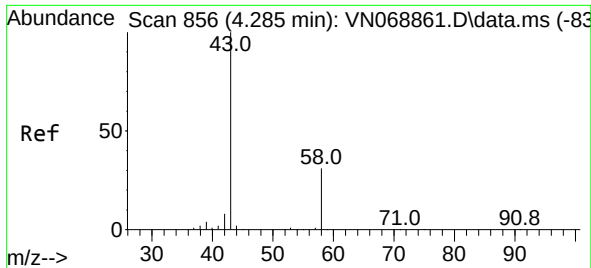
Tgt Ion:168 Resp: 329072
Ion Ratio Lower Upper
168 100
99 60.8 48.9 73.3



#11
Tert butyl alcohol
Concen: 0.347 ug/l
RT: 5.342 min Scan# 1250
Delta R.T. -0.021 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

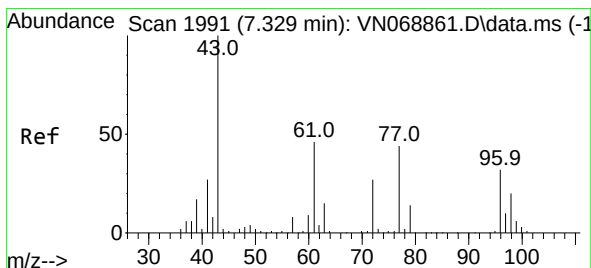
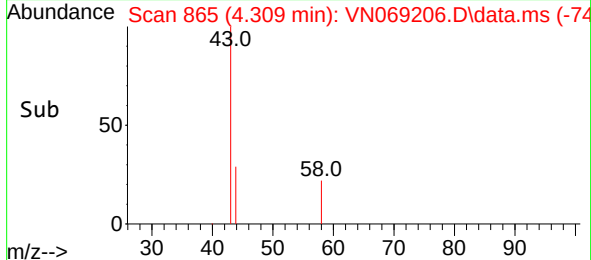
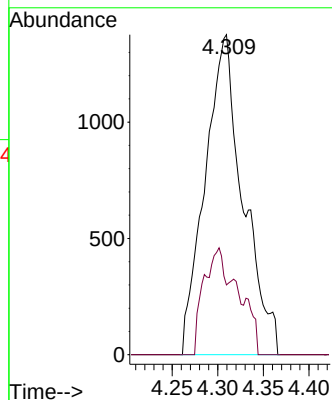
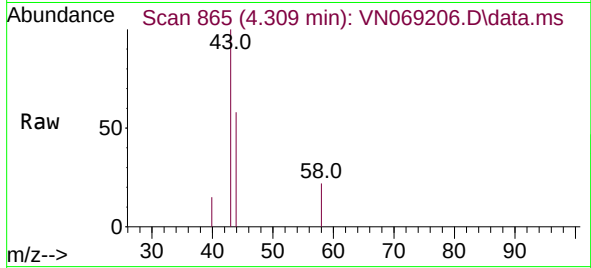




#16
Acetone
Concen: 2.465 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

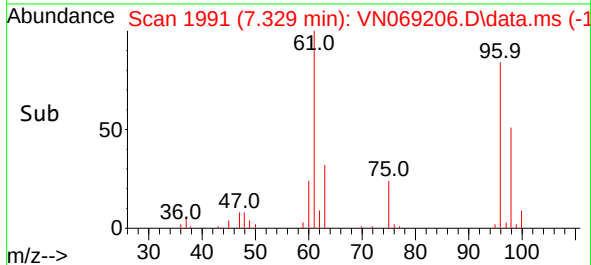
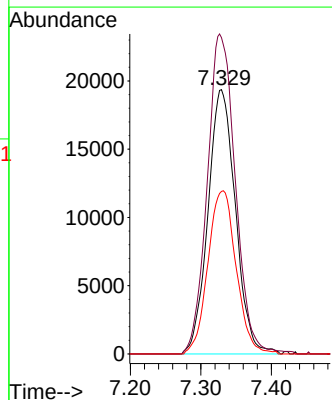
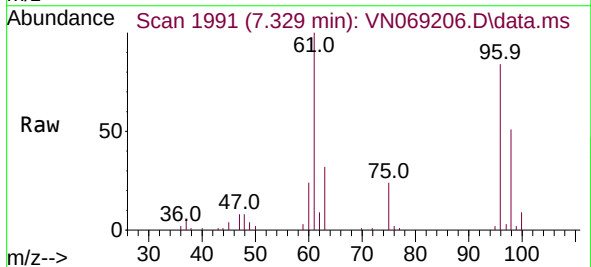
Instrument :
MSVOA_N
ClientSampled :

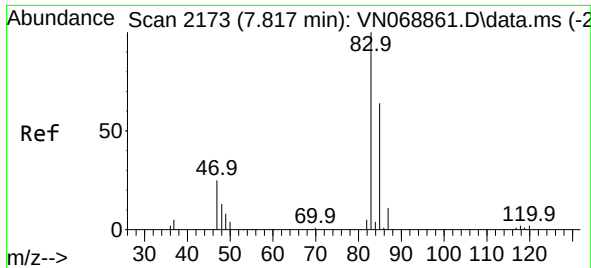
Tgt Ion: 43 Resp: 3991
Ion Ratio Lower Upper
43 100
58 21.8 24.5 36.7#



#27
cis-1,2-Dichloroethene
Concen: 12.656 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

Tgt Ion: 96 Resp: 52554
Ion Ratio Lower Upper
96 100
61 123.8 0.0 290.6
98 63.4 0.0 127.2

