

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069155.D
 Acq On : 25 Oct 2021 16:45
 Operator : JC/MD
 Sample : VN1025WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 26 01:34:33 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	8.091	168	345560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	601916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	587235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	212387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	226038	49.612	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.220%		
35) Dibromofluoromethane	8.024	113	176107	50.288	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.580%		
50) Toluene-d8	10.443	98	756022	53.955	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.920%		
62) 4-Bromofluorobenzene	12.733	95	263111	49.769	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.540%		
Target Compounds						Qvalue
5) Bromomethane	2.880	94	1127	0.478	ug/l	96
13) Acrolein	4.047	56	322	0.874	ug/l #	33
16) Acetone	4.291	43	362	0.213	ug/l #	44
20) Methylene Chloride	5.098	84	3535	0.903	ug/l	91
31) Cyclohexane	8.086	56	7925	1.119	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	27857	5.418	ug/l #	49
38) Carbon Tetrachloride	8.088	117	35989	6.374	ug/l #	15
51) 4-Methyl-2-Pentanone	10.333	43	1145	0.211	ug/l #	36
59) 2-Hexanone	11.092	43	2240	0.575	ug/l	72
76) 1,2,3-Trichloropropane	12.733	75	138947	30.747	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	138947	73.561	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.265	180	1367	2.965	ug/l	92
95) Naphthalene	15.504	128	6330	4.405	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.705	180	1533	2.943	ug/l	96

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

Quant Time: Oct 26 01:34:33 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

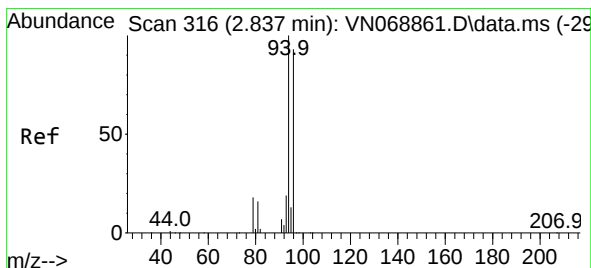
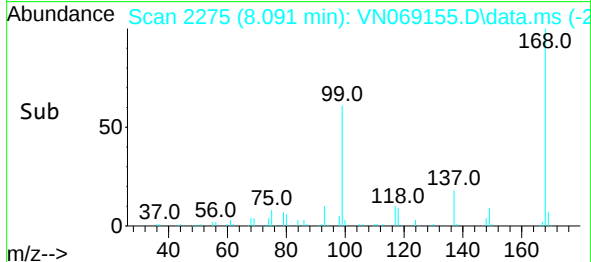
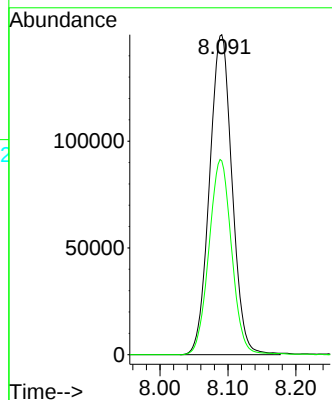
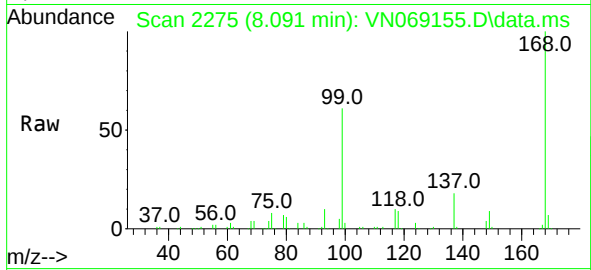




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

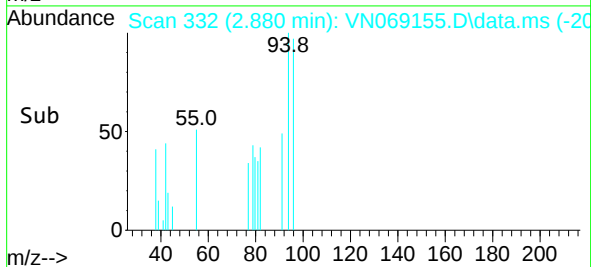
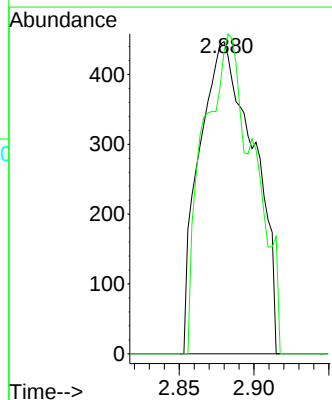
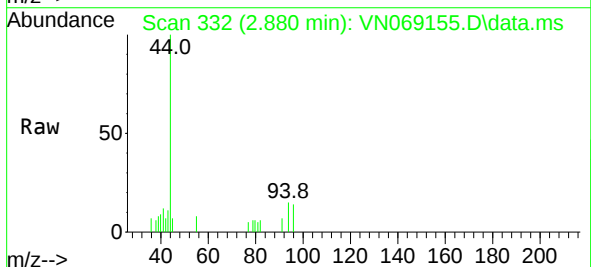
Instrument :
MSVOA_N
ClientSampled :

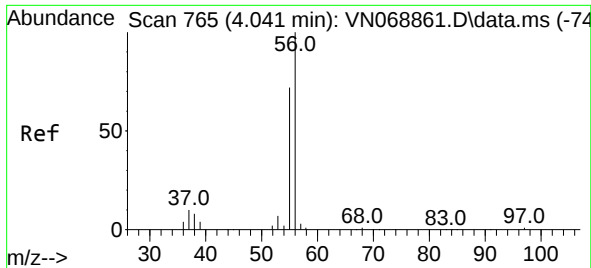
Tgt Ion:168 Resp: 345560
Ion Ratio Lower Upper
168 100
99 60.5 48.9 73.3



#5
Bromomethane
Concen: 0.478 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Tgt Ion: 94 Resp: 1127
Ion Ratio Lower Upper
94 100
96 96.9 74.2 111.4

