

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069085.D
 Acq On : 21 Oct 2021 13:56
 Operator : JC/MD
 Sample : M4253-04 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:32:50 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)

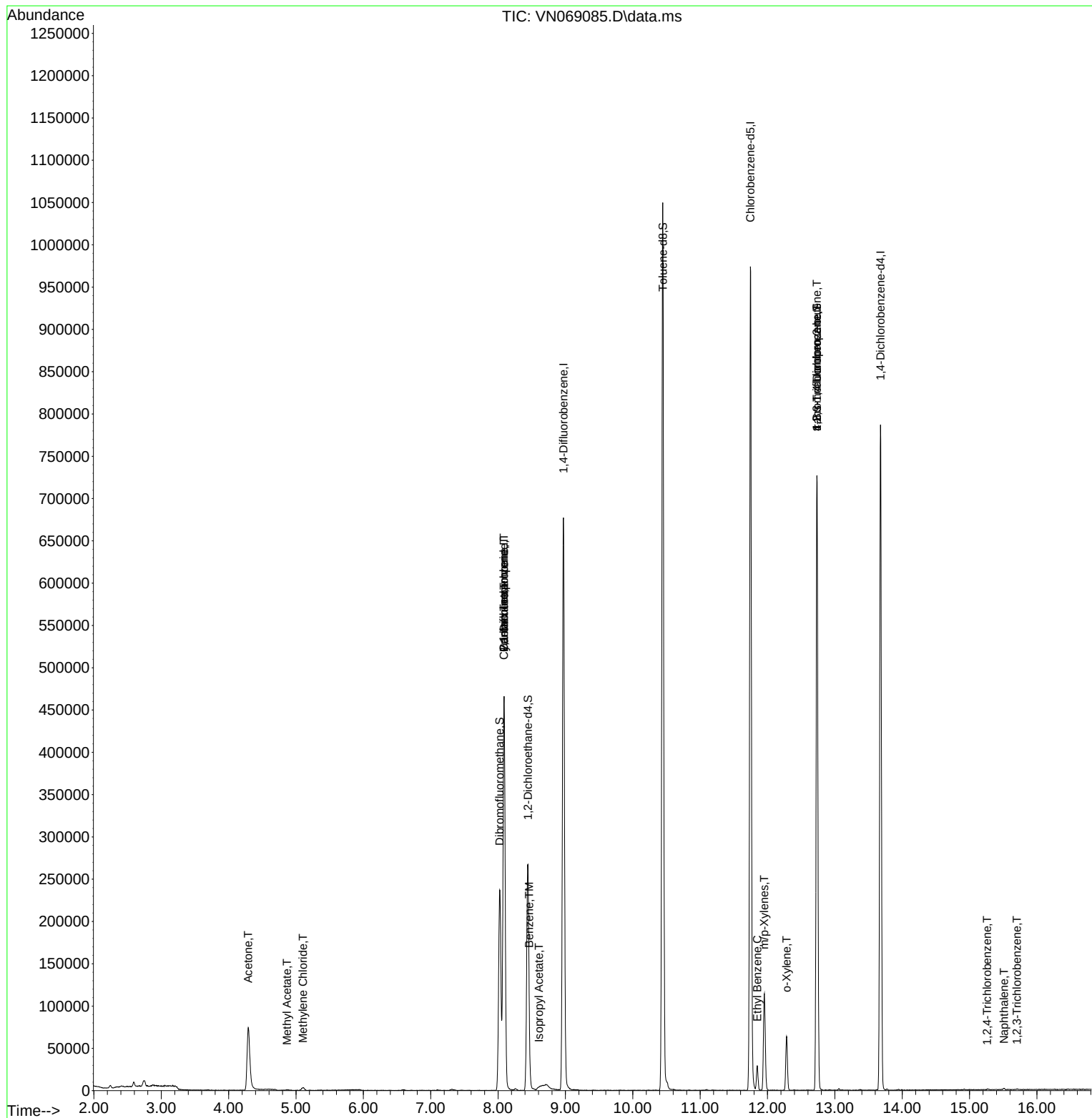
Internal Standards						
1) Pentafluorobenzene	8.088	168	347161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	612986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	576726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	210564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	229960	50.240	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.480%		
35) Dibromofluoromethane	8.024	113	179362	50.292	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.580%		
50) Toluene-d8	10.446	98	758355	53.144	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.280%		
62) 4-Bromofluorobenzene	12.734	95	268183	49.813	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 99.620%		
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	143569	84.051	ug/l	98
18) Methyl Acetate	4.867	43	1299	0.200	ug/l #	65
20) Methylene Chloride	5.103	84	2945	0.749	ug/l	84
31) Cyclohexane	8.086	56	8247	1.159	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	28507	5.445	ug/l #	49
38) Carbon Tetrachloride	8.088	117	36764	6.393	ug/l #	16
40) Benzene	8.461	78	5292	0.332	ug/l	97
43) Isopropyl Acetate	8.609	43	2876	0.301	ug/l #	55
67) Ethyl Benzene	11.849	91	22244	1.097	ug/l	97
68) m/p-Xylenes	11.953	106	37385	4.865	ug/l	100
69) o-Xylene	12.283	106	18307	2.380	ug/l	99
76) 1,2,3-Trichloropropane	12.734	75	140446	31.348	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	140446	74.999	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.260	180	212	2.658	ug/l #	3
95) Naphthalene	15.509	128	2302	4.029	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.703	180	436	2.637	ug/l #	83

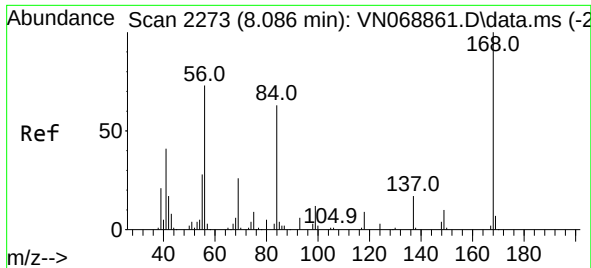
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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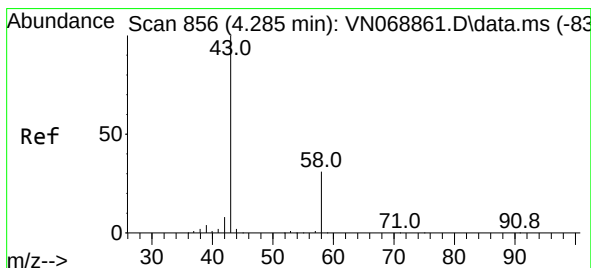
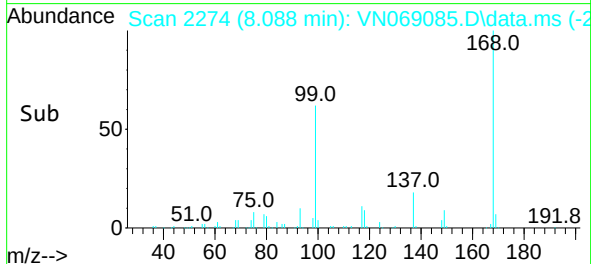
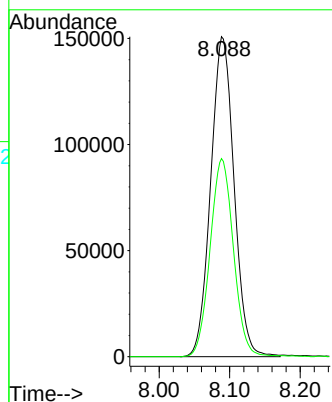
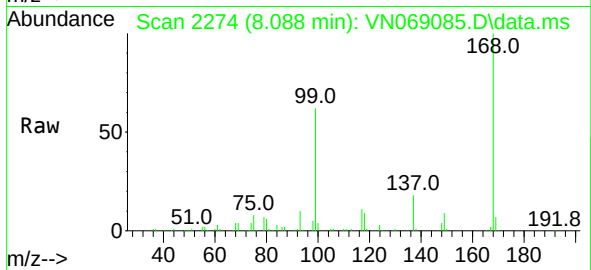