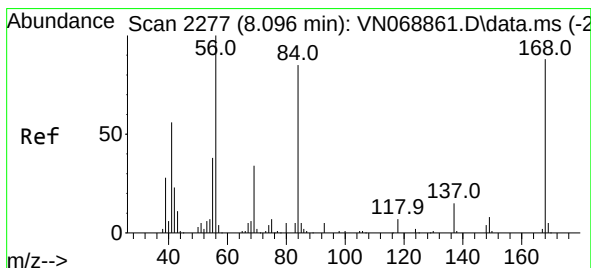
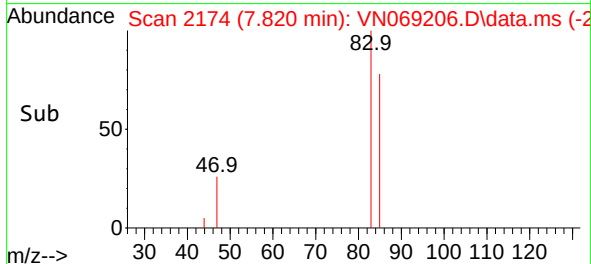
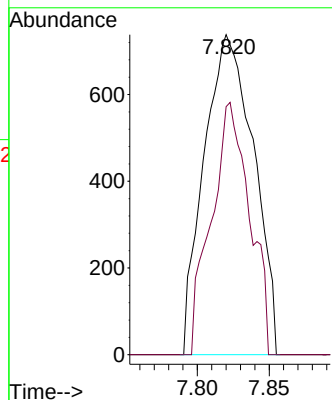
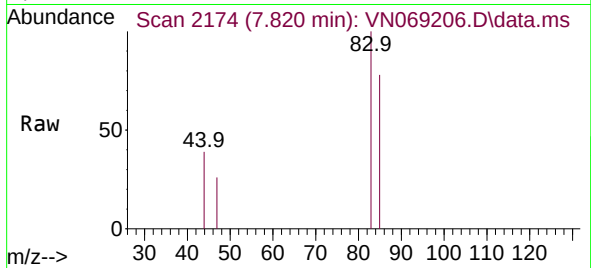




#30
Chloroform
Concen: 0.260 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

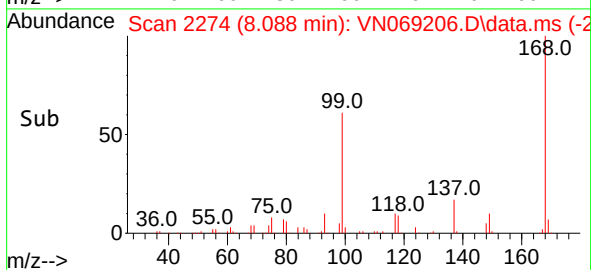
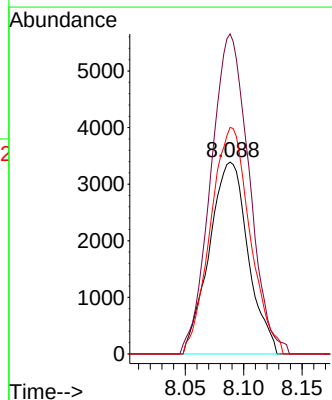
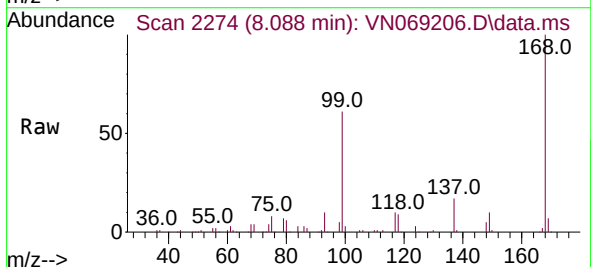
Instrument :
MSVOA_N
ClientSampled :

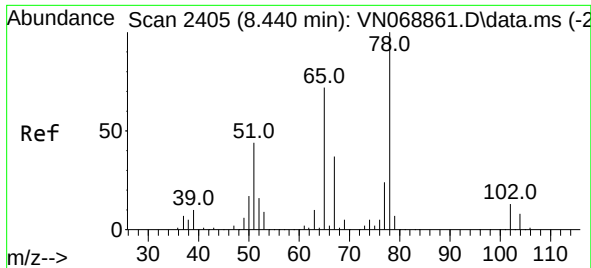
Tgt Ion: 83 Resp: 1767
Ion Ratio Lower Upper
83 100
85 77.5 51.1 76.7#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

Tgt Ion: 56 Resp: 7823
Ion Ratio Lower Upper
56 100
69 166.8 26.9 40.3#
84 118.1 67.6 101.4#

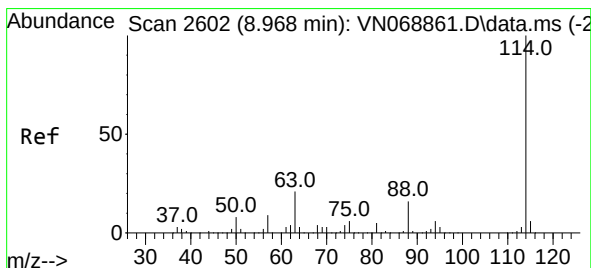
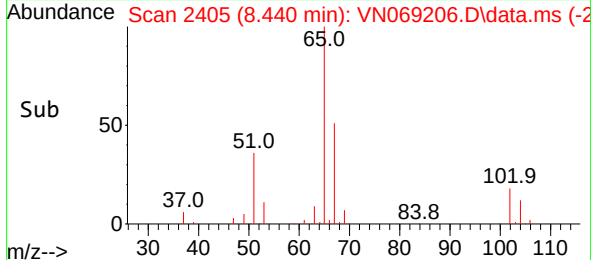
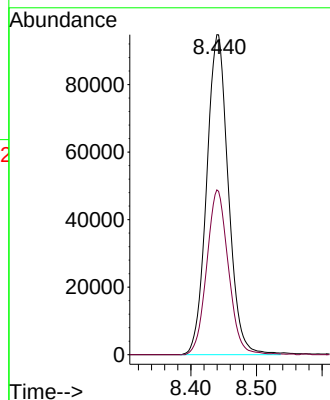
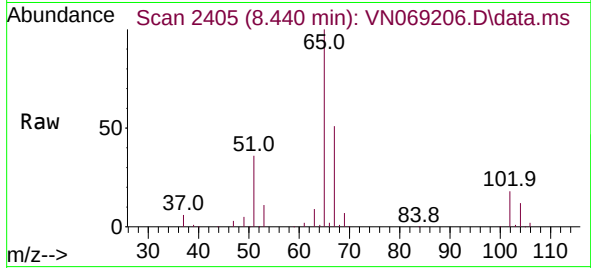




#33
 1,2-Dichloroethane-d4
 Concen: 50.084 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069206.D
 Acq: 27 Oct 2021 00:44

