

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069164.D
 Acq On : 25 Oct 2021 20:40
 Operator : JC/MD
 Sample : M4307-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 26 01:36:47 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)

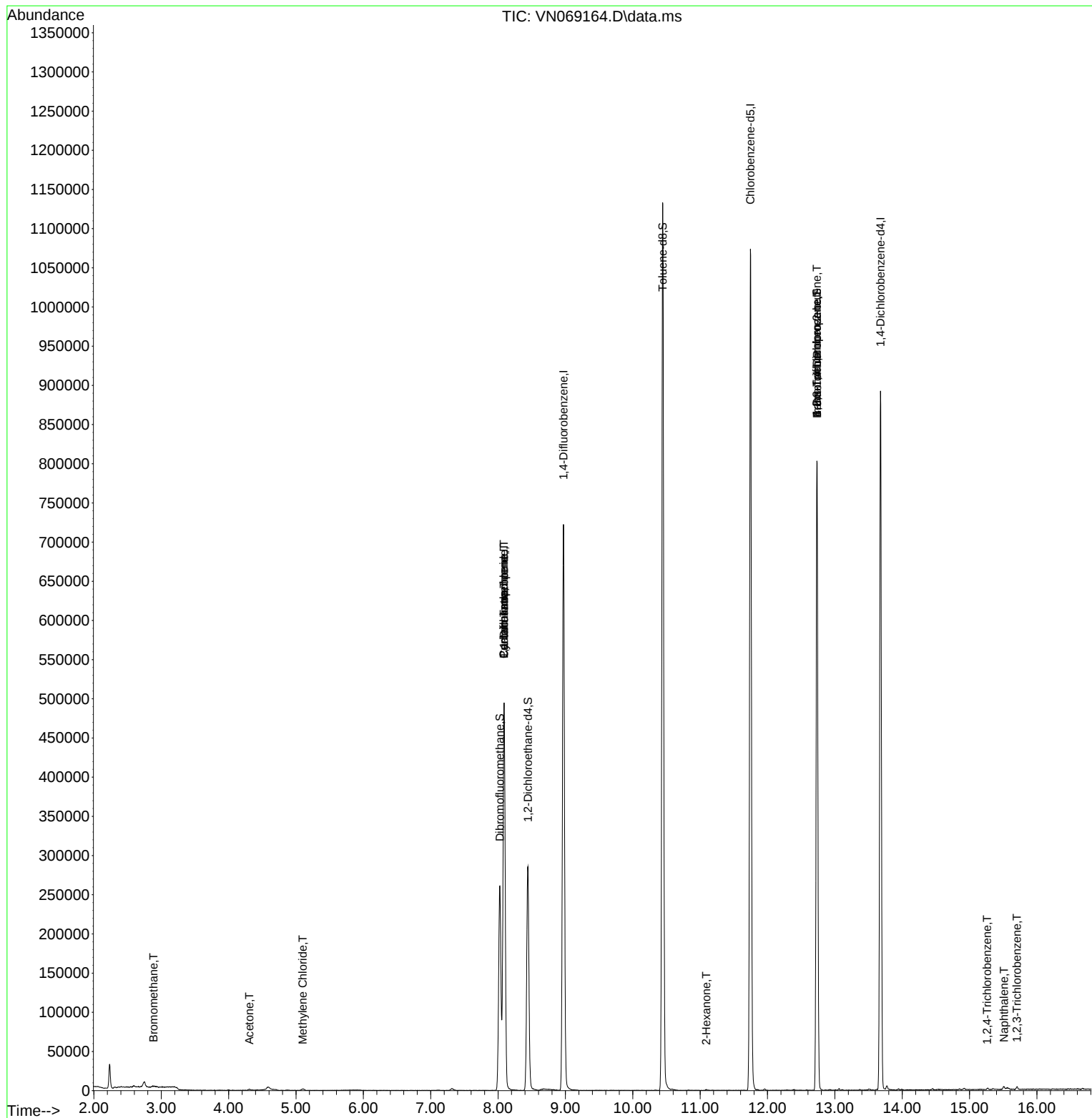
Internal Standards						
1) Pentafluorobenzene	8.088	168	373800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	658311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	642345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	238064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	244579	49.626	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.260%		
35) Dibromofluoromethane	8.027	113	193378	50.489	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.980%		
50) Toluene-d8	10.443	98	822276	53.656	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.320%		
62) 4-Bromofluorobenzene	12.733	95	294102	50.866	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.740%		
Target Compounds						Qvalue
5) Bromomethane	2.885	94	1170	0.458	ug/l	97
16) Acetone	4.309	43	2185	1.188	ug/l	91
20) Methylene Chloride	5.100	84	1799	0.425	ug/l	82
31) Cyclohexane	8.088	56	8864	1.157	ug/l #	2
36) 1,1-Dichloropropene	8.088	75	30690	5.458	ug/l #	43
38) Carbon Tetrachloride	8.088	117	39242	6.354	ug/l #	16
59) 2-Hexanone	11.092	43	999	0.234	ug/l	77
71) Bromoform	12.736	173	1151	0.302	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	153600	30.324	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	153600	72.548	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.260	180	344	2.683	ug/l #	31
95) Naphthalene	15.509	128	4586	4.195	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.702	180	900	2.738	ug/l	98

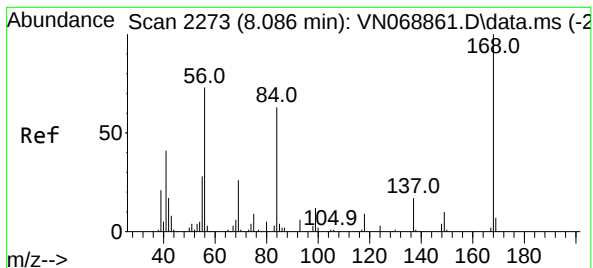
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN069164.D