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

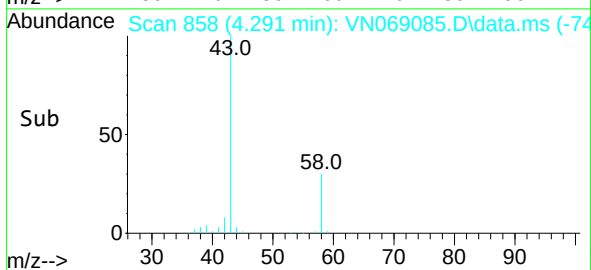
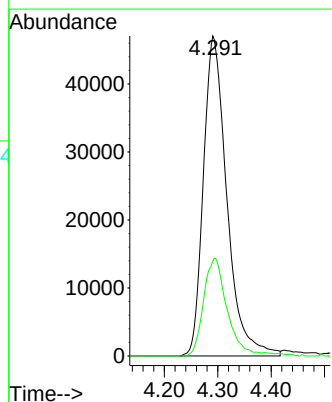
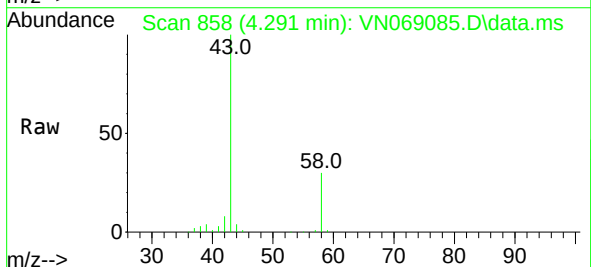
Instrument :
MSVOA_N
ClientSampled :

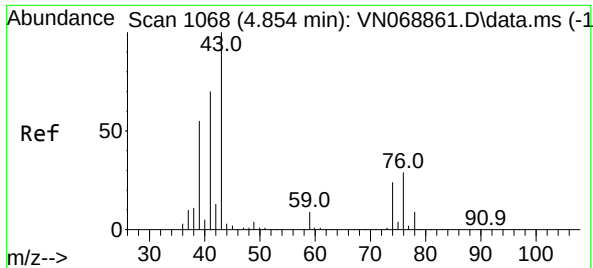
Tgt Ion:168 Resp: 347161
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#16
Acetone
Concen: 84.051 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

Tgt Ion: 43 Resp: 143569
Ion Ratio Lower Upper
43 100
58 29.7 24.5 36.7





#18

Methyl Acetate

Concen: 0.200 ug/l

RT: 4.867 min Scan# 1073

Delta R.T. 0.014 min

Lab File: VN069085.D

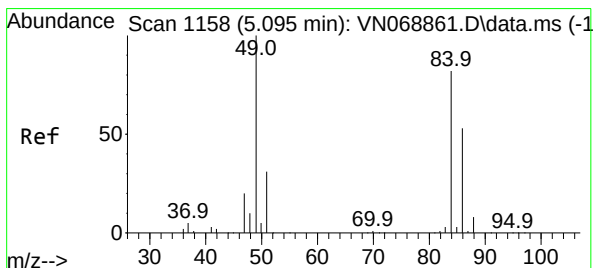
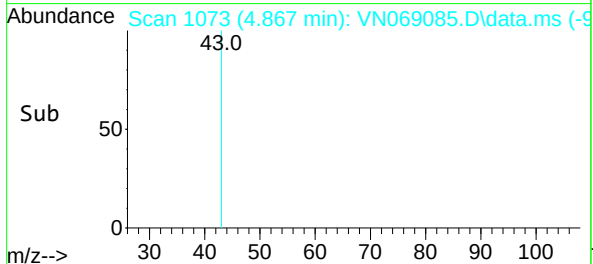
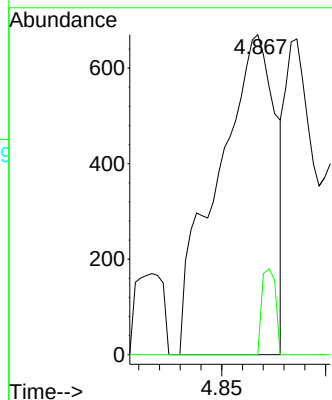
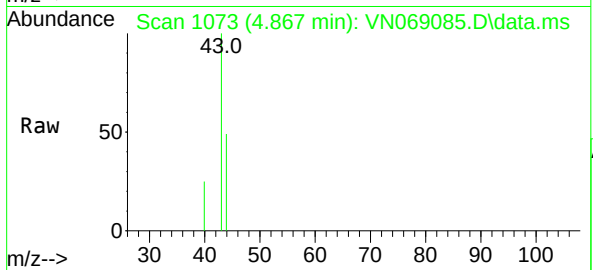
Acq: 21 Oct 2021 13:56

Tgt Ion: 43 Resp: 1299

Ion Ratio Lower Upper

43 100

74 6.3 18.9 28.3#



#20

Methylene Chloride

Concen: 0.749 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.008 min

Lab File: VN069085.D

Acq: 21 Oct 2021 13:56

Tgt Ion: 84 Resp: 2945

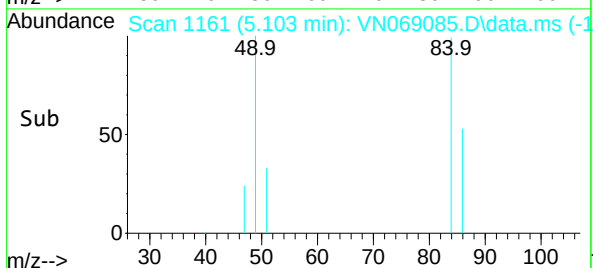
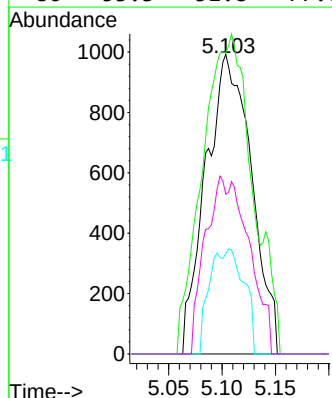
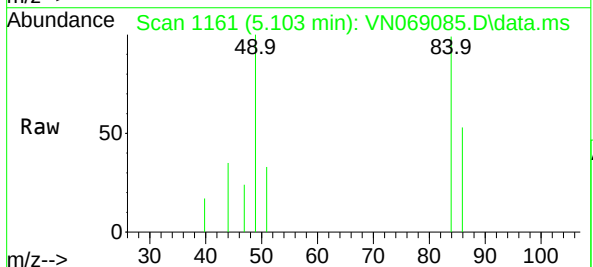
Ion Ratio Lower Upper