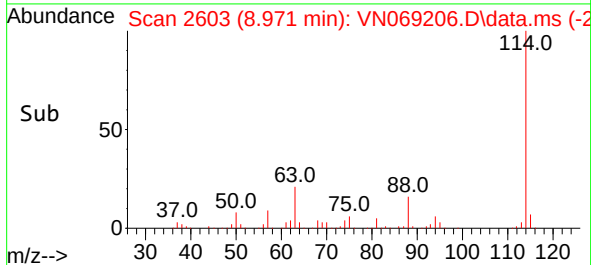
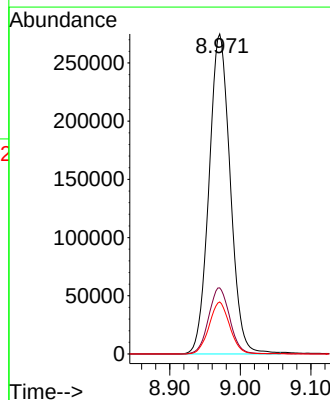
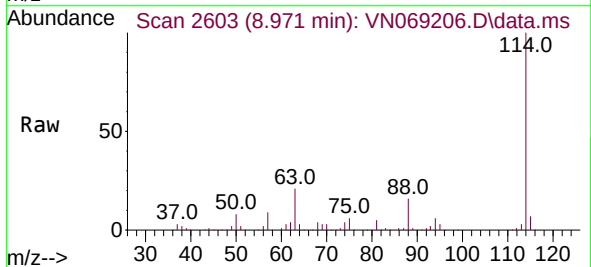
Instrument :
 MSVOA_N
 ClientSampled :

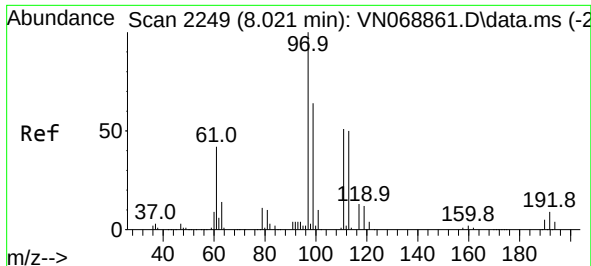
Tgt Ion: 65 Resp: 217299
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069206.D
 Acq: 27 Oct 2021 00:44

Tgt Ion: 114 Resp: 574765
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 16.2 0.0 32.0

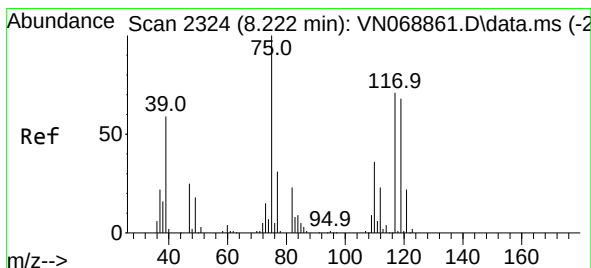
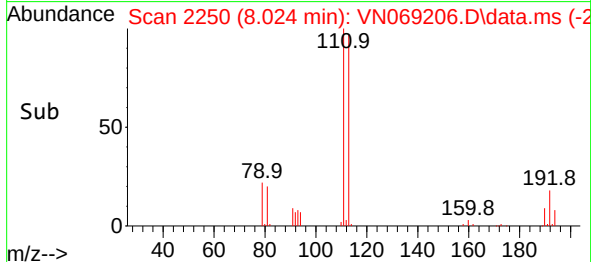
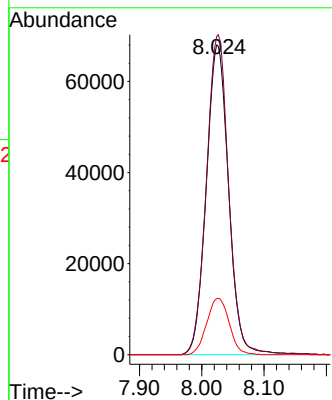
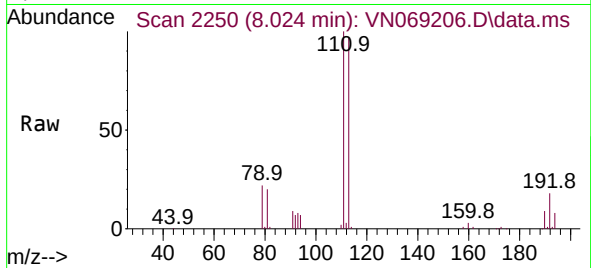




#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

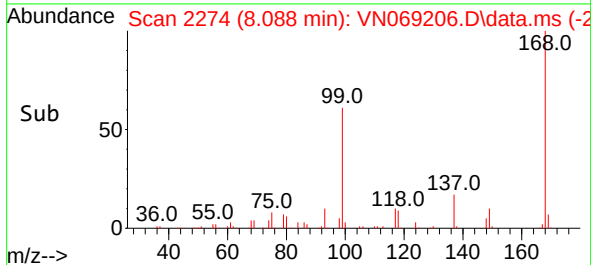
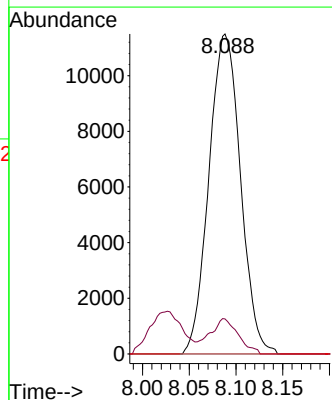
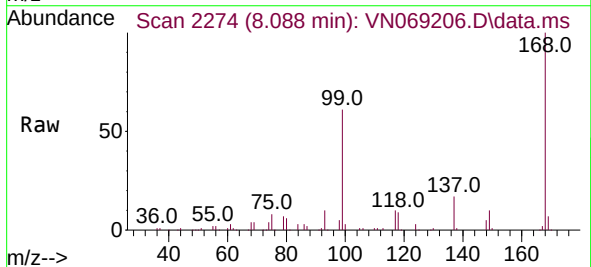
Instrument :
MSVOA_N
ClientSampled :

