

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069084.D
 Acq On : 21 Oct 2021 13:31
 Operator : JC/MD
 Sample : M4253-03 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:32:35 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)

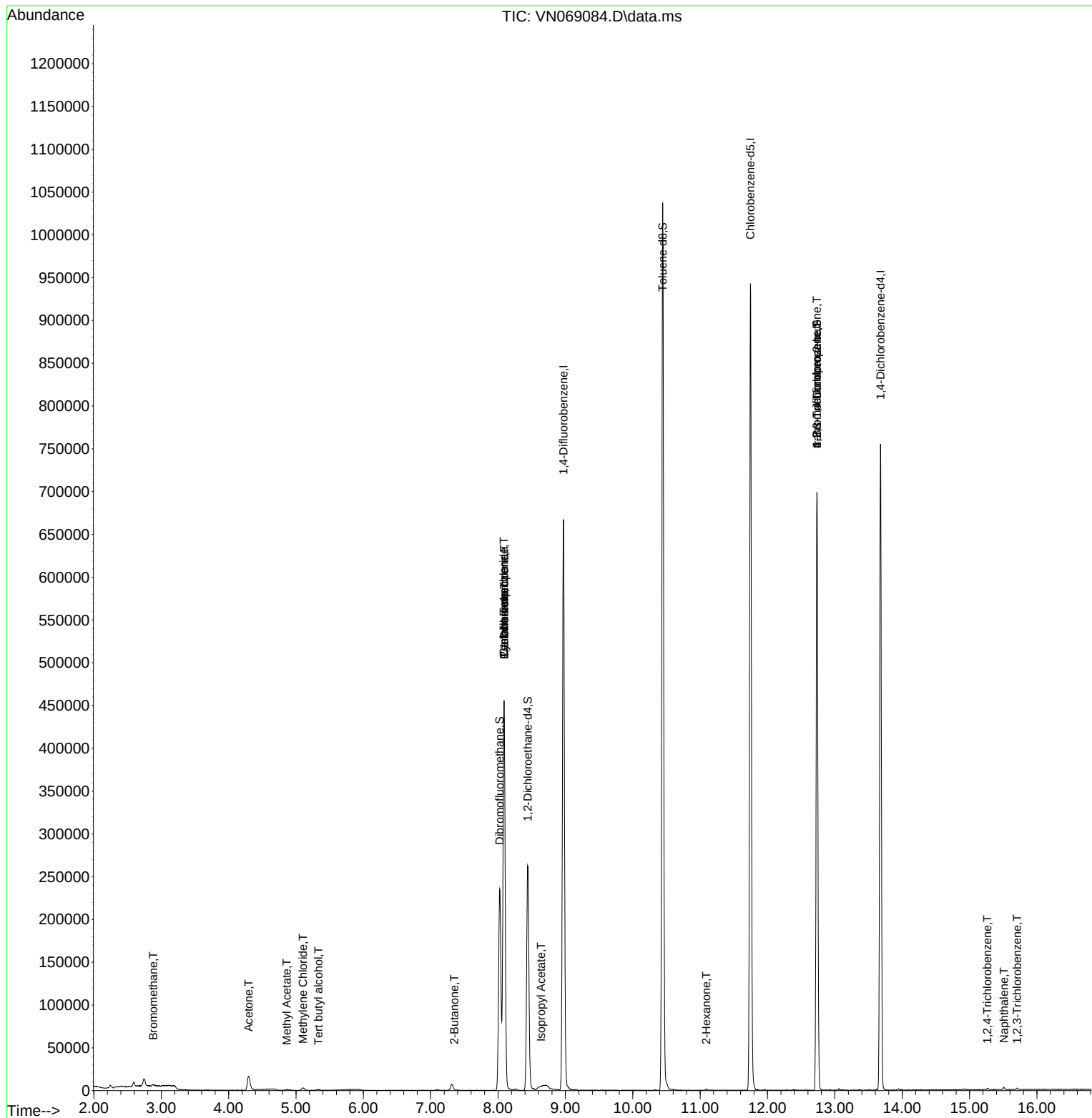
Internal Standards						
1) Pentafluorobenzene	8.091	168	344287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	601183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	566604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	199692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	225990	49.785	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.580%			
35) Dibromofluoromethane	8.024	113	177363	50.708	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.420%			
50) Toluene-d8	10.443	98	749791	53.576	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.160%			
62) 4-Bromofluorobenzene	12.733	95	257970	48.857	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.720%			
Target Compounds						Qvalue
5) Bromomethane	2.880	94	815	0.347	ug/l	96
11) Tert butyl alcohol	5.334	59	604	0.728	ug/l #	72
16) Acetone	4.296	43	31143	18.385	ug/l	99
18) Methyl Acetate	4.862	43	2644	0.411	ug/l #	67
20) Methylene Chloride	5.103	84	2567	0.658	ug/l	95
25) 2-Butanone	7.351	43	635	0.248	ug/l #	48
31) Cyclohexane	8.091	56	8051	1.141	ug/l #	4
36) 1,1-Dichloropropene	8.091	75	28573	5.564	ug/l #	49
38) Carbon Tetrachloride	8.088	117	35801	6.348	ug/l #	15
43) Isopropyl Acetate	8.641	43	5572	0.595	ug/l #	55
59) 2-Hexanone	11.092	43	1691	0.435	ug/l	67
76) 1,2,3-Trichloropropane	12.733	75	133462	31.411	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133462	75.149	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.263	180	468	2.734	ug/l #	41
95) Naphthalene	15.509	128	3422	4.153	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.705	180	910	2.785	ug/l	87

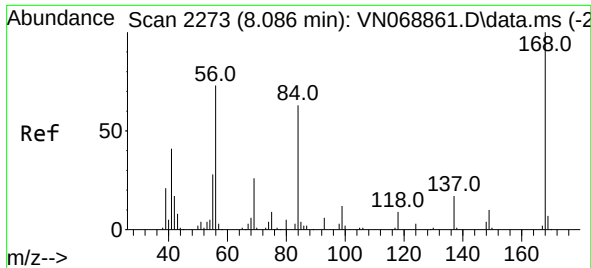
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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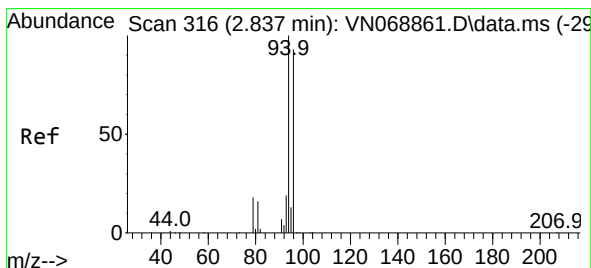
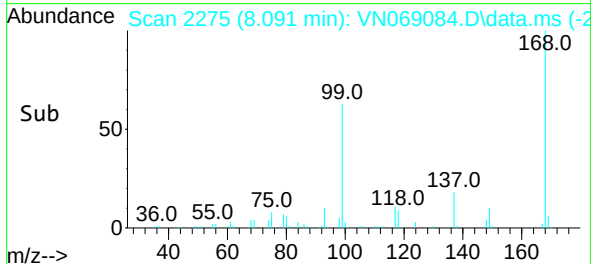
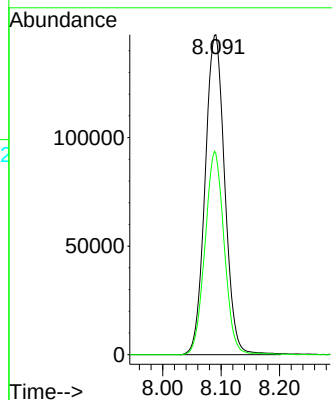
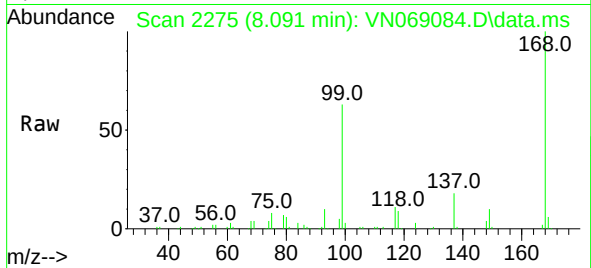