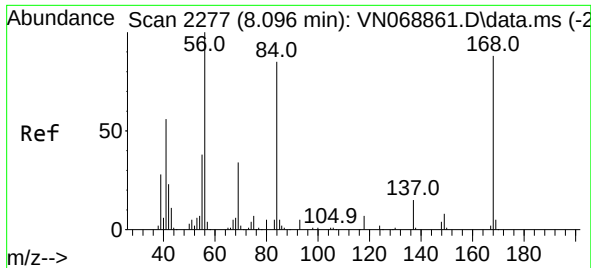
84 100

49 100.5 97.6 146.4

51 33.5 30.3 45.5

86 53.3 51.8 77.6

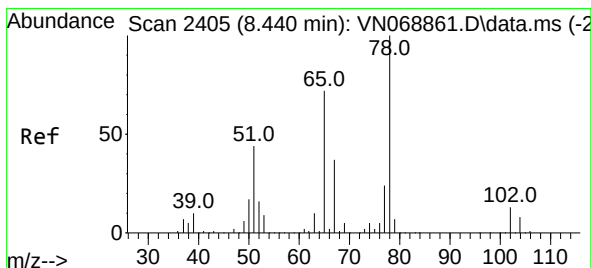
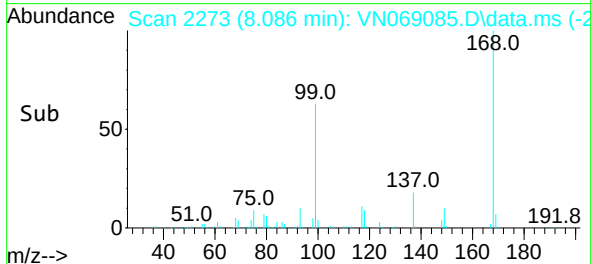
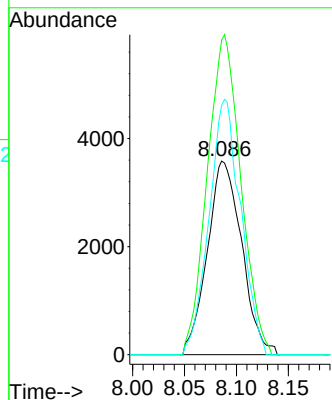
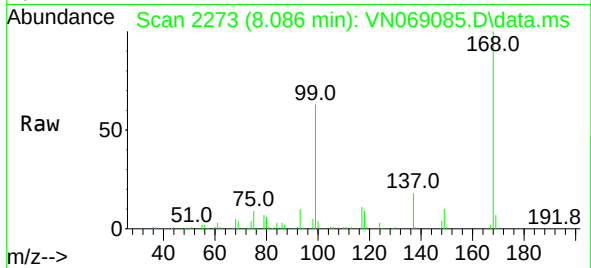




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

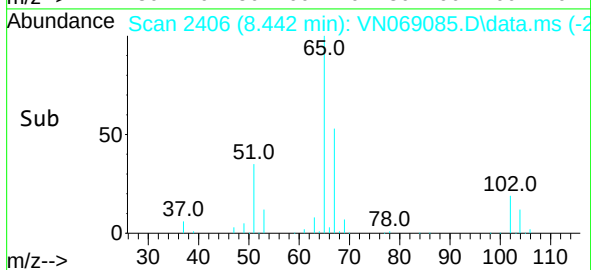
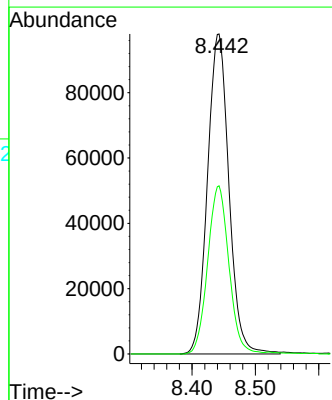
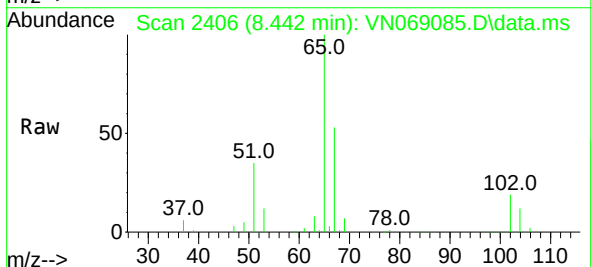
Instrument :
MSVOA_N
ClientSampleId :

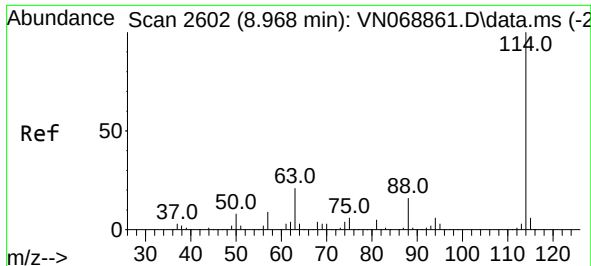
Tgt Ion: 56 Resp: 8247
Ion Ratio Lower Upper
56 100
69 162.5 26.9 40.3#
84 128.8 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.240 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

Tgt Ion: 65 Resp: 229960
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8

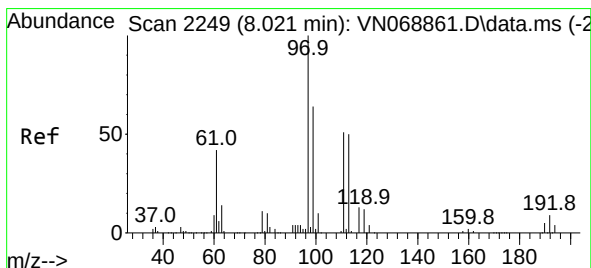
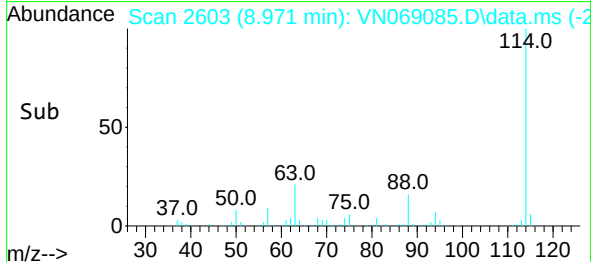
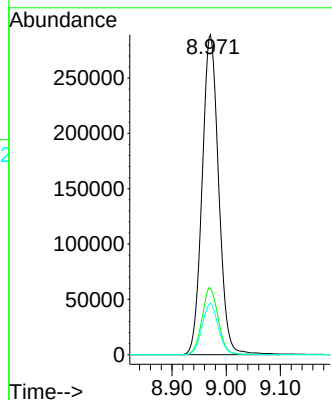
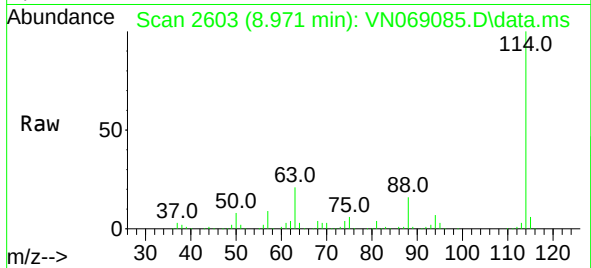




