

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069227.D
 Acq On : 27 Oct 2021 18:53
 Operator : JC/MD
 Sample : M4338-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:22:41 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)

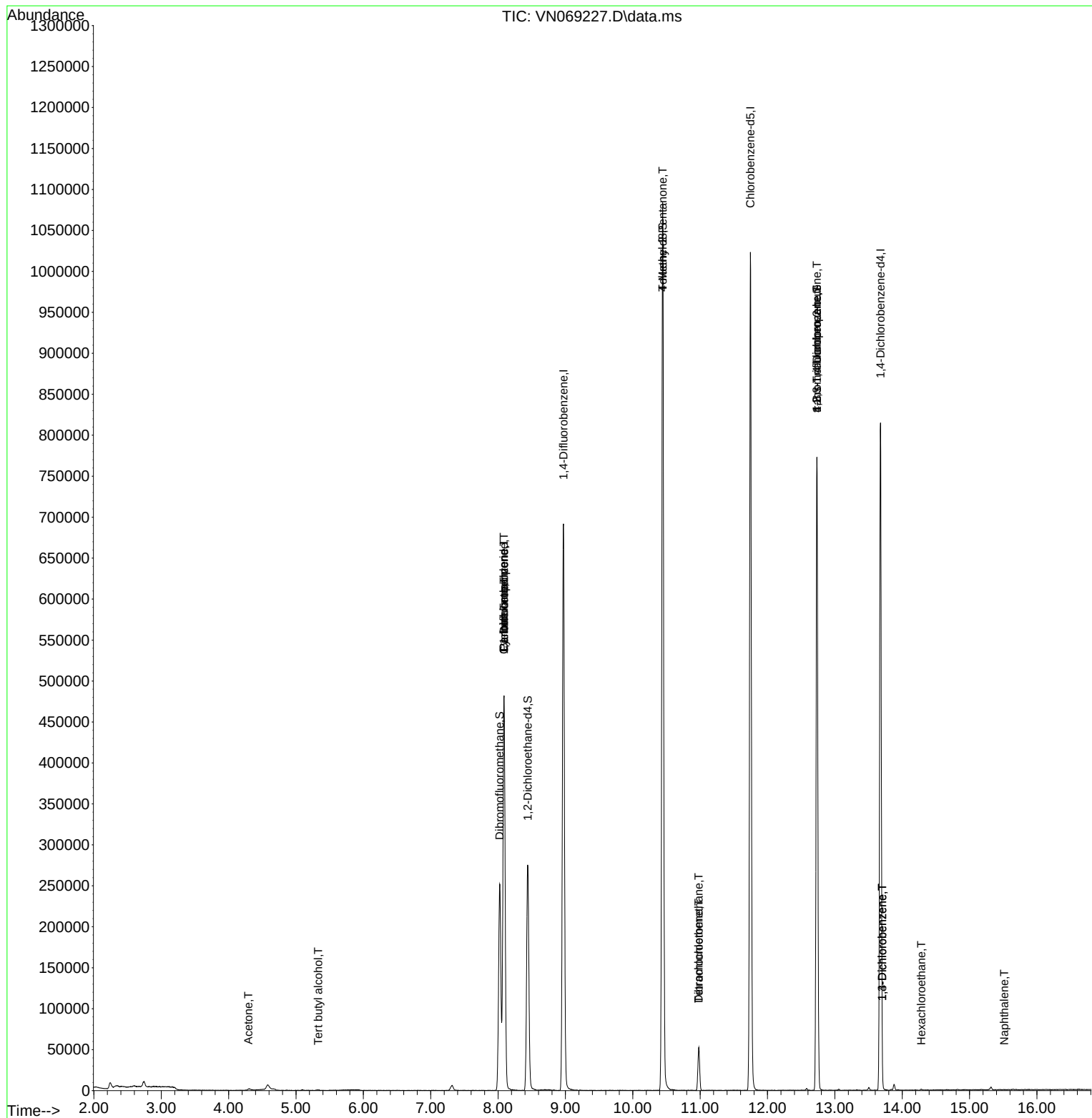
Internal Standards						
1) Pentafluorobenzene	8.088	168	361732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	628984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	598762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	219843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	240148	50.353	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.700%			
35) Dibromofluoromethane	8.024	113	183154	50.049	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.100%			
50) Toluene-d8	10.443	98	779406	53.230	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.734	95	275944	49.951	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.900%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.331	59	296	0.340	ug/l #	72
16) Acetone	4.293	43	1508	0.847	ug/l	89
31) Cyclohexane	8.086	56	8111	1.094	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	30340	5.647	ug/l #	49
38) Carbon Tetrachloride	8.088	117	37784	6.404	ug/l #	15
51) 4-Methyl-2-Pentanone	10.443	43	3348	0.590	ug/l #	1
60) Dibromochloromethane	10.980	129	12267	2.619	ug/l #	10
64) Tetrachloroethene	10.980	164	11846	3.071	ug/l	96
76) 1,2,3-Trichloropropane	12.734	75	145457	31.096	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	145457	74.396	ug/l #	12
87) 1,3-Dichlorobenzene	13.704	146	1434	0.205	ug/l #	24
88) 1,4-Dichlorobenzene	13.704	146	1434	0.206	ug/l #	24
90) Hexachloroethane	14.281	117	906	0.293	ug/l #	12
95) Naphthalene	15.515	128	78	3.819	ug/l #	69

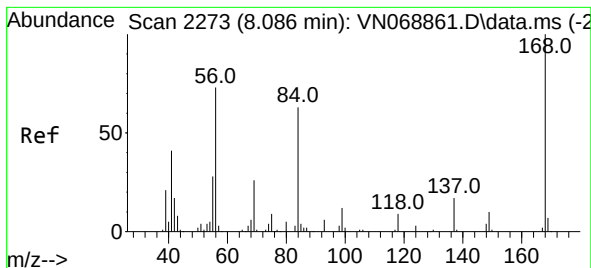
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
Data File : VN069227.D
Acq On : 27 Oct 2021 18:53
Operator : JC/MD
Sample : M4338-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 28 05:22:41 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