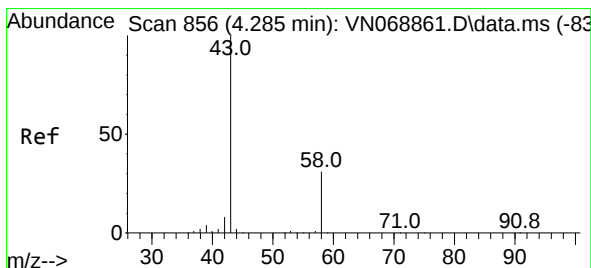
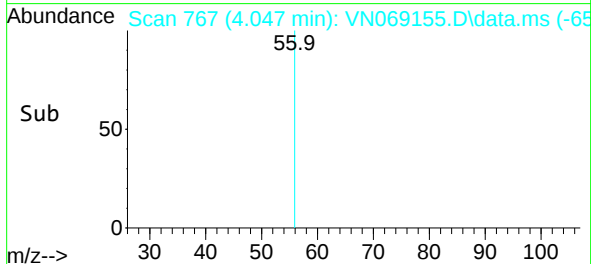
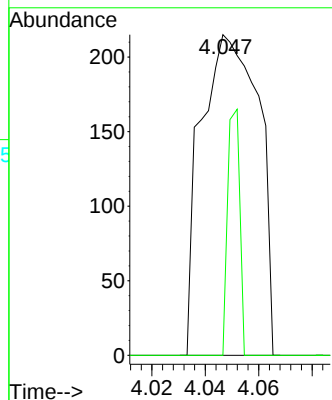
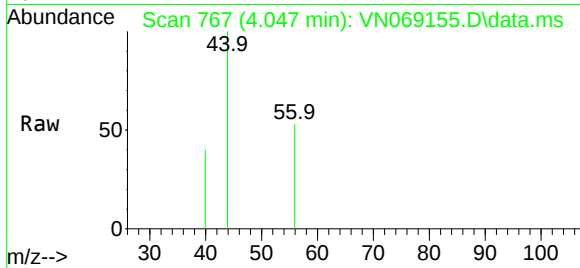




#13
Acrolein
Concen: 0.874 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

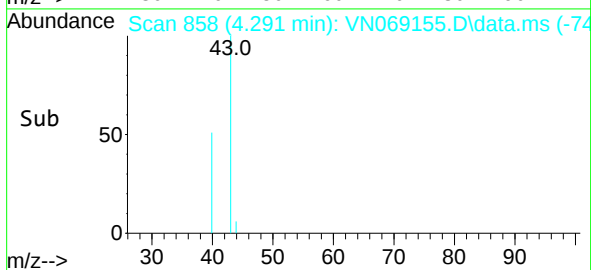
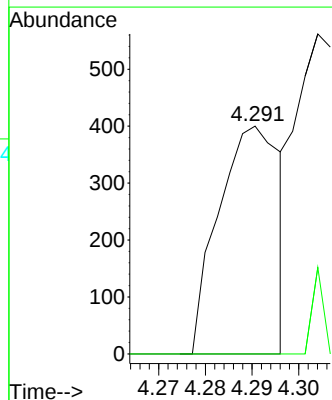
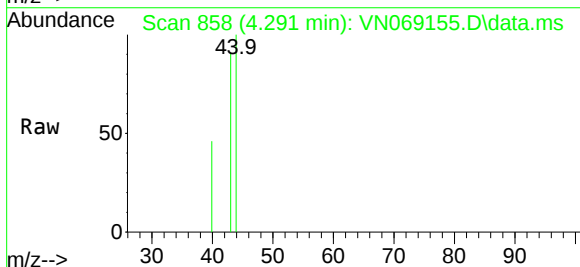
Instrument :
MSVOA_N
ClientSampled :

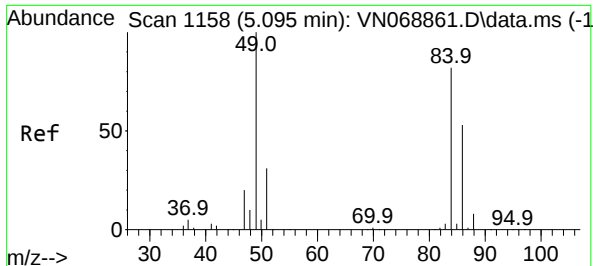
Tgt Ion: 56 Resp: 322
Ion Ratio Lower Upper
56 100
55 16.1 58.1 87.1#



#16
Acetone
Concen: 0.213 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.005 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

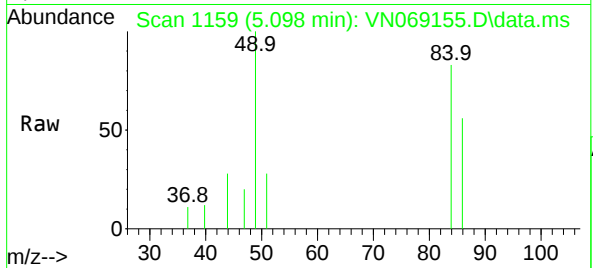
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



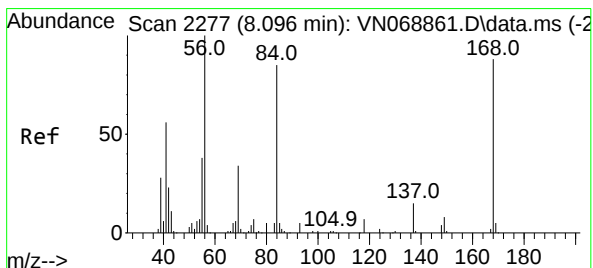
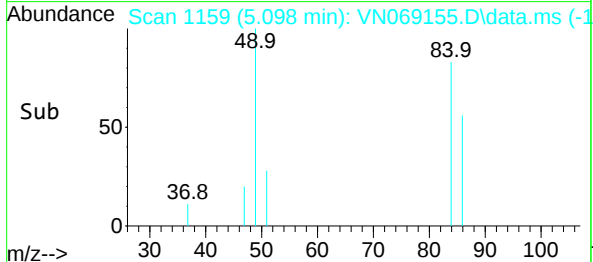
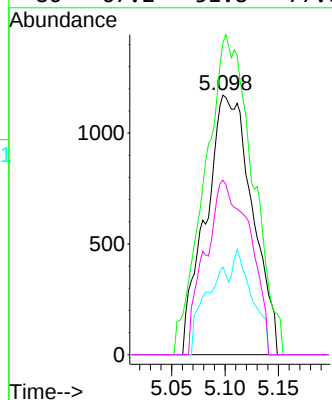