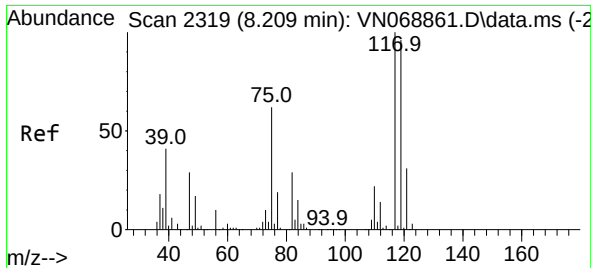
Tgt Ion:113 Resp: 168843
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 18.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.503 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

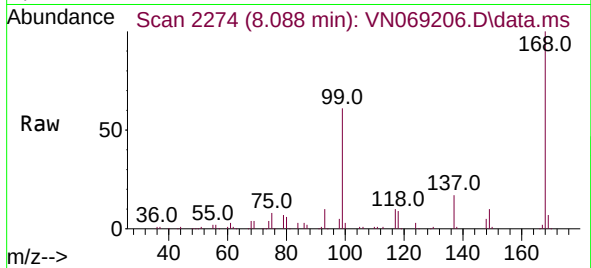
Tgt Ion: 75 Resp: 27014
Ion Ratio Lower Upper
75 100
110 9.9 17.9 53.8#
77 0.0 24.7 37.1#



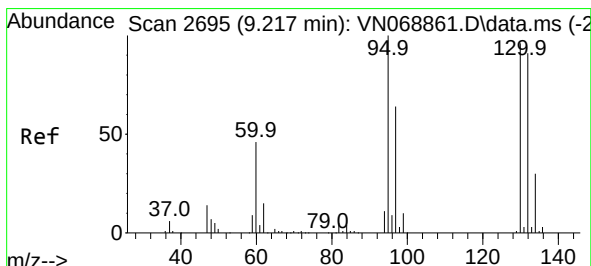
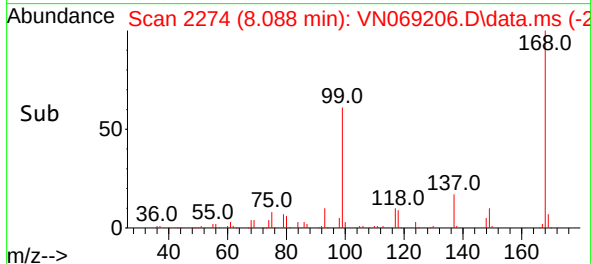
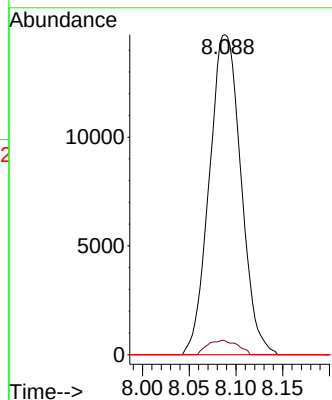


#38
Carbon Tetrachloride
Concen: 6.435 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

Instrument :
MSVOA_N
ClientSampleId :

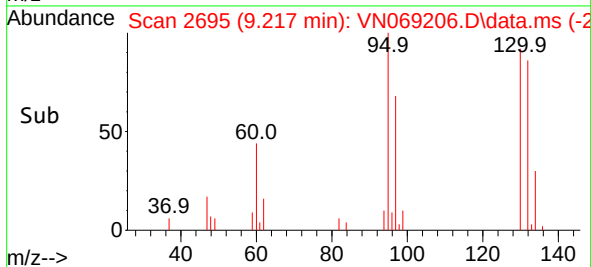
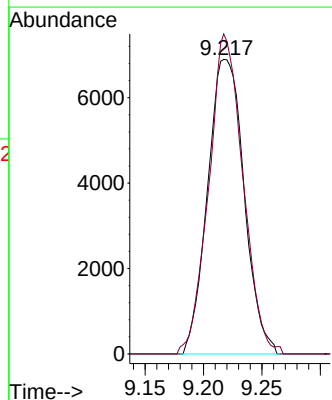
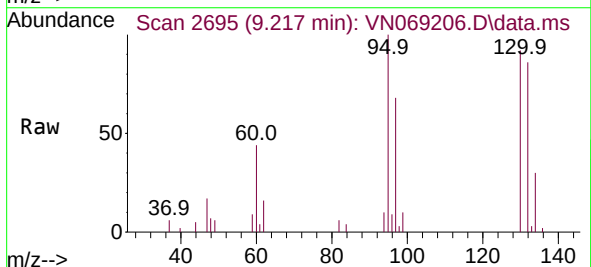


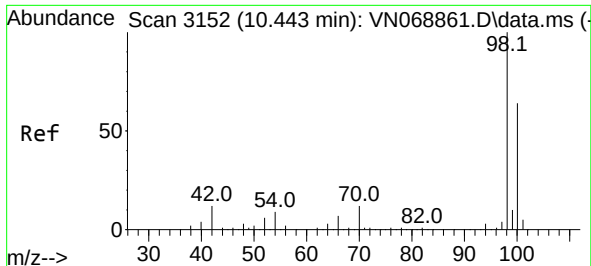
Tgt Ion:117 Resp: 34697
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 3.997 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