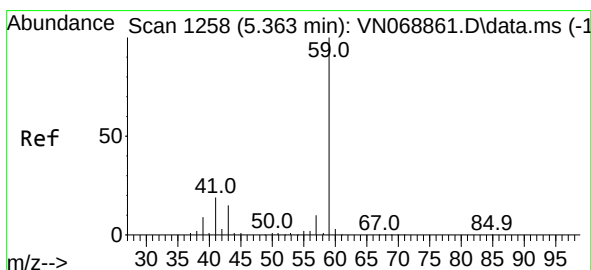
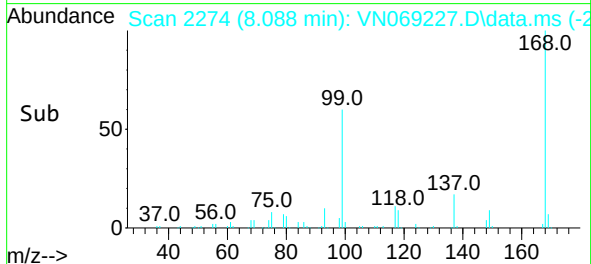
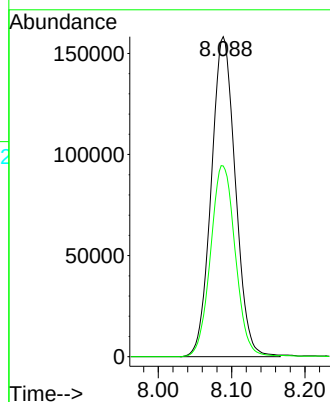
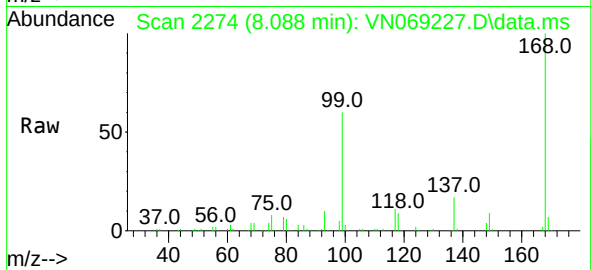




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

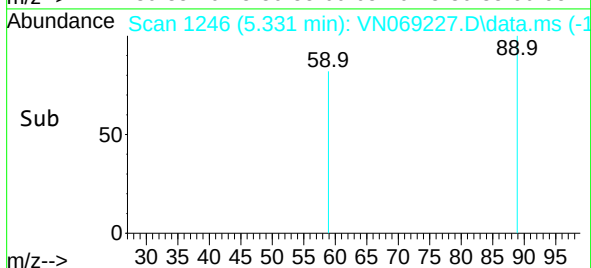
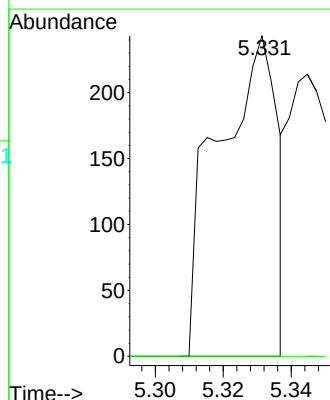
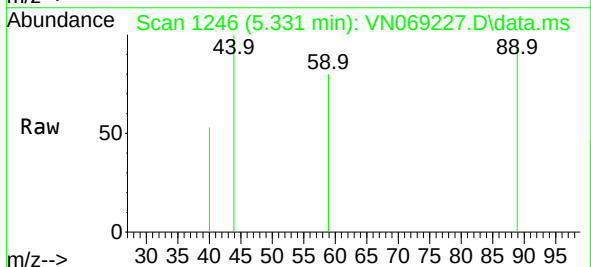
Instrument :
MSVOA_N
ClientSampleId :

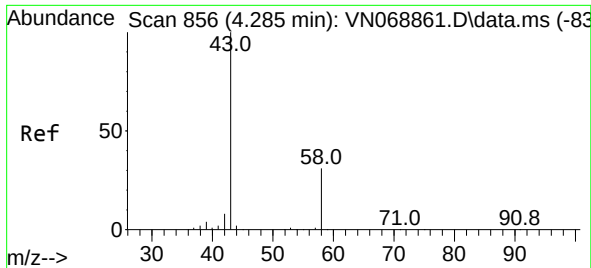
Tgt Ion:168 Resp: 361732
Ion Ratio Lower Upper
168 100
99 59.6 48.9 73.3



#11
Tert butyl alcohol
Concen: 0.340 ug/l
RT: 5.331 min Scan# 1246
Delta R.T. -0.032 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

Tgt Ion: 59 Resp: 296
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

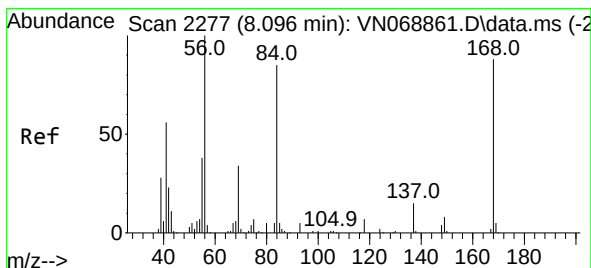
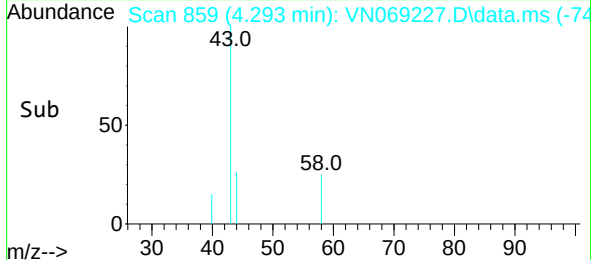
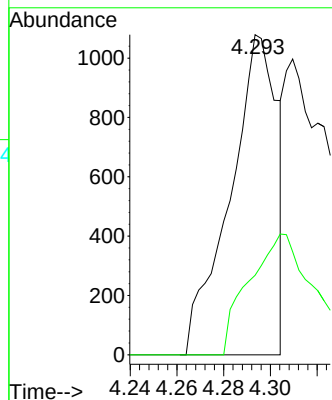
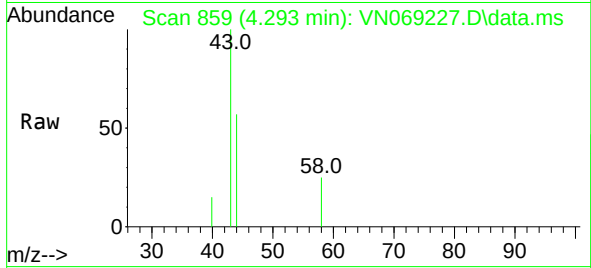