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

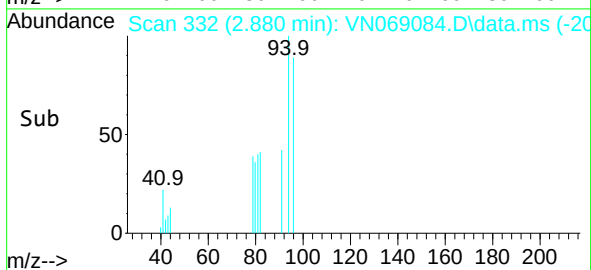
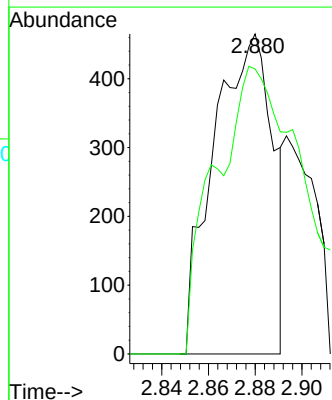
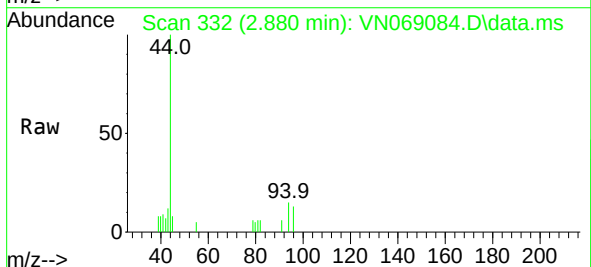
Instrument :
MSVOA_N
ClientSampled :

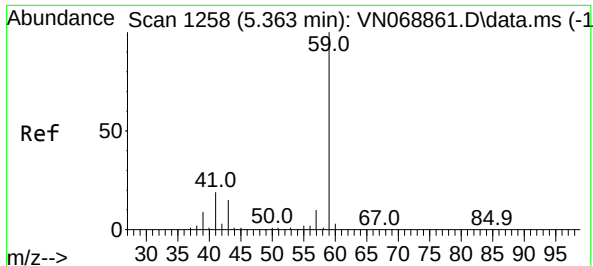
Tgt Ion:168 Resp: 344287
Ion Ratio Lower Upper
168 100
99 62.8 48.9 73.3



#5
Bromomethane
Concen: 0.347 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion: 94 Resp: 815
Ion Ratio Lower Upper
94 100
96 89.0 74.2 111.4



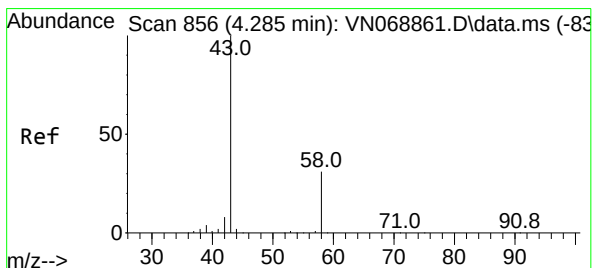
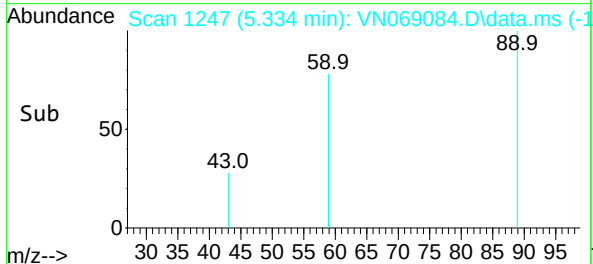
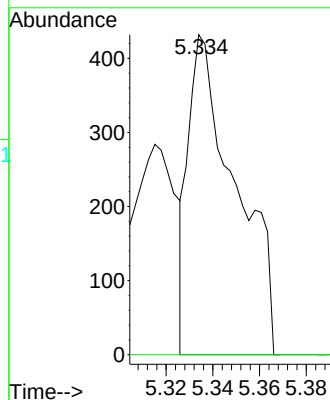
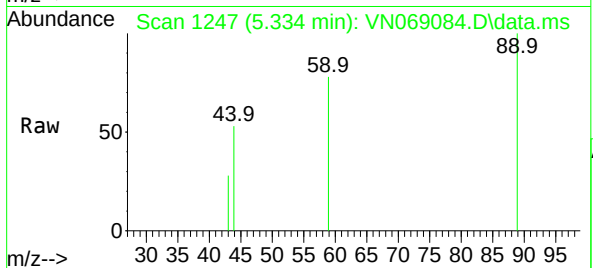


#11

Tert butyl alcohol
Concen: 0.728 ug/l
RT: 5.334 min Scan# 1247
Delta R.T. -0.029 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Instrument :
MSVOA_N
ClientSampled :

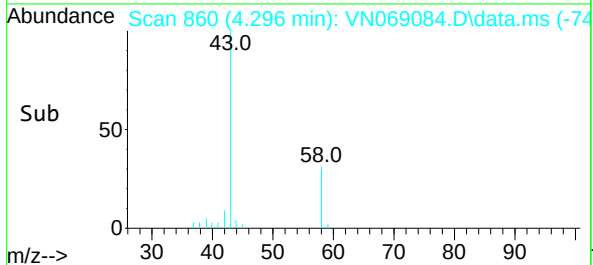
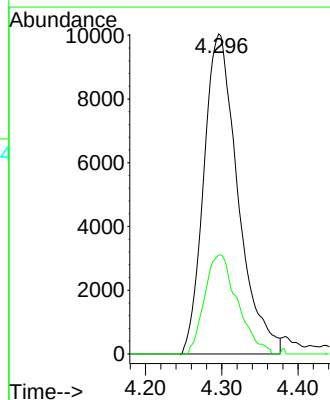
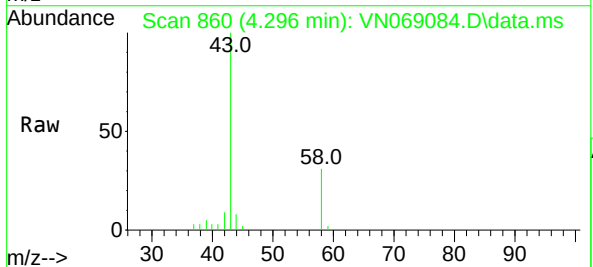
Tgt Ion: 59 Resp: 604
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

