

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069049.D
 Acq On : 20 Oct 2021 2:12
 Operator : JC/MD
 Sample : M4286-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 05:52:46 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)

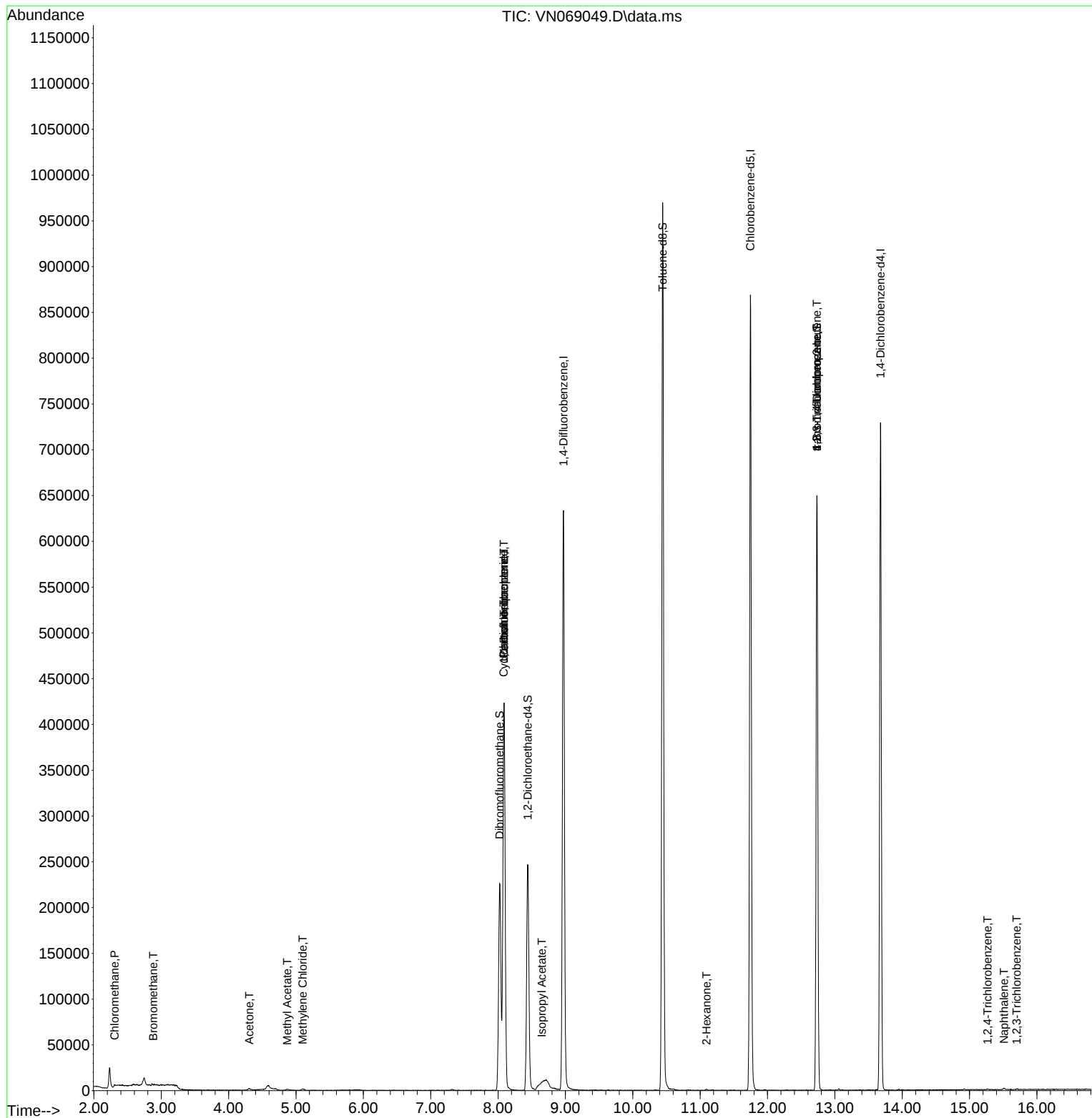
Internal Standards						
1) Pentafluorobenzene	8.088	168	322131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	570749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	520818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	195159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	214918	50.602	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.200%			
35) Dibromofluoromethane	8.024	113	167556	50.458	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.920%			
50) Toluene-d8	10.443	98	700660	52.735	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.460%			
62) 4-Bromofluorobenzene	12.733	95	239230	47.723	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.440%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	1377	0.350	ug/l #	83
5) Bromomethane	2.880	94	542	0.246	ug/l	85
16) Acetone	4.307	43	2975	1.877	ug/l #	87
18) Methyl Acetate	4.870	43	2856	0.475	ug/l #	61
20) Methylene Chloride	5.098	84	1206	0.331	ug/l #	81
31) Cyclohexane	8.083	56	7903	1.197	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	26650	5.467	ug/l #	49
38) Carbon Tetrachloride	8.088	117	34194	6.386	ug/l #	15
43) Isopropyl Acetate	8.649	43	11311	1.273	ug/l #	55
59) 2-Hexanone	11.095	43	975	0.264	ug/l #	59
76) 1,2,3-Trichloropropane	12.733	75	125682	30.267	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	125682	72.412	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	435	2.727	ug/l #	74
95) Naphthalene	15.512	128	2110	4.027	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.700	180	221	2.581	ug/l #	81

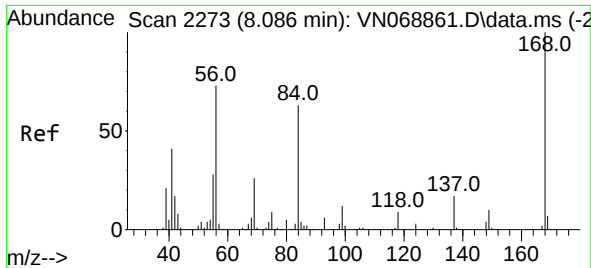
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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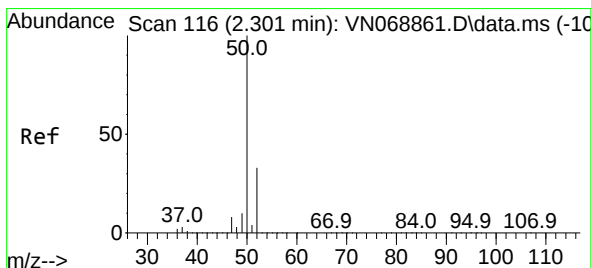
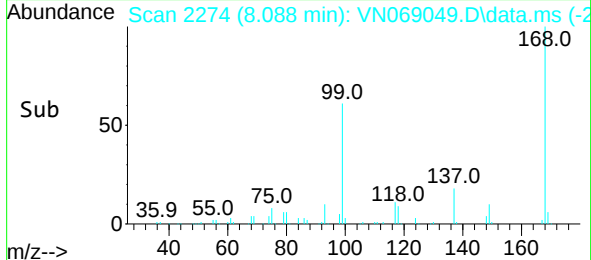
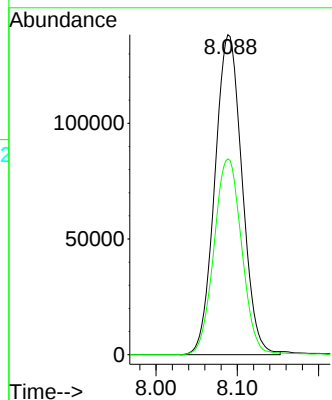
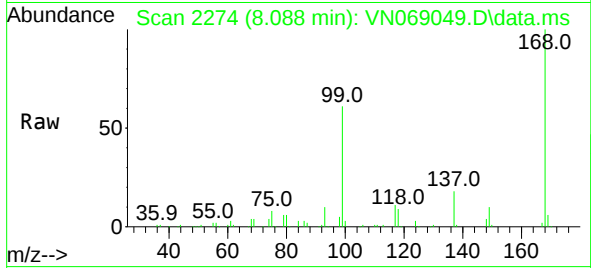