#16
Acetone
Concen: 0.847 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

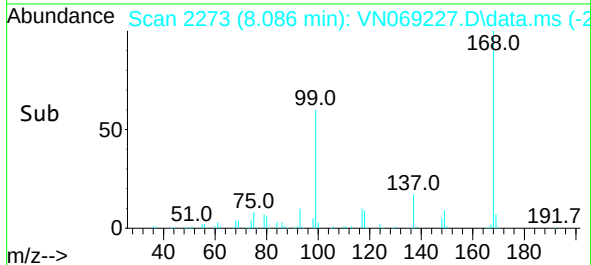
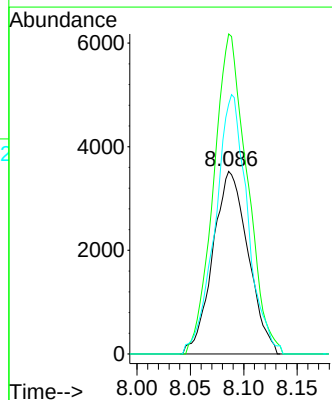
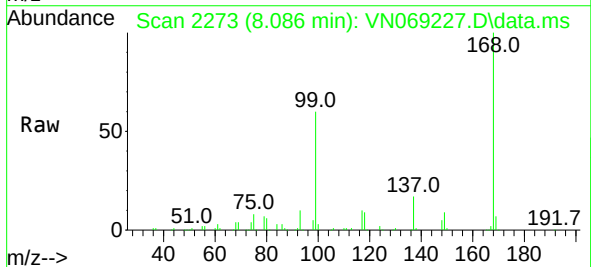
Instrument :
MSVOA_N
ClientSampled :

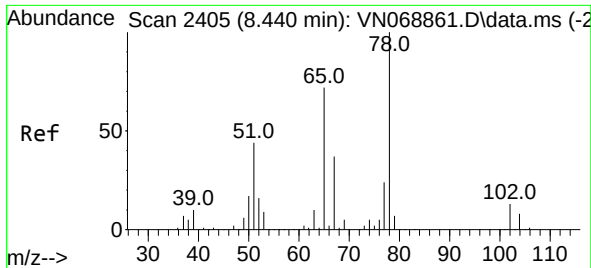
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 24.8 24.5 36.7



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

Tgt Ion: 56 Resp: 8111
Ion Ratio Lower Upper
56 100
69 175.3 26.9 40.3#
84 136.8 67.6 101.4#

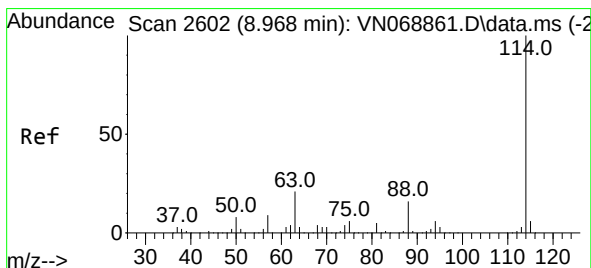
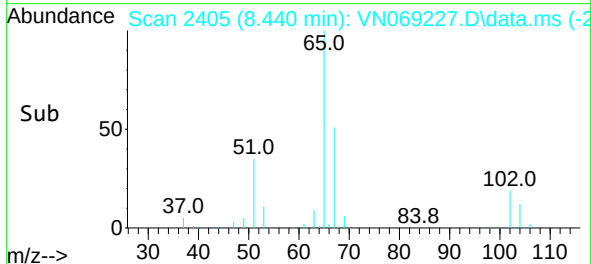
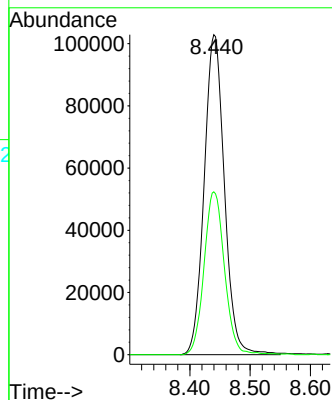
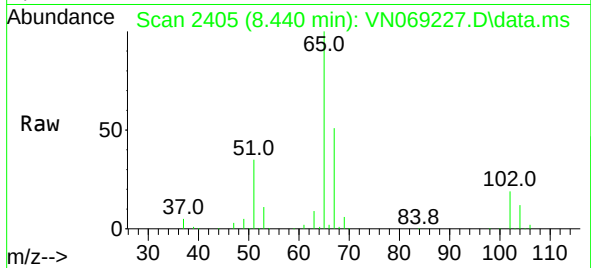




#33
 1,2-Dichloroethane-d4
 Concen: 50.353 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069227.D
 Acq: 27 Oct 2021 18:53

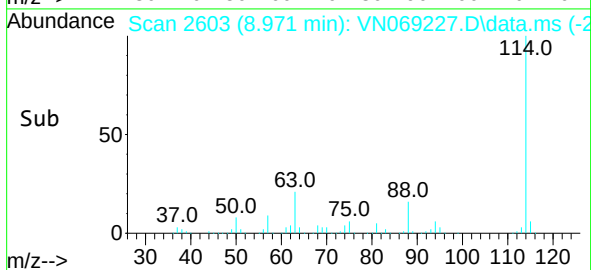
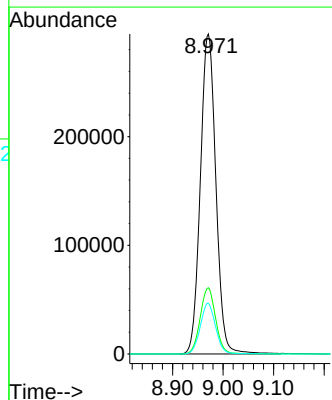
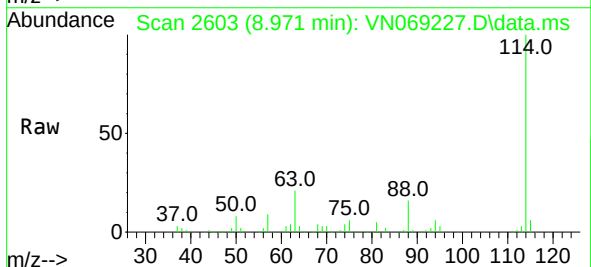
Instrument :
 MSVOA_N
 ClientSampled :

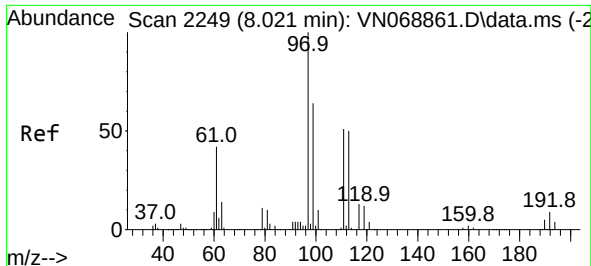
Tgt Ion: 65 Resp: 240148
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069227.D
 Acq: 27 Oct 2021 18:53

Tgt Ion: 114 Resp: 628984
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.6
 88 15.8 0.0 32.0