#20
Methylene Chloride
Concen: 0.903 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Instrument :
MSVOA_N
ClientSampled :

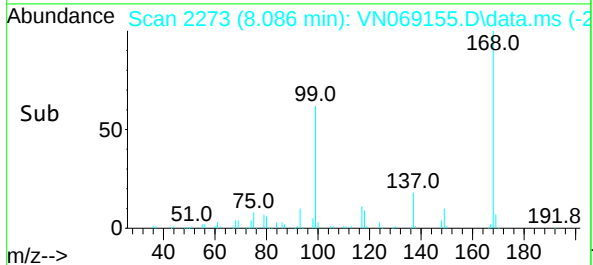
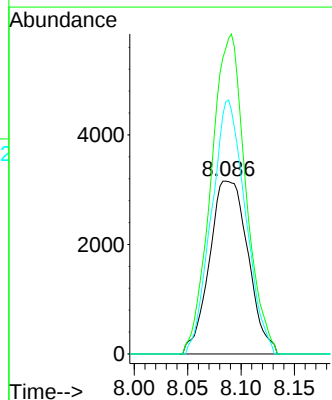
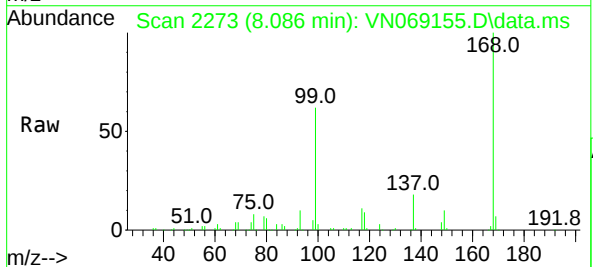


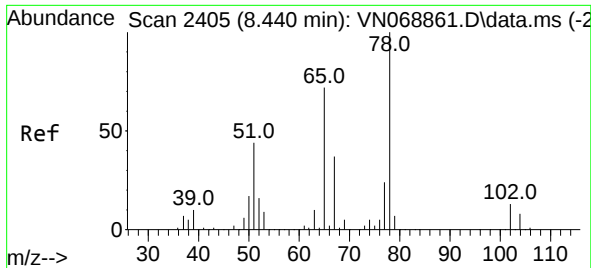
Tgt Ion:	84	Resp:	3535
Ion	Ratio	Lower	Upper
84	100		
49	107.0	97.6	146.4
51	33.7	30.3	45.5
86	67.2	51.8	77.6



#31
Cyclohexane
Concen: 1.119 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Tgt Ion:	56	Resp:	7925
Ion	Ratio	Lower	Upper
56	100		
69	176.8	26.9	40.3#
84	145.9	67.6	101.4#

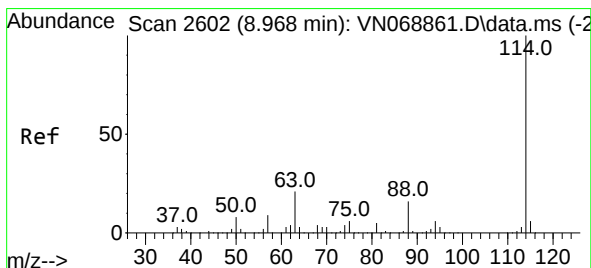
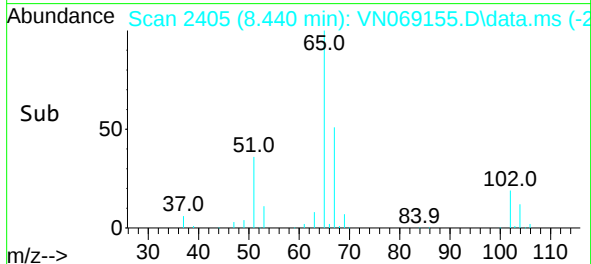
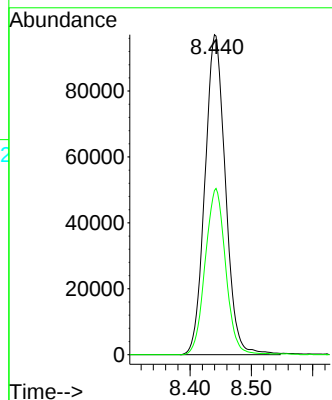
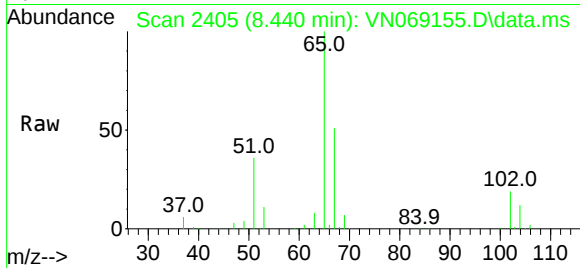




#33
 1,2-Dichloroethane-d4
 Concen: 49.612 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069155.D
 Acq: 25 Oct 2021 16:45

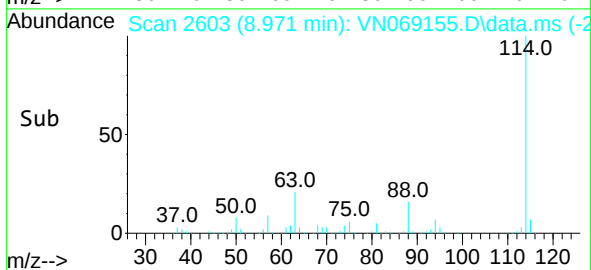
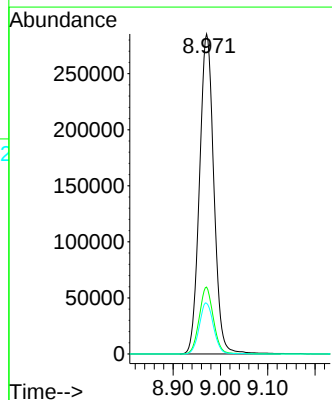
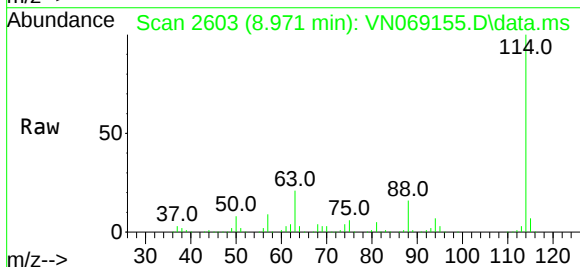
Instrument :
 MSVOA_N
 ClientSampled :