Tgt Ion:130 Resp: 14954
Ion Ratio Lower Upper
130 100
95 106.4 0.0 208.0

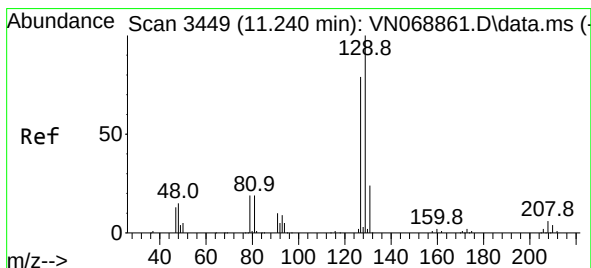
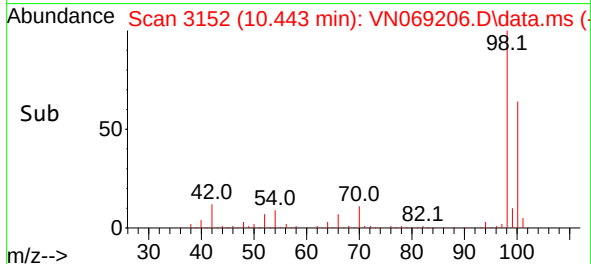
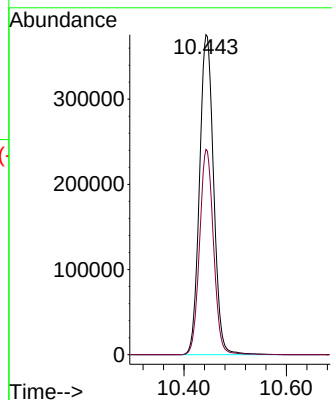
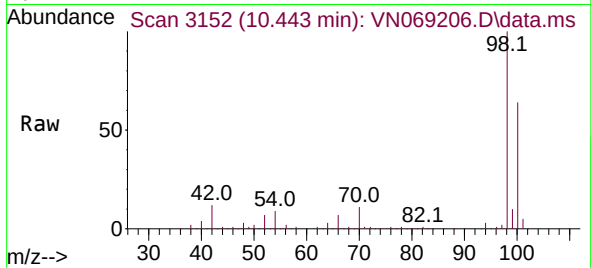




#50
Toluene-d8
Concen: 53.726 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

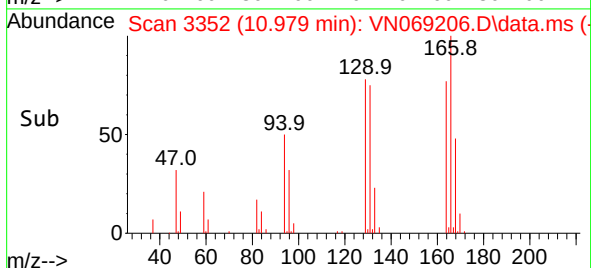
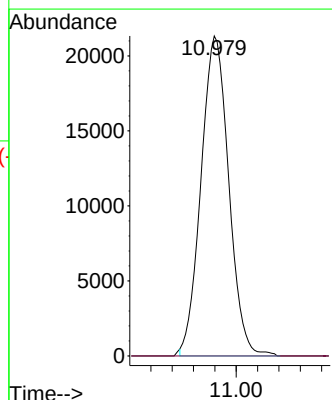
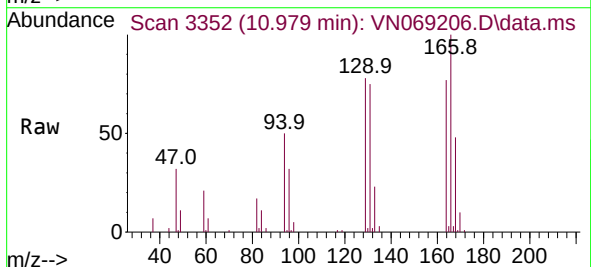
Instrument :
MSVOA_N
ClientSampled :

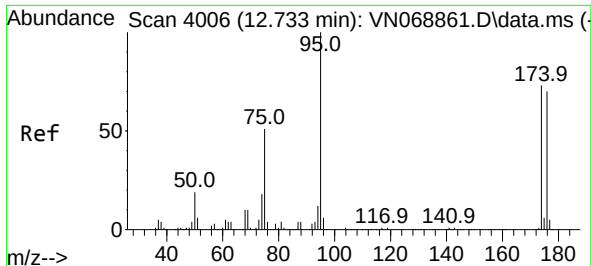
Tgt Ion: 98 Resp: 718851
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#60
Dibromochloromethane
Concen: 8.981 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.260 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

Tgt Ion:129 Resp: 38440
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

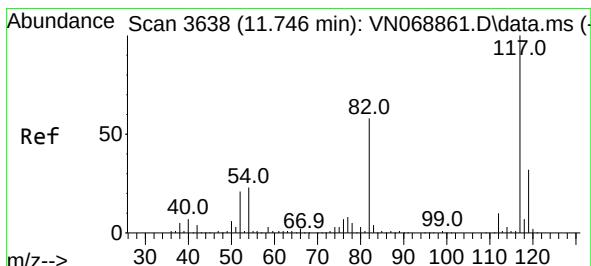
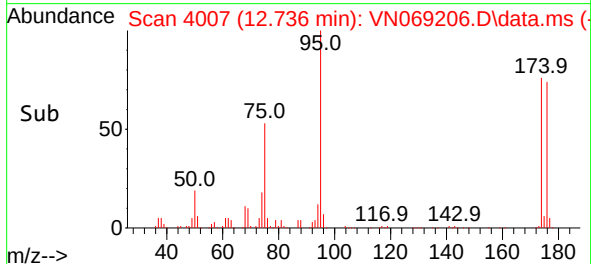
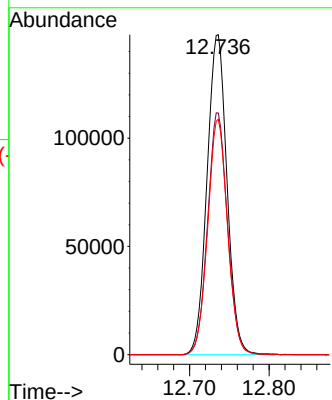
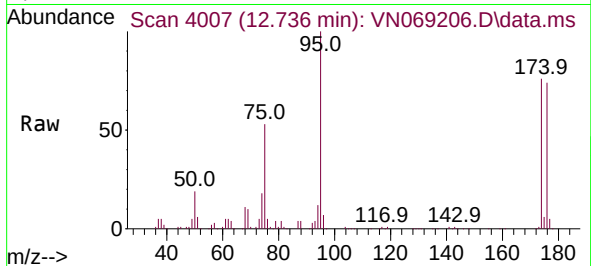




#62
4-Bromofluorobenzene
Concen: 51.009 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