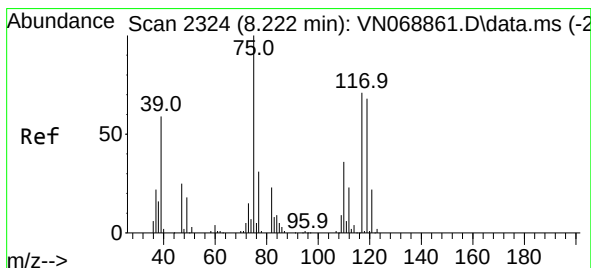
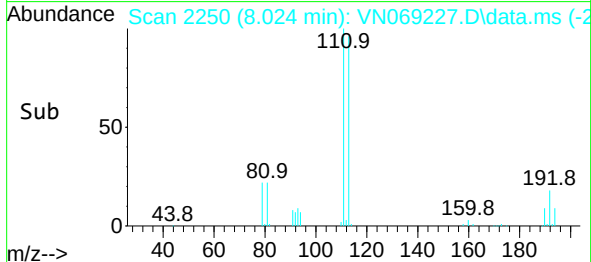
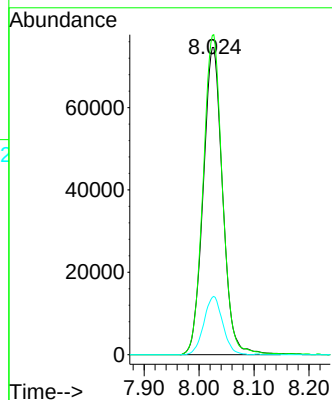
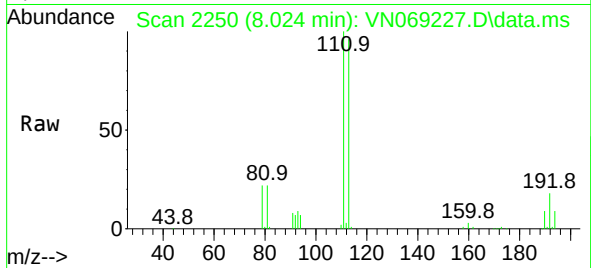




#35
Dibromofluoromethane
Concen: 50.049 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

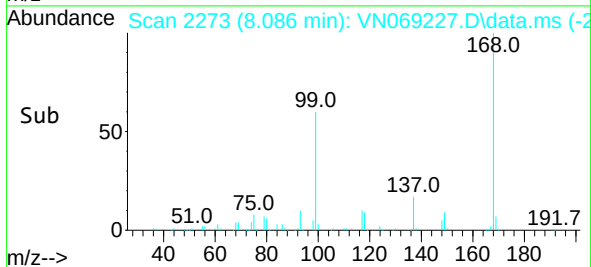
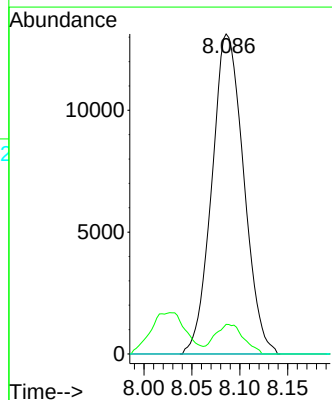
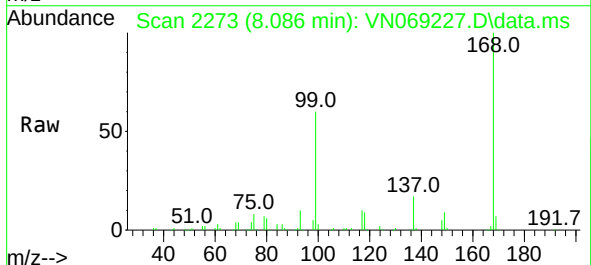
Instrument :
MSVOA_N
ClientSampleId :

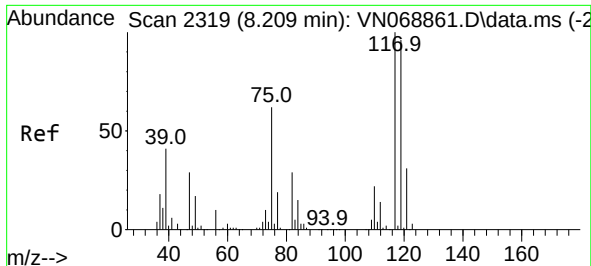
Tgt Ion:113 Resp: 183154
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 18.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.647 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

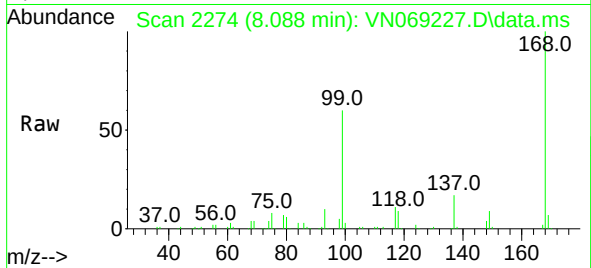
Tgt Ion: 75 Resp: 30340
Ion Ratio Lower Upper
75 100
110 8.4 17.9 53.8#
77 0.0 24.7 37.1#



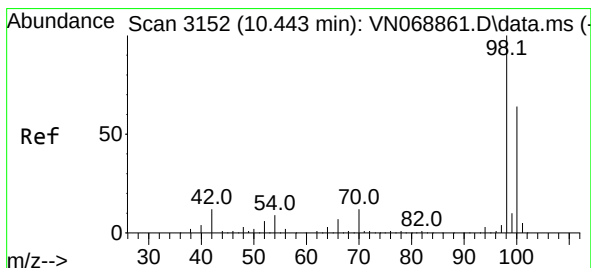
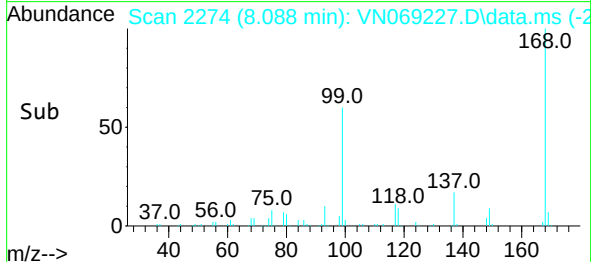
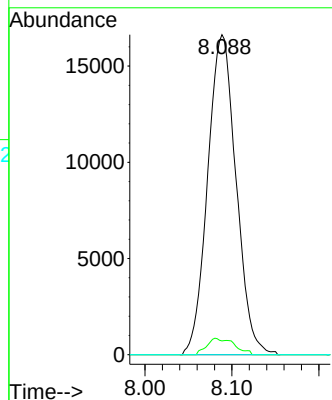


#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

Instrument :
MSVOA_N
ClientSampled :