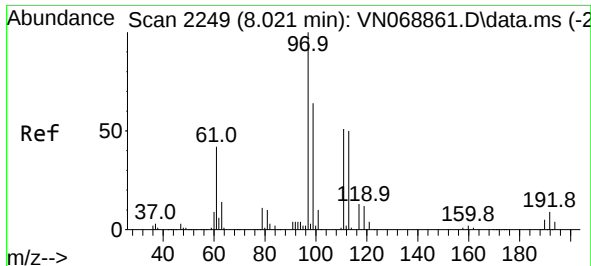
Tgt Ion: 65 Resp: 226038
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069155.D
 Acq: 25 Oct 2021 16:45

Tgt Ion: 114 Resp: 601916
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 15.8 0.0 32.0

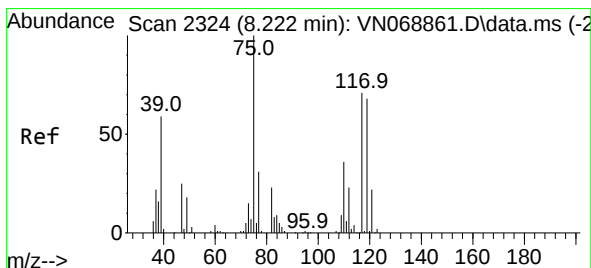
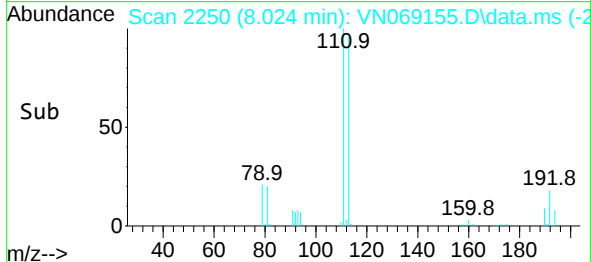
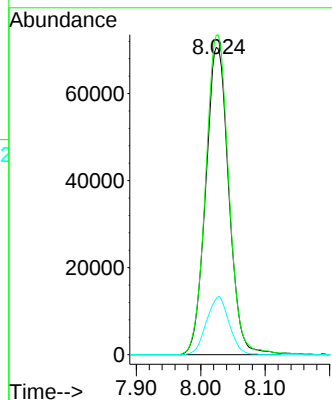
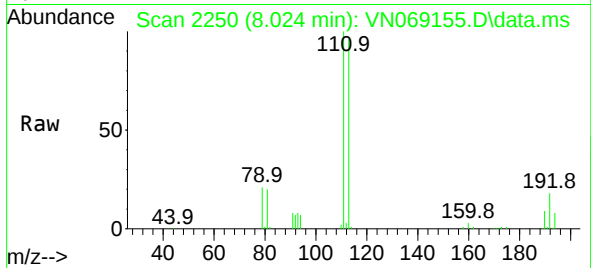




#35
Dibromofluoromethane
Concen: 50.288 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

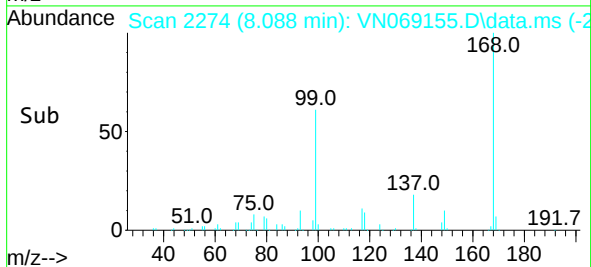
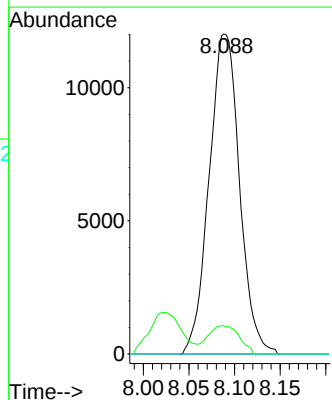
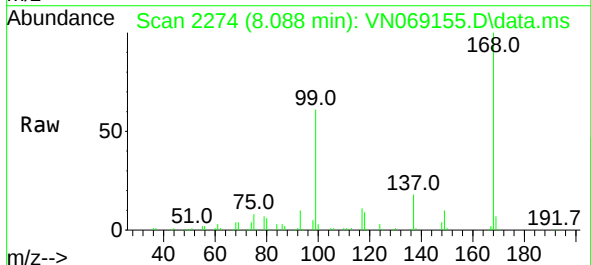
Instrument :
MSVOA_N
ClientSampled :

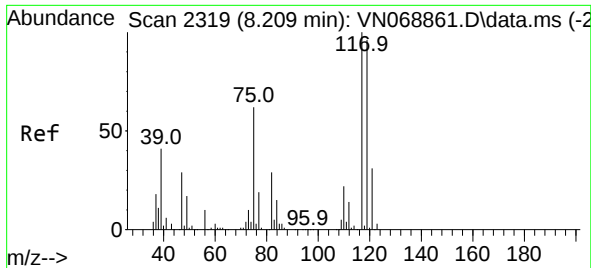
Tgt Ion:113 Resp: 176107
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 18.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.418 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Tgt Ion: 75 Resp: 27857
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.8#
77 0.0 24.7 37.1#