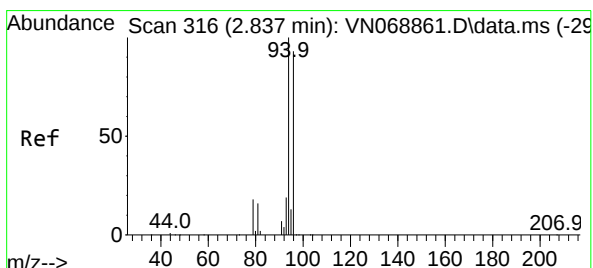
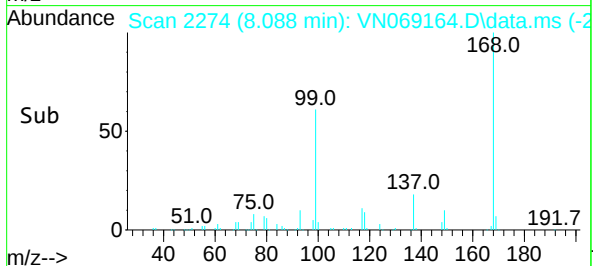
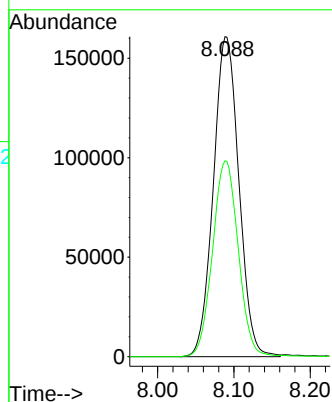
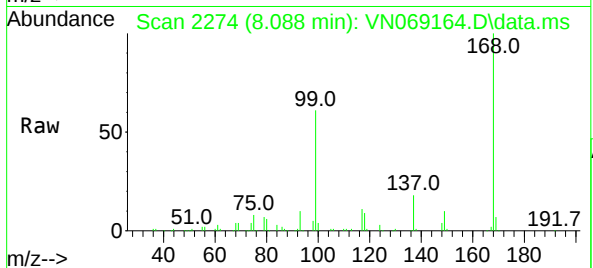
Acq: 25 Oct 2021 20:40

Tgt Ion:168 Resp: 373800

Ion Ratio Lower Upper

168 100

99 61.2 48.9 73.3



#5

Bromomethane

Concen: 0.458 ug/l

RT: 2.885 min Scan# 334

Delta R.T. 0.048 min

Lab File: VN069164.D

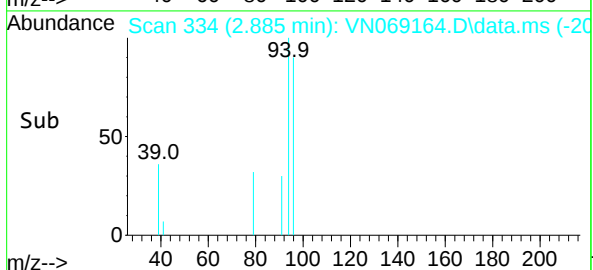
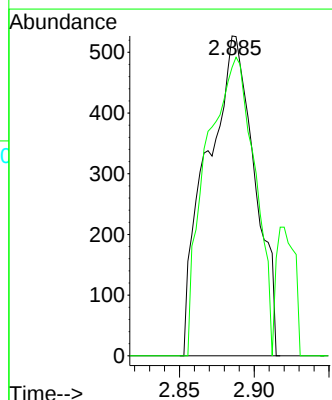
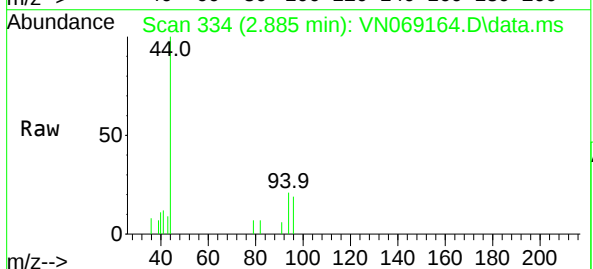
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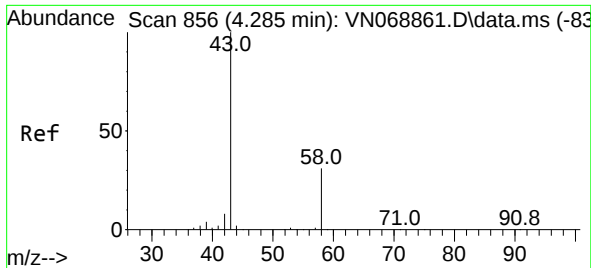
Tgt Ion: 94 Resp: 1170

Ion Ratio Lower Upper

94 100

96 90.1 74.2 111.4

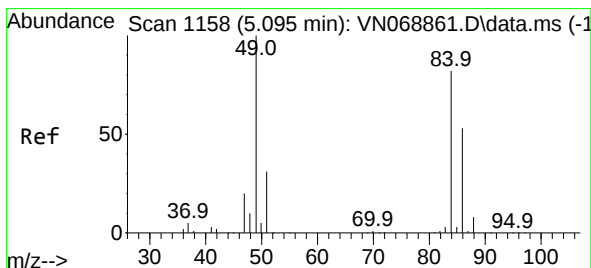
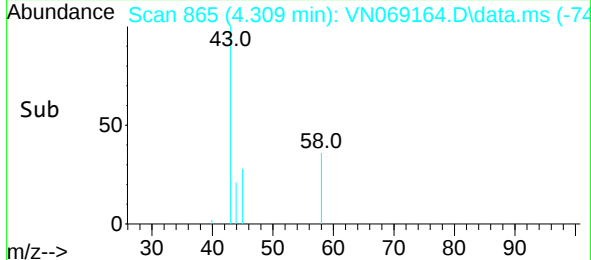
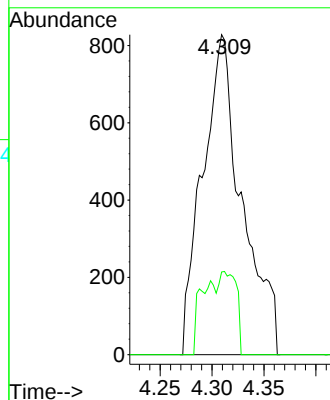
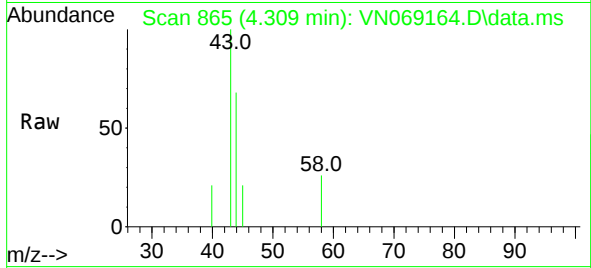