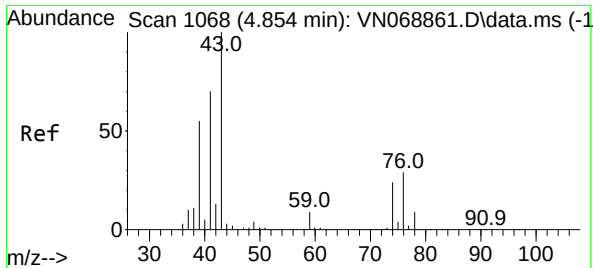


#16

Acetone
Concen: 18.385 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion: 43 Resp: 31143
Ion Ratio Lower Upper
43 100
58 30.9 24.5 36.7

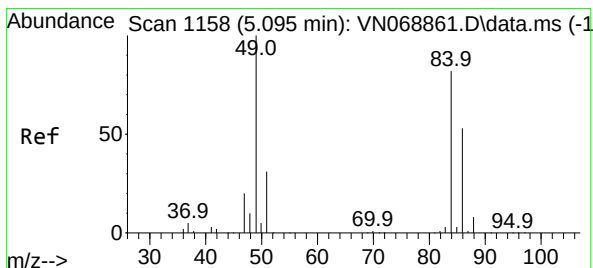
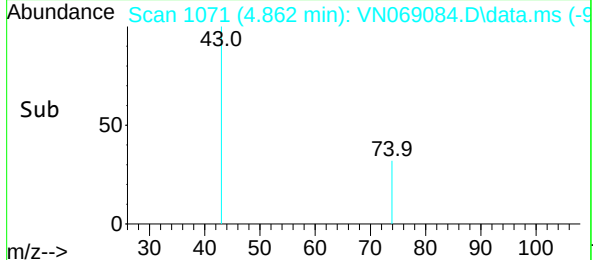
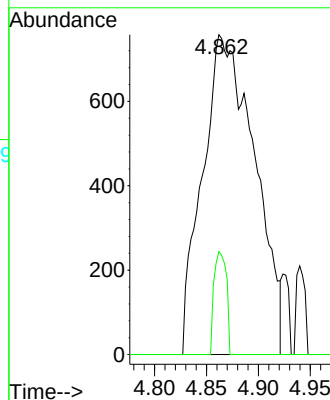
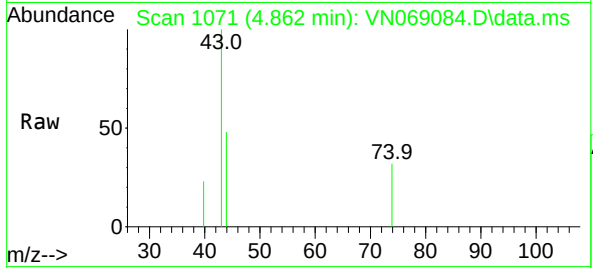




#18
Methyl Acetate
Concen: 0.411 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

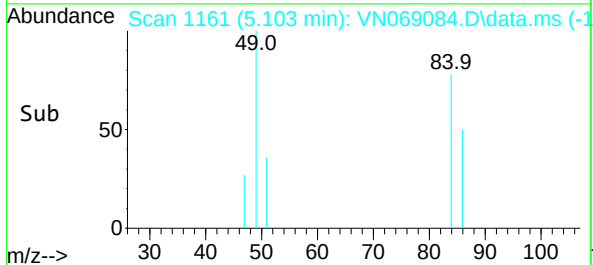
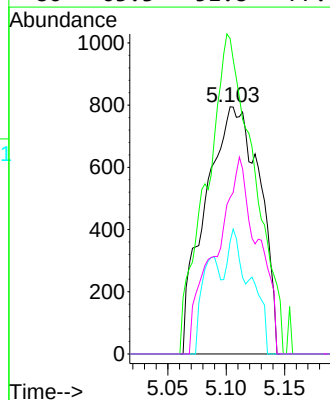
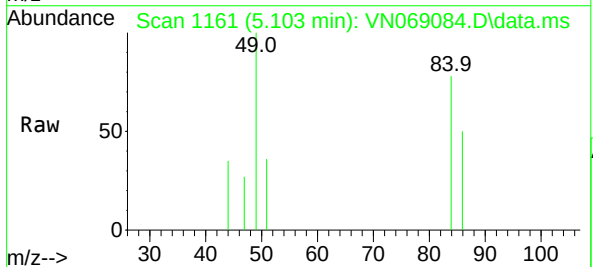
Instrument :
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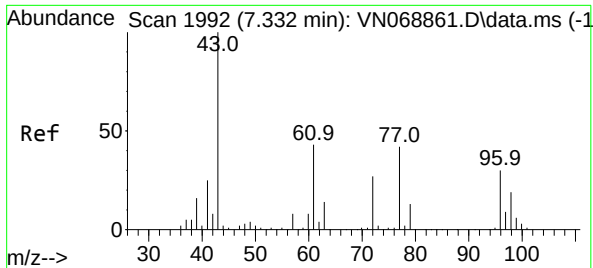
Tgt Ion: 43 Resp: 2644
Ion Ratio Lower Upper
43 100
74 7.6 18.9 28.3#



#20
Methylene Chloride
Concen: 0.658 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion: 84 Resp: 2567
Ion Ratio Lower Upper
84 100
49 127.5 97.6 146.4
51 45.4 30.3 45.5
86 63.3 51.8 77.6

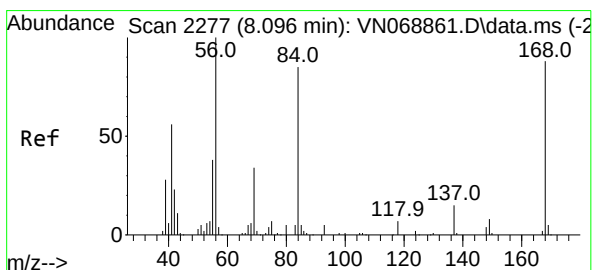
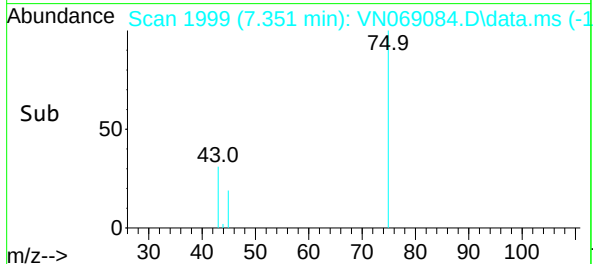
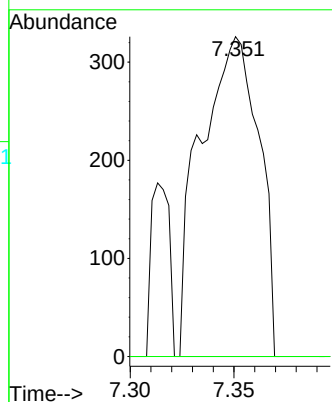
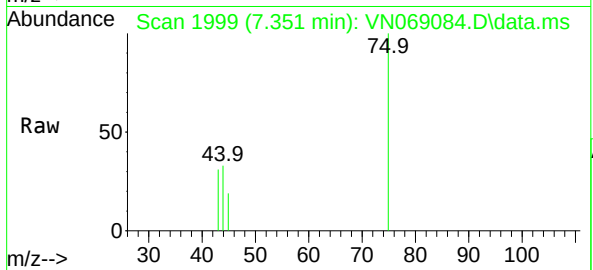




