

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068999.D
 Acq On : 19 Oct 2021 00:23
 Operator : JC/MD
 Sample : M4268-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 09:58:39 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)

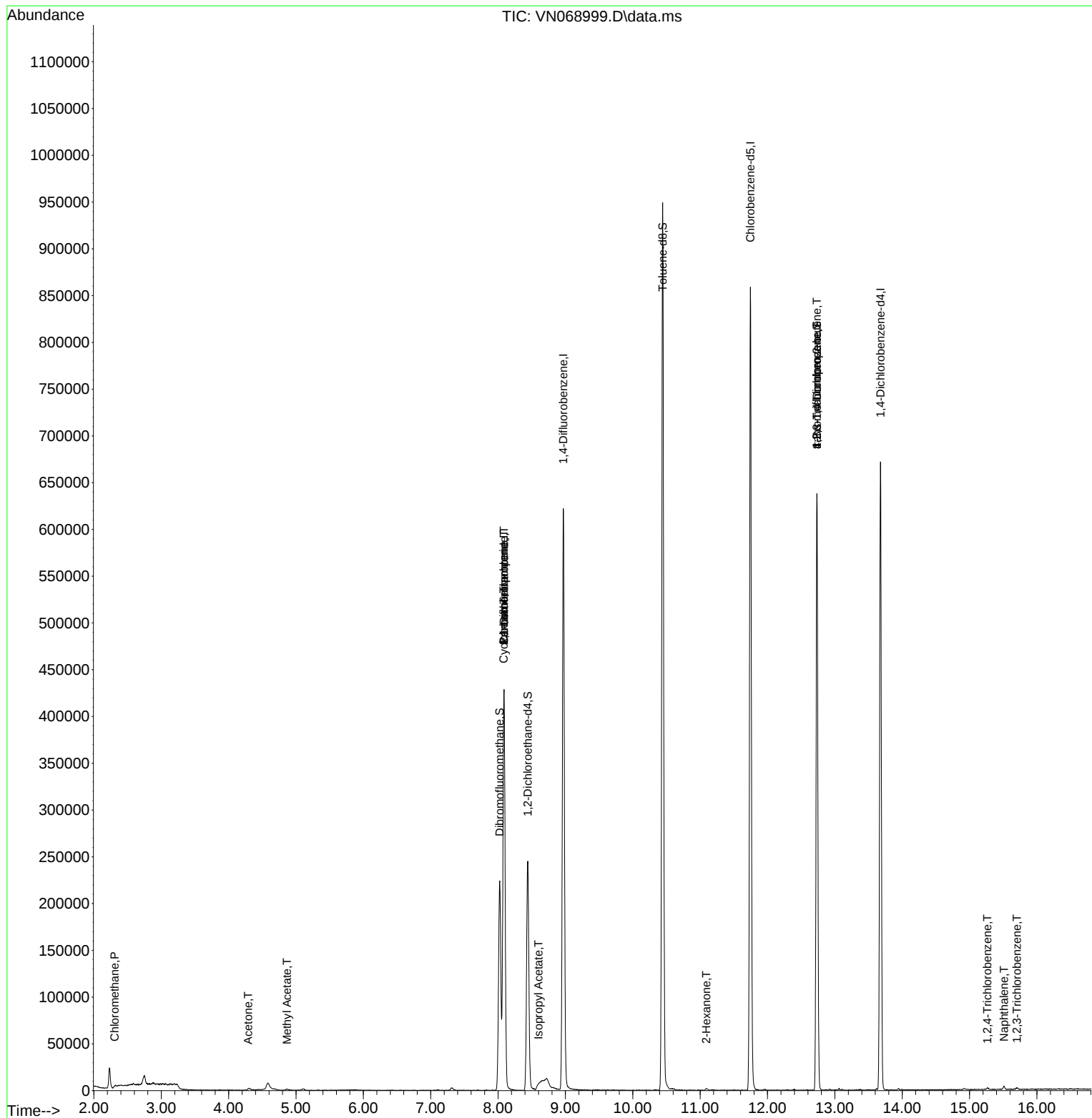
Internal Standards						
1) Pentafluorobenzene	8.088	168	327044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	563222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	513621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	183499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	207439	48.108	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.220%		
35) Dibromofluoromethane	8.024	113	165778	50.590	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.180%		
50) Toluene-d8	10.443	98	693951	52.928	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.860%		
62) 4-Bromofluorobenzene	12.733	95	236037	47.716	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.440%		
Target Compounds						Qvalue
3) Chloromethane	2.306	50	1168	0.292	ug/l	96
16) Acetone	4.291	43	1254	0.779	ug/l #	84
18) Methyl Acetate	4.867	43	2489	0.408	ug/l #	66
31) Cyclohexane	8.083	56	7639	1.139	ug/l #	9
36) 1,1-Dichloropropene	8.088	75	26682	5.546	ug/l #	49
38) Carbon Tetrachloride	8.088	117	33385	6.319	ug/l #	15
43) Isopropyl Acetate	8.600	43	4819	0.550	ug/l #	55
59) 2-Hexanone	11.092	43	1918	0.526	ug/l #	42
76) 1,2,3-Trichloropropane	12.733	75	122113	31.276	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	122113	74.827	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.262	180	913	2.882	ug/l	94
95) Naphthalene	15.509	128	4391	4.288	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.702	180	1015	2.842	ug/l	90

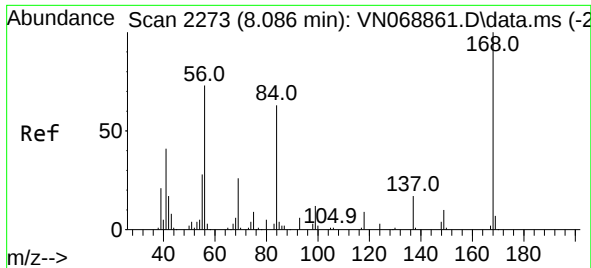
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