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

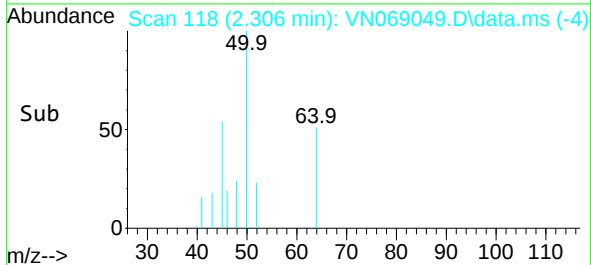
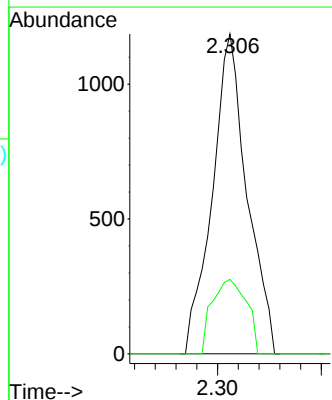
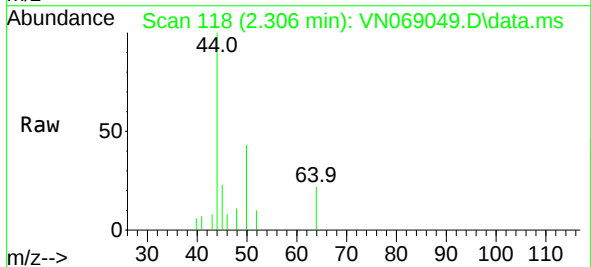
Instrument :
MSVOA_N
ClientSampled :

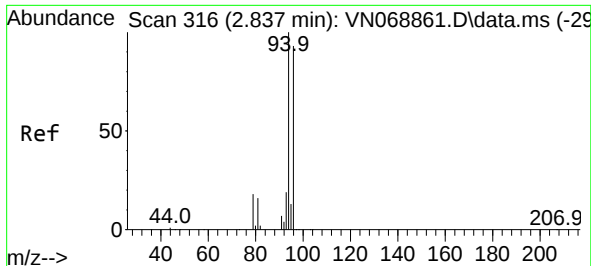
Tgt Ion:168 Resp: 322131
Ion Ratio Lower Upper
168 100
99 61.2 48.9 73.3



#3
Chloromethane
Concen: 0.350 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

Tgt Ion: 50 Resp: 1377
Ion Ratio Lower Upper
50 100
52 23.3 26.3 39.5#

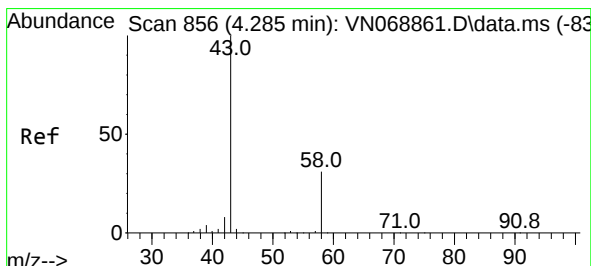
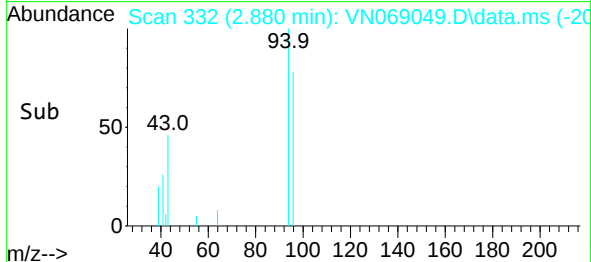
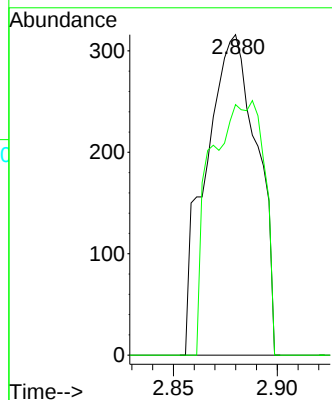
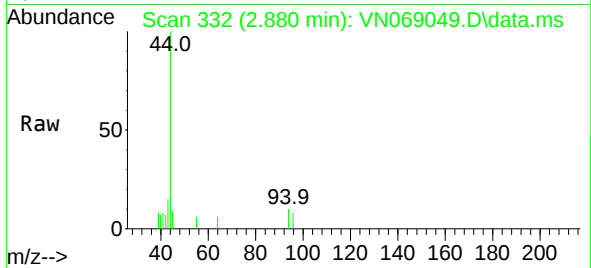




#5
Bromomethane
Concen: 0.246 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

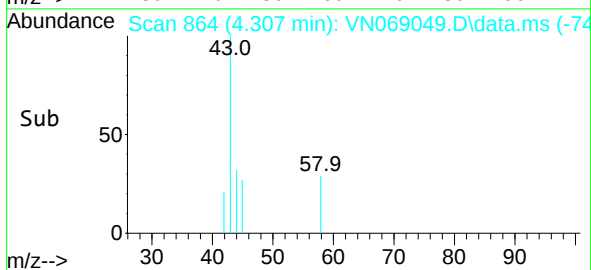
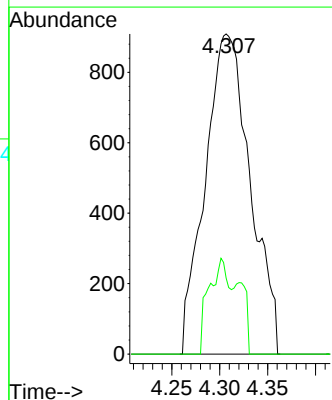
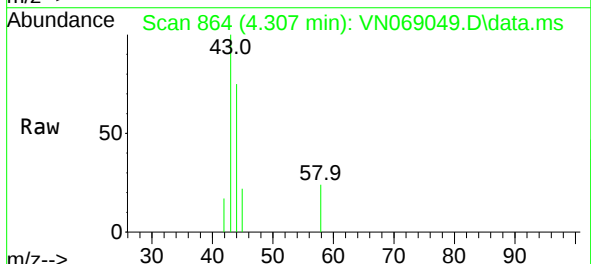
Instrument :
MSVOA_N
ClientSampled :