#16
Acetone
Concen: 1.188 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

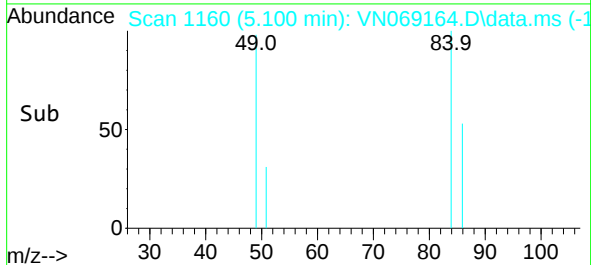
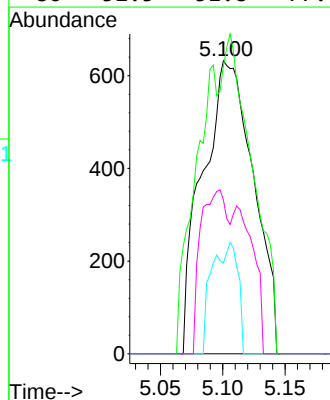
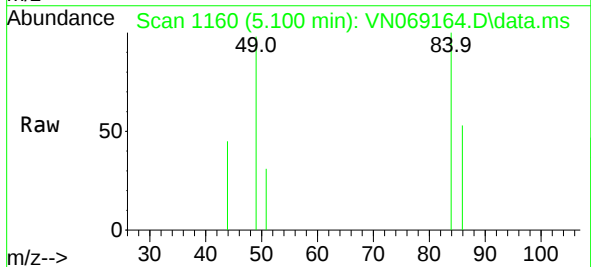
Instrument :
MSVOA_N
ClientSampled :

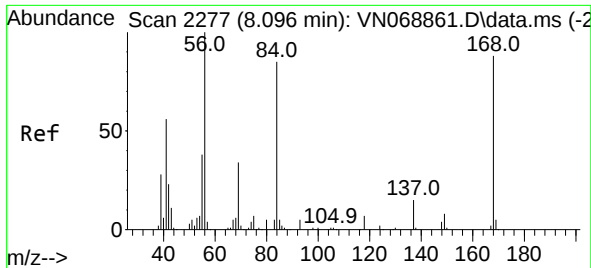
Tgt Ion: 43 Resp: 2185
Ion Ratio Lower Upper
43 100
58 25.8 24.5 36.7



#20
Methylene Chloride
Concen: 0.425 ug/l
RT: 5.100 min Scan# 1160
Delta R.T. 0.005 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

Tgt Ion: 84 Resp: 1799
Ion Ratio Lower Upper
84 100
49 98.3 97.6 146.4
51 31.0 30.3 45.5
86 52.5 51.8 77.6

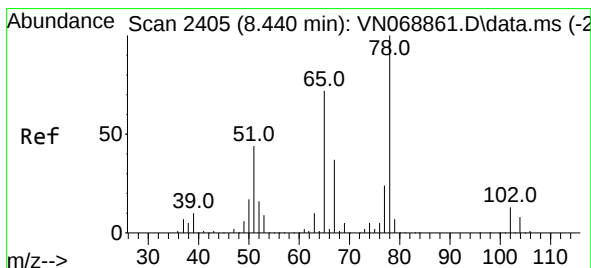
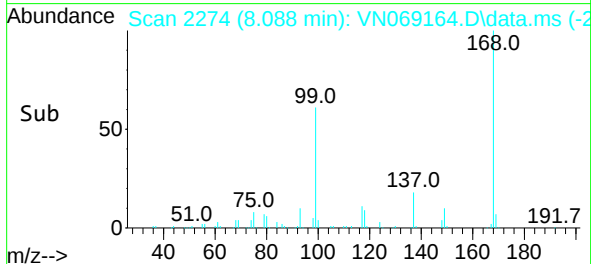
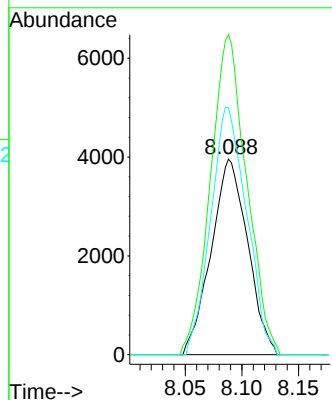
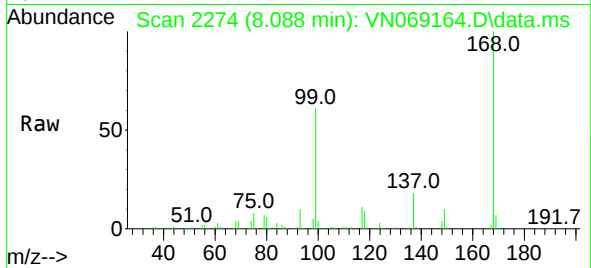




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

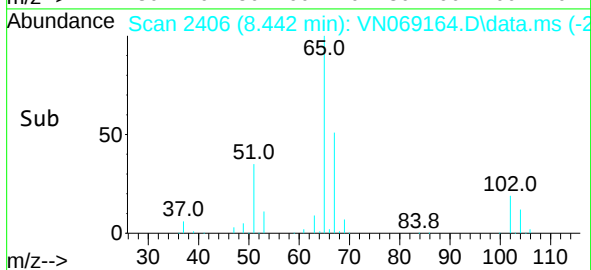
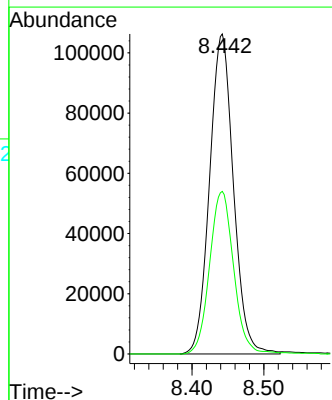
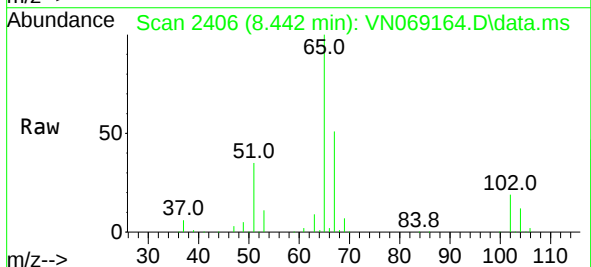
Instrument :
MSVOA_N
ClientSampled :

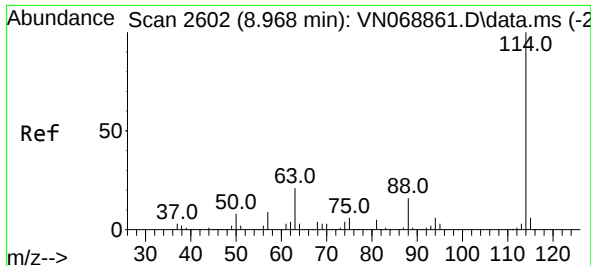
Tgt Ion: 56 Resp: 8864
Ion Ratio Lower Upper
56 100
69 163.5 26.9 40.3#
84 126.3 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.626 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