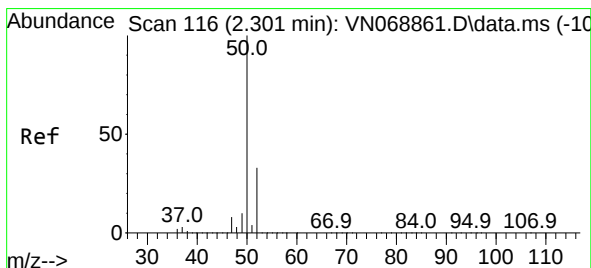
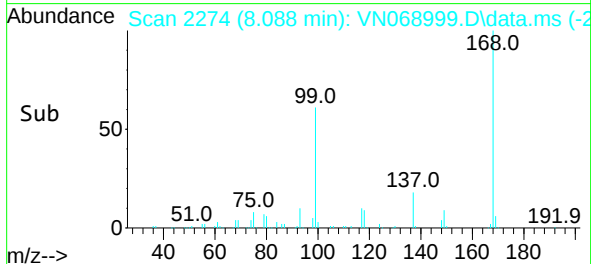
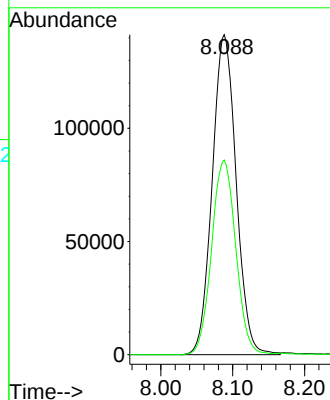
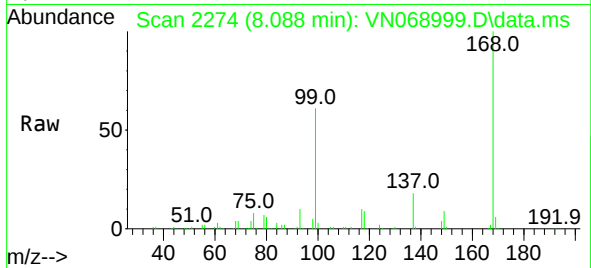




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

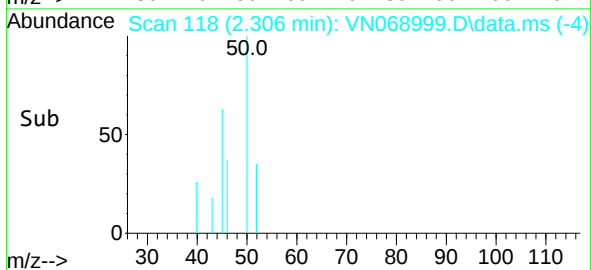
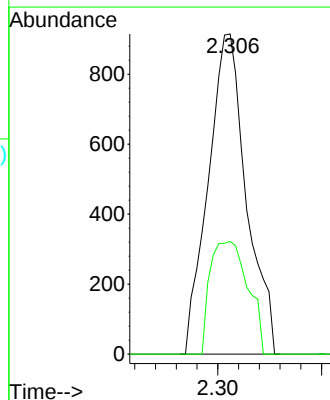
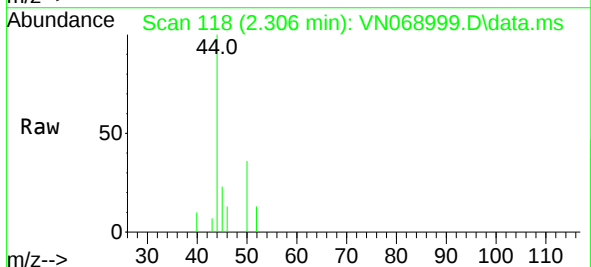
Instrument :
MSVOA_N
ClientSampled :

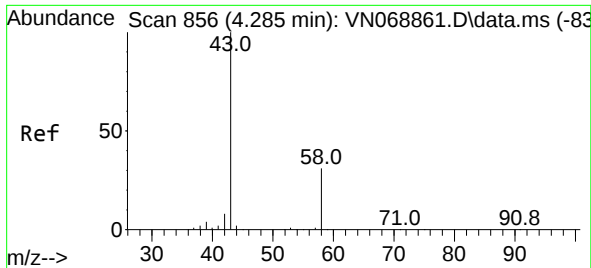
Tgt Ion:168 Resp: 327044
Ion Ratio Lower Upper
168 100
99 60.8 48.9 73.3



#3
Chloromethane
Concen: 0.292 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

Tgt Ion: 50 Resp: 1168
Ion Ratio Lower Upper
50 100
52 35.2 26.3 39.5

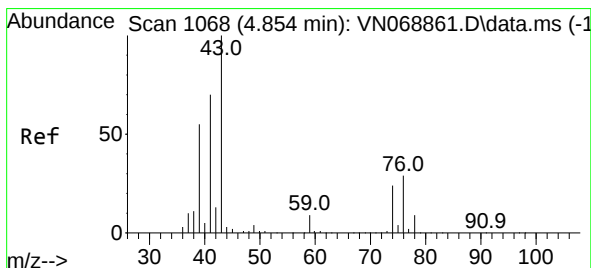
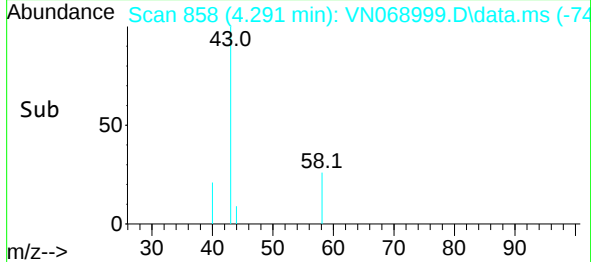
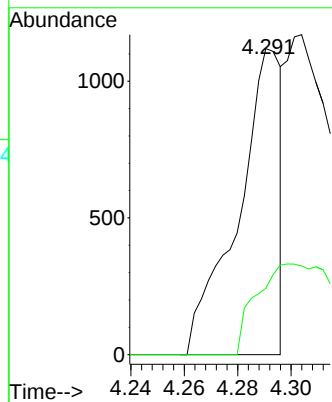
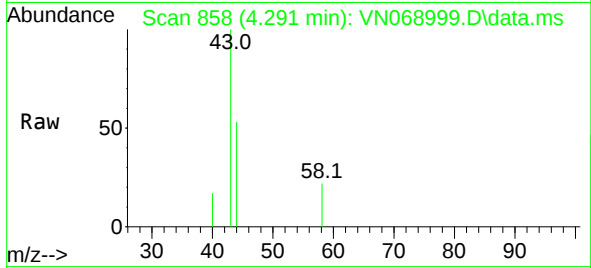




#16
Acetone
Concen: 0.779 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.005 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