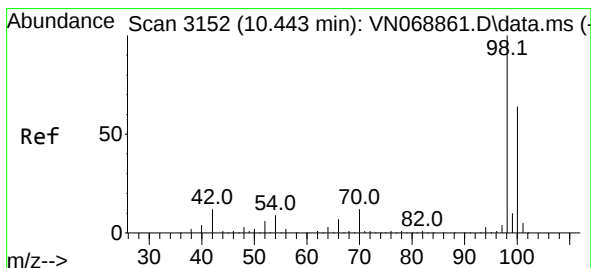
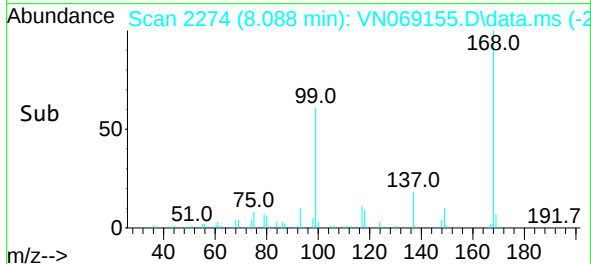
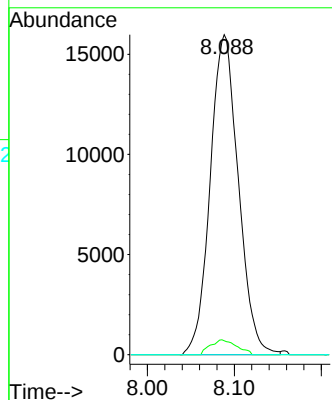
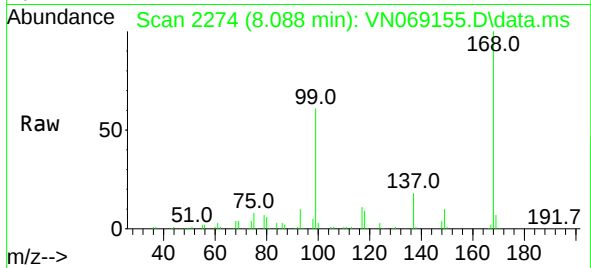




#38
Carbon Tetrachloride
Concen: 6.374 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

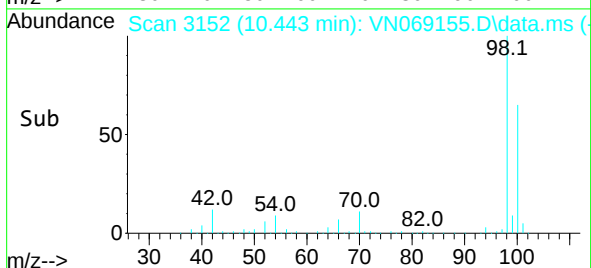
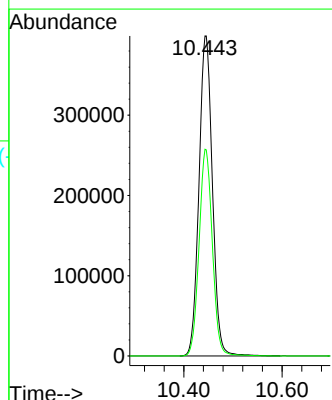
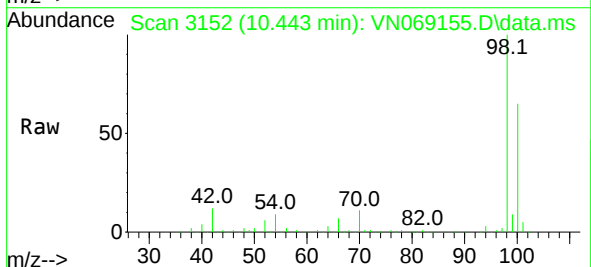
Instrument :
MSVOA_N
ClientSampled :

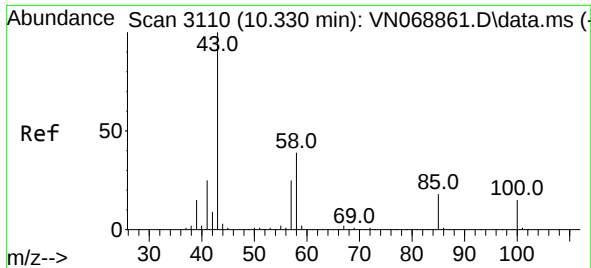
Tgt Ion:117 Resp: 35989
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 53.955 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Tgt Ion: 98 Resp: 756022
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

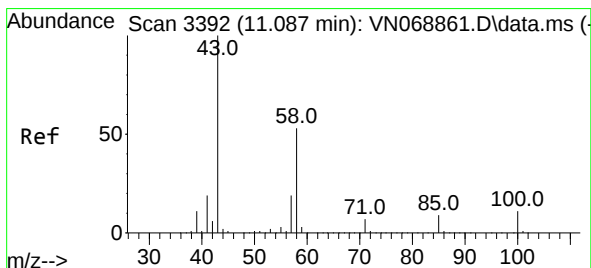
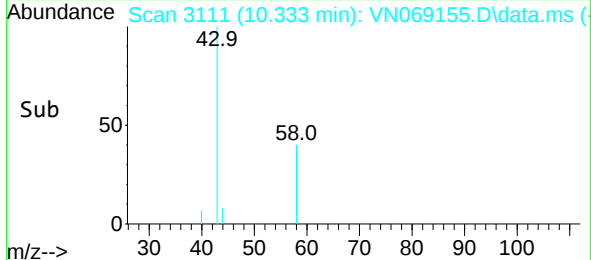
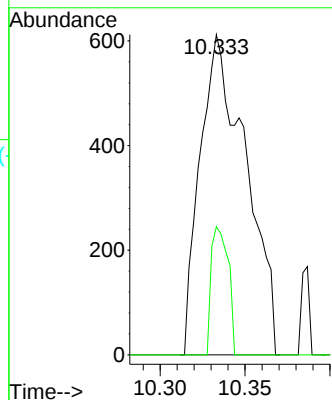
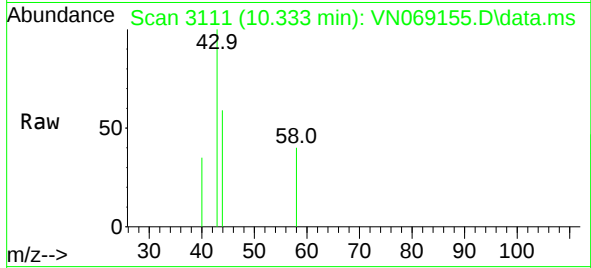