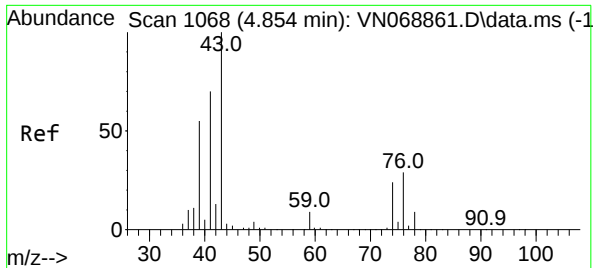
Tgt Ion: 94 Resp: 542
Ion Ratio Lower Upper
94 100
96 78.2 74.2 111.4



#16
Acetone
Concen: 1.877 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.021 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

Tgt Ion: 43 Resp: 2975
Ion Ratio Lower Upper
43 100
58 23.8 24.5 36.7#





#18

Methyl Acetate

Concen: 0.475 ug/l

RT: 4.870 min Scan# 1074

Delta R.T. 0.016 min

Lab File: VN069049.D

Acq: 20 Oct 2021 2:12

Tgt Ion: 43 Resp: 2856

Ion Ratio Lower Upper

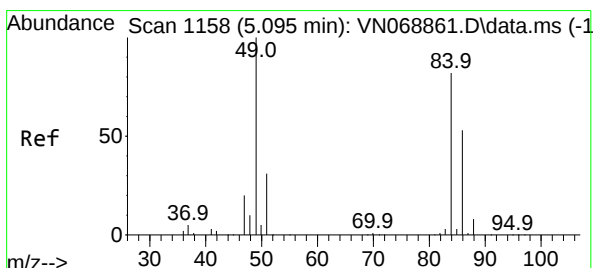
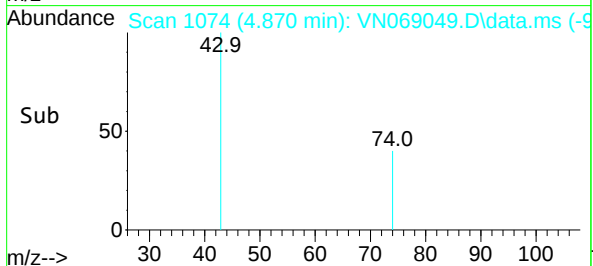
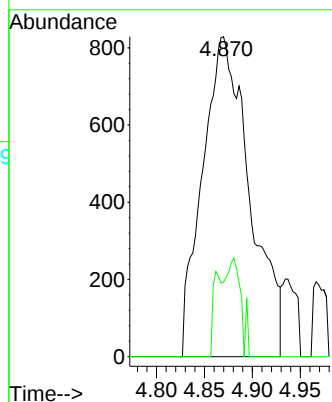
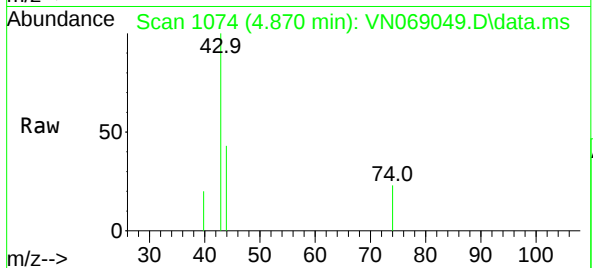
43 100

74 4.6 18.9 28.3#

Instrument :

MSVOA_N

ClientSampled :



#20

Methylene Chloride

Concen: 0.331 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN069049.D

Acq: 20 Oct 2021 2:12

Tgt Ion: 84 Resp: 1206

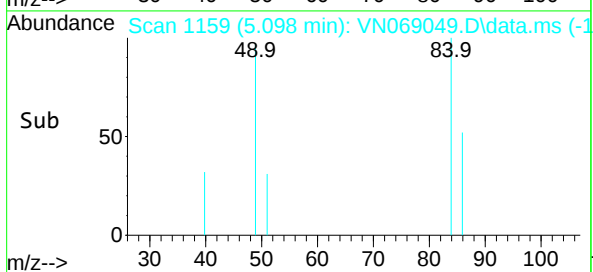
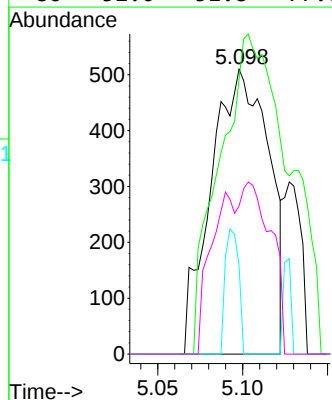
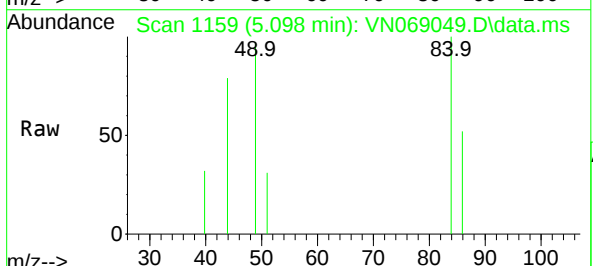
Ion Ratio Lower Upper

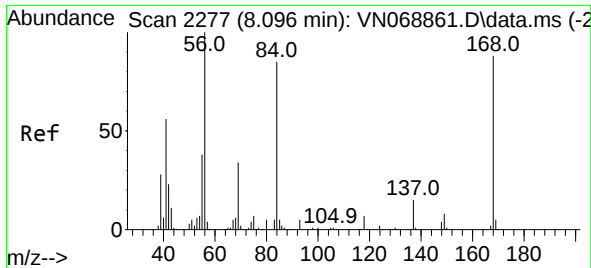
84 100

49 96.7 97.6 146.4#

51 31.0 30.3 45.5

86 52.0 51.8 77.6

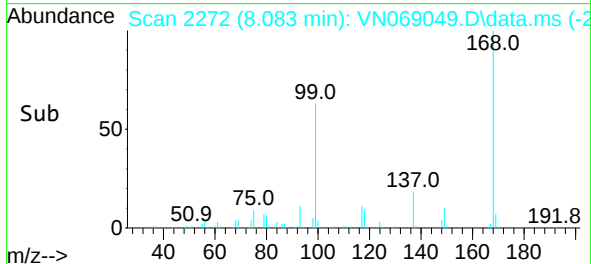
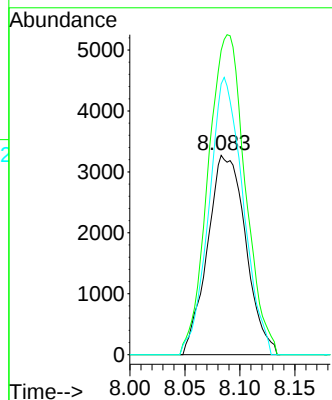
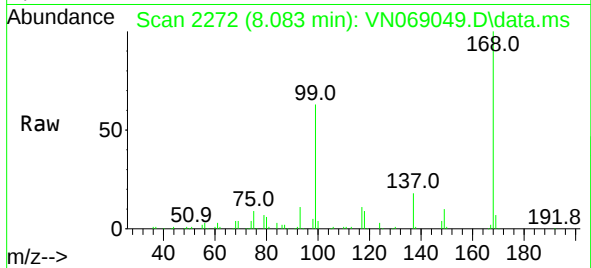