Tgt Ion: 65 Resp: 244579
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8

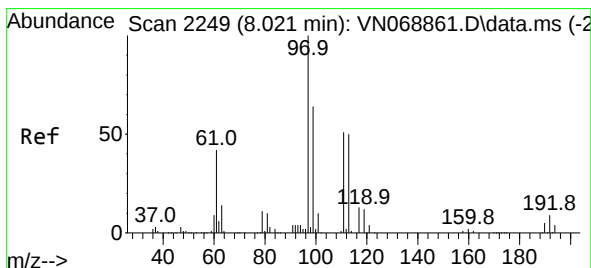
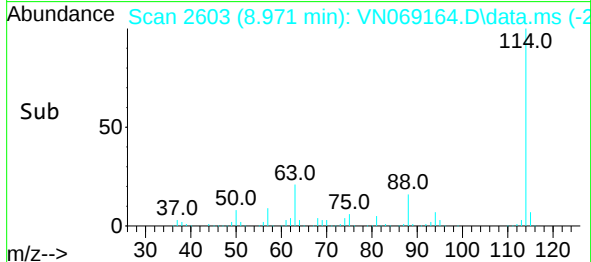
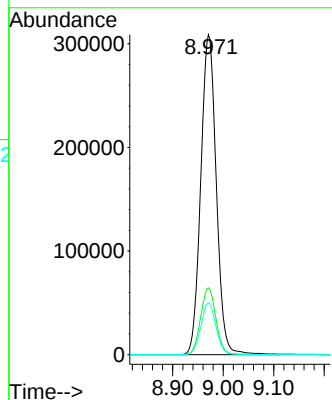
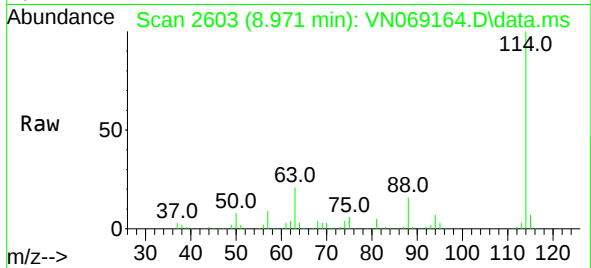




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

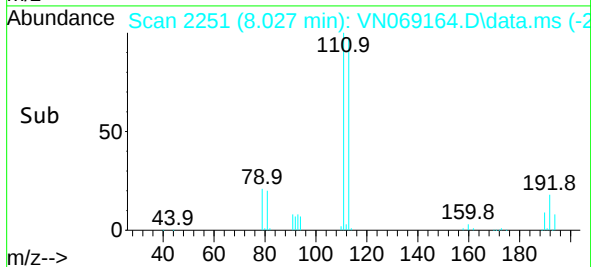
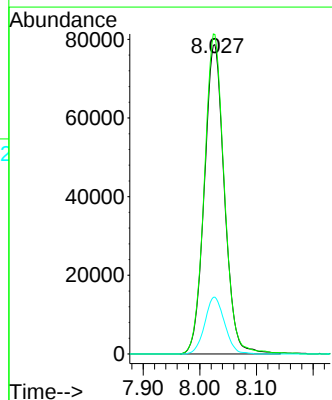
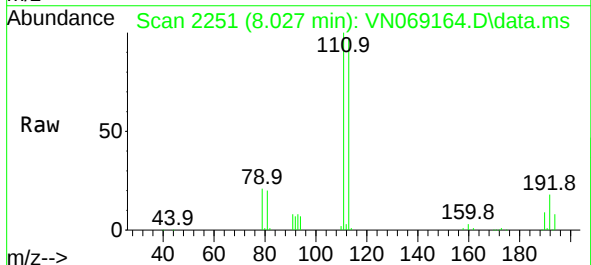
Instrument :
MSVOA_N
ClientSampled :

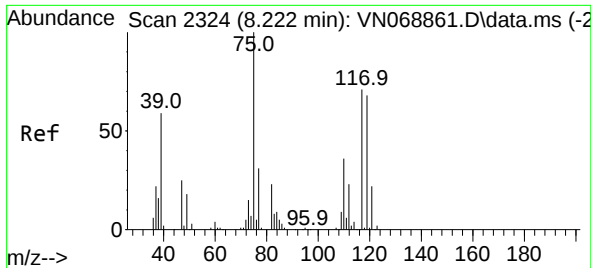
Tgt Ion:114 Resp: 658311
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 16.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.489 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

Tgt Ion:113 Resp: 193378
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.1 15.0 22.4

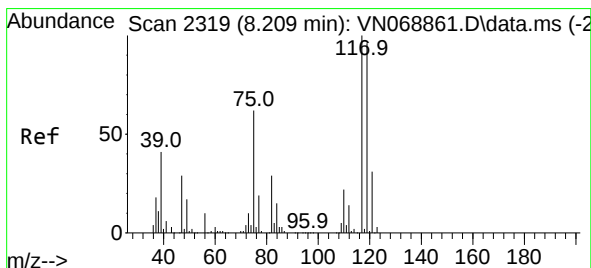
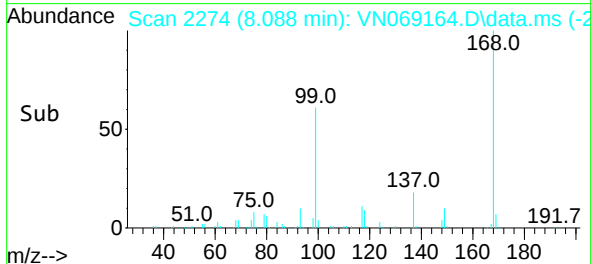
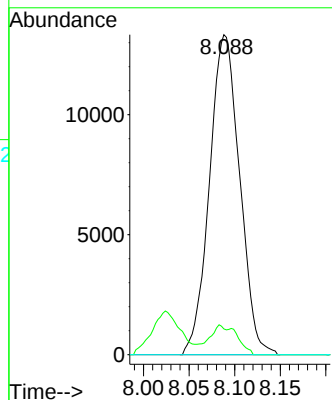
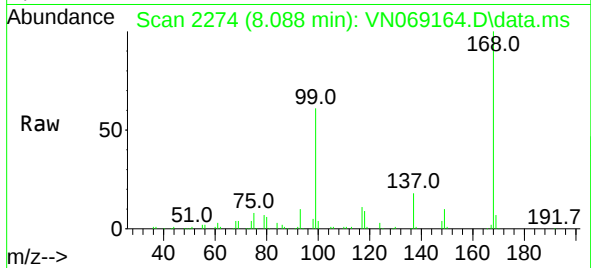