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

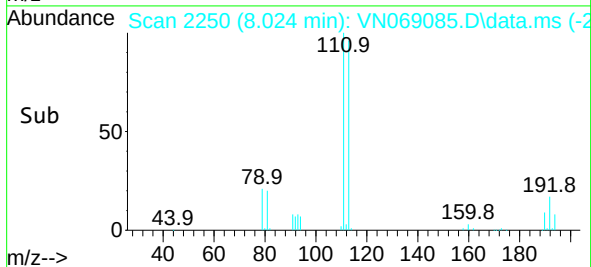
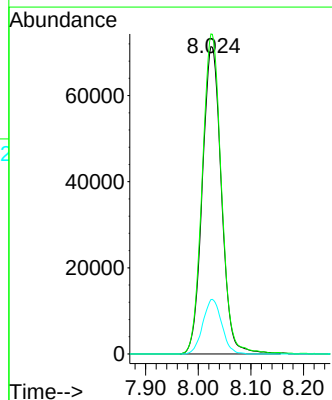
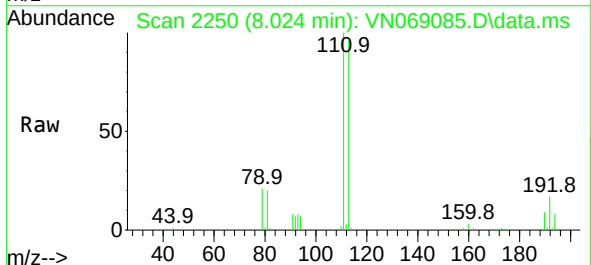
Instrument :
MSVOA_N
ClientSampled :

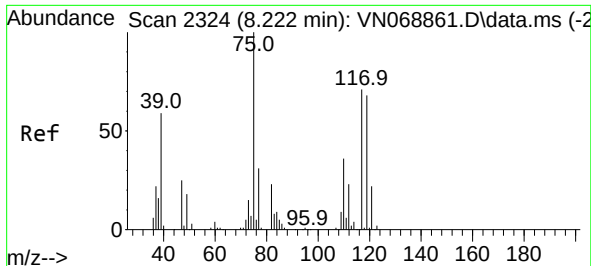
Tgt Ion:114 Resp: 612986
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.292 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

Tgt Ion:113 Resp: 179362
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 17.6 15.0 22.4

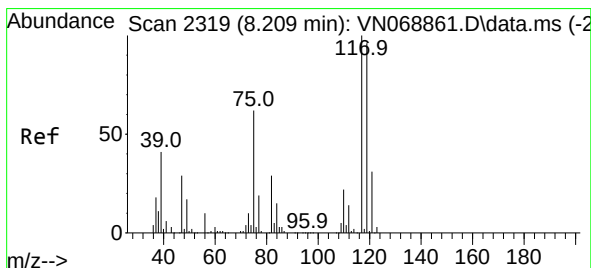
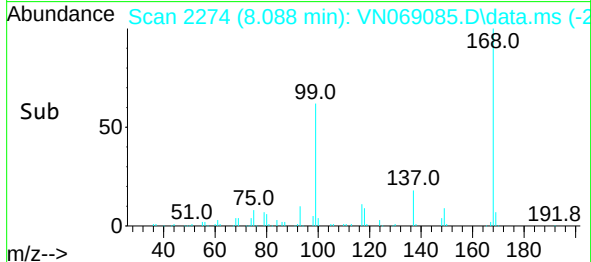
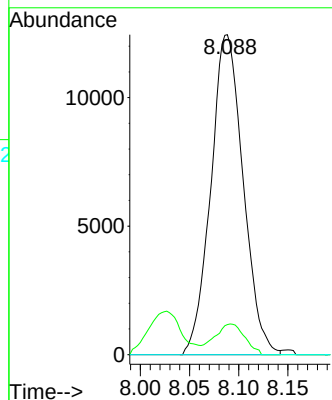
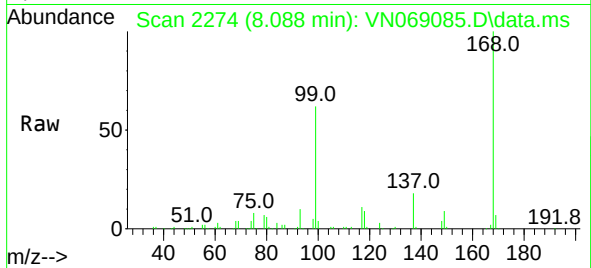




#36
 1,1-Dichloropropene
 Concen: 5.445 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN069085.D
 Acq: 21 Oct 2021 13:56

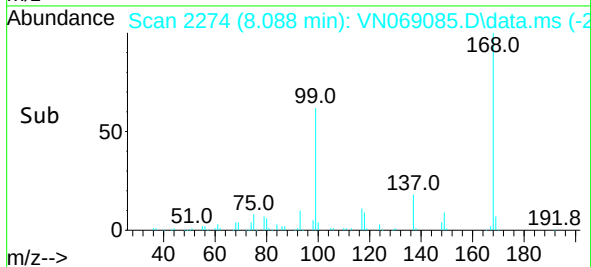
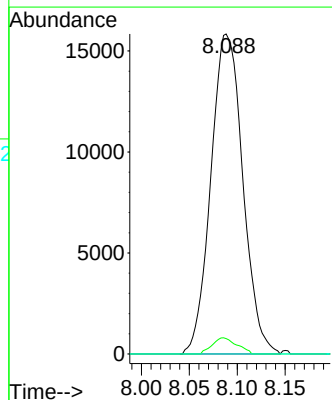
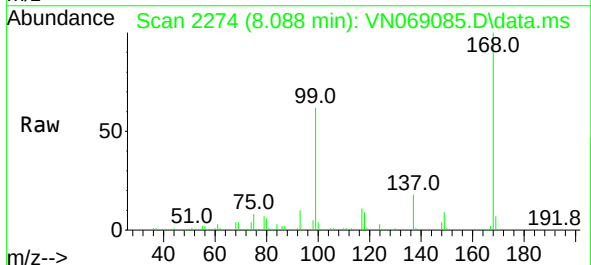
Instrument :
 MSVOA_N
 ClientSampled :

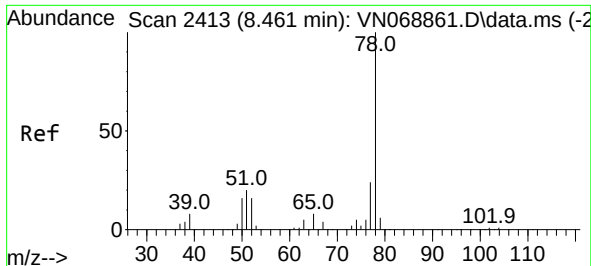
Tgt Ion: 75 Resp: 28507
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.9 53.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.393 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.121 min
 Lab File: VN069085.D
 Acq: 21 Oct 2021 13:56

Tgt Ion: 117 Resp: 36764
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.9 115.3#
 121 0.0 24.6 37.0#