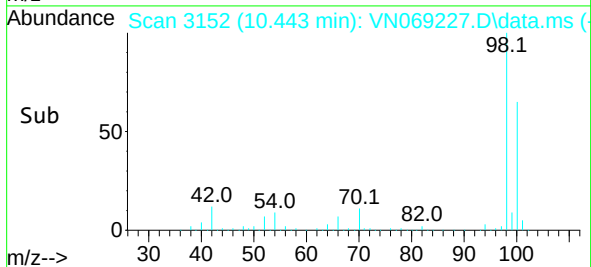
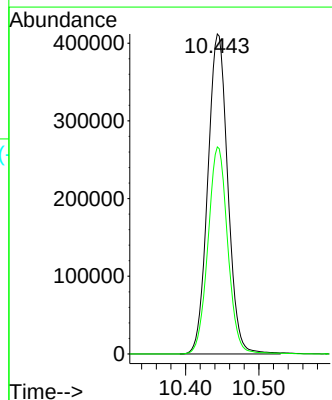
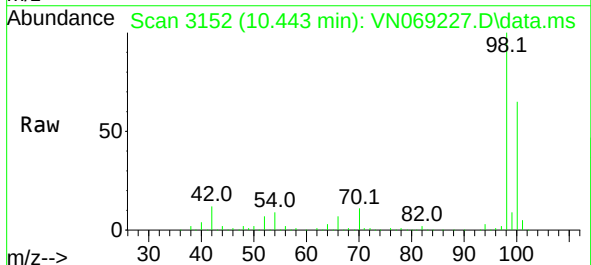


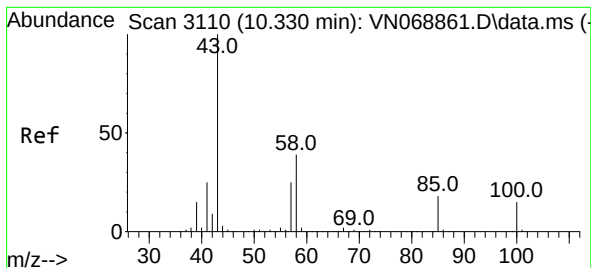
Tgt Ion:117 Resp: 37784
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 53.230 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

Tgt Ion: 98 Resp: 779406
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

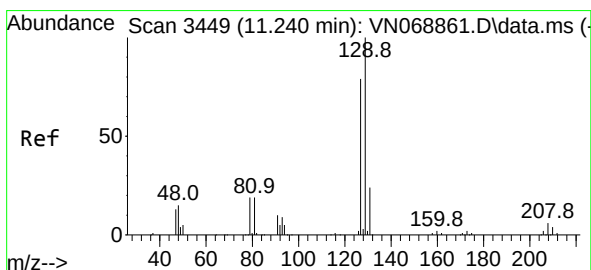
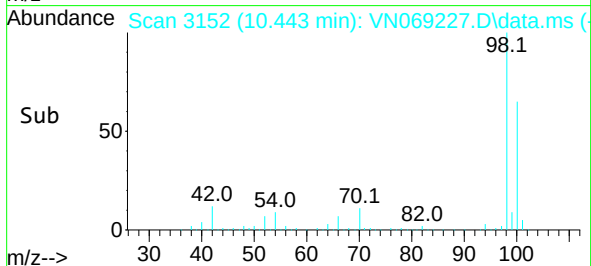
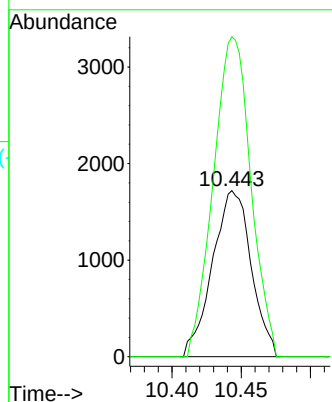
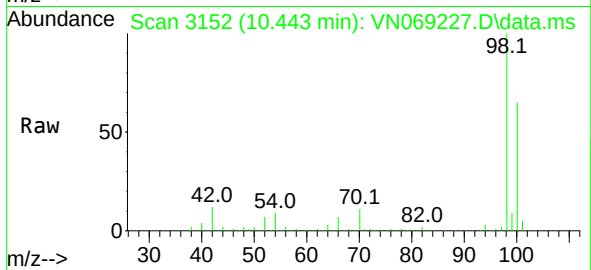




#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

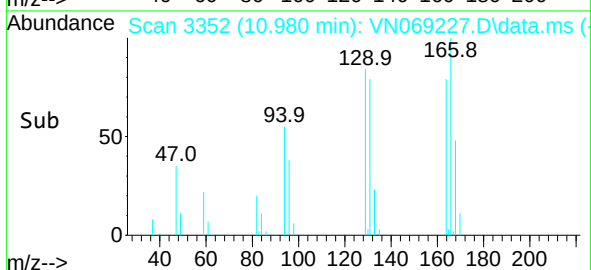
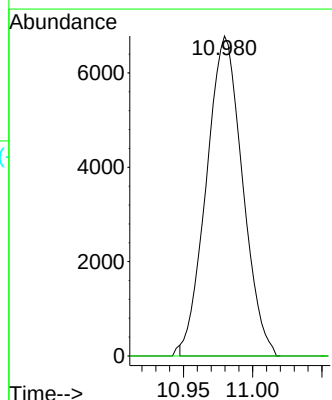
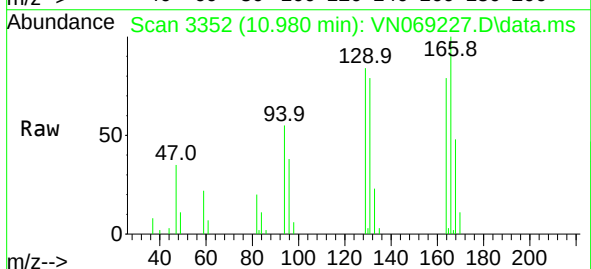
Instrument :
MSVOA_N
ClientSampled :

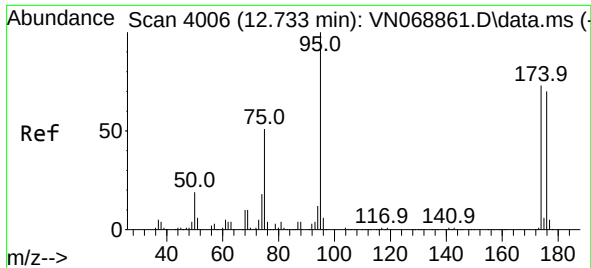
Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
58 186.4 31.0 46.4#



#60
Dibromochloromethane
Concen: 2.619 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.260 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