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

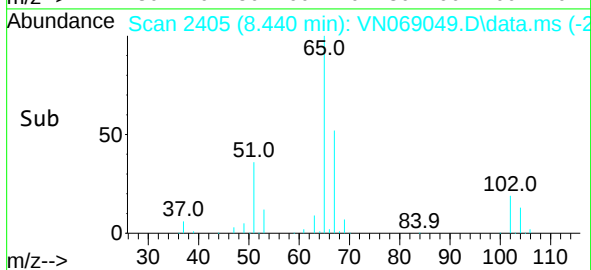
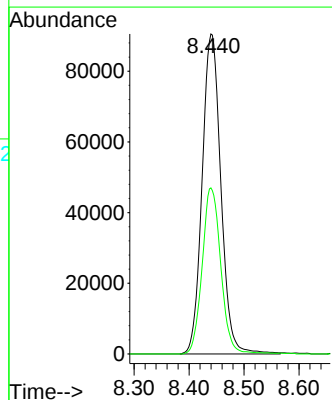
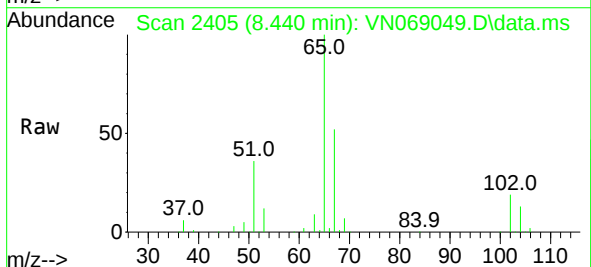
Instrument :
MSVOA_N
ClientSampled :

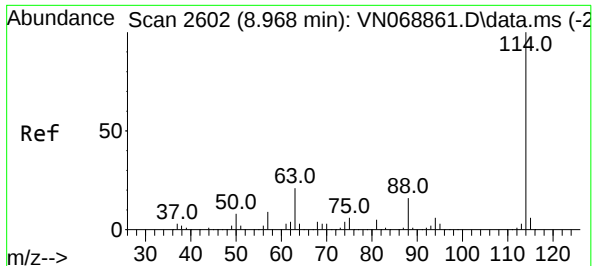
Tgt Ion: 56 Resp: 7903
Ion Ratio Lower Upper
56 100
69 152.6 26.9 40.3#
84 135.8 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.602 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

Tgt Ion: 65 Resp: 214918
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8

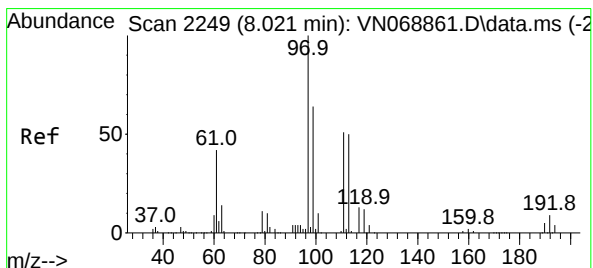
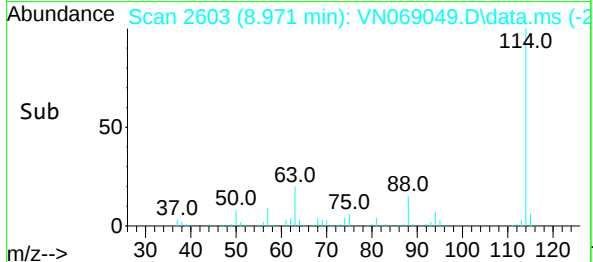
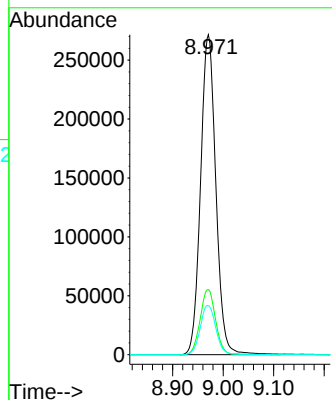
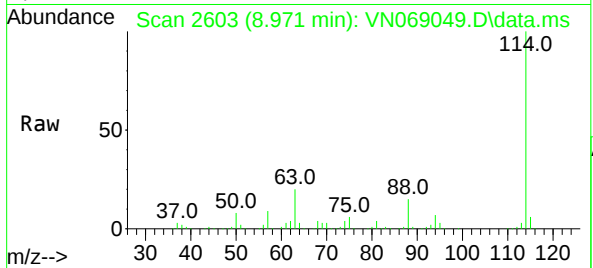




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

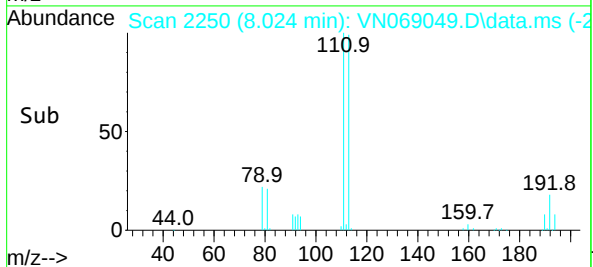
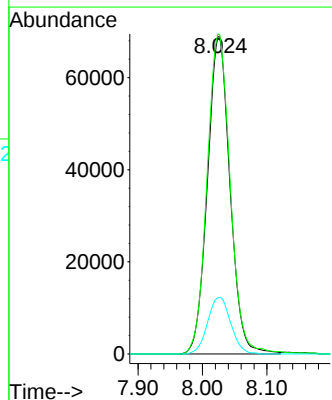
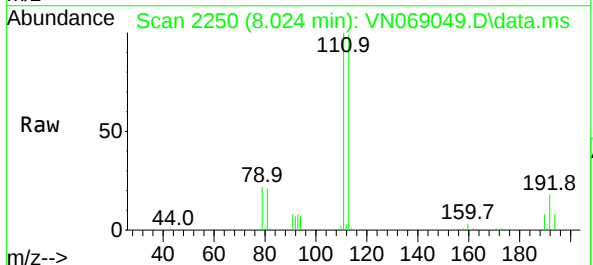
Instrument :
MSVOA_N
ClientSampled :

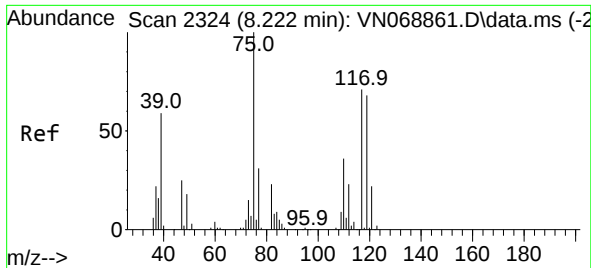
Tgt Ion:114 Resp: 570749
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 15.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.458 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