#51
4-Methyl-2-Pentanone
Concen: 0.211 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

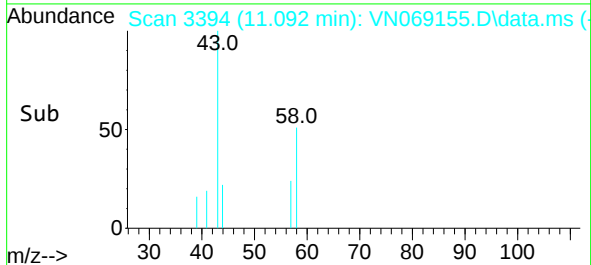
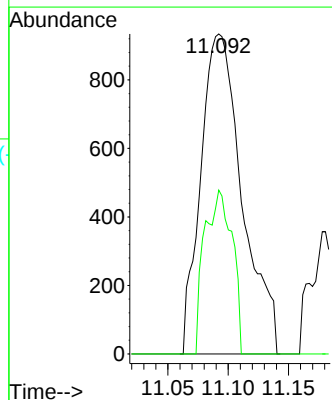
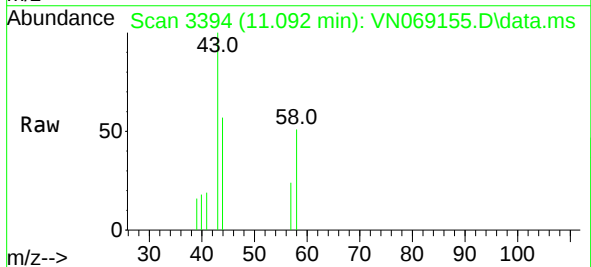
Instrument :
MSVOA_N
ClientSampled :

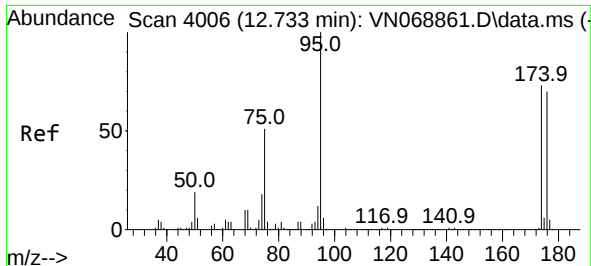
Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#



#59
2-Hexanone
Concen: 0.575 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Tgt Ion: 43 Resp: 2240
Ion Ratio Lower Upper
43 100
58 34.0 26.9 80.7

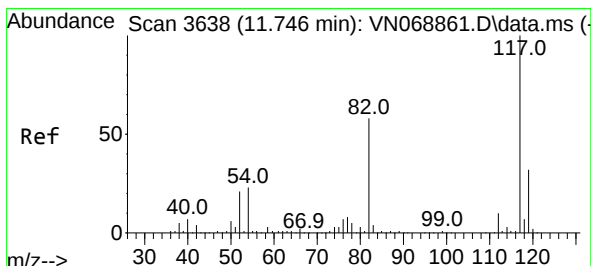
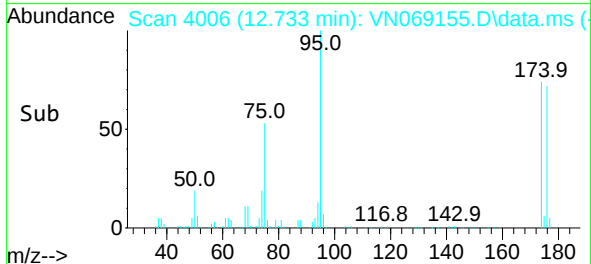
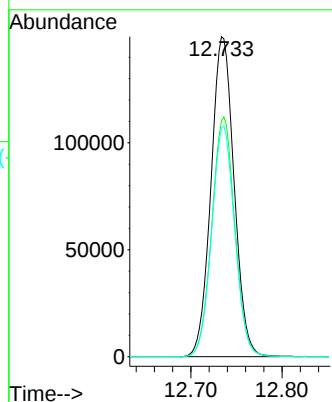
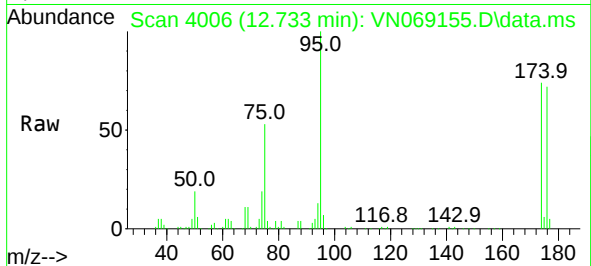




#62
4-Bromofluorobenzene
Concen: 49.769 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

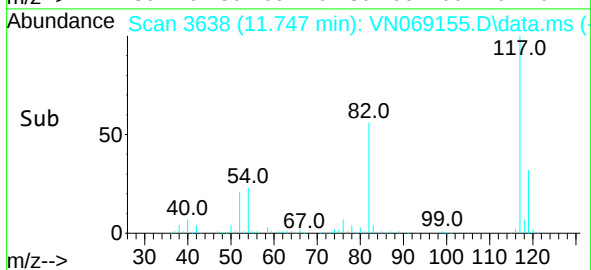
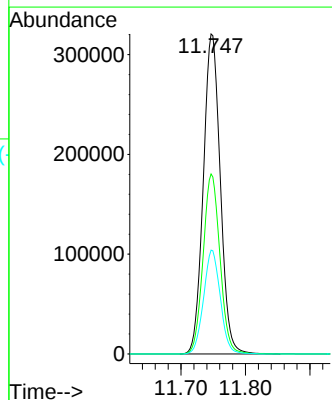
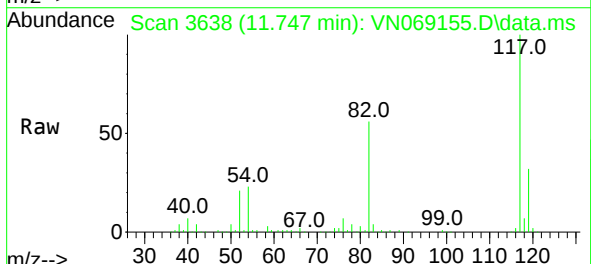
Instrument :
MSVOA_N
ClientSampleId :