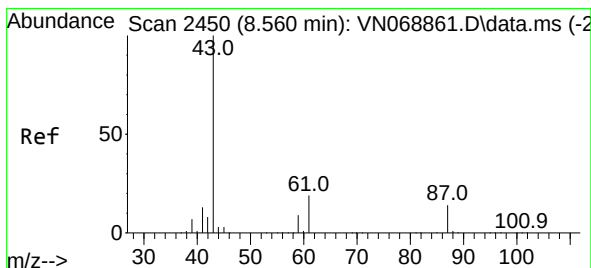
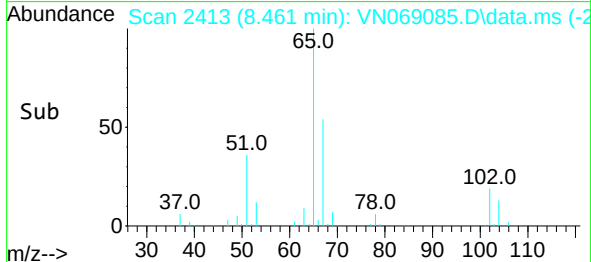
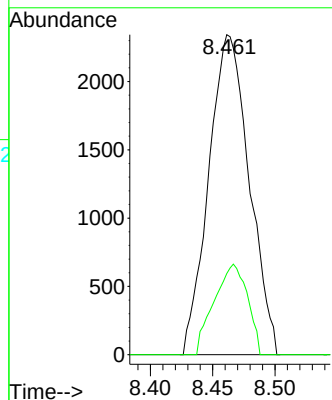
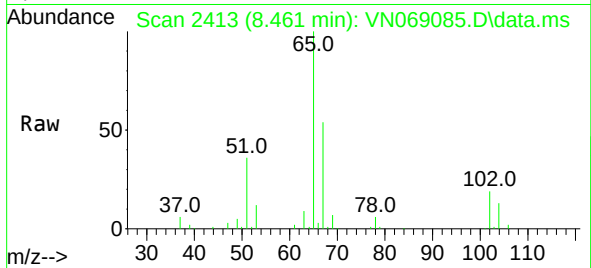




#40
Benzene
Concen: 0.332 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

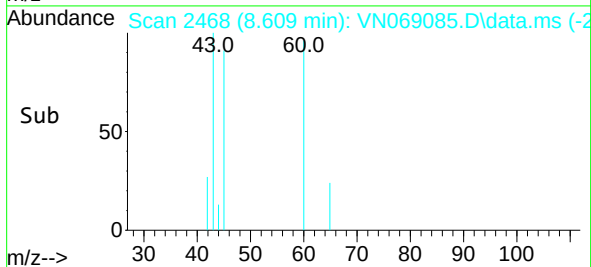
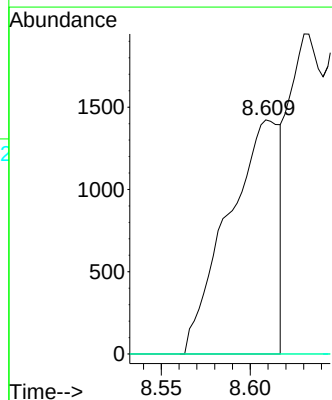
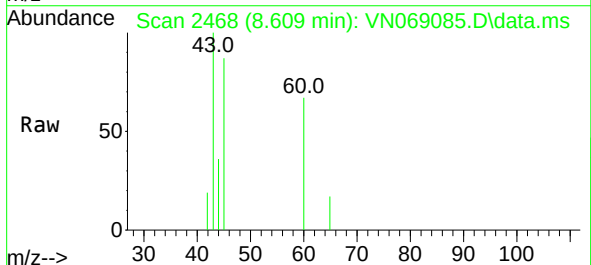
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MSVOA_N
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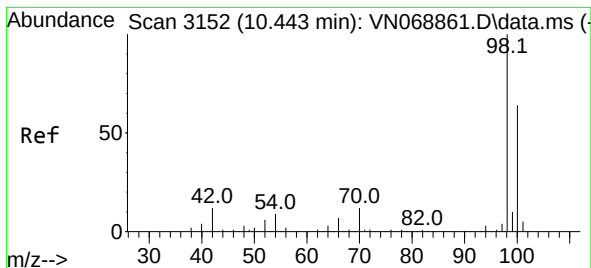
Tgt Ion: 78 Resp: 5292
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7



#43
Isopropyl Acetate
Concen: 0.301 ug/l
RT: 8.609 min Scan# 2468
Delta R.T. 0.048 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

Tgt Ion: 43 Resp: 2876
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

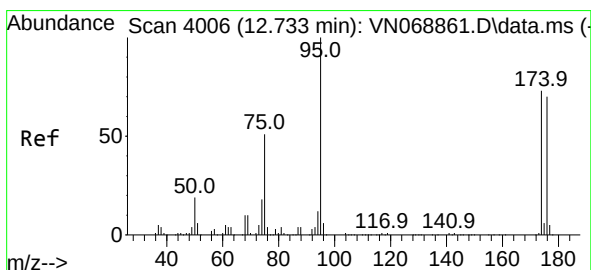
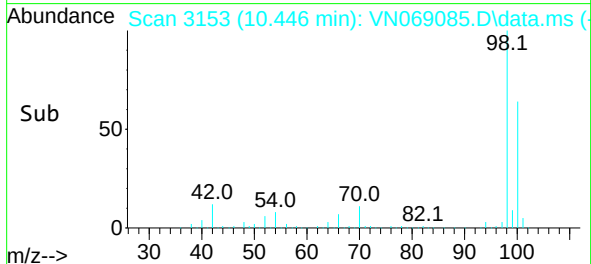
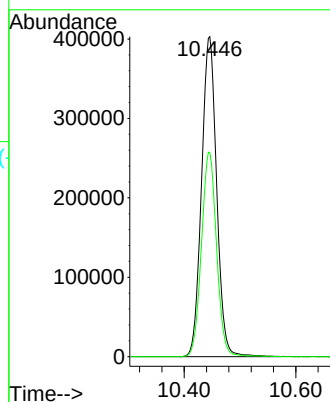
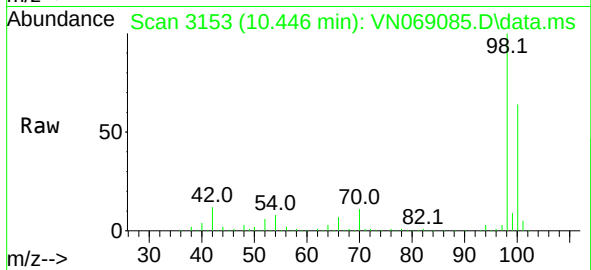




#50
Toluene-d8
Concen: 53.144 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

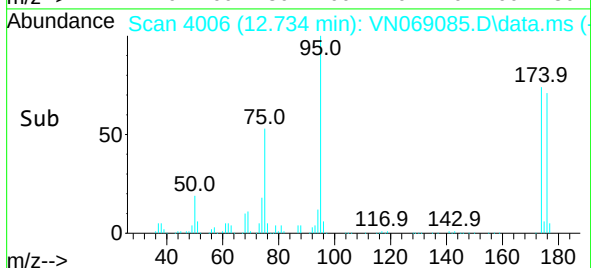
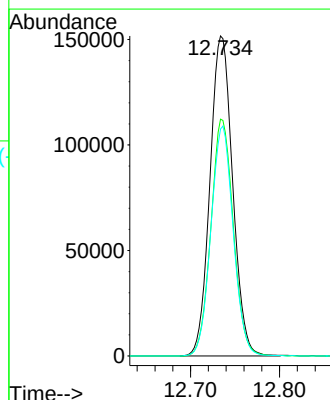
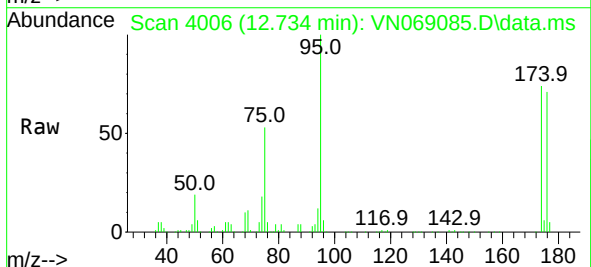
Instrument :
MSVOA_N
ClientSampled :