#36
1,1-Dichloropropene
Concen: 5.458 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

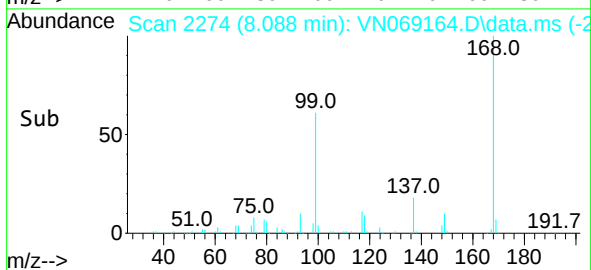
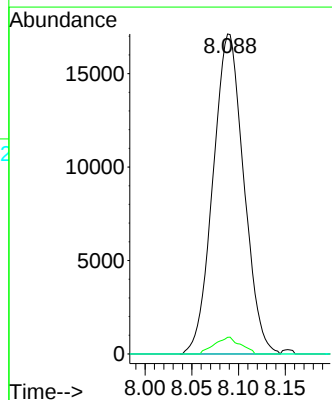
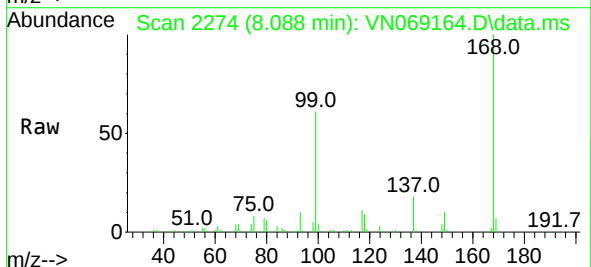
Instrument :
MSVOA_N
ClientSampleId :

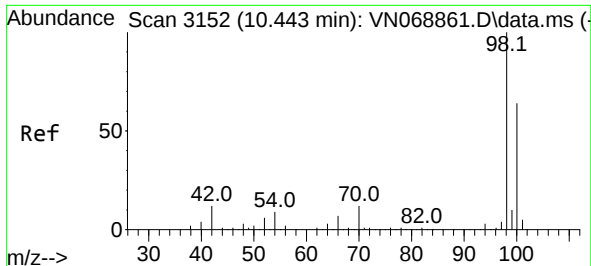
Tgt Ion: 75 Resp: 30690
Ion Ratio Lower Upper
75 100
110 2.4 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

Tgt Ion: 117 Resp: 39242
Ion Ratio Lower Upper
117 100
119 5.2 76.9 115.3#
121 0.0 24.6 37.0#

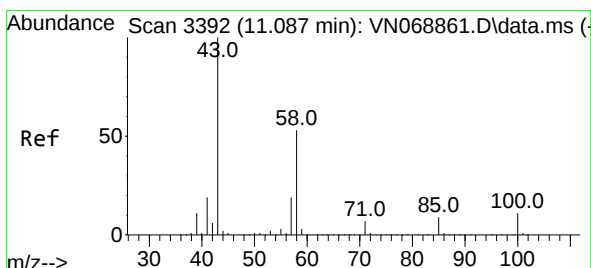
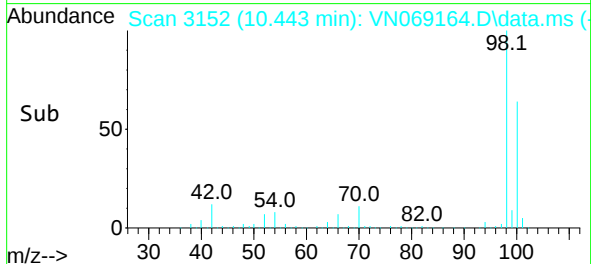
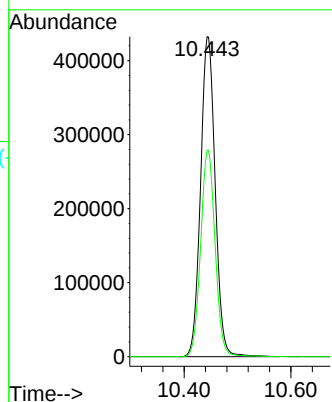
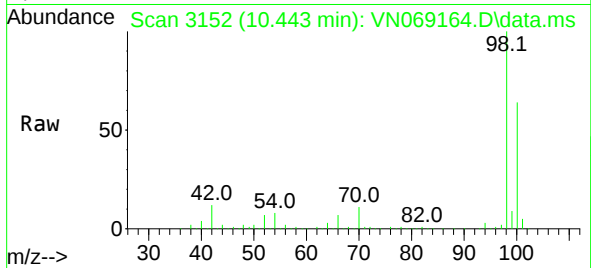




#50
Toluene-d8
Concen: 53.656 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

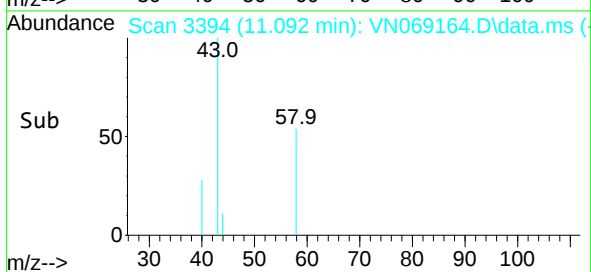
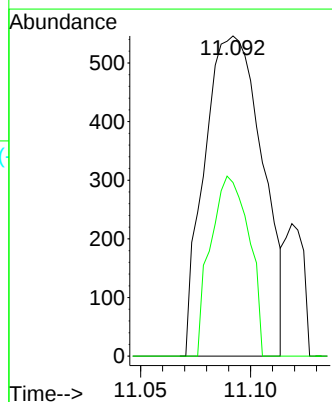
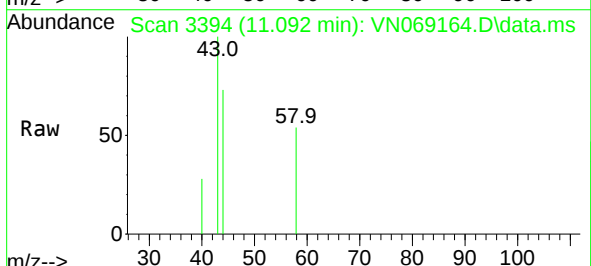
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MSVOA_N
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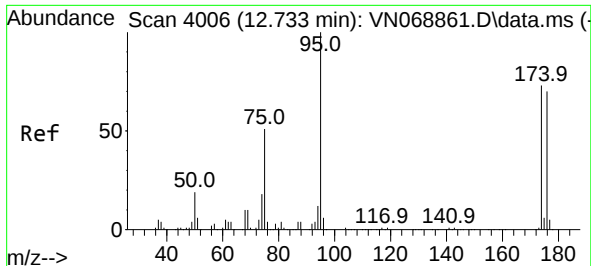
Tgt Ion: 98 Resp: 822276
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#59
2-Hexanone
Concen: 0.234 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 37.1 26.9 80.7