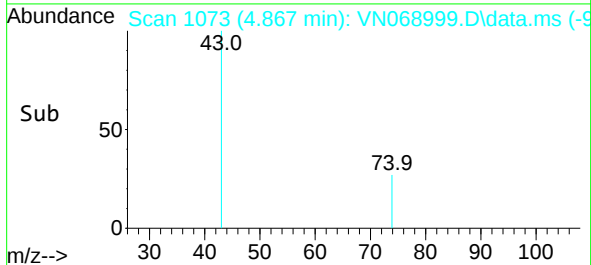
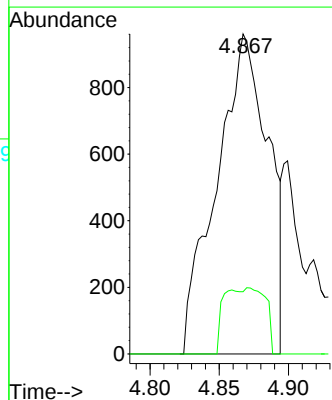
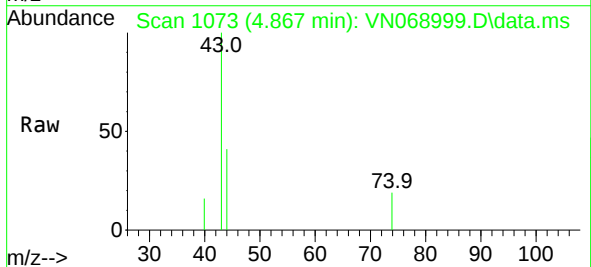
Instrument :
MSVOA_N
ClientSampled :

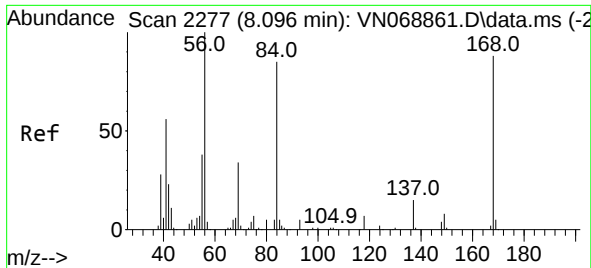
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
58 21.7 24.5 36.7#



#18
Methyl Acetate
Concen: 0.408 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

Tgt Ion: 43 Resp: 2489
Ion Ratio Lower Upper
43 100
74 7.1 18.9 28.3#

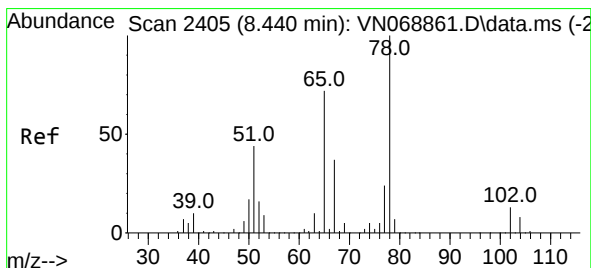
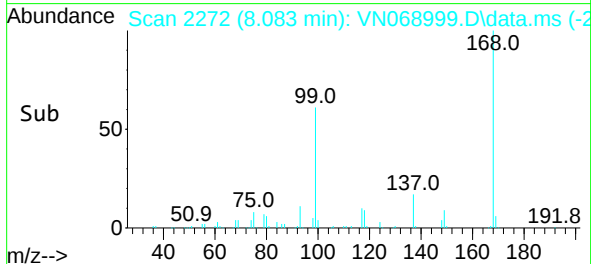
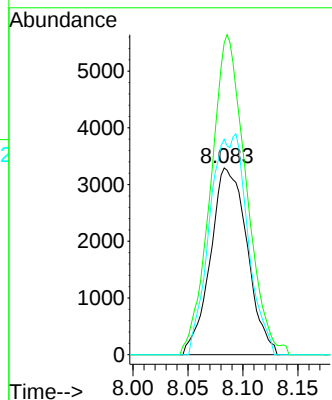
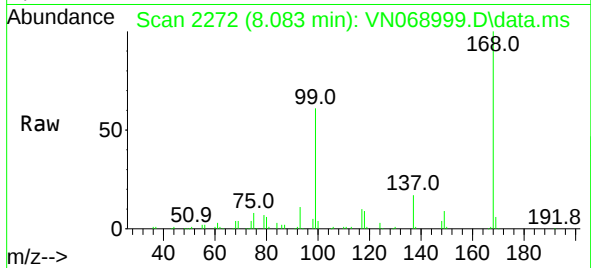




#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

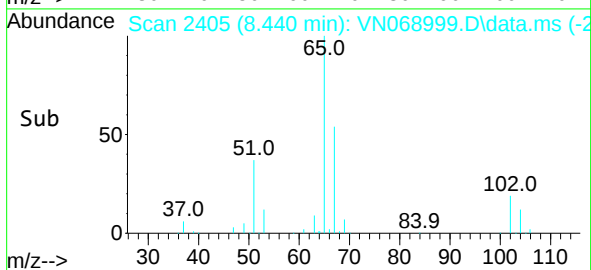
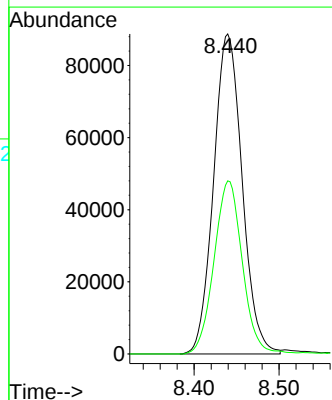
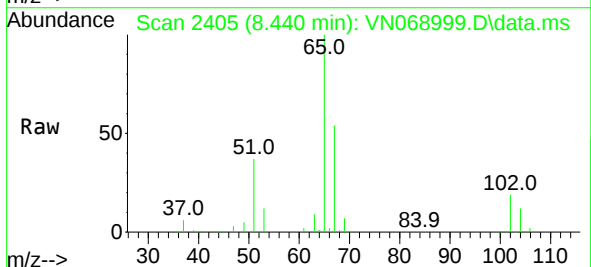
Instrument :
MSVOA_N
ClientSampled :

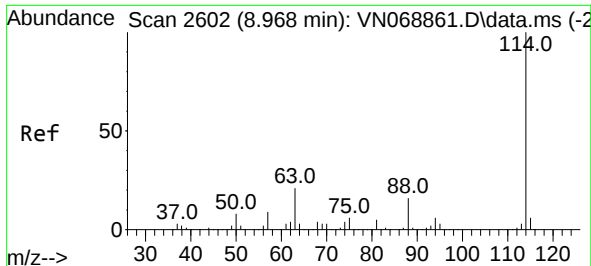
Tgt Ion: 56 Resp: 7639
Ion Ratio Lower Upper
56 100
69 167.0 26.9 40.3#
84 115.4 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.108 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