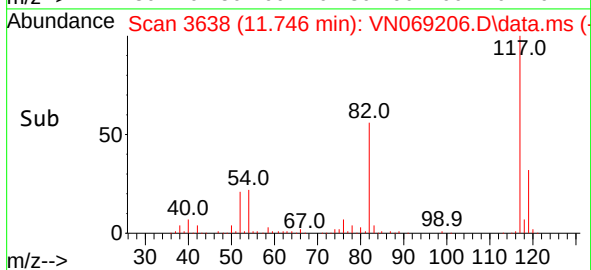
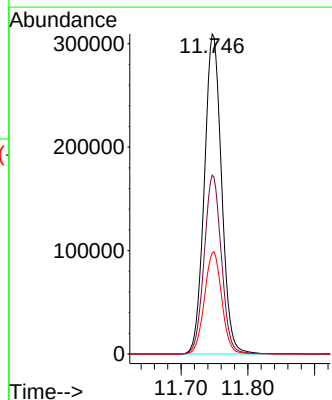
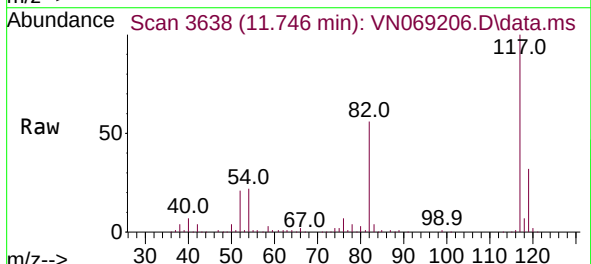
Instrument :
MSVOA_N
ClientSampled :

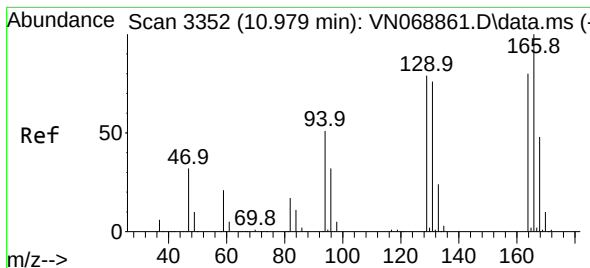
Tgt Ion: 95 Resp: 257498
Ion Ratio Lower Upper
95 100
174 75.4 0.0 144.8
176 73.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

Tgt Ion: 117 Resp: 554376
Ion Ratio Lower Upper
117 100
82 55.9 46.4 69.6
119 31.6 26.0 39.0





#64

Tetrachloroethene

Concen: 10.926 ug/l

RT: 10.979 min Scan# 3352

Delta R.T. -0.000 min

Lab File: VN069206.D

Acq: 27 Oct 2021 00:44

Tgt Ion:164 Resp: 39019

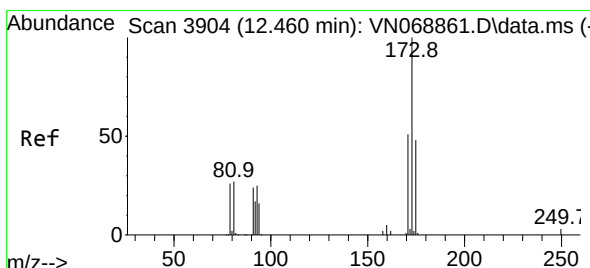
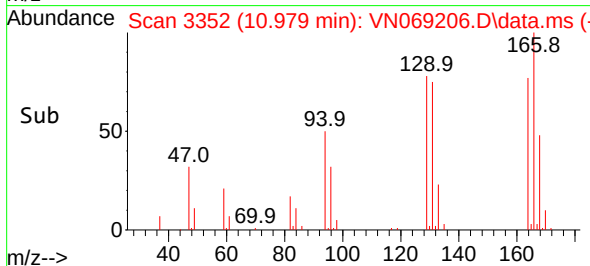
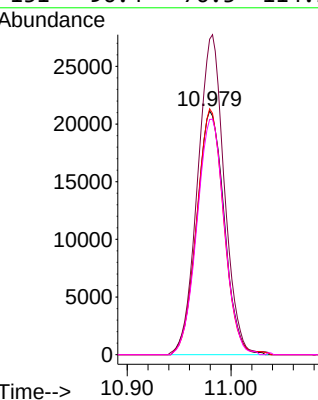
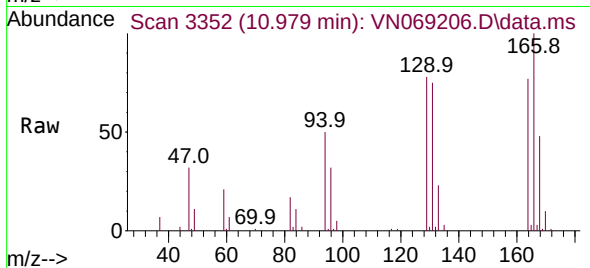
Ion Ratio Lower Upper

164 100

166 129.4 99.8 149.8

129 100.8 79.2 118.8

131 96.4 76.3 114.5



#71

Bromoform

Concen: 0.758 ug/l

RT: 12.736 min Scan# 4007

Delta R.T. 0.276 min

Lab File: VN069206.D

Acq: 27 Oct 2021 00:44

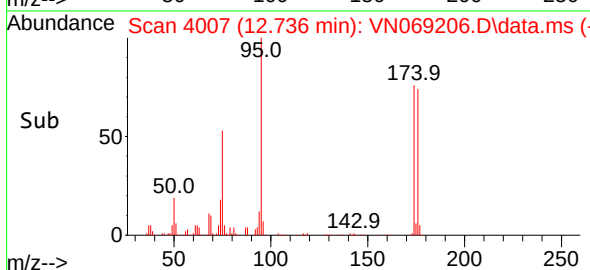
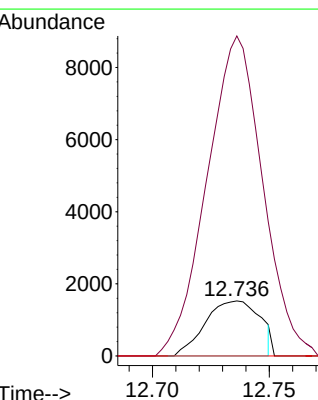
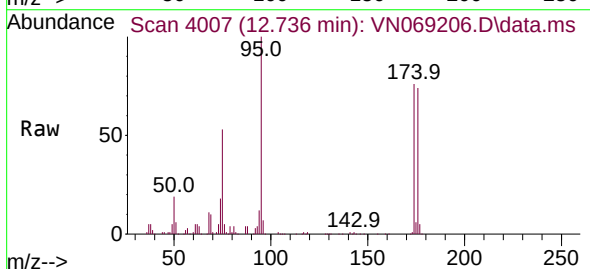
Tgt Ion:173 Resp: 2494

