

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068962.D
 Acq On : 15 Oct 2021 20:34
 Operator : JC/MD
 Sample : M4254-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:18:06 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)

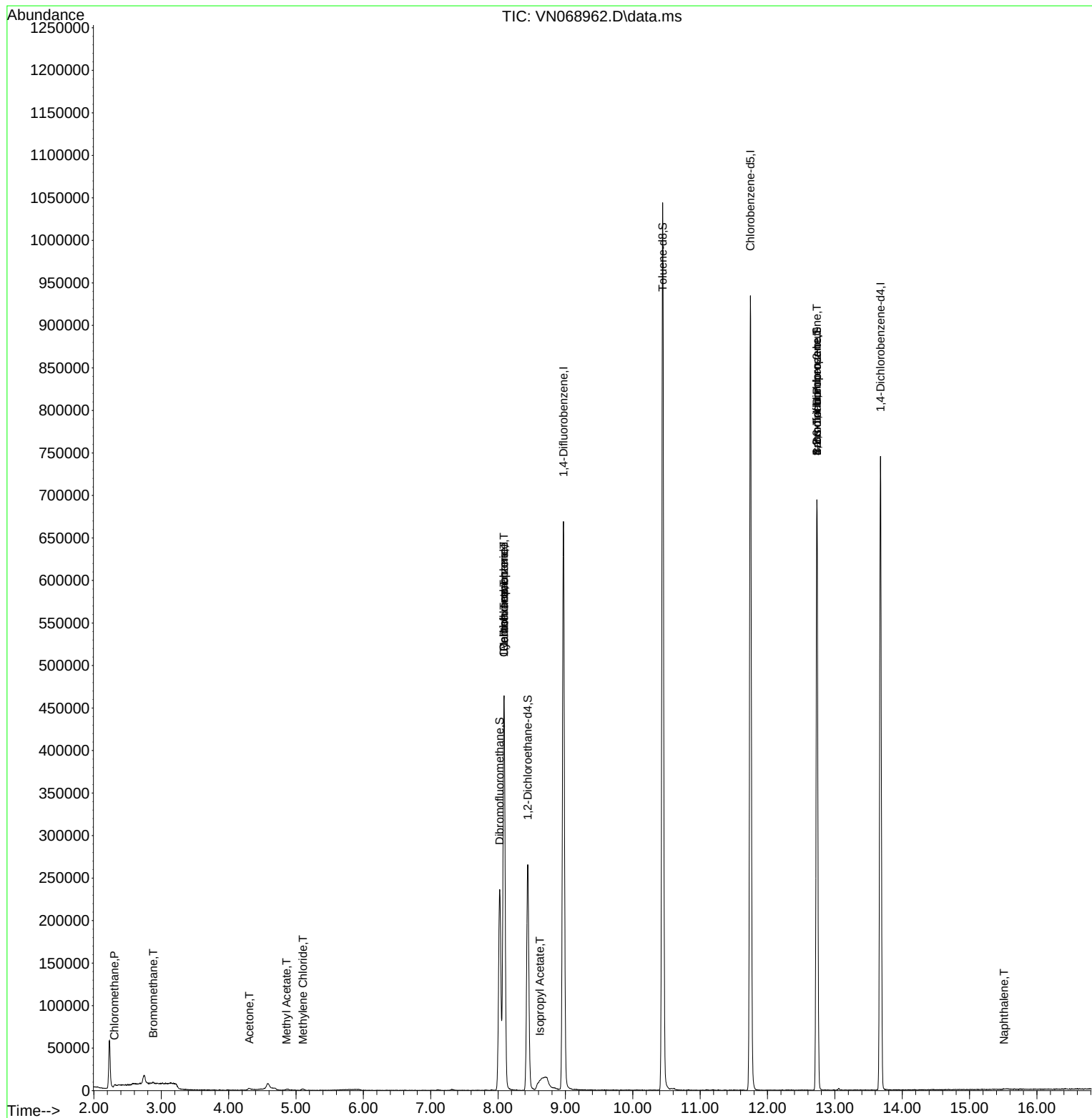
Internal Standards						
1) Pentafluorobenzene	8.088	168	347919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	605487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	553587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	200919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	222121	48.422	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.840%		
35) Dibromofluoromethane	8.024	113	179754	51.026	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.060%		
50) Toluene-d8	10.443	98	745857	52.916	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.840%		
62) 4-Bromofluorobenzene	12.733	95	257886	48.493	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.980%		
Target Compounds						Qvalue
3) Chloromethane	2.303	50	1363	0.321	ug/l	99
5) Bromomethane	2.880	94	678	0.285	ug/l #	34
16) Acetone	4.307	43	3760	2.196	ug/l	92
18) Methyl Acetate	4.859	43	1537	0.237	ug/l #	73
20) Methylene Chloride	5.103	84	1276	0.324	ug/l #	73
31) Cyclohexane	8.086	56	7904	1.108	ug/l #	20
36) 1,1-Dichloropropene	8.086	75	29104	5.627	ug/l #	49
38) Carbon Tetrachloride	8.088	117	36945	6.504	ug/l #	16
43) Isopropyl Acetate	8.619	43	10872	1.154	ug/l #	55
71) Bromoform	12.733	173	1445	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	132613	31.021	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	132613	74.215	ug/l #	12
95) Naphthalene	15.509	128	501	3.861	ug/l #	69