#25
2-Butanone
Concen: 0.248 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.019 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

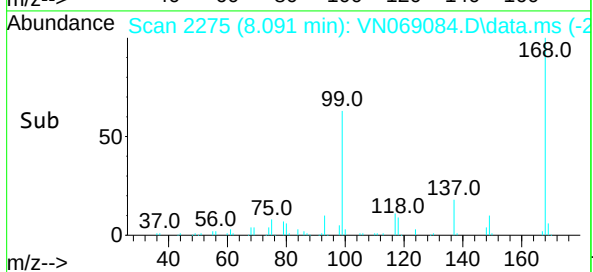
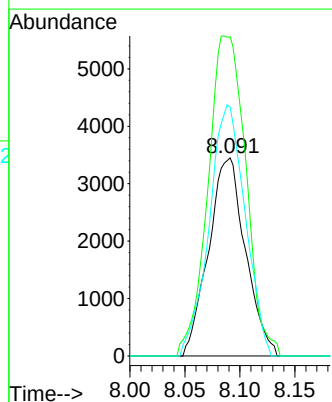
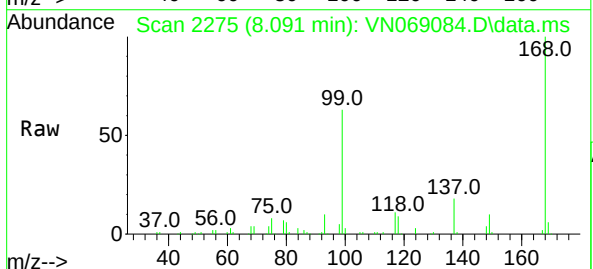
Instrument :
MSVOA_N
ClientSampled :

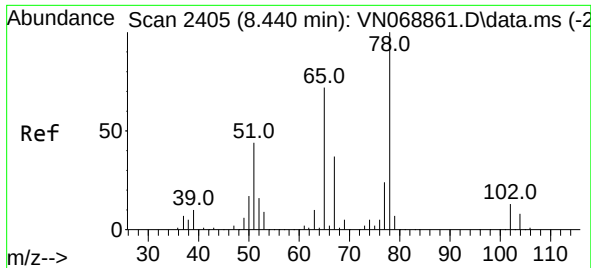
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.141 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion: 56 Resp: 8051
Ion Ratio Lower Upper
56 100
69 161.1 26.9 40.3#
84 125.7 67.6 101.4#

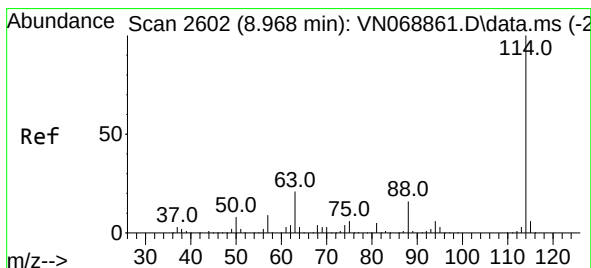
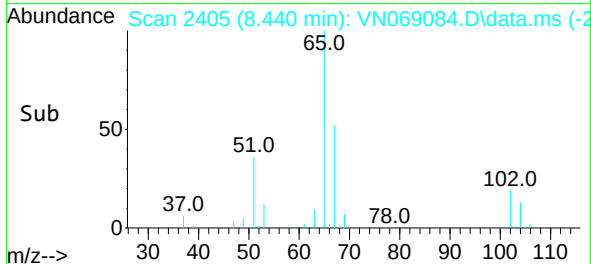
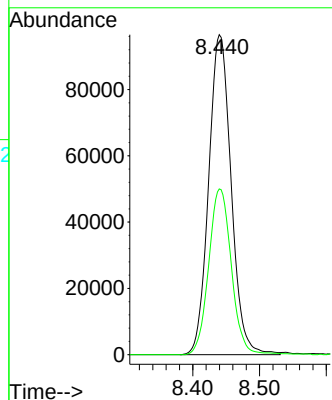
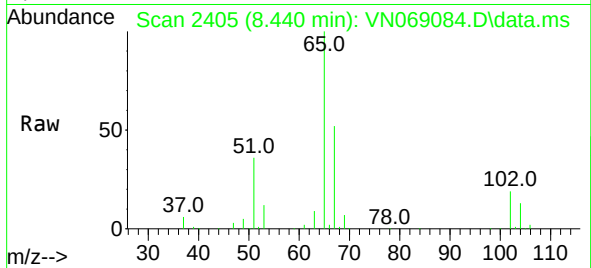




#33
 1,2-Dichloroethane-d4
 Concen: 49.785 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069084.D
 Acq: 21 Oct 2021 13:31

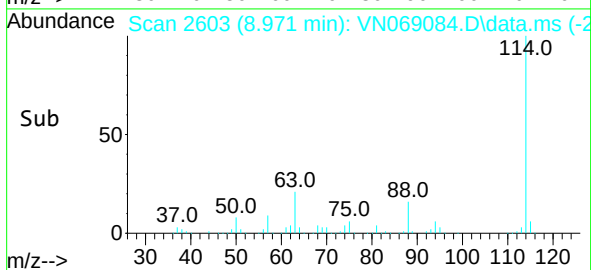
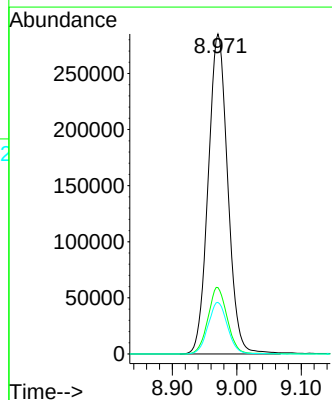
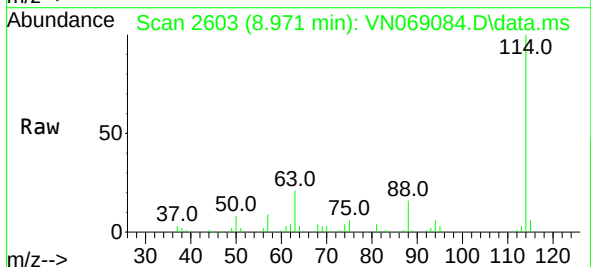
Instrument :
 MSVOA_N
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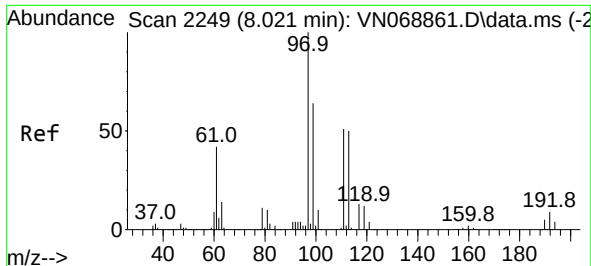
Tgt Ion: 65 Resp: 225990
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069084.D
 Acq: 21 Oct 2021 13:31

Tgt Ion: 114 Resp: 601183
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 16.1 0.0 32.0