Tgt Ion:113 Resp: 167556
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 18.3 15.0 22.4

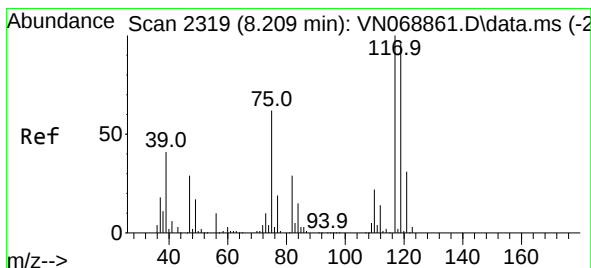
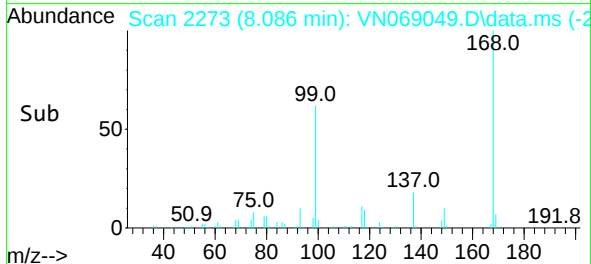
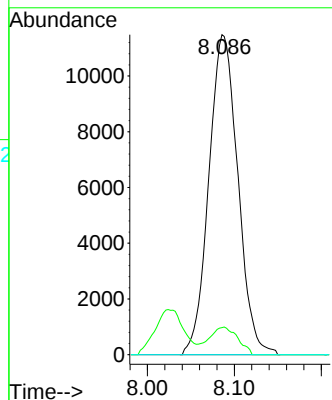
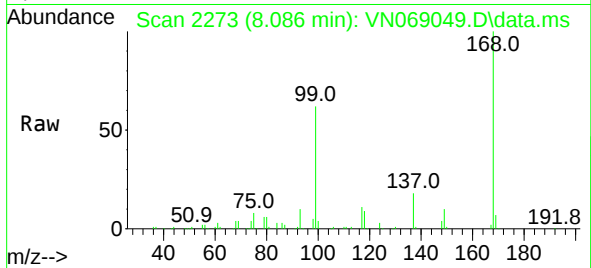




#36
1,1-Dichloropropene
Concen: 5.467 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

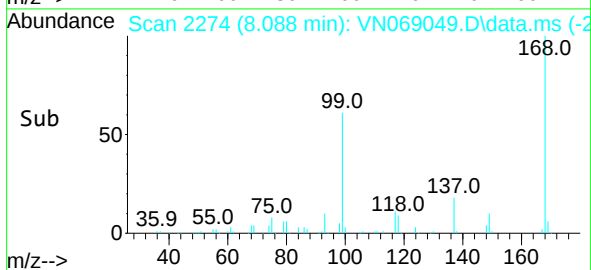
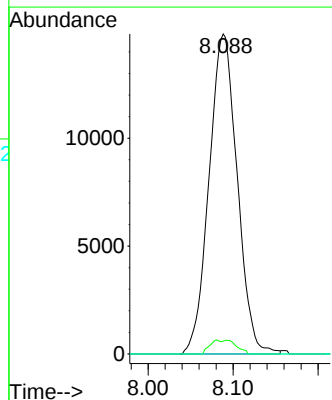
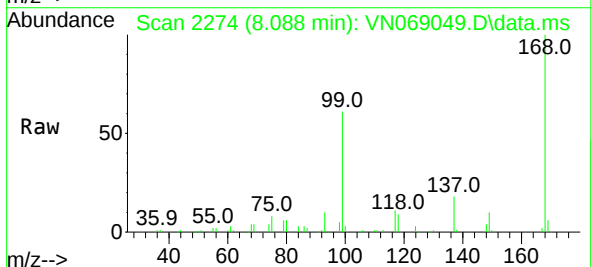
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MSVOA_N
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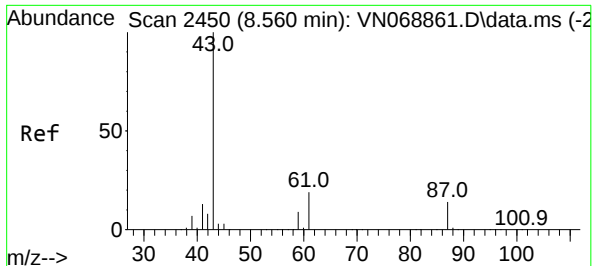
Tgt Ion: 75 Resp: 26650
Ion Ratio Lower Upper
75 100
110 8.2 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

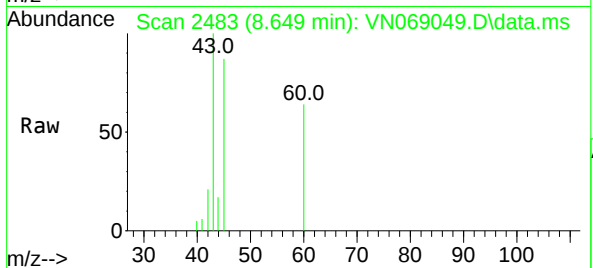
Tgt Ion: 117 Resp: 34194
Ion Ratio Lower Upper
117 100
119 4.0 76.9 115.3#
121 0.0 24.6 37.0#



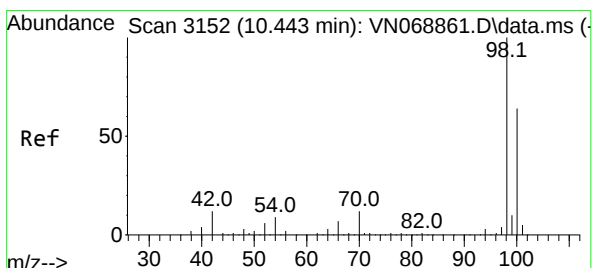
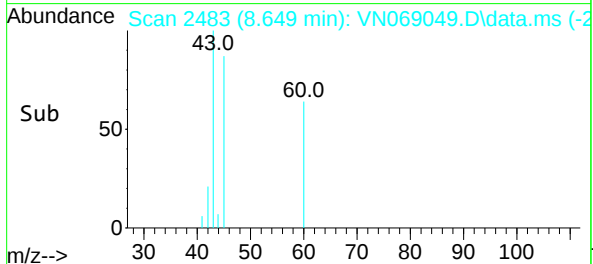
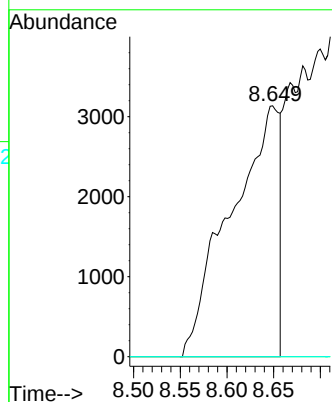


#43
Isopropyl Acetate
Concen: 1.273 ug/l
RT: 8.649 min Scan# 2483
Delta R.T. 0.089 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

Instrument :
MSVOA_N
ClientSampled :