Tgt Ion: 129 Resp: 12267
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

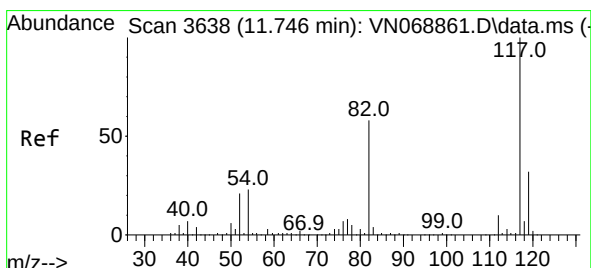
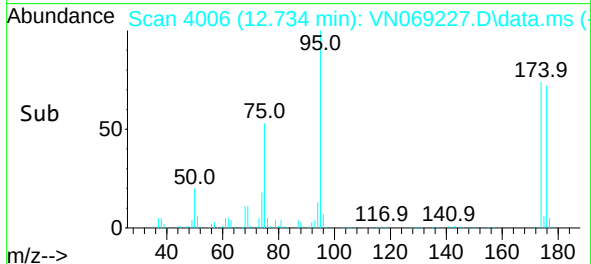
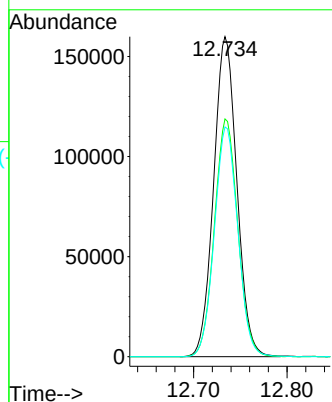
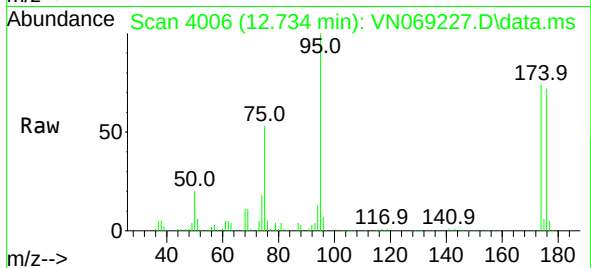




#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

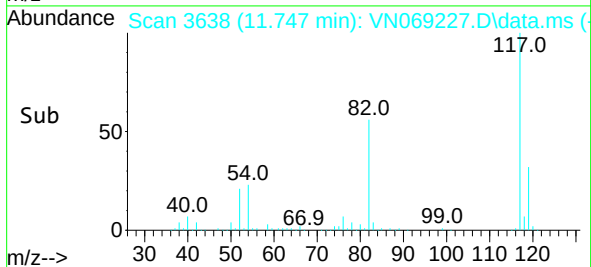
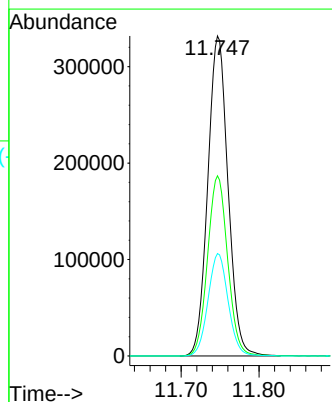
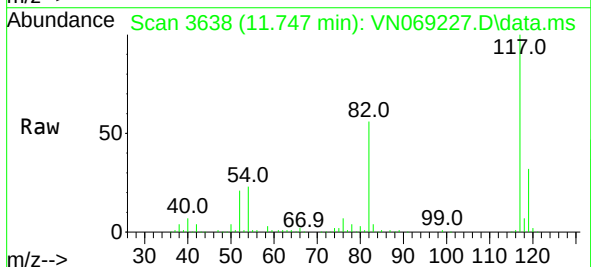
Instrument :
MSVOA_N
ClientSampleId :

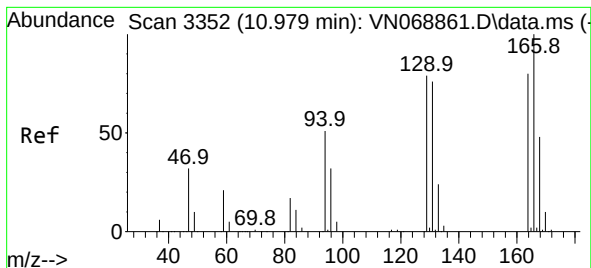
Tgt Ion: 95 Resp: 275944
Ion Ratio Lower Upper
95 100
174 74.9 0.0 144.8
176 72.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

Tgt Ion: 117 Resp: 598762
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.0 26.0 39.0





#64

Tetrachloroethene

Concen: 3.071 ug/l

RT: 10.980 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VN069227.D

Acq: 27 Oct 2021 18:53

Tgt Ion:164 Resp: 11846

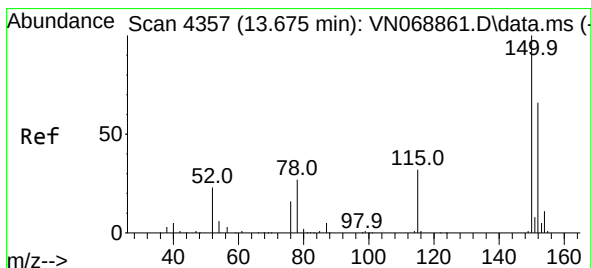
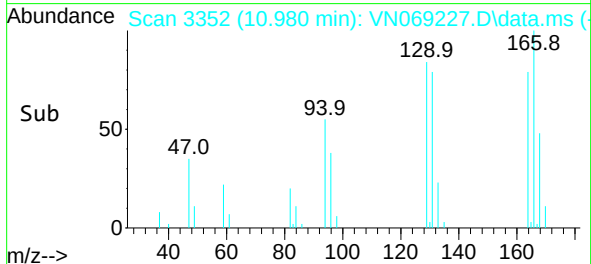
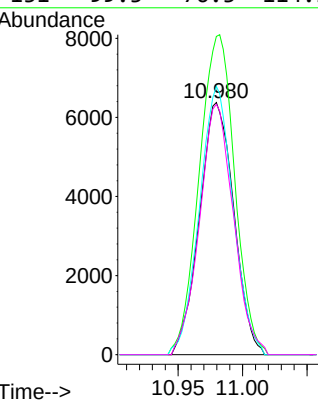
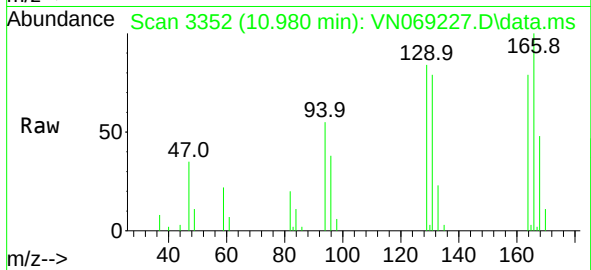
Ion Ratio Lower Upper