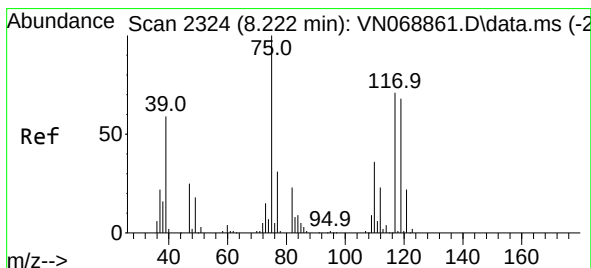
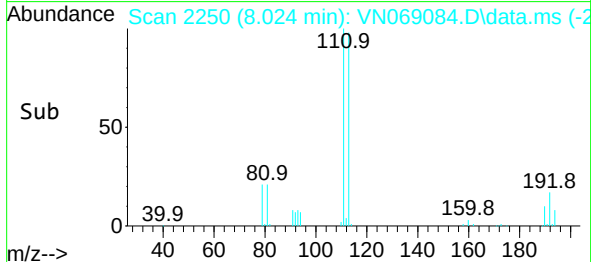
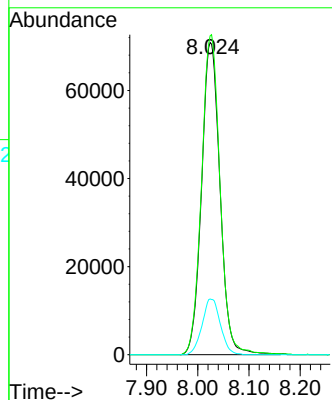
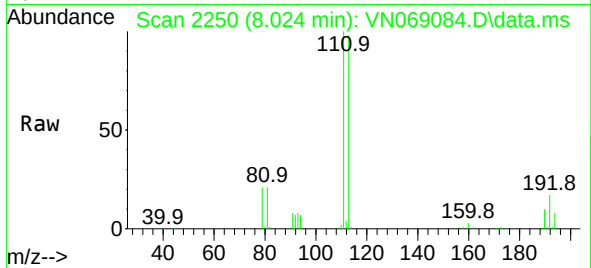




#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

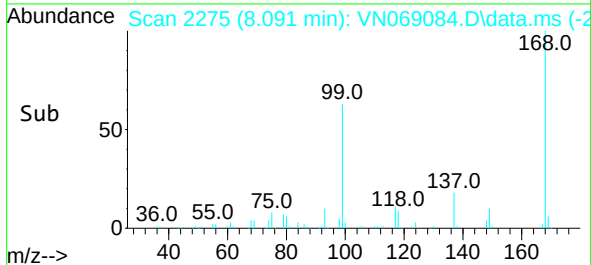
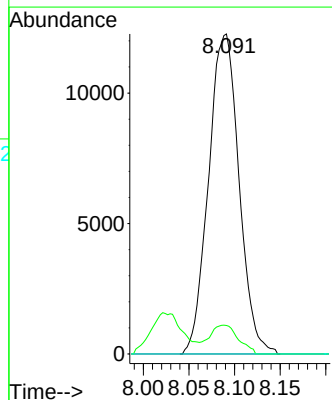
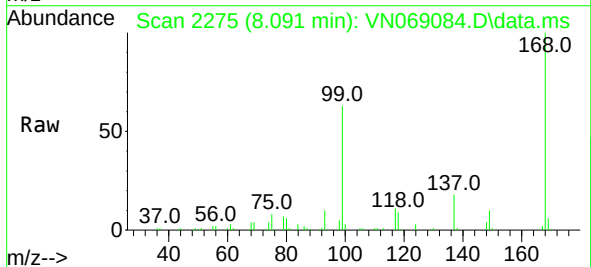
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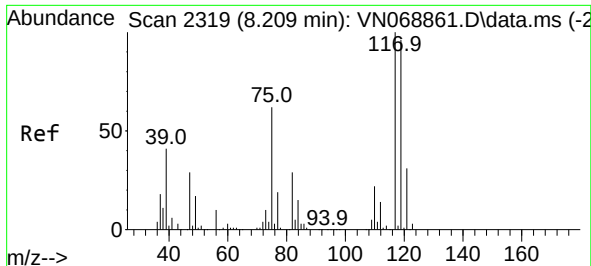
Tgt Ion:113 Resp: 177363
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 17.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.564 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

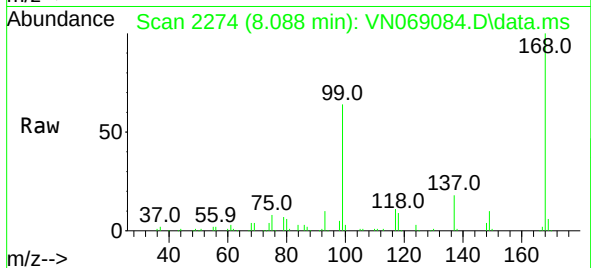
Tgt Ion: 75 Resp: 28573
Ion Ratio Lower Upper
75 100
110 8.3 17.9 53.8#
77 0.0 24.7 37.1#



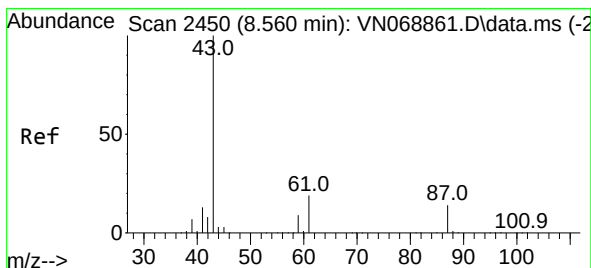
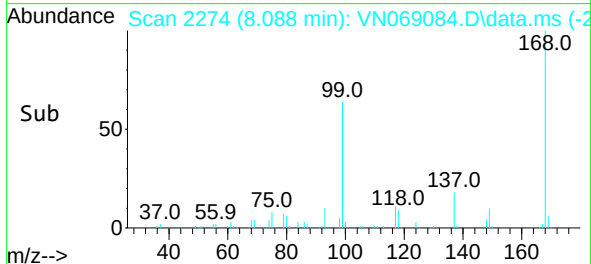
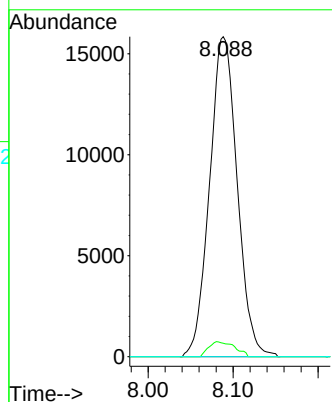


#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Instrument :
MSVOA_N
ClientSampled :

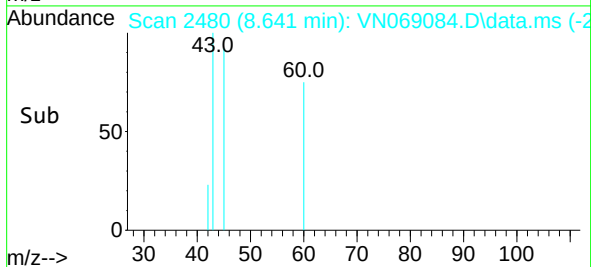
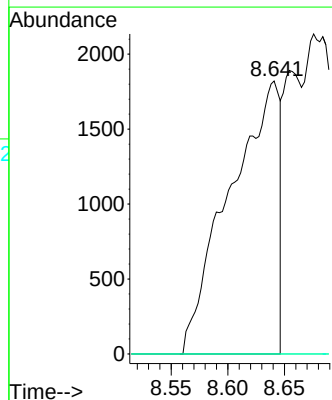
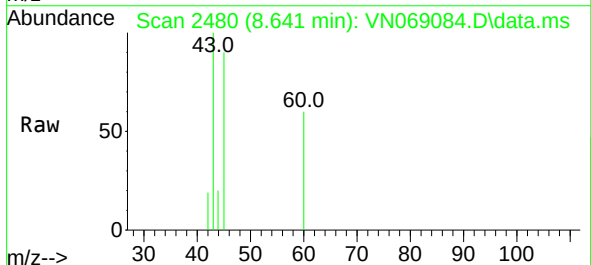