Tgt Ion: 65 Resp: 207439
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.8

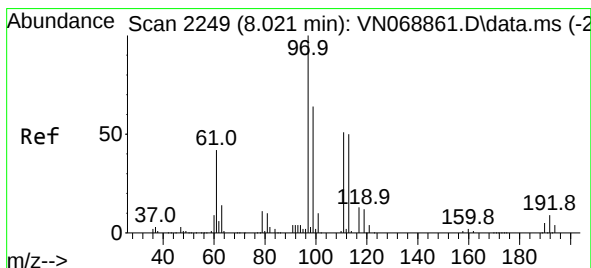
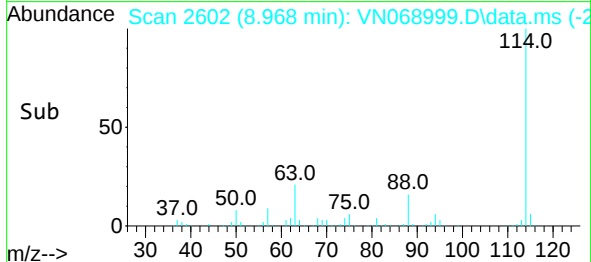
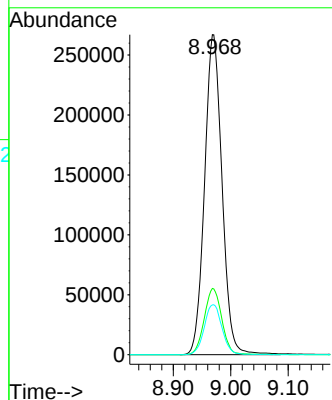
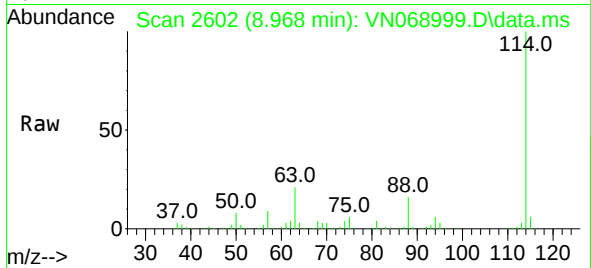




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

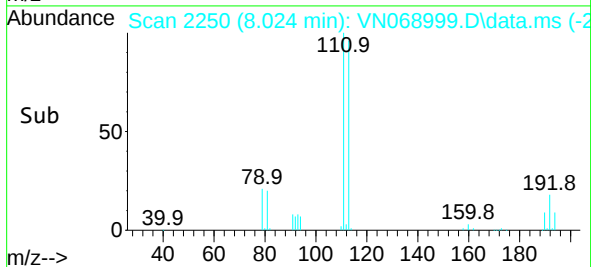
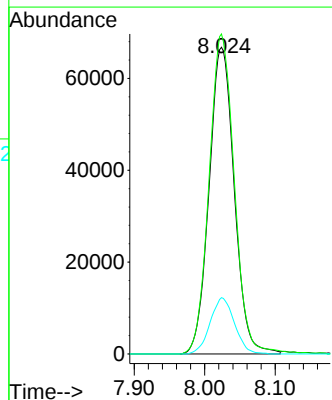
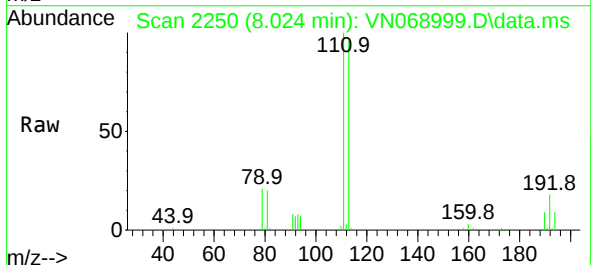
Instrument :
MSVOA_N
ClientSampled :

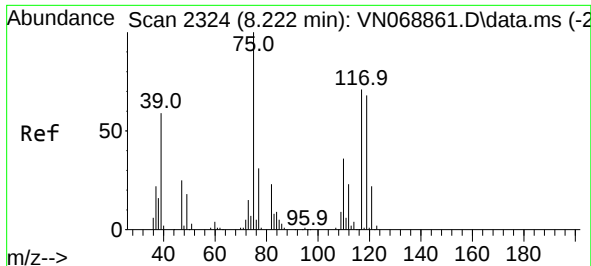
Tgt Ion:114 Resp: 563222
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.590 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

Tgt Ion:113 Resp: 165778
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 17.8 15.0 22.4

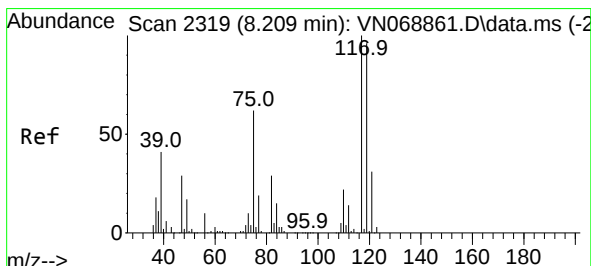
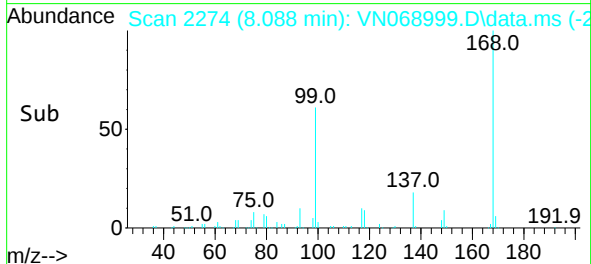
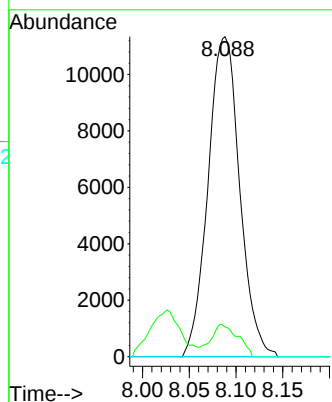
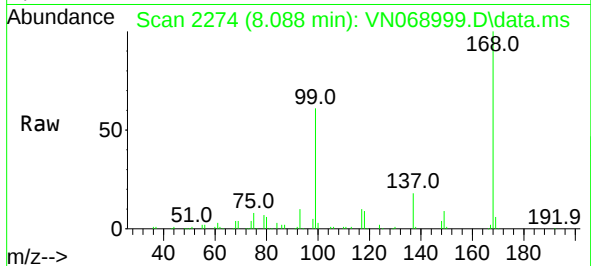