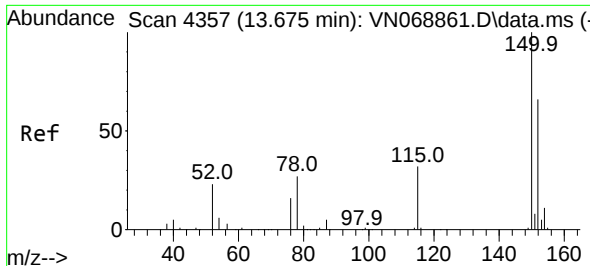
Tgt Ion: 95 Resp: 263111
Ion Ratio Lower Upper
95 100
174 74.7 0.0 144.8
176 72.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Tgt Ion: 117 Resp: 587235
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 32.4 26.0 39.0

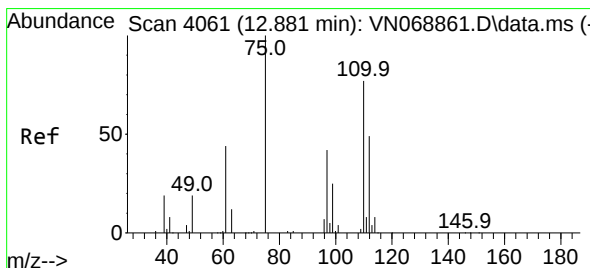
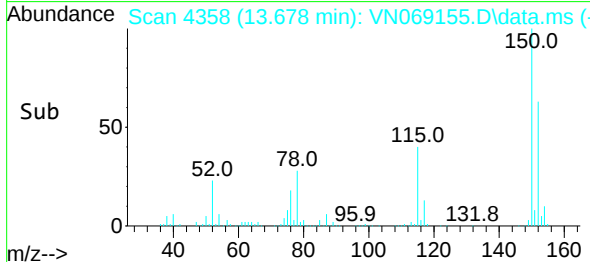
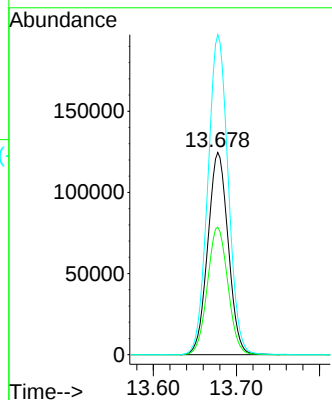
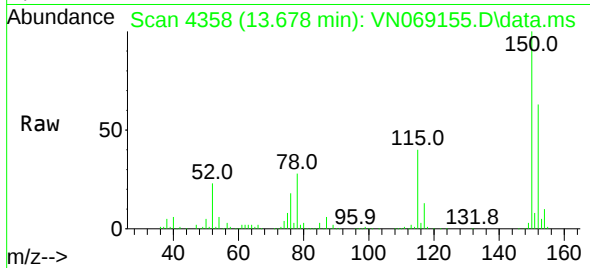




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069155.D
 Acq: 25 Oct 2021 16:45

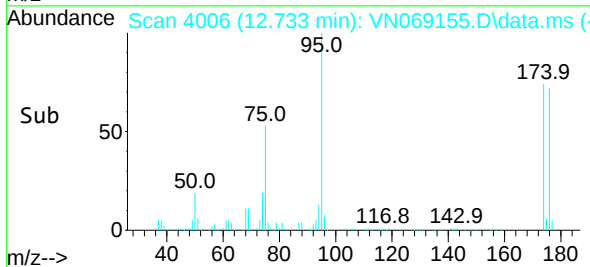
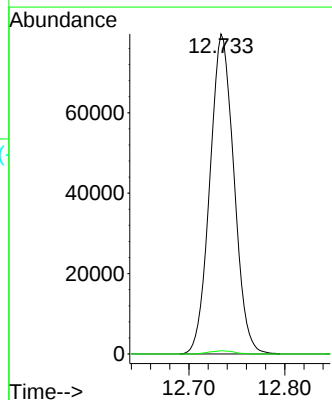
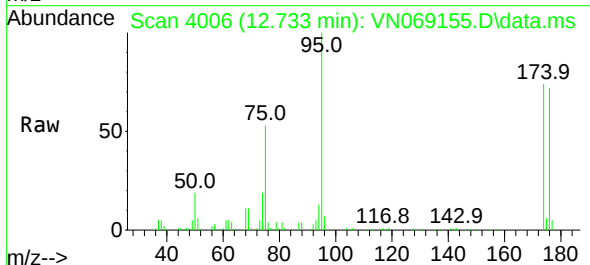
Instrument :
 MSVOA_N
 ClientSampled :

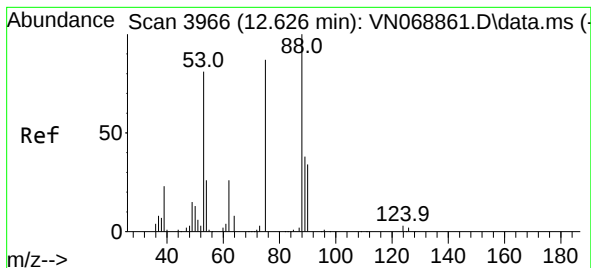
Tgt Ion:152 Resp: 212387
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.4 94.3
 150 157.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.747 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069155.D
 Acq: 25 Oct 2021 16:45