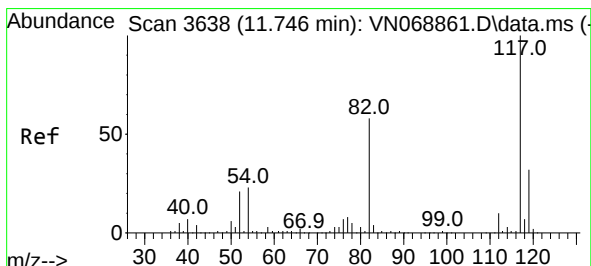
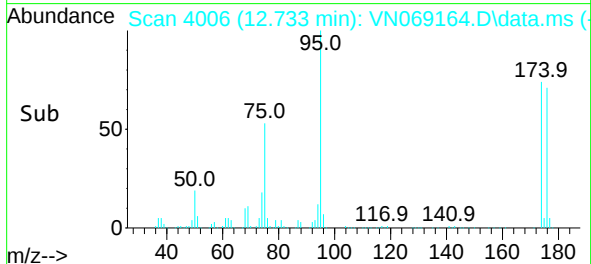
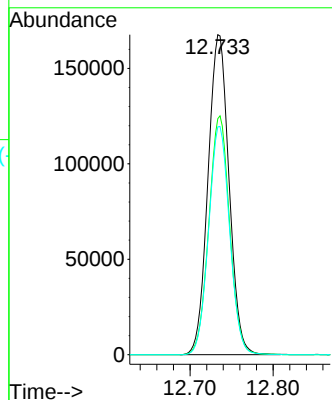
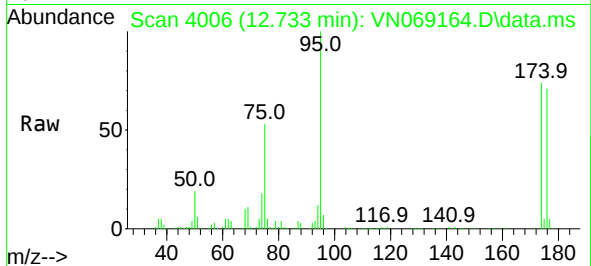




#62
4-Bromofluorobenzene
Concen: 50.866 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

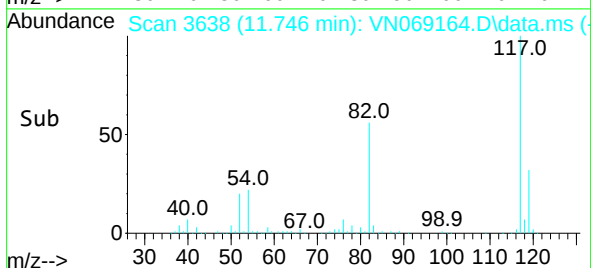
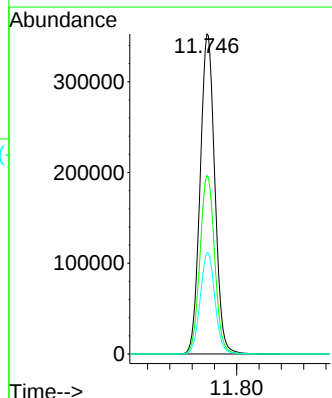
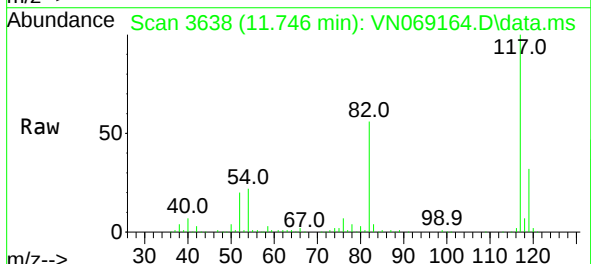
Instrument :
MSVOA_N
ClientSampleId :

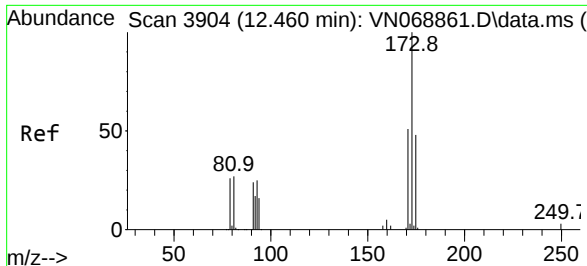
Tgt Ion: 95 Resp: 294102
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.8
176 71.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

Tgt Ion: 117 Resp: 642345
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 31.7 26.0 39.0

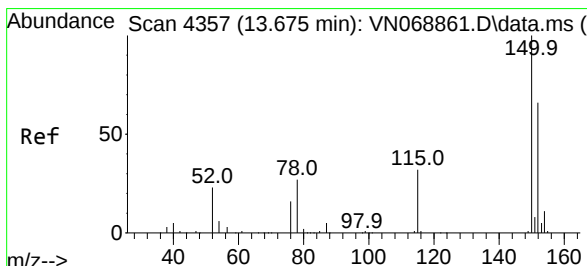
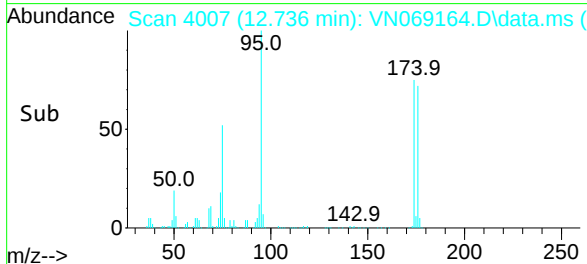
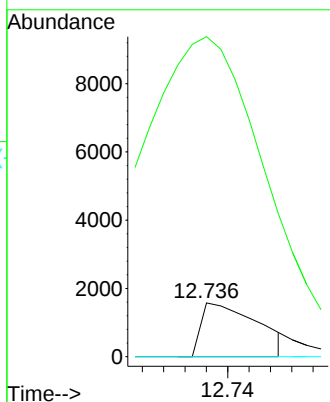
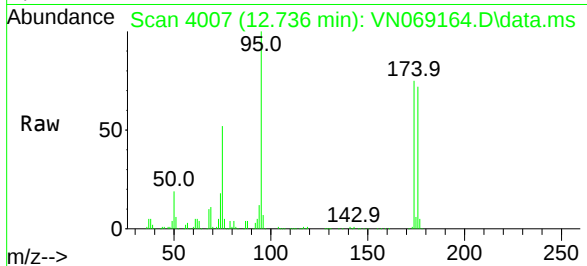