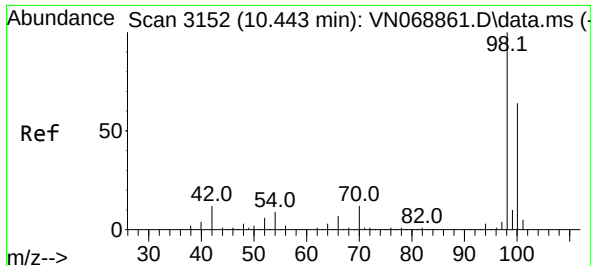
Tgt Ion:117 Resp: 35801
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.595 ug/l
RT: 8.641 min Scan# 2480
Delta R.T. 0.081 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion: 43 Resp: 5572
Ion Ratio Lower Upper
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61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

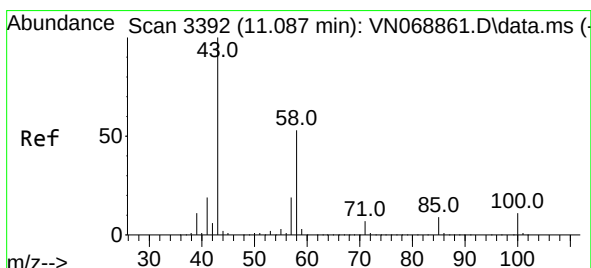
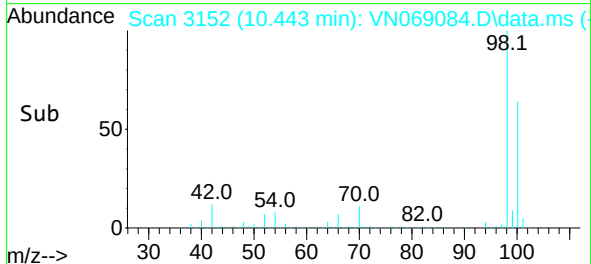
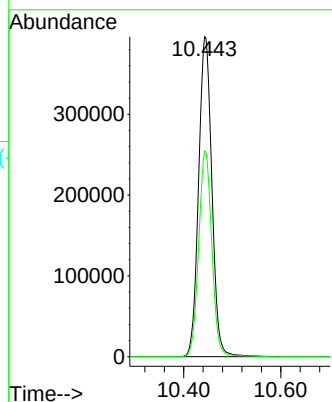
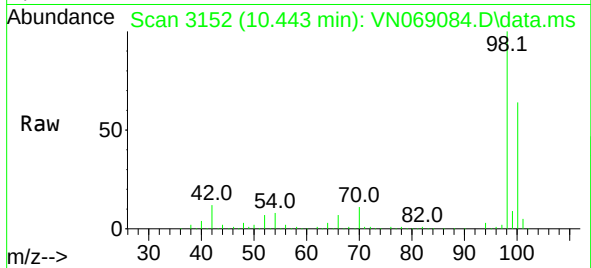




#50
Toluene-d8
Concen: 53.576 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

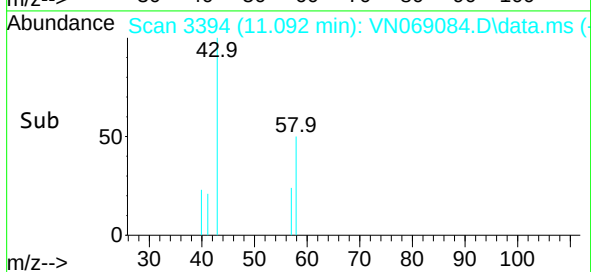
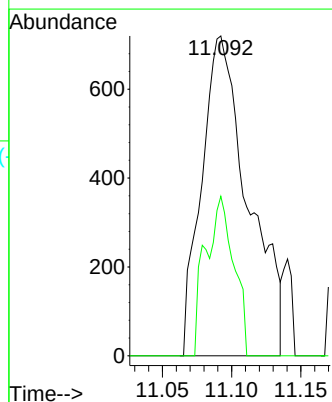
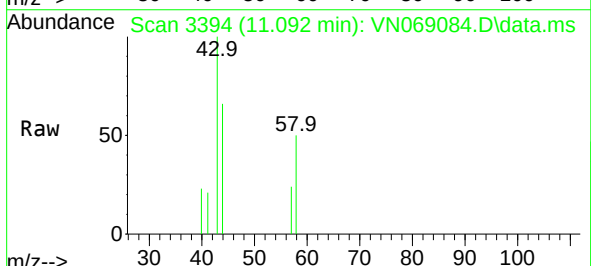
Instrument :
MSVOA_N
ClientSampled :

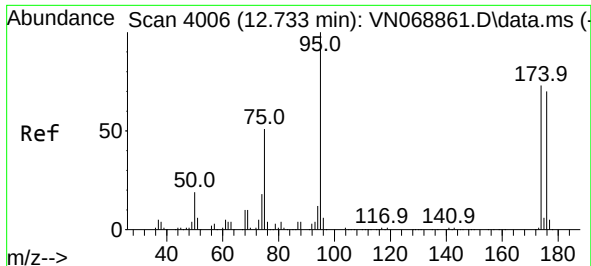
Tgt Ion: 98 Resp: 749791
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#59
2-Hexanone
Concen: 0.435 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
58 30.1 26.9 80.7

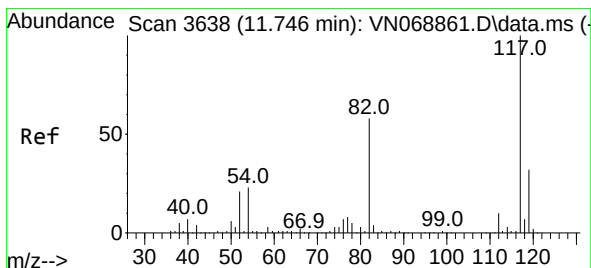
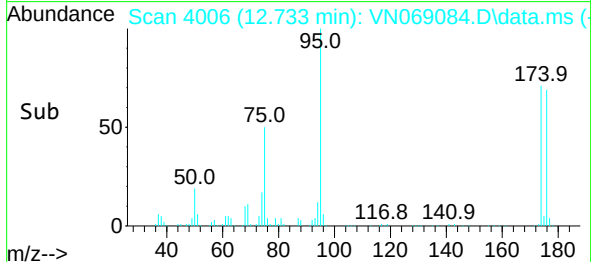
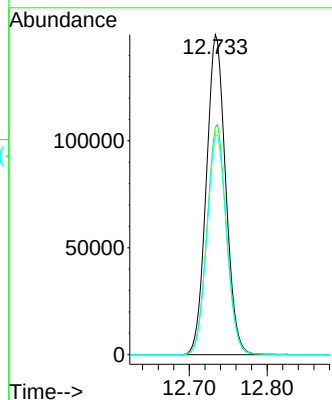
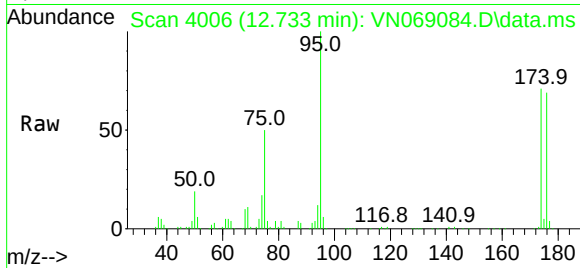