#36
1,1-Dichloropropene
Concen: 5.546 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

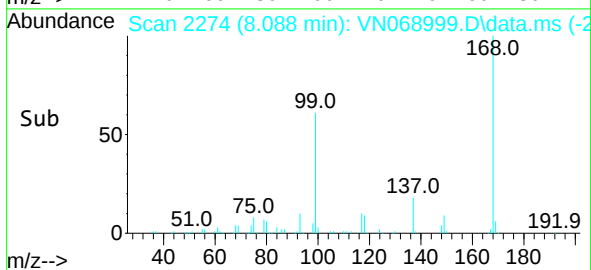
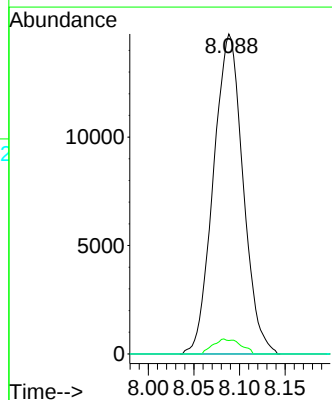
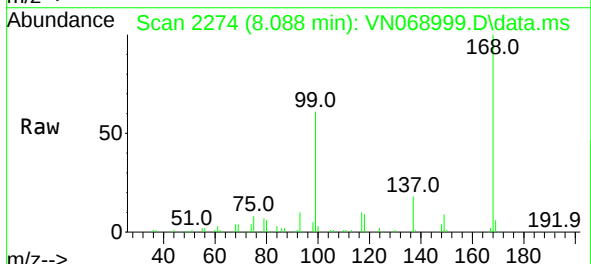
Instrument :
MSVOA_N
ClientSampled :

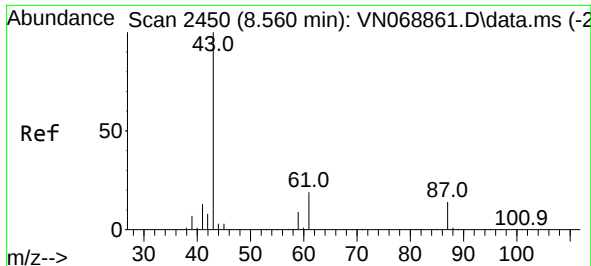
Tgt Ion: 75 Resp: 26682
Ion Ratio Lower Upper
75 100
110 8.6 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

Tgt Ion: 117 Resp: 33385
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#

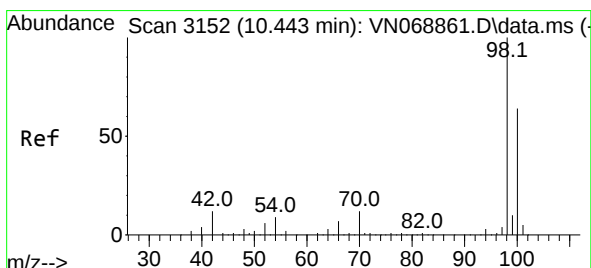
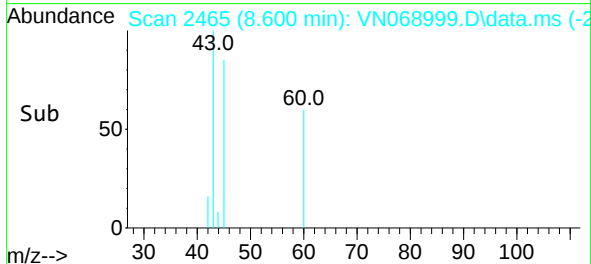
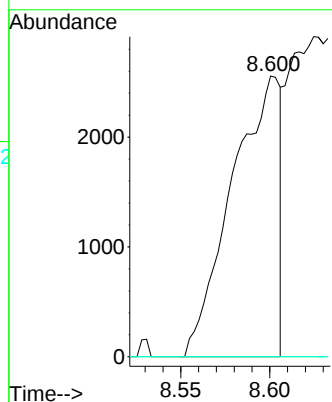
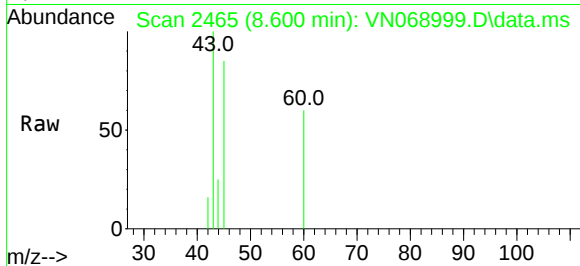




#43
Isopropyl Acetate
Concen: 0.550 ug/l
RT: 8.600 min Scan# 2465
Delta R.T. 0.040 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

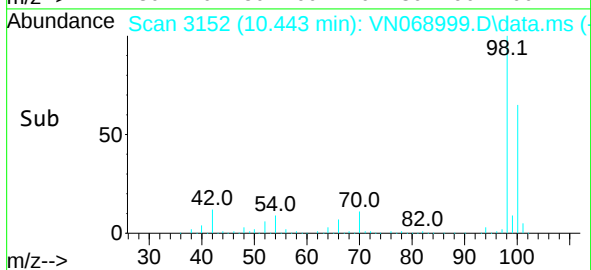
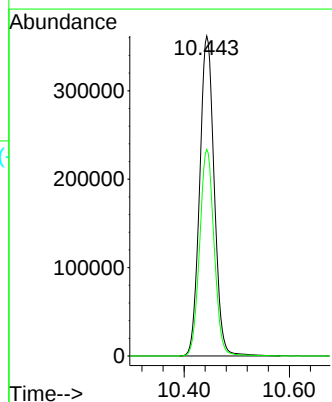
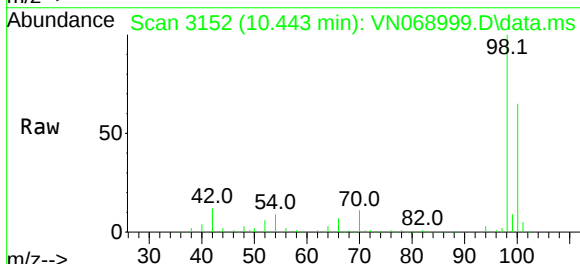
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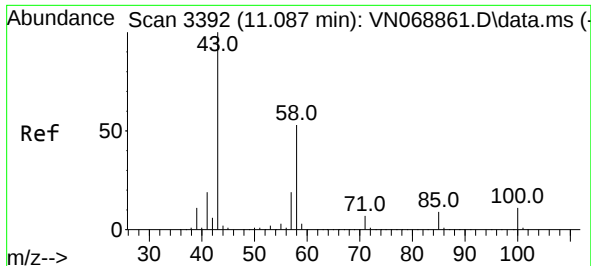
Tgt Ion: 43 Resp: 4819
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 52.928 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