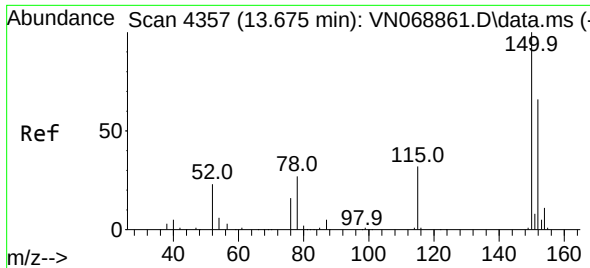
Ion Ratio Lower Upper

173 100

175 540.9 23.8 71.5#

254 0.0 0.0 0.0

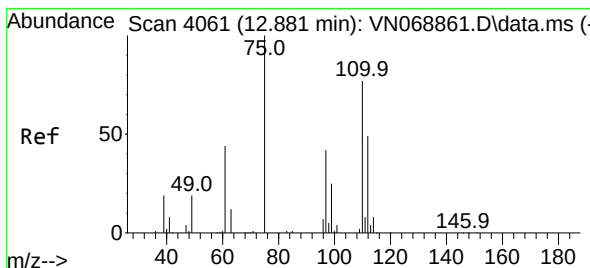
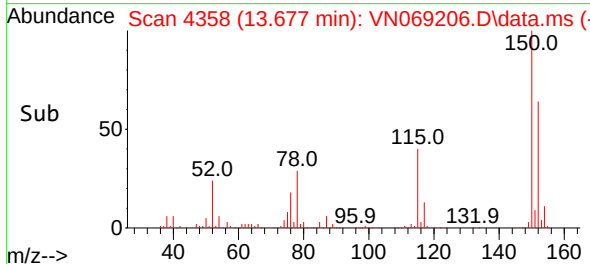
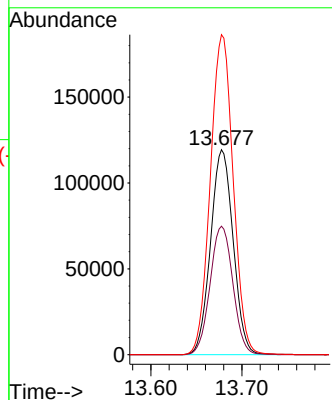
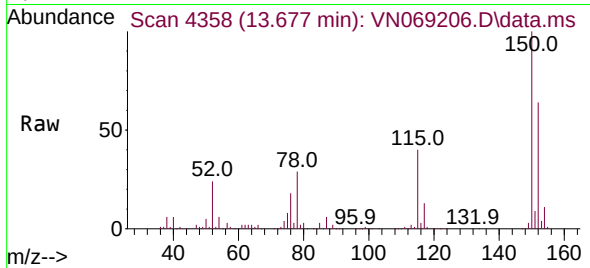




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069206.D
 Acq: 27 Oct 2021 00:44

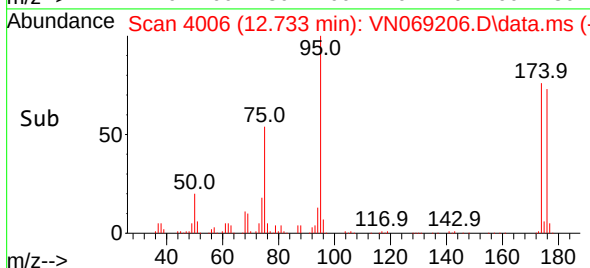
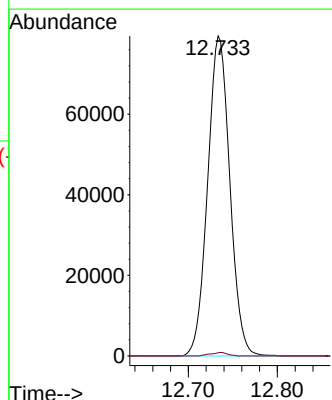
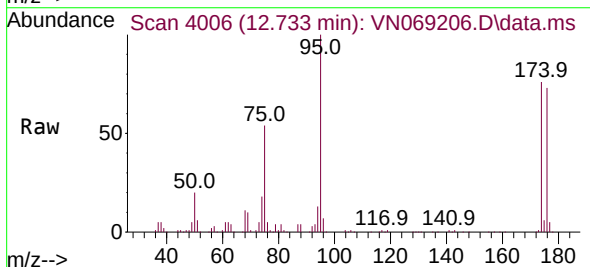
Instrument :
 MSVOA_N
 ClientSampled :

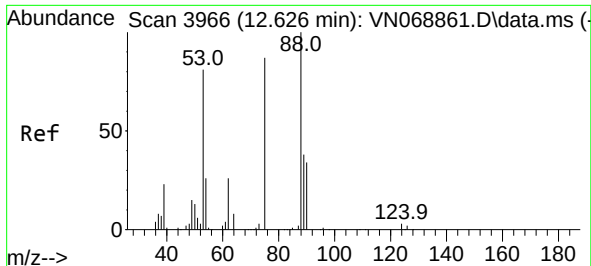
Tgt Ion:152 Resp: 206105
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.3
 150 157.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.308 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069206.D
 Acq: 27 Oct 2021 00:44