Tgt Ion: 75 Resp: 138947
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

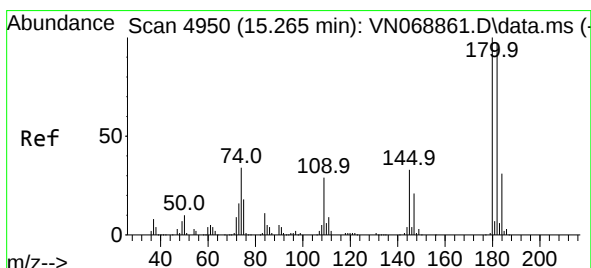
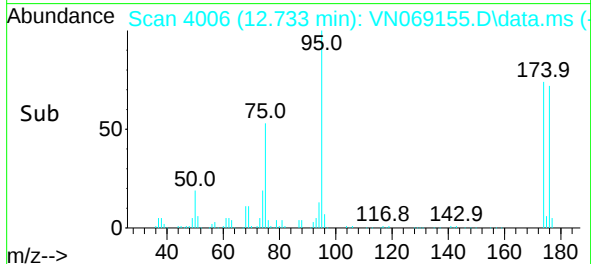
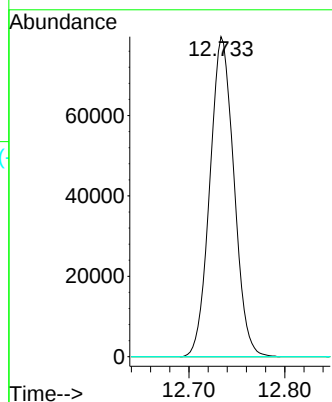
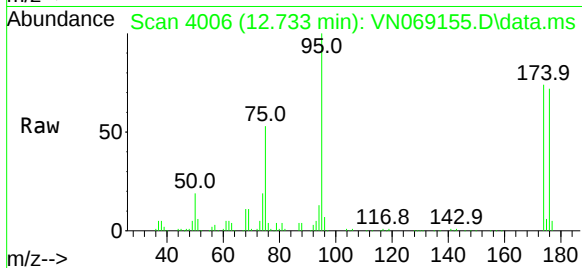




#81
trans-1,4-Dichloro-2-butene
Concen: 73.561 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

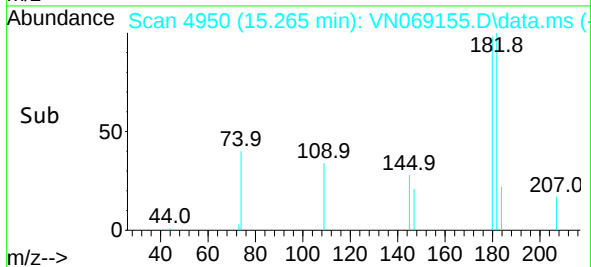
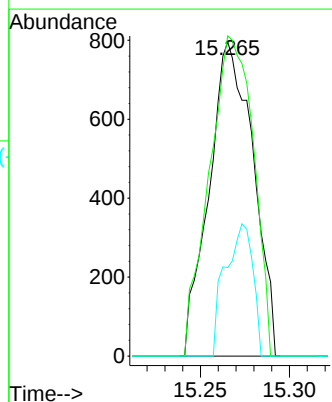
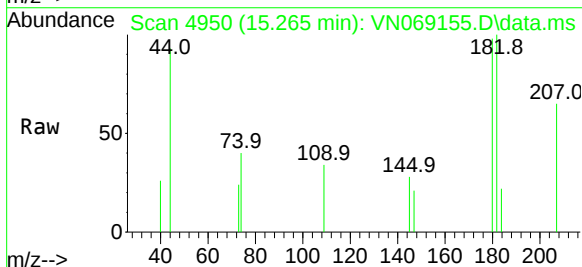
Instrument :
MSVOA_N
ClientSampleId :

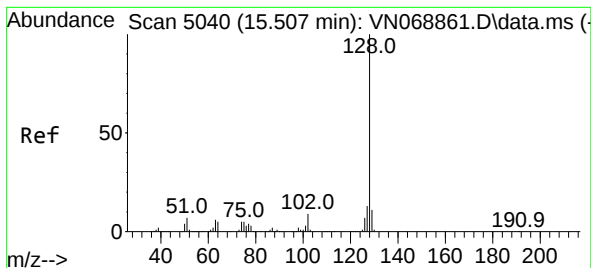
Tgt Ion: 75 Resp: 138947
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.965 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Tgt Ion:180 Resp: 1367
Ion Ratio Lower Upper
180 100
182 102.1 47.9 143.7
145 26.3 16.4 49.2

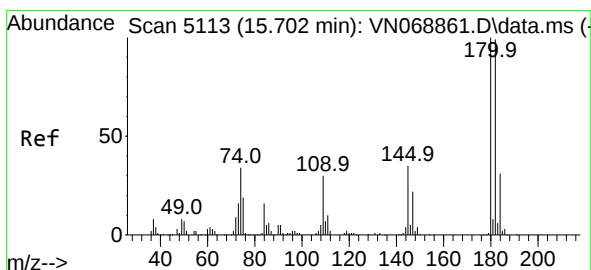
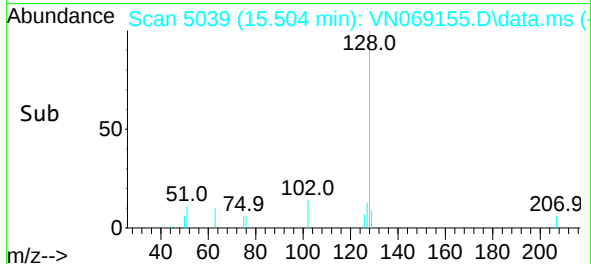
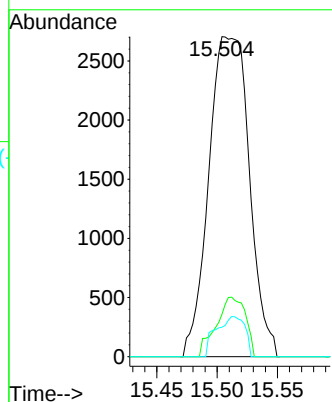
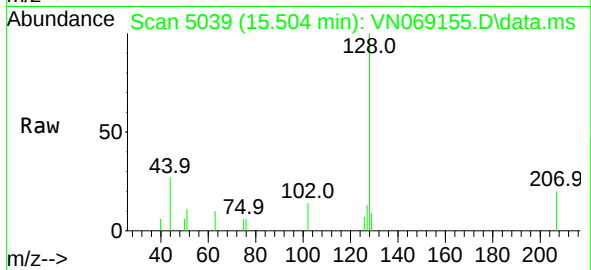




#95
Naphthalene
Concen: 4.405 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6330
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 8.8 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.943 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN069155.D
Acq: 25 Oct 2021 16:45

Tgt Ion:180 Resp: 1533
Ion Ratio Lower Upper
180 100
182 100.6 48.1 144.3
145 36.5 17.4 52.2