Tgt Ion: 98 Resp: 693951
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

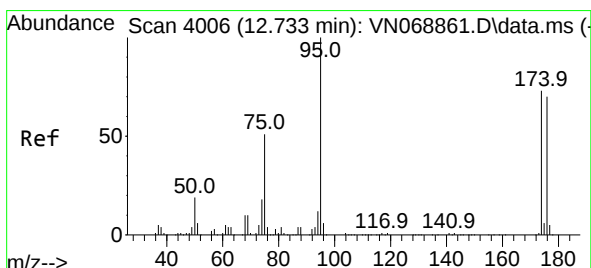
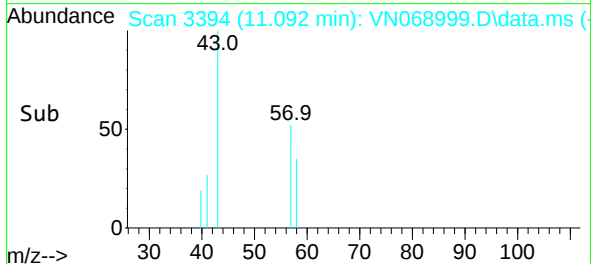
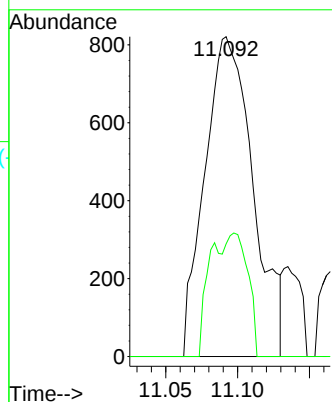
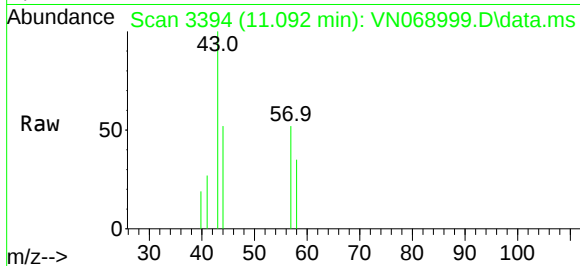




#59
2-Hexanone
Concen: 0.526 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

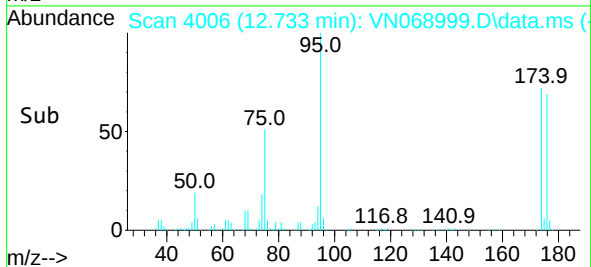
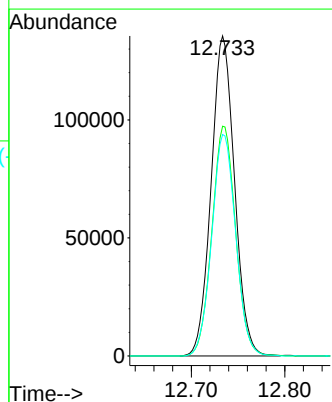
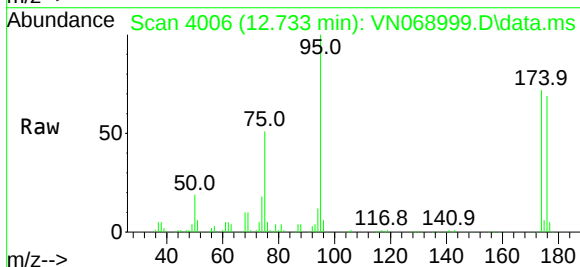
Instrument :
MSVOA_N
ClientSampled :

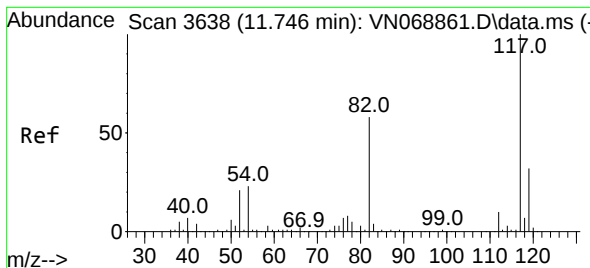
Tgt Ion: 43 Resp: 1918
Ion Ratio Lower Upper
43 100
58 12.3 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 47.716 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

Tgt Ion: 95 Resp: 236037
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.8
176 70.8 0.0 140.0

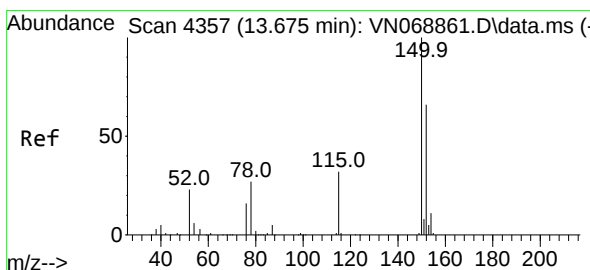
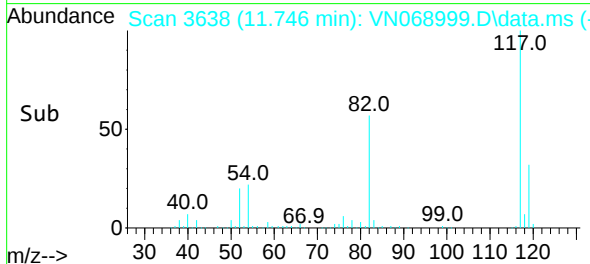
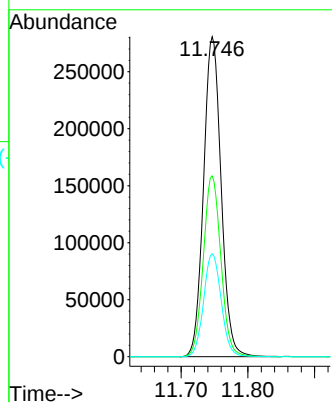
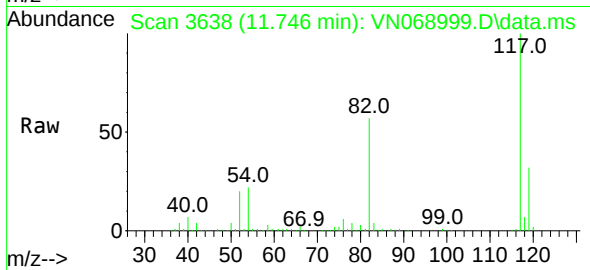