Tgt Ion: 75 Resp: 137295
 Ion Ratio Lower Upper
 75 100
 77 0.8 96.2 288.4#

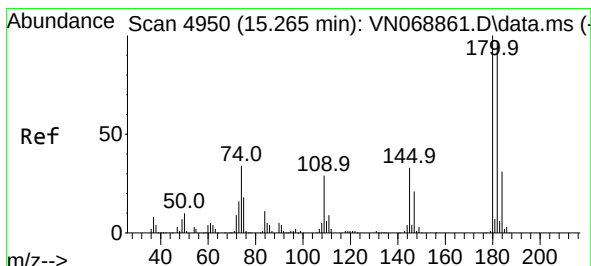
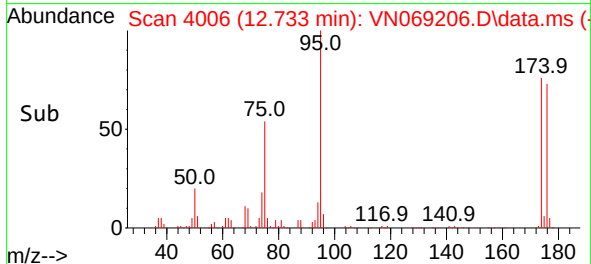
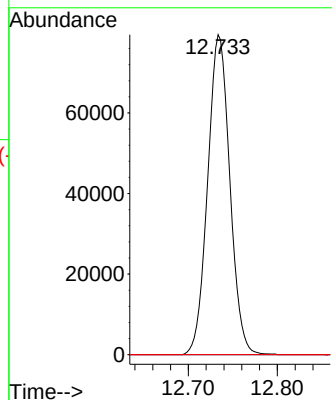
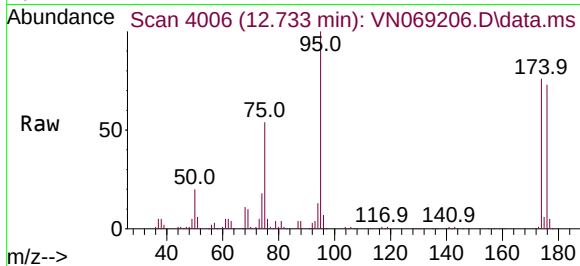




#81
trans-1,4-Dichloro-2-butene
Concen: 74.902 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

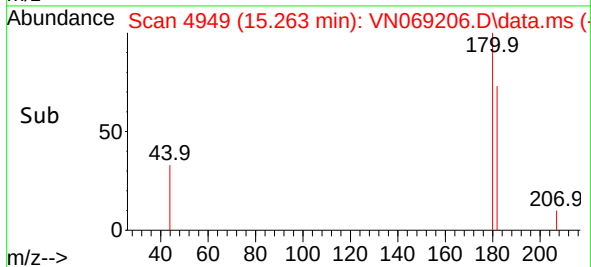
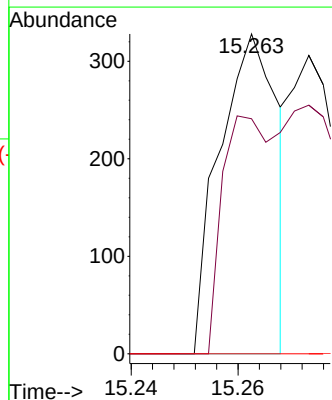
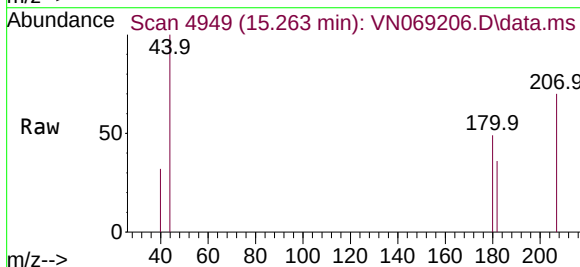
Instrument :
MSVOA_N
ClientSampled :

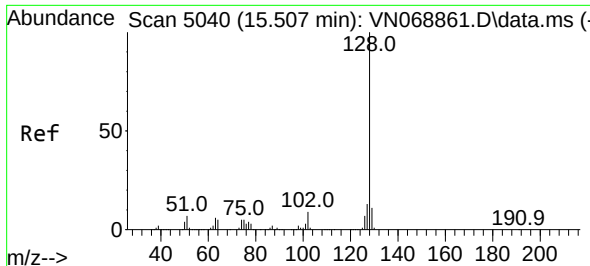
Tgt Ion: 75 Resp: 137295
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.669 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

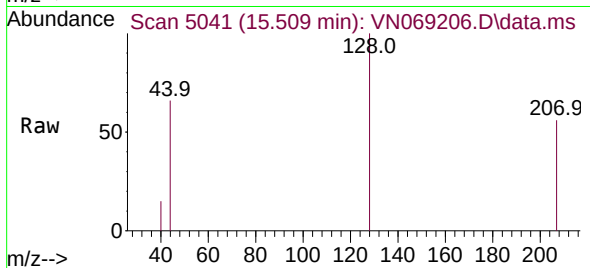
Tgt Ion:180 Resp: 248
Ion Ratio Lower Upper
180 100
182 57.7 47.9 143.7
145 0.0 16.4 49.2#



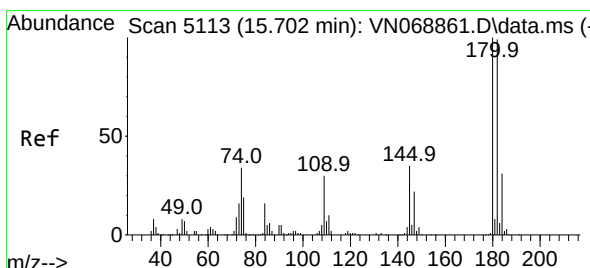
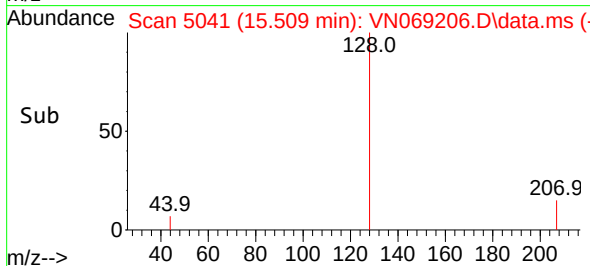
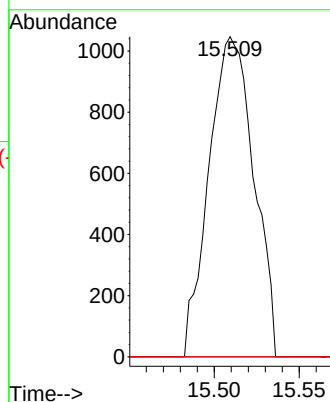


#95
Naphthalene
Concen: 3.998 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:128 Resp: 1928
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.652 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN069206.D
Acq: 27 Oct 2021 00:44

Tgt Ion:180 Resp: 481
Ion Ratio Lower Upper
180 100
182 44.3 48.1 144.3#
145 0.0 17.4 52.2#