#71
Bromoform
Concen: 0.302 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

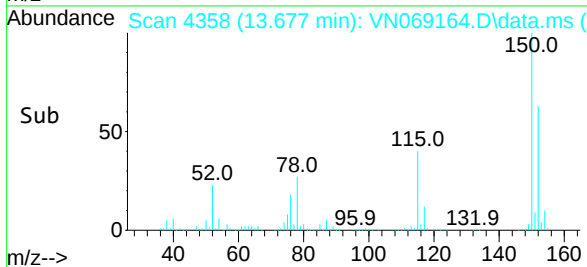
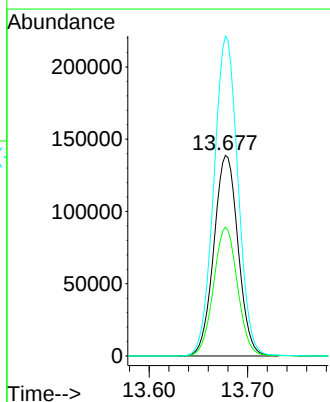
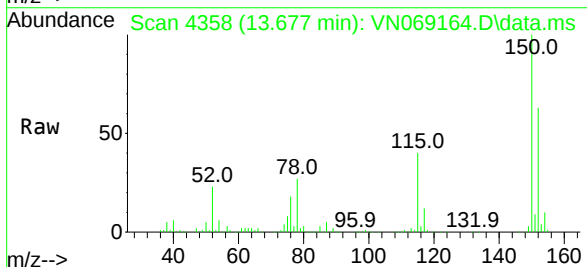
Instrument :
MSVOA_N
ClientSampled :

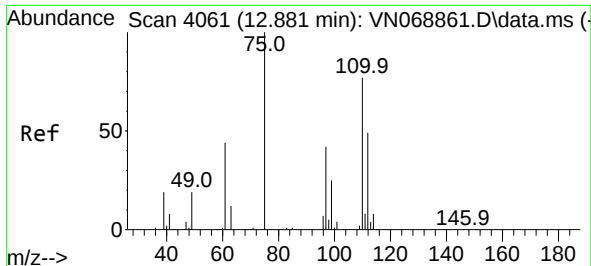
Tgt Ion:173 Resp: 1151
Ion Ratio Lower Upper
173 100
175 1307.5 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

Tgt Ion:152 Resp: 238064
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 158.3 0.0 351.0

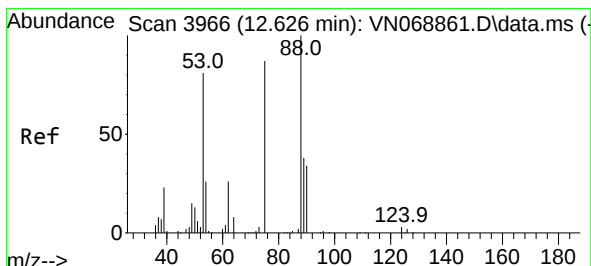
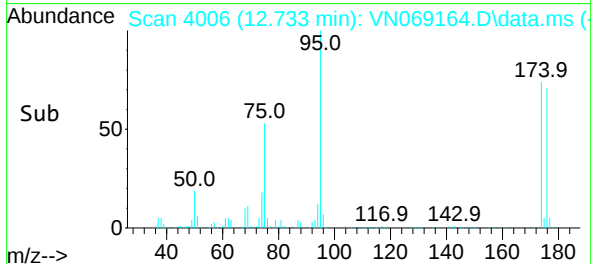
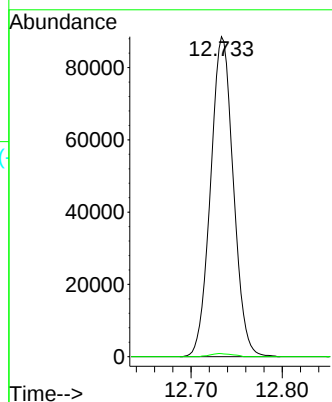
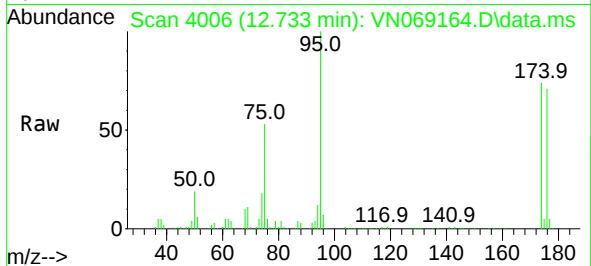




#76
1,2,3-Trichloropropane
Concen: 30.324 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

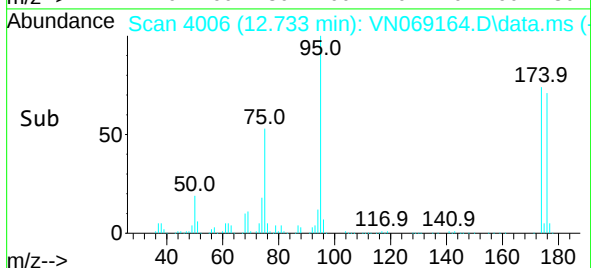
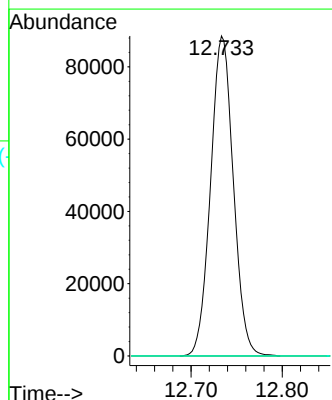
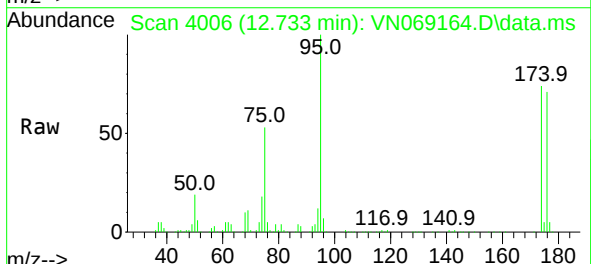
Instrument :
MSVOA_N
ClientSampled :