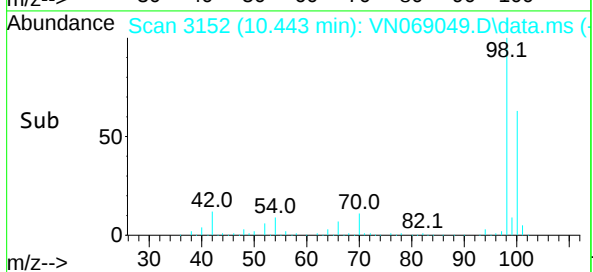
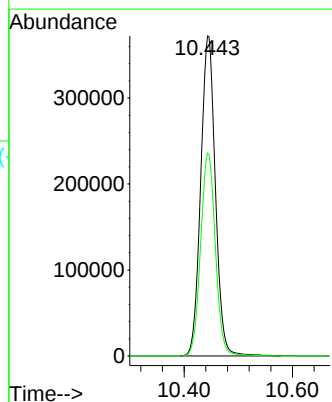
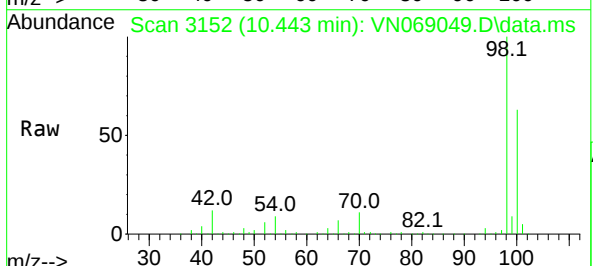


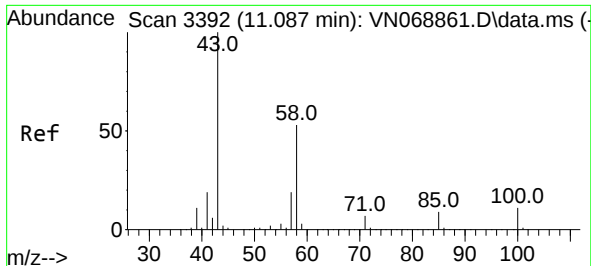
Tgt Ion: 43 Resp: 11311
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 52.735 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

Tgt Ion: 98 Resp: 700660
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

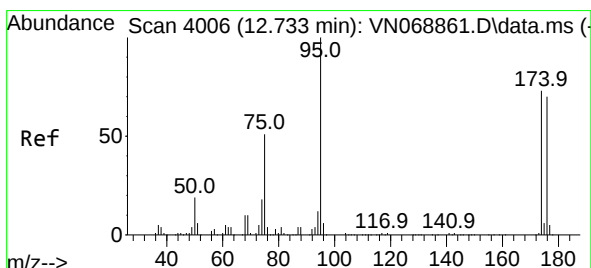
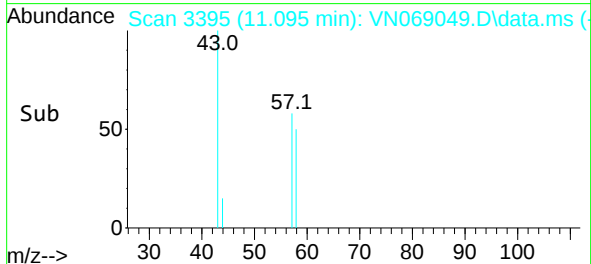
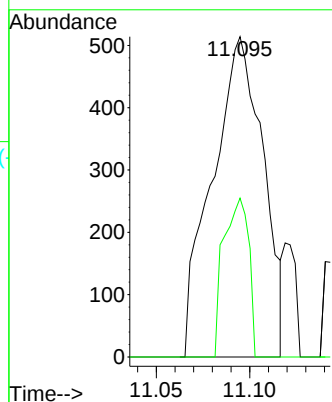
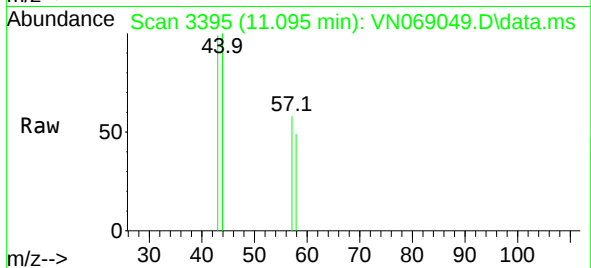




#59
2-Hexanone
Concen: 0.264 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

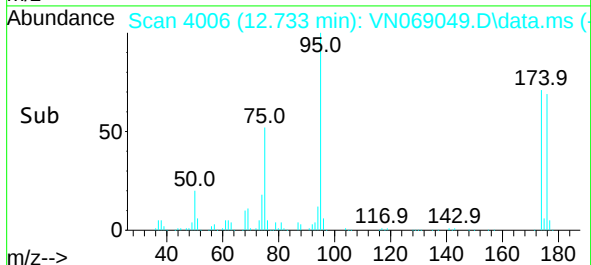
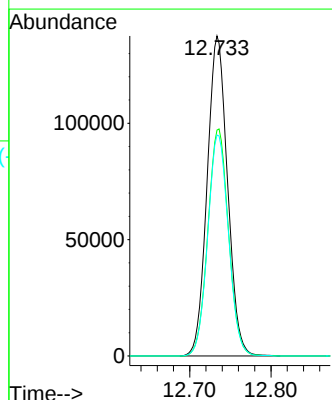
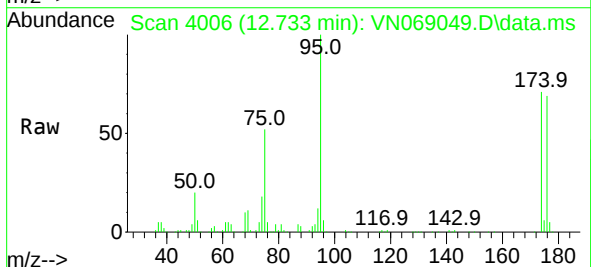
Instrument :
MSVOA_N
ClientSampled :

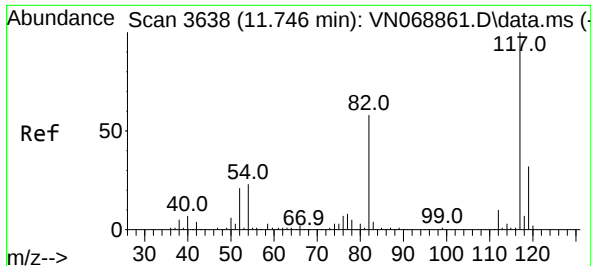
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 24.4 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 47.723 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

Tgt Ion: 95 Resp: 239230
Ion Ratio Lower Upper
95 100
174 72.0 0.0 144.8
176 70.3 0.0 140.0