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

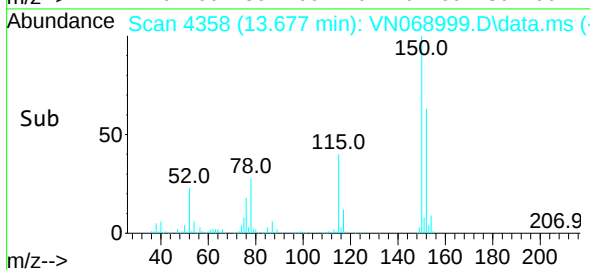
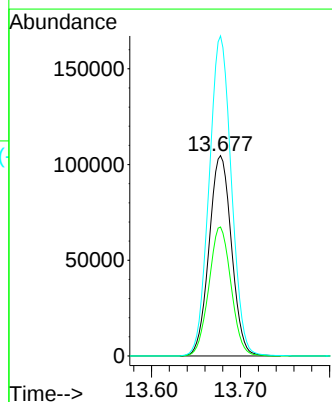
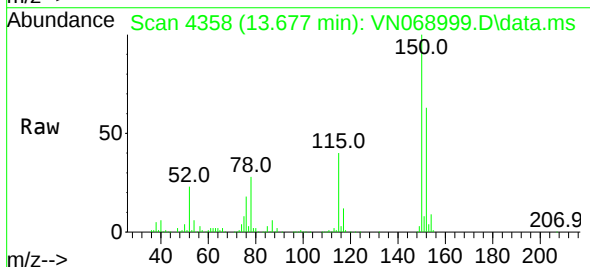
Instrument :
MSVOA_N
ClientSampled :

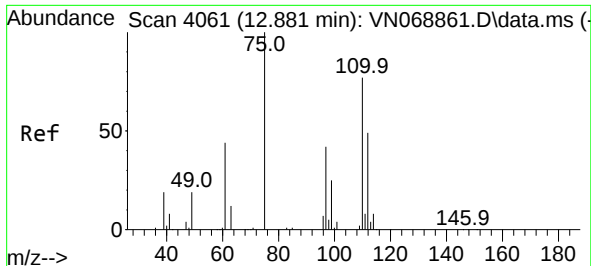
Tgt Ion:117 Resp: 513621
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

Tgt Ion:152 Resp: 183499
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 158.5 0.0 351.0

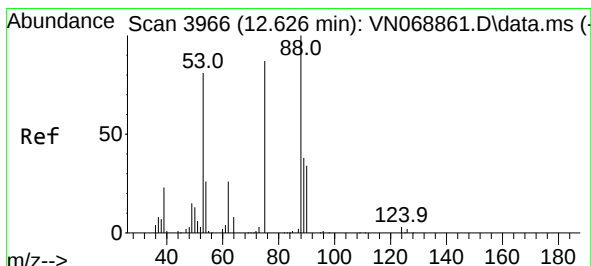
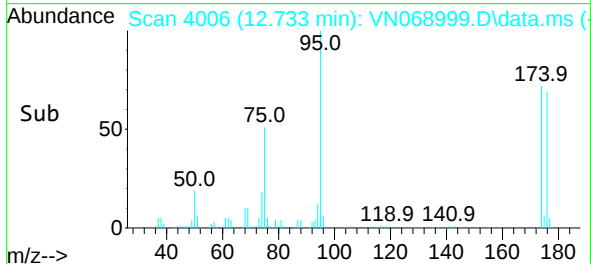
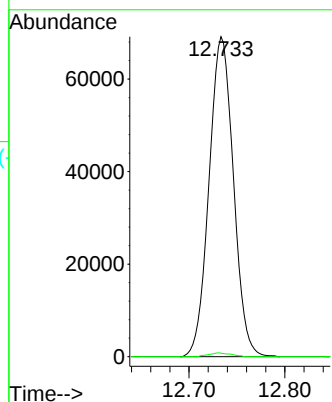
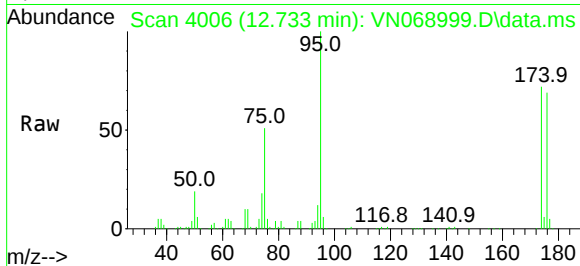




#76
1,2,3-Trichloropropane
Concen: 31.276 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

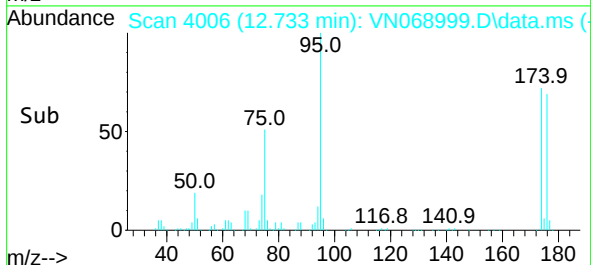
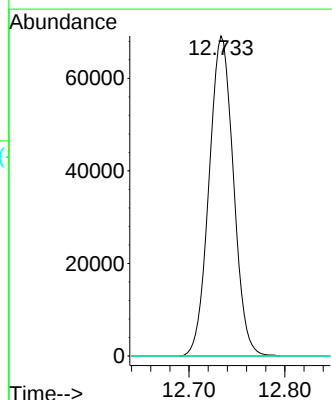
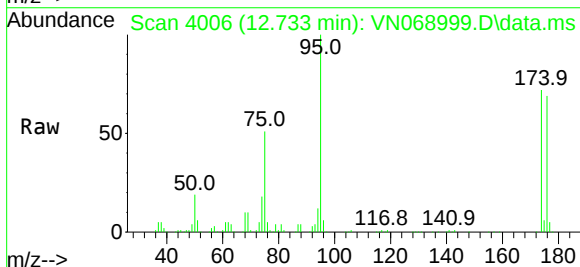
Instrument :
MSVOA_N
ClientSampled :