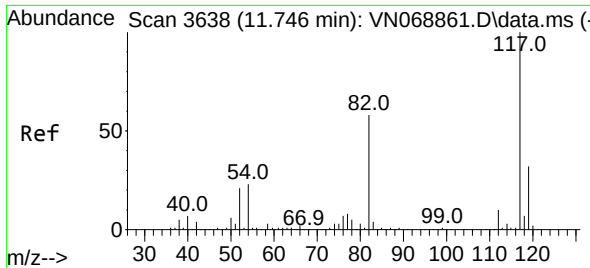
Tgt Ion: 98 Resp: 758355
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.813 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

Tgt Ion: 95 Resp: 268183
Ion Ratio Lower Upper
95 100
174 73.2 0.0 144.8
176 70.6 0.0 140.0

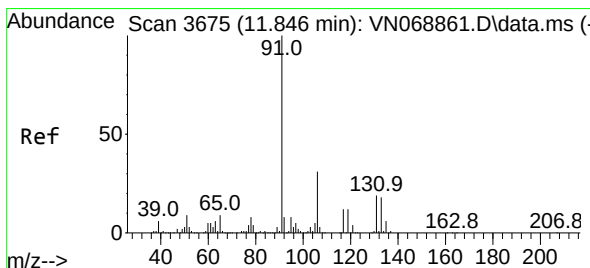
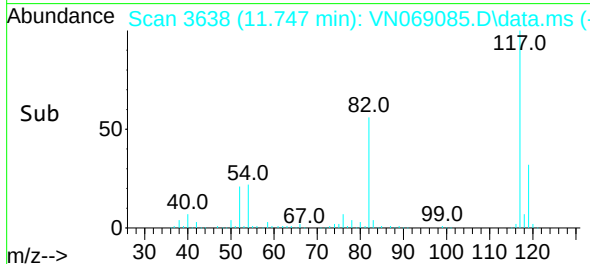
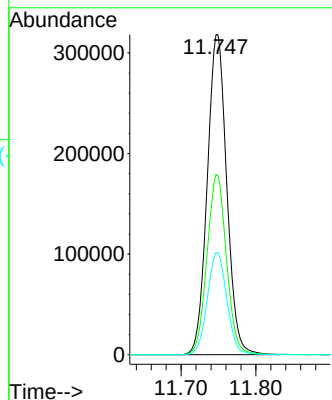
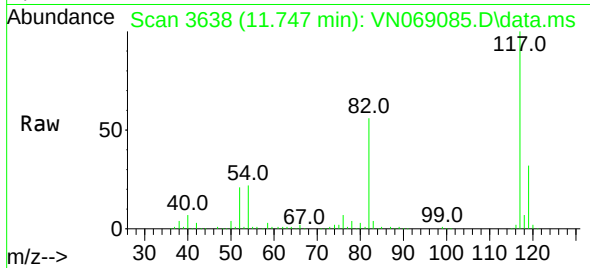




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

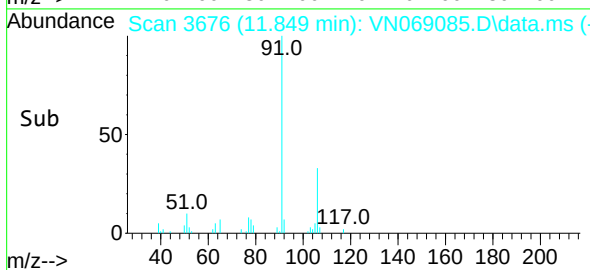
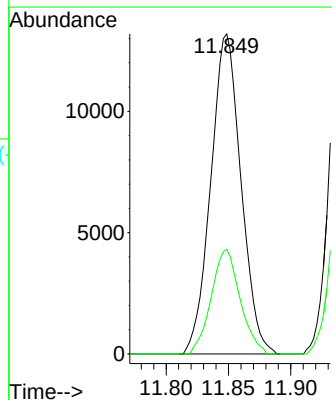
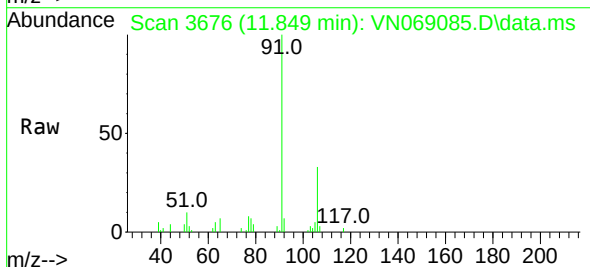
Instrument :
MSVOA_N
ClientSampleId :

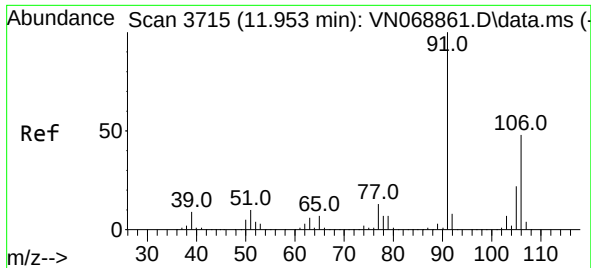
Tgt Ion:117 Resp: 576726
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 31.9 26.0 39.0



#67
Ethyl Benzene
Concen: 1.097 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

Tgt Ion: 91 Resp: 22244
Ion Ratio Lower Upper
91 100
106 32.6 24.8 37.2

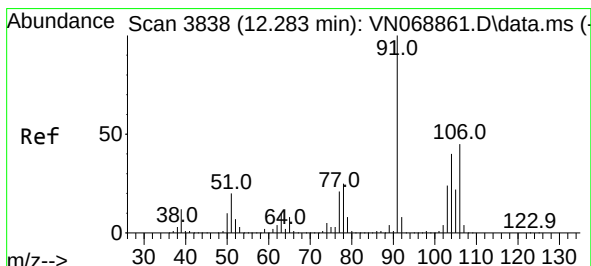
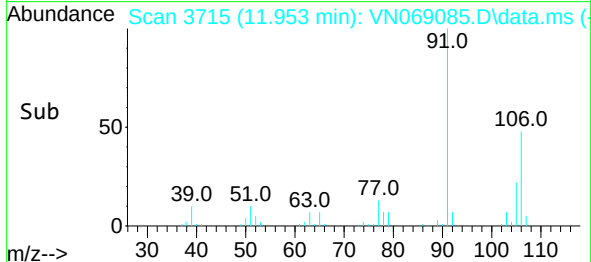
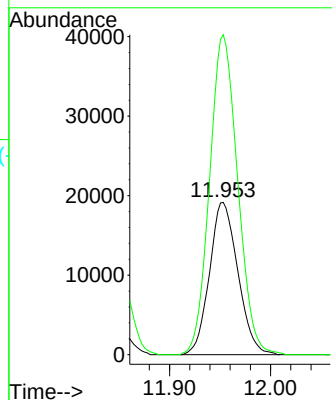
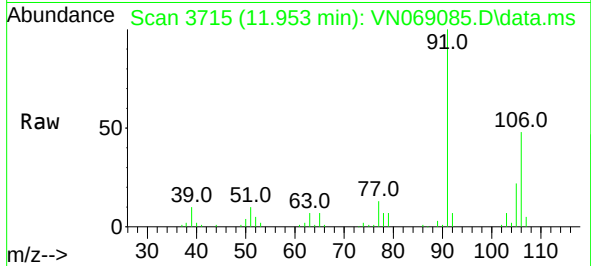