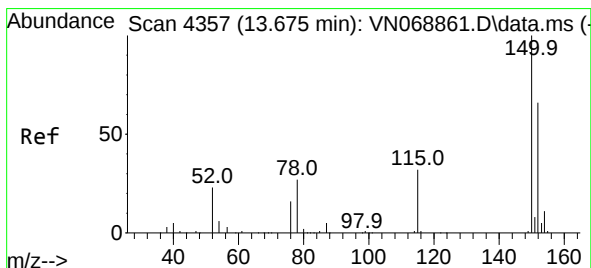
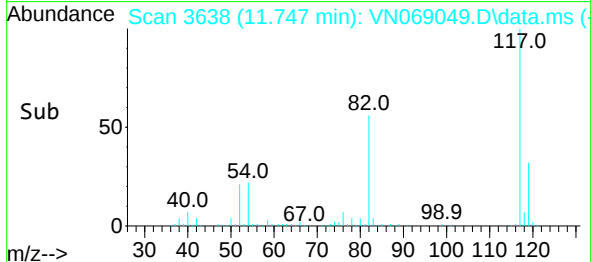
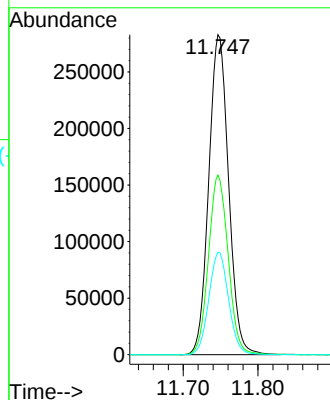
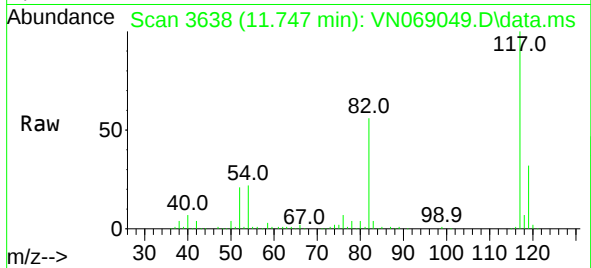




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

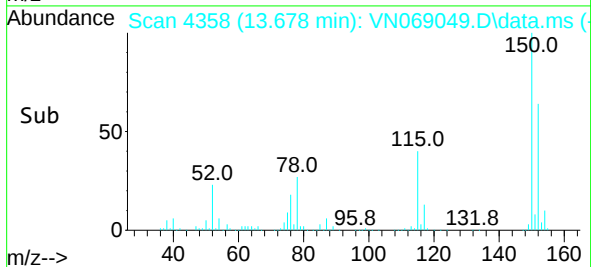
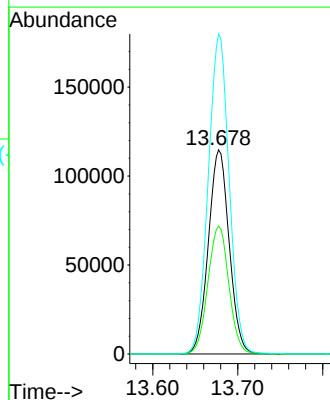
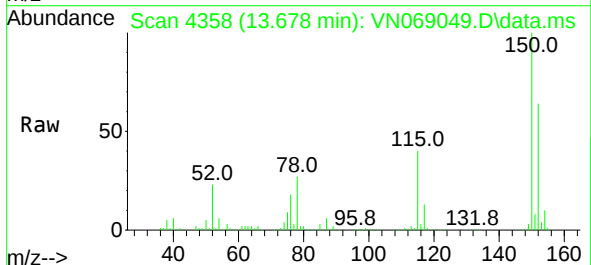
Instrument :
MSVOA_N
ClientSampled :

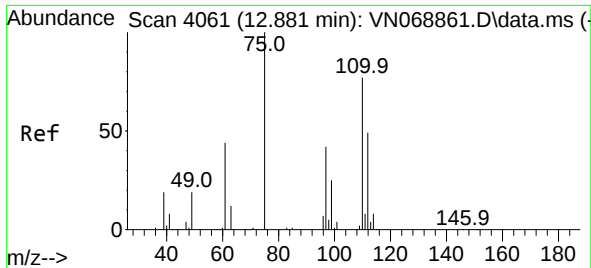
Tgt Ion:117 Resp: 520818
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

Tgt Ion:152 Resp: 195159
Ion Ratio Lower Upper
152 100
115 63.0 31.4 94.3
150 157.0 0.0 351.0

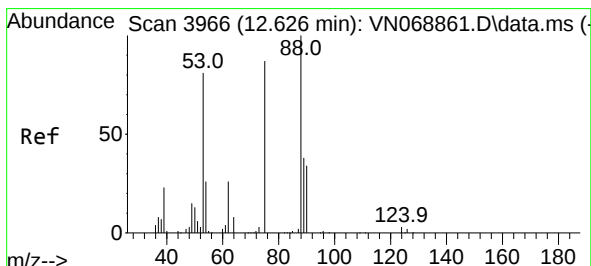
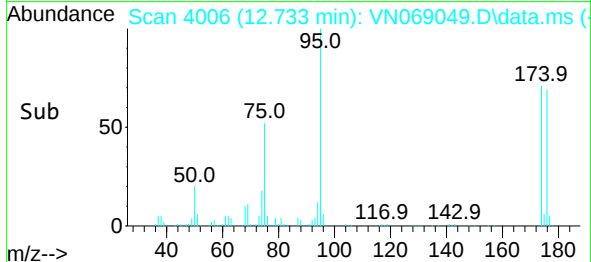
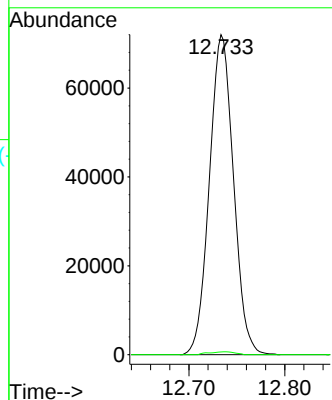
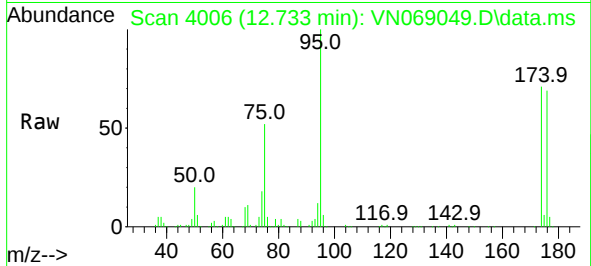




#76
1,2,3-Trichloropropane
Concen: 30.267 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