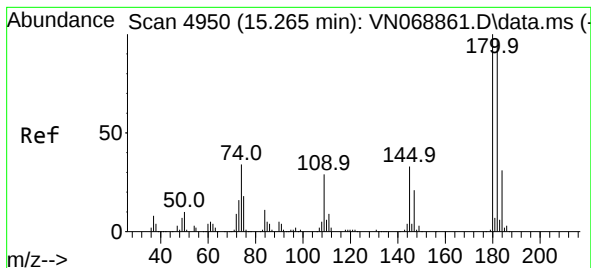
Tgt Ion: 75 Resp: 122113
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.827 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

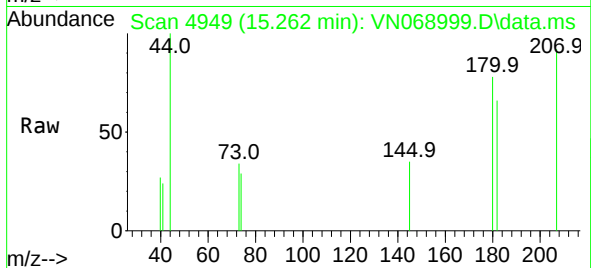
Tgt Ion: 75 Resp: 122113
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



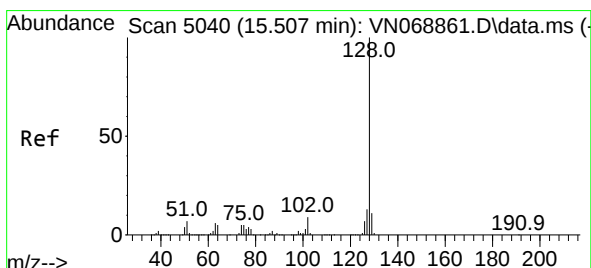
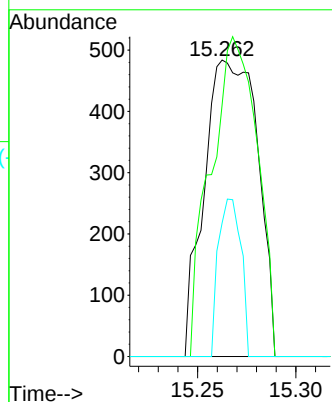
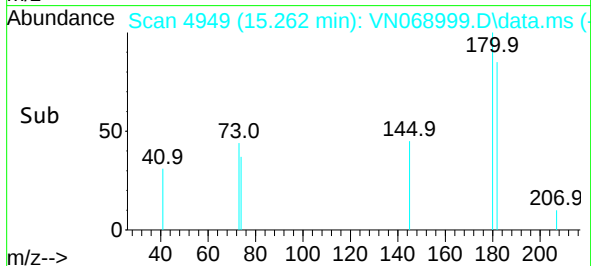


#93
1,2,4-Trichlorobenzene
Concen: 2.882 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23

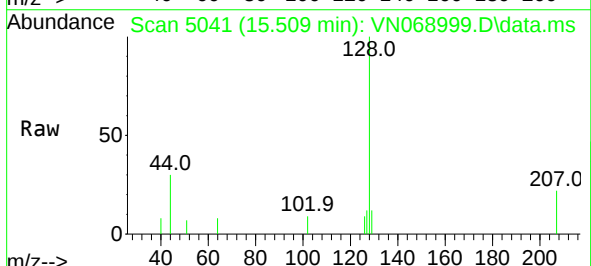
Instrument :
MSVOA_N
ClientSampleId :



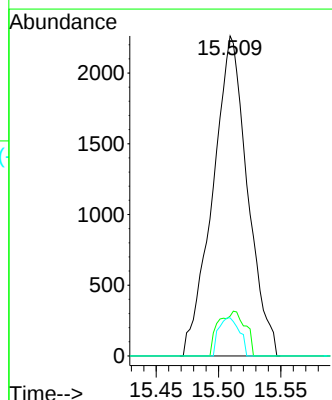
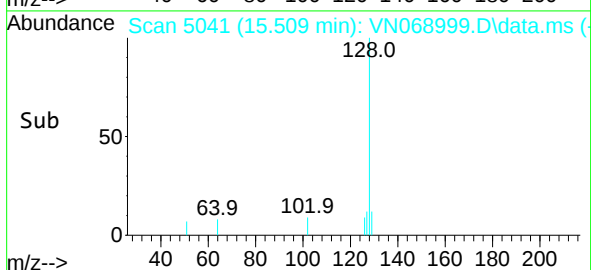
Tgt Ion:180 Resp: 913
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.7
145 22.5 16.4 49.2

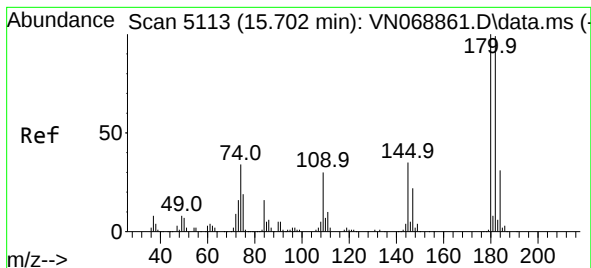


#95
Naphthalene
Concen: 4.288 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068999.D
Acq: 19 Oct 2021 00:23



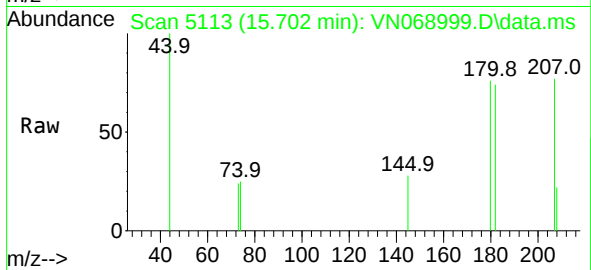
Tgt Ion:128 Resp: 4391
Ion Ratio Lower Upper
128 100
127 10.9 10.5 15.7
129 7.1 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.842 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN068999.D
 Acq: 19 Oct 2021 00:23

Instrument :
 MSVOA_N
 ClientSampled :



Tgt Ion:	180	Resp:	1015
Ion	Ratio	Lower	Upper
180	100		
182	105.6	48.1	144.3
145	29.1	17.4	52.2