164 100

166 126.2 99.8 149.8

129 106.4 79.2 118.8

131 99.3 76.3 114.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 4358

Delta R.T. 0.003 min

Lab File: VN069227.D

Acq: 27 Oct 2021 18:53

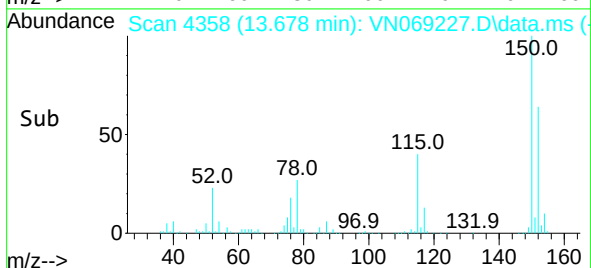
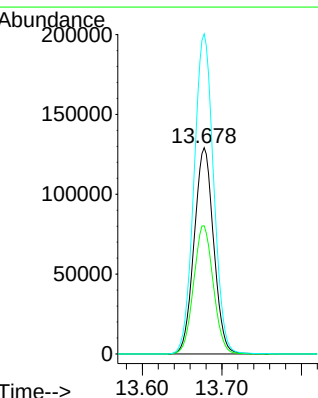
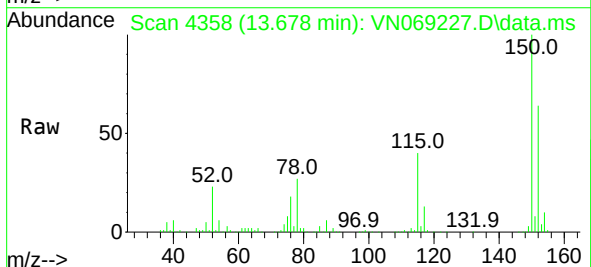
Tgt Ion:152 Resp: 219843

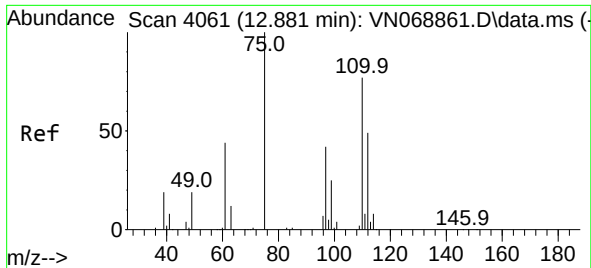
Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.3

150 156.2 0.0 351.0

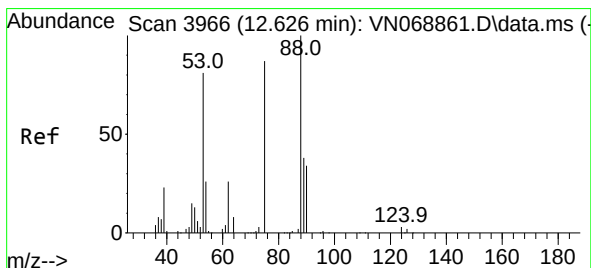
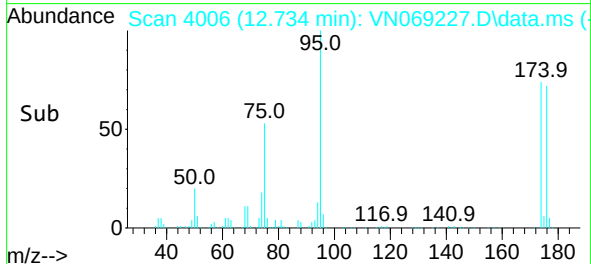
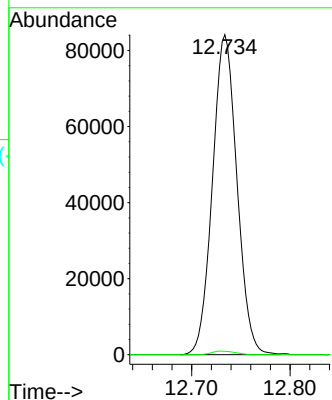
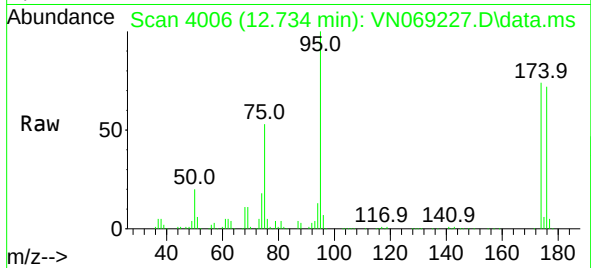




#76
1,2,3-Trichloropropane
Concen: 31.096 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

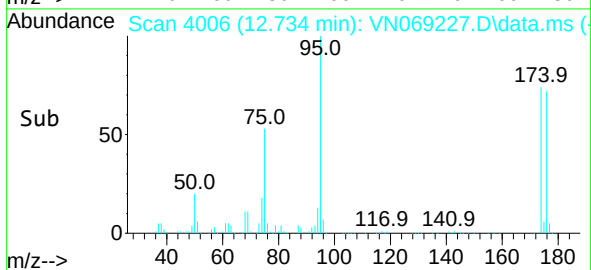
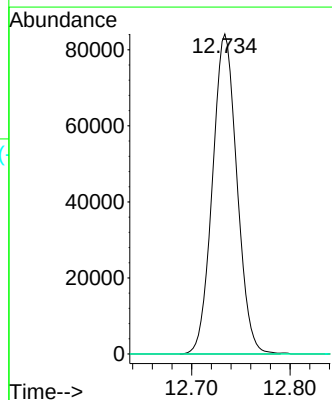
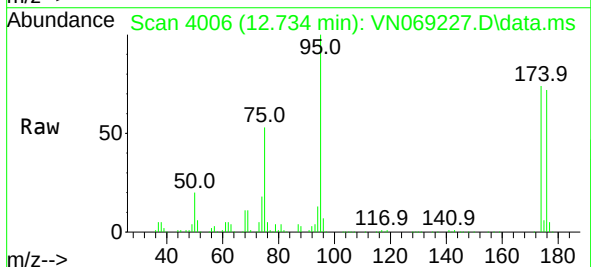
Instrument :
MSVOA_N
ClientSampled :

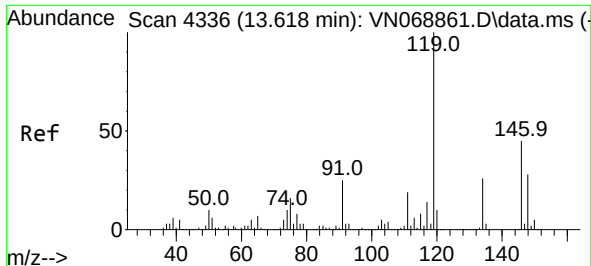
Tgt Ion: 75 Resp: 145457
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.396 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

Tgt Ion: 75 Resp: 145457
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.205 ug/l