#68
m/p-Xylenes
Concen: 4.865 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

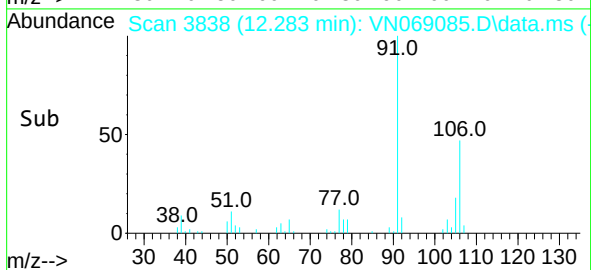
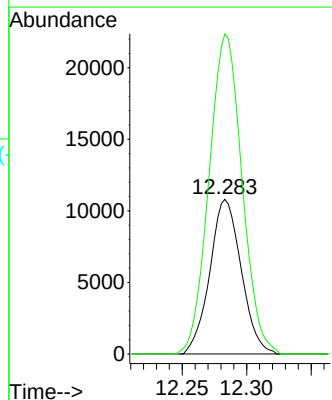
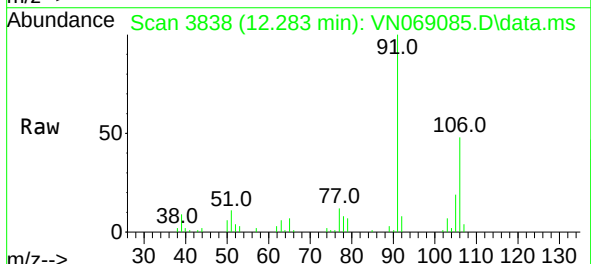
Instrument :
MSVOA_N
ClientSampled :

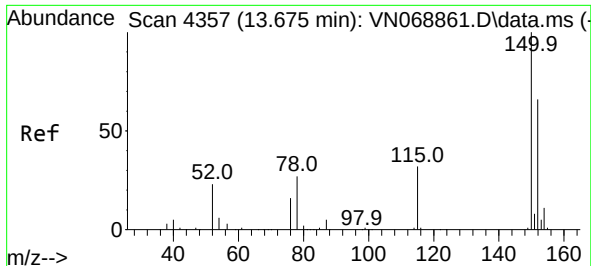
Tgt Ion:106 Resp: 37385
Ion Ratio Lower Upper
106 100
91 208.1 166.8 250.2



#69
o-Xylene
Concen: 2.380 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

Tgt Ion:106 Resp: 18307
Ion Ratio Lower Upper
106 100
91 217.2 109.6 328.6

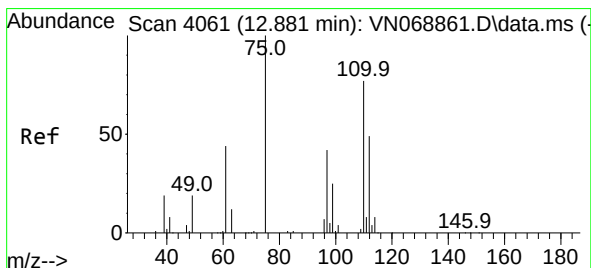
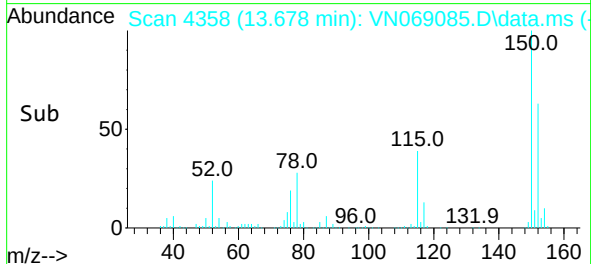
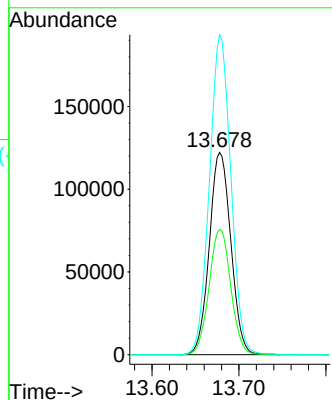
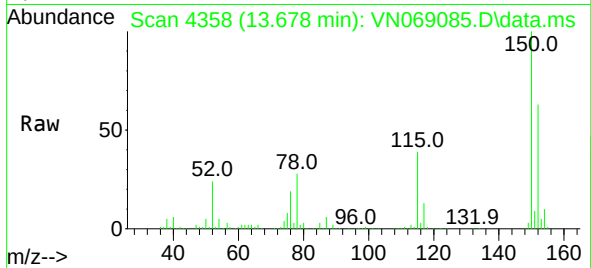




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069085.D
 Acq: 21 Oct 2021 13:56

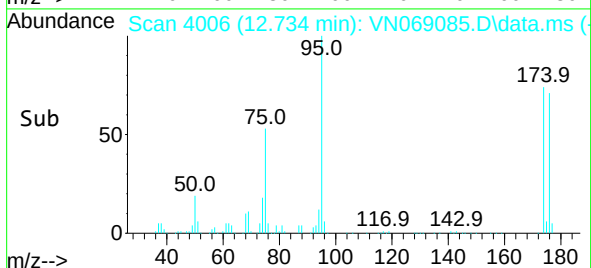
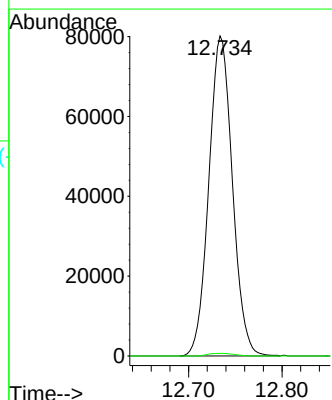
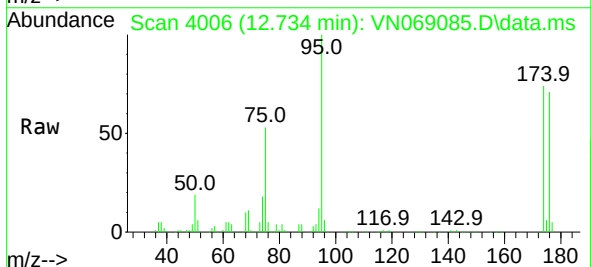
Instrument :
 MSVOA_N
 ClientSampled :

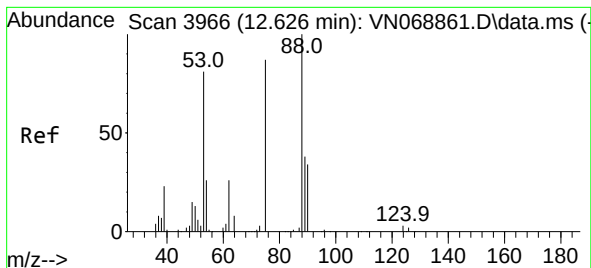
Tgt Ion:152 Resp: 210564
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.4 94.3
 150 157.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.348 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069085.D
 Acq: 21 Oct 2021 13:56

Tgt Ion: 75 Resp: 140446
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.2 288.4#