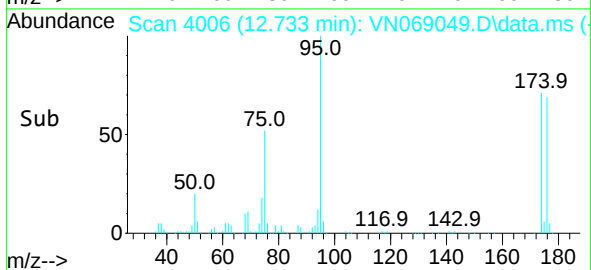
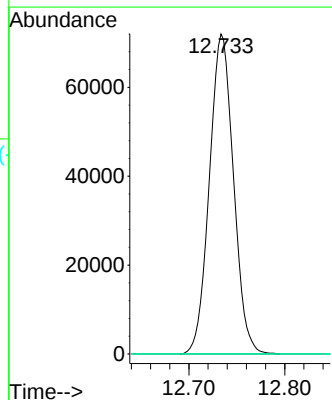
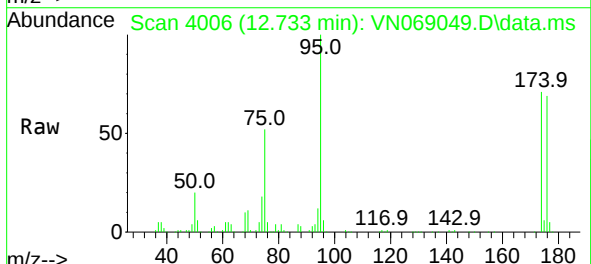
Instrument :
MSVOA_N
ClientSampled :

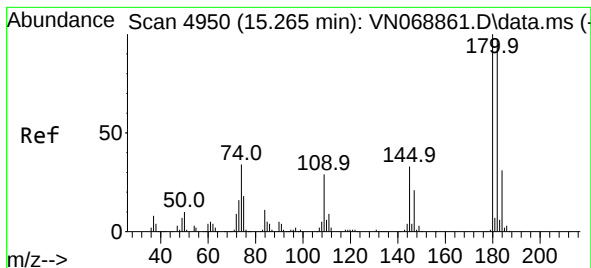
Tgt Ion: 75 Resp: 125682
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.412 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

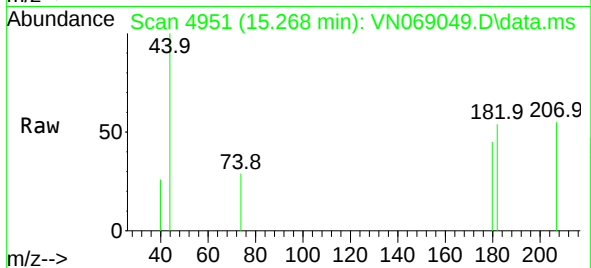
Tgt Ion: 75 Resp: 125682
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



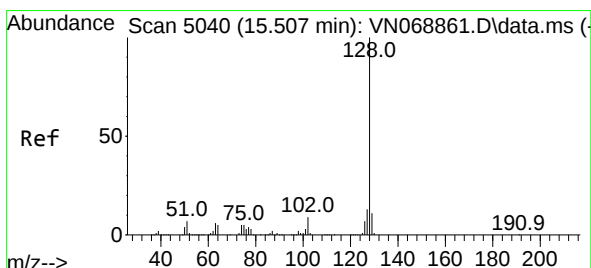
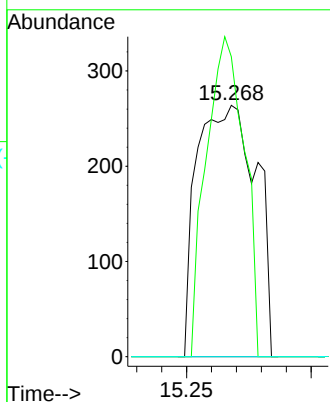
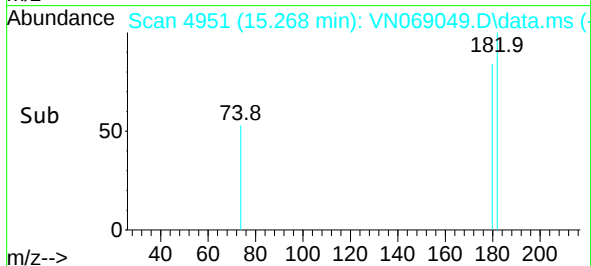


#93
1,2,4-Trichlorobenzene
Concen: 2.727 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12

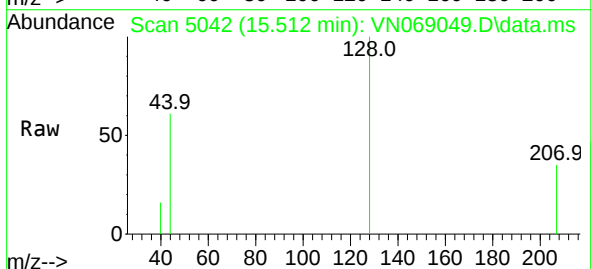
Instrument :
MSVOA_N
ClientSampled :



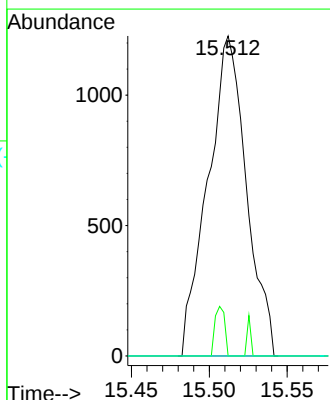
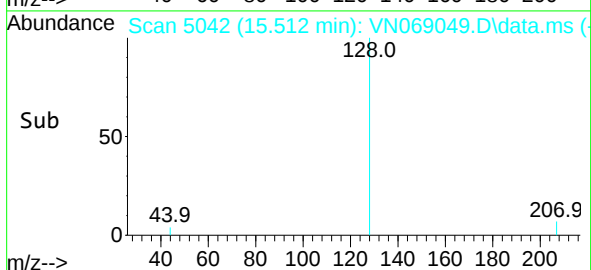
Tgt Ion:180 Resp: 435
Ion Ratio Lower Upper
180 100
182 81.6 47.9 143.7
145 0.0 16.4 49.2#

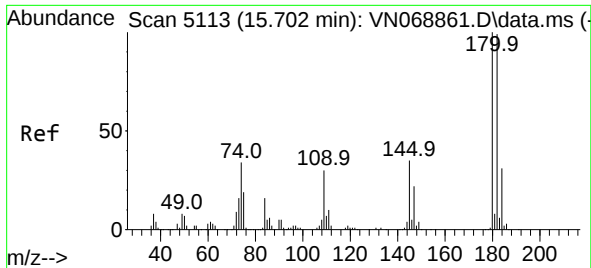


#95
Naphthalene
Concen: 4.027 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069049.D
Acq: 20 Oct 2021 2:12



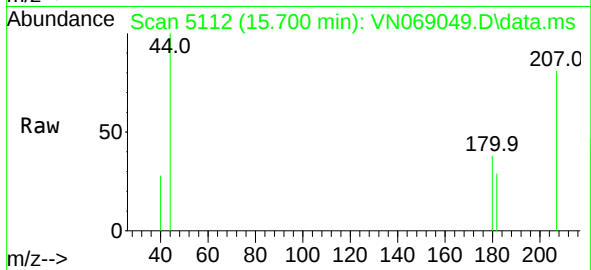
Tgt Ion:128 Resp: 2110
Ion Ratio Lower Upper
128 100
127 3.9 10.5 15.7#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.581 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN069049.D
 Acq: 20 Oct 2021 2:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 221
 Ion Ratio Lower Upper
 180 100
 182 100.5 48.1 144.3
 145 0.0 17.4 52.2#