RT: 13.704 min Scan# 4368

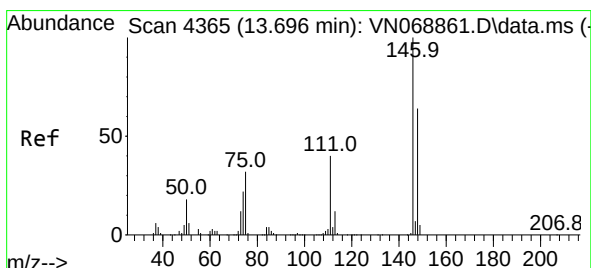
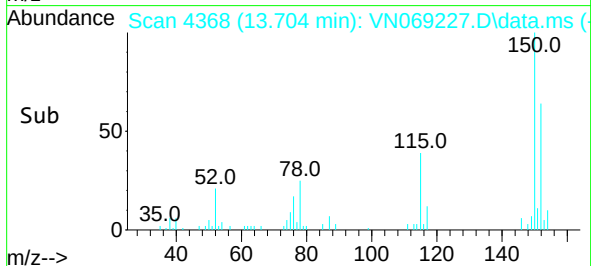
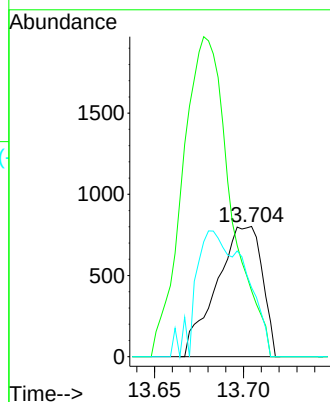
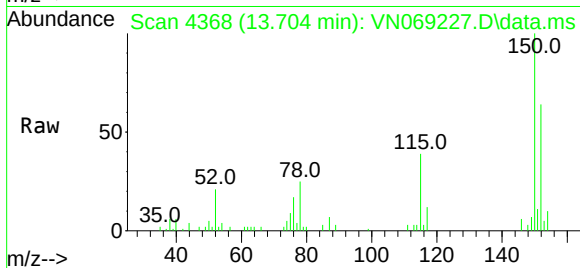
Delta R.T. 0.086 min

Lab File: VN069227.D

Acq: 27 Oct 2021 18:53

Tgt Ion:146	Resp:	1434
Ion Ratio	Lower	Upper
146	100	
111	0.0	21.4 64.2#
148	0.0	32.0 96.2#

Instrument :
MSVOA_N
ClientSampled :



#88

1,4-Dichlorobenzene

Concen: 0.206 ug/l

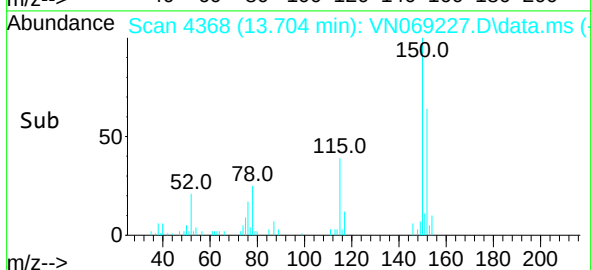
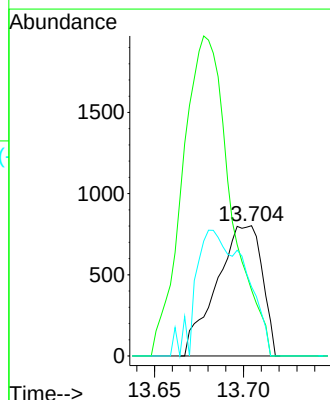
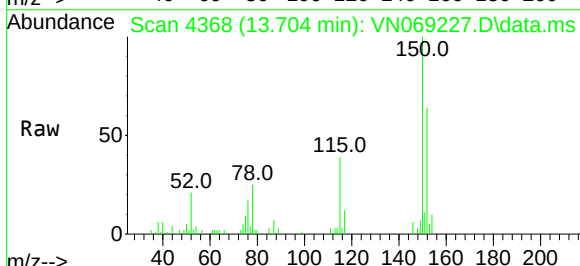
RT: 13.704 min Scan# 4368

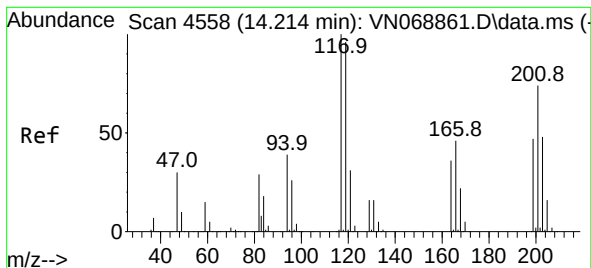
Delta R.T. 0.008 min

Lab File: VN069227.D

Acq: 27 Oct 2021 18:53

Tgt Ion:146	Resp:	1434
Ion Ratio	Lower	Upper
146	100	
111	0.0	20.6 61.8#
148	0.0	32.1 96.5#

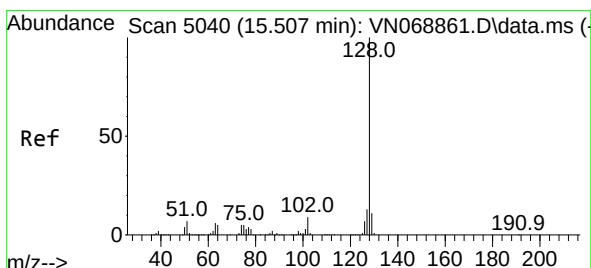
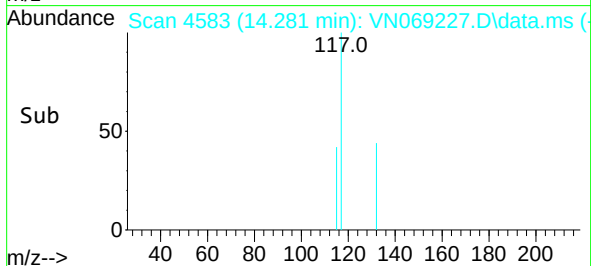
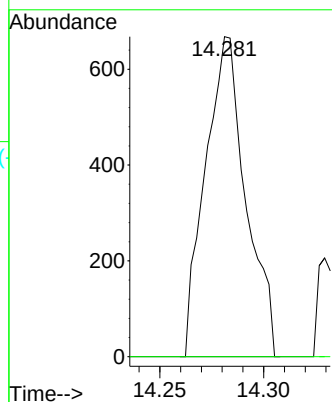
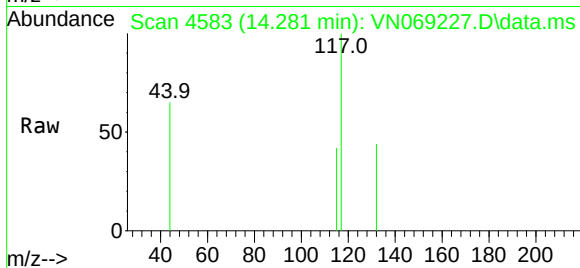




#90
Hexachloroethane
Concen: 0.293 ug/l
RT: 14.281 min Scan# 4583
Delta R.T. 0.067 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 906
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#



#95
Naphthalene
Concen: 3.819 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.008 min
Lab File: VN069227.D
Acq: 27 Oct 2021 18:53

Tgt Ion:128 Resp: 78
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