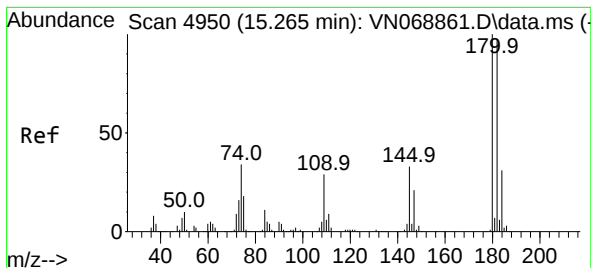
Tgt Ion: 75 Resp: 153600
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.548 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

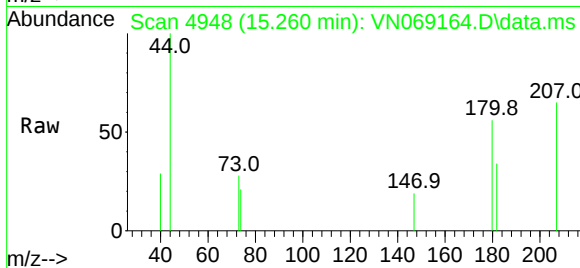
Tgt Ion: 75 Resp: 153600
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



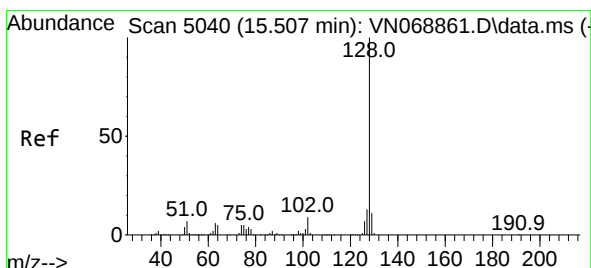
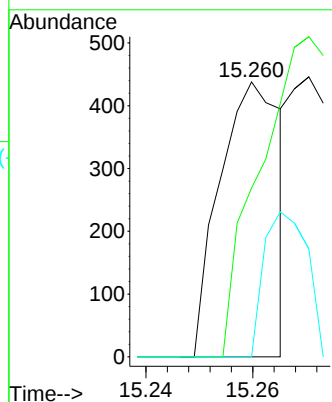
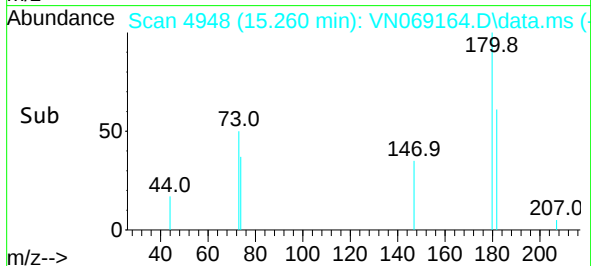


#93
1,2,4-Trichlorobenzene
Concen: 2.683 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40

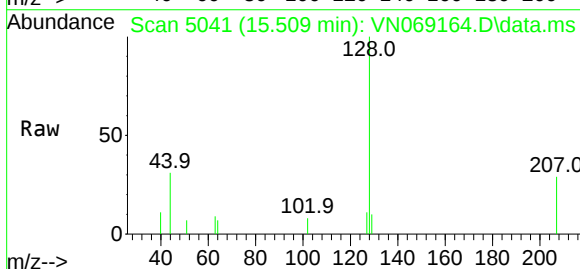
Instrument :
MSVOA_N
ClientSampled :



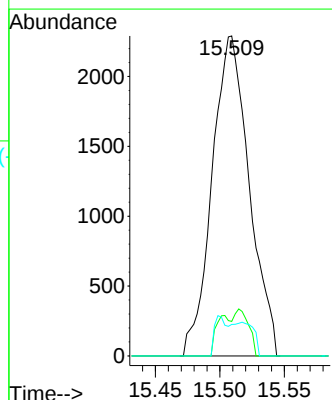
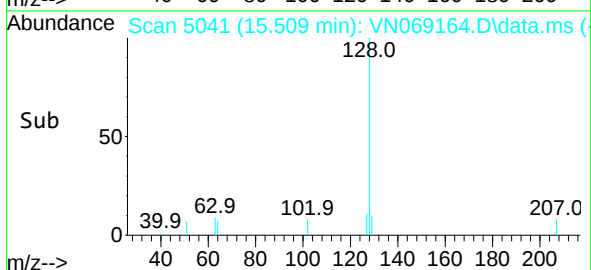
Tgt Ion:180 Resp: 344
Ion Ratio Lower Upper
180 100
182 182.8 47.9 143.7#
145 37.8 16.4 49.2

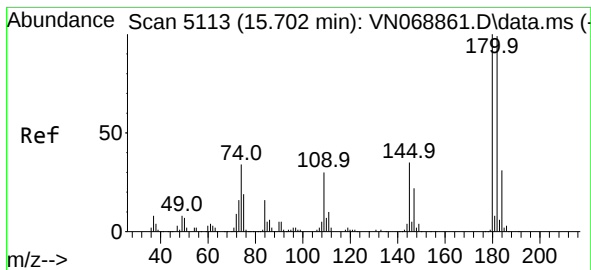


#95
Naphthalene
Concen: 4.195 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069164.D
Acq: 25 Oct 2021 20:40



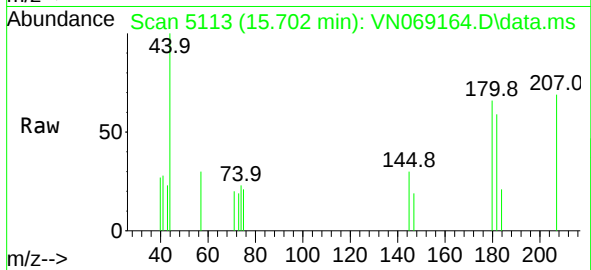
Tgt Ion:128 Resp: 4586
Ion Ratio Lower Upper
128 100
127 5.3 10.5 15.7#
129 4.3 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.738 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN069164.D
 Acq: 25 Oct 2021 20:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	900
Ion	Ratio	Lower	Upper
180	100		
182	98.4	48.1	144.3
145	34.1	17.4	52.2