#62
4-Bromofluorobenzene
Concen: 48.857 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

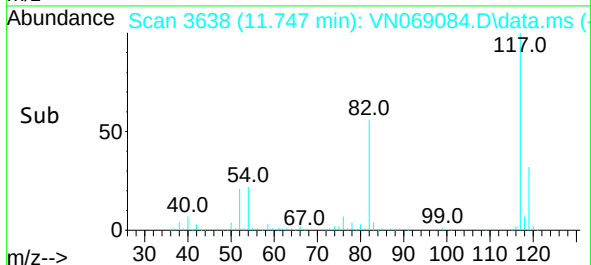
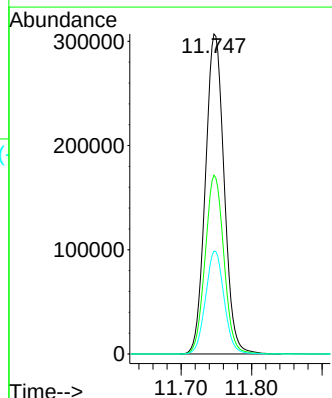
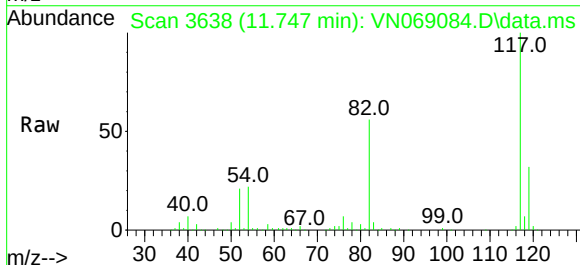
Instrument :
MSVOA_N
ClientSampled :

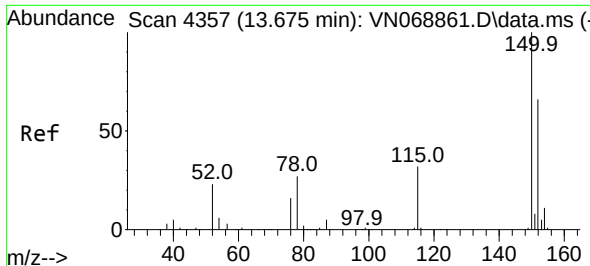
Tgt Ion: 95 Resp: 257970
Ion Ratio Lower Upper
95 100
174 72.6 0.0 144.8
176 70.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion: 117 Resp: 566604
Ion Ratio Lower Upper
117 100
82 55.9 46.4 69.6
119 32.1 26.0 39.0

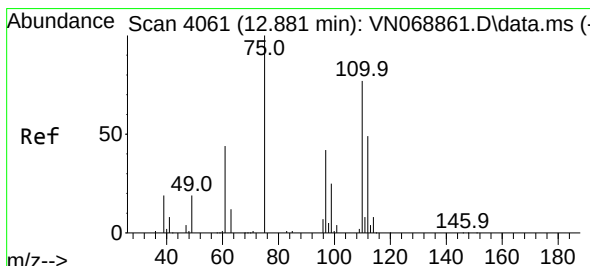
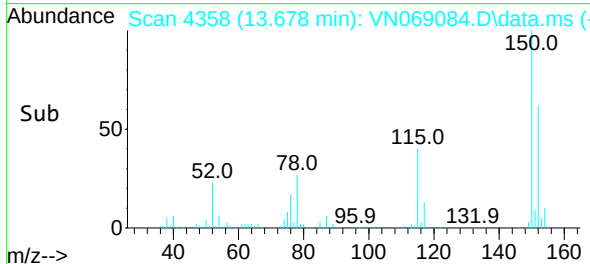
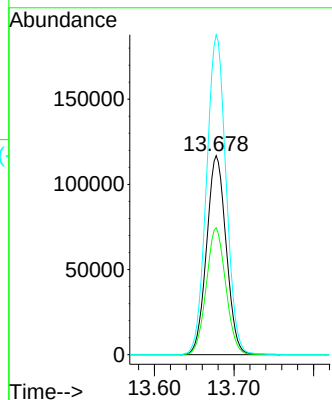
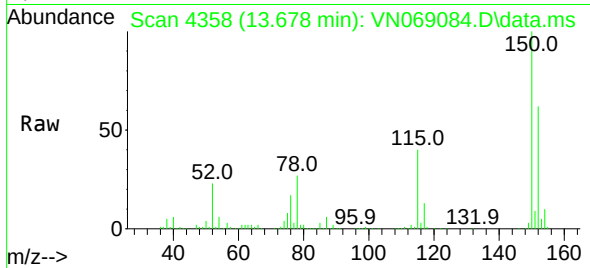




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

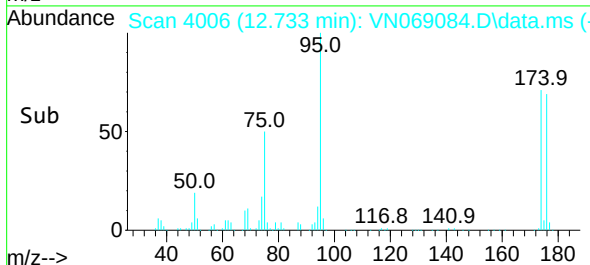
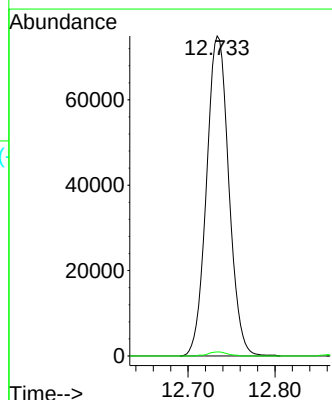
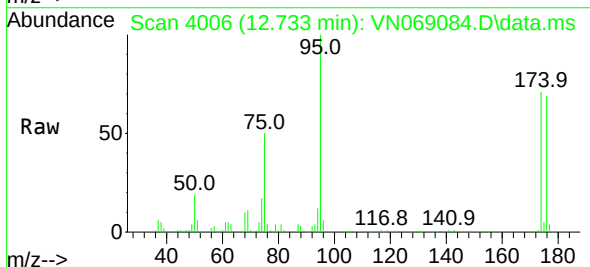
Instrument :
MSVOA_N
ClientSampled :

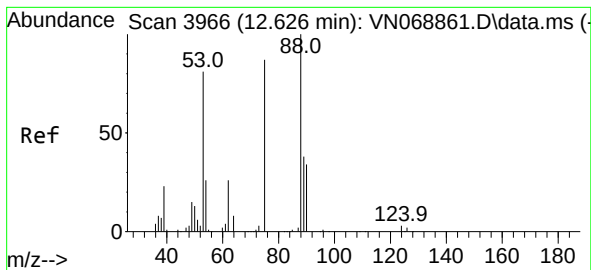
Tgt Ion:152 Resp: 199692
Ion Ratio Lower Upper
152 100
115 63.5 31.4 94.3
150 160.6 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 31.411 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion: 75 Resp: 133462
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#