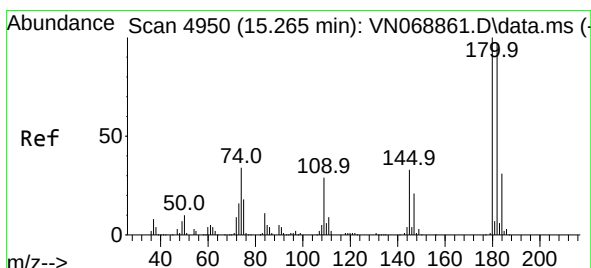
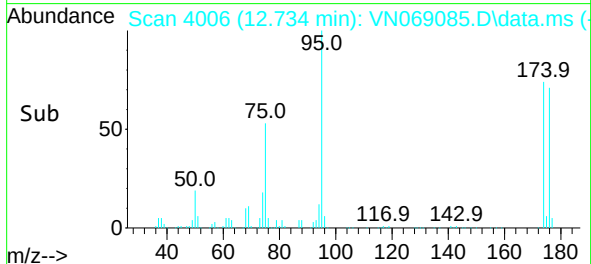
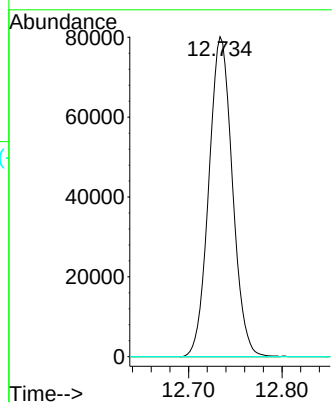
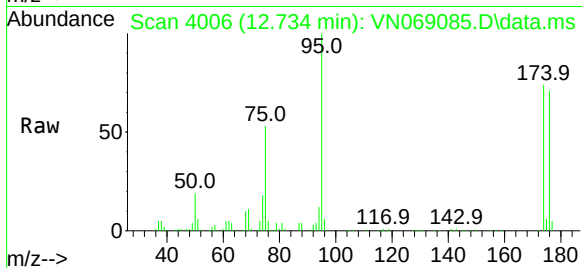




#81
trans-1,4-Dichloro-2-butene
Concen: 74.999 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

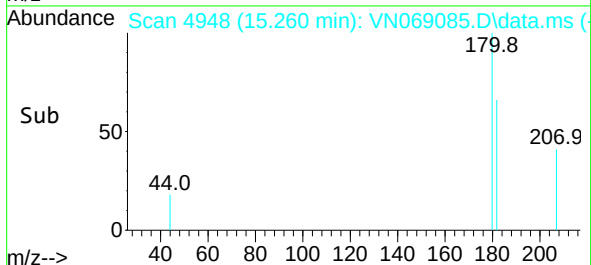
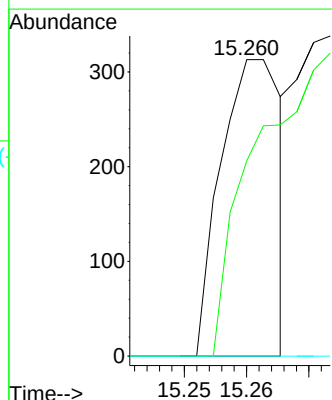
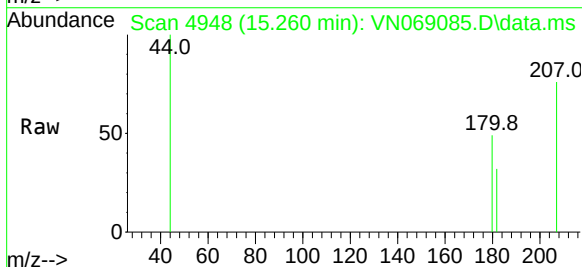
Instrument :
MSVOA_N
ClientSampled :

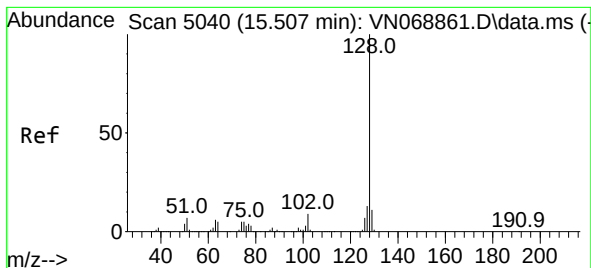
Tgt Ion: 75 Resp: 140446
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.658 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

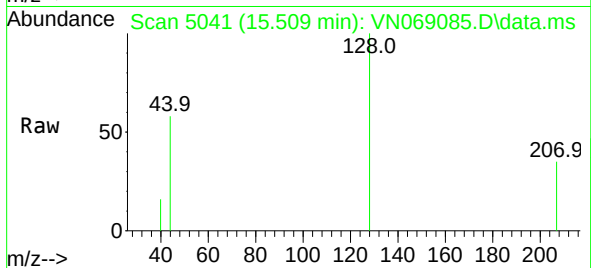
Tgt Ion:180 Resp: 212
Ion Ratio Lower Upper
180 100
182 203.3 47.9 143.7#
145 0.0 16.4 49.2#



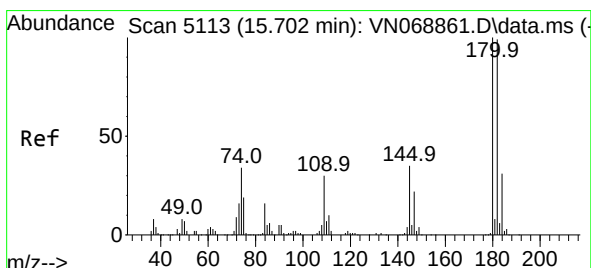
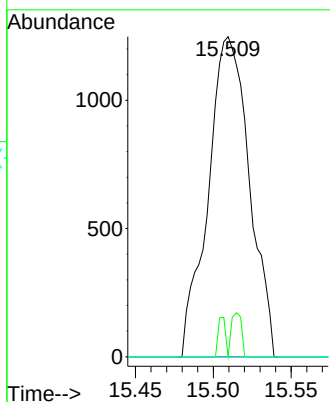
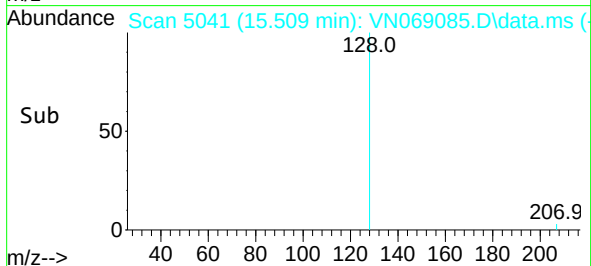


#95
Naphthalene
Concen: 4.029 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56

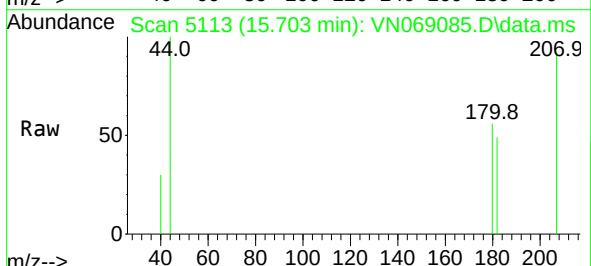
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:128 Resp: 2302
Ion Ratio Lower Upper
128 100
127 2.1 10.5 15.7#
129 0.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.637 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN069085.D
Acq: 21 Oct 2021 13:56



Tgt Ion:180 Resp: 436
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 0.0 17.4 52.2#