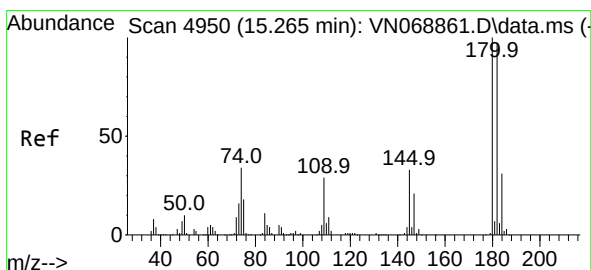
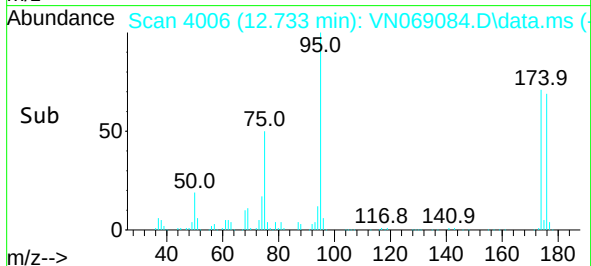
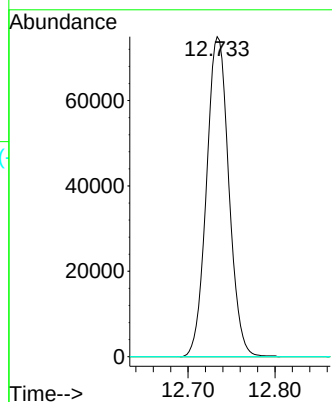
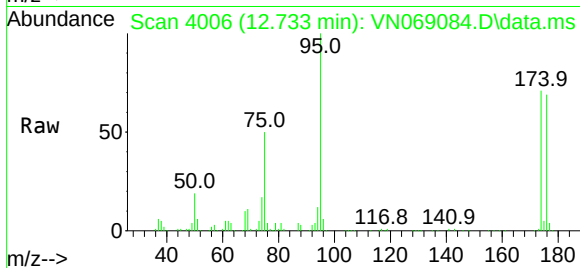




#81
trans-1,4-Dichloro-2-butene
Concen: 75.149 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

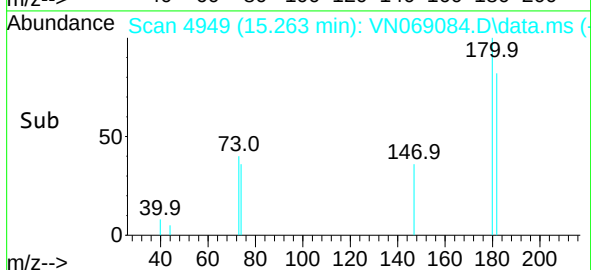
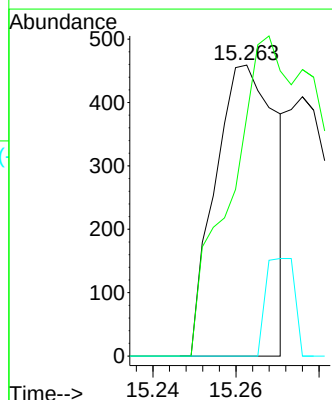
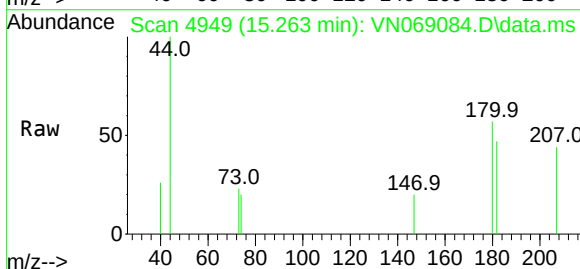
Instrument :
MSVOA_N
ClientSampleId :

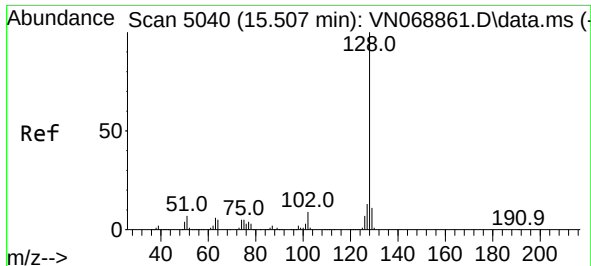
Tgt Ion: 75 Resp: 133462
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.734 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion:180 Resp: 468
Ion Ratio Lower Upper
180 100
182 163.2 47.9 143.7#
145 15.8 16.4 49.2#

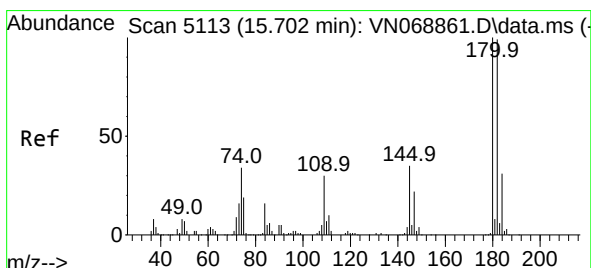
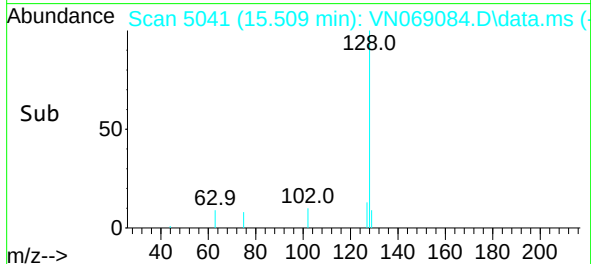
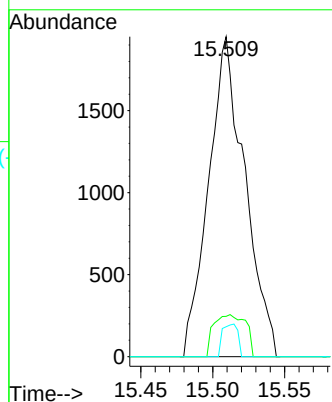
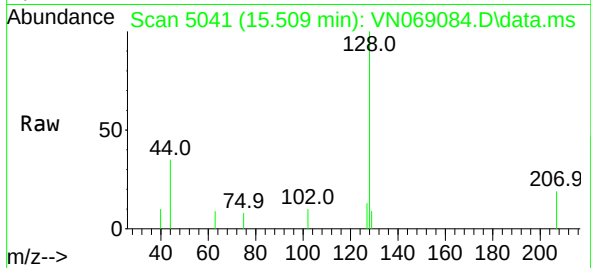




#95
Naphthalene
Concen: 4.153 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3422
Ion Ratio Lower Upper
128 100
127 11.5 10.5 15.7
129 4.3 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.785 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN069084.D
Acq: 21 Oct 2021 13:31

Tgt Ion:180 Resp: 910
Ion Ratio Lower Upper
180 100
182 89.0 48.1 144.3
145 18.6 17.4 52.2