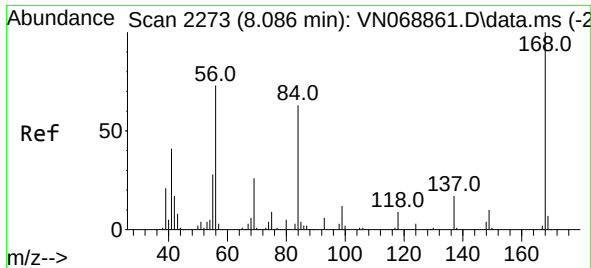
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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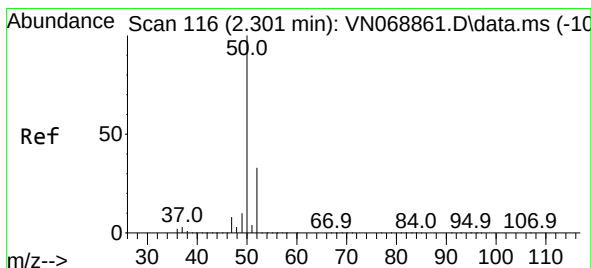
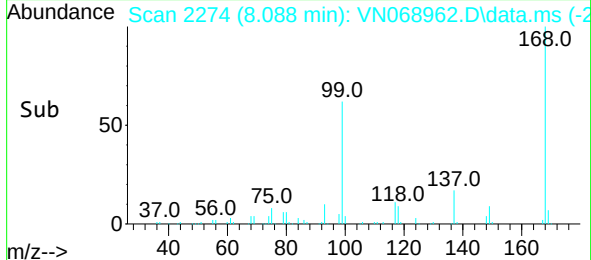
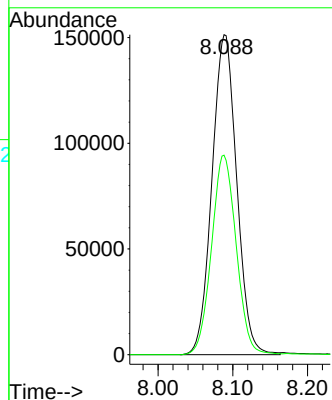
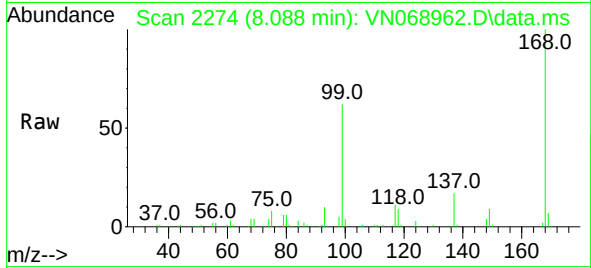




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

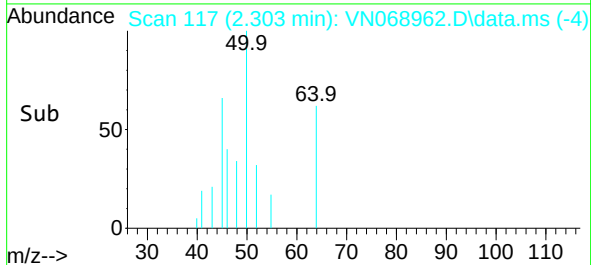
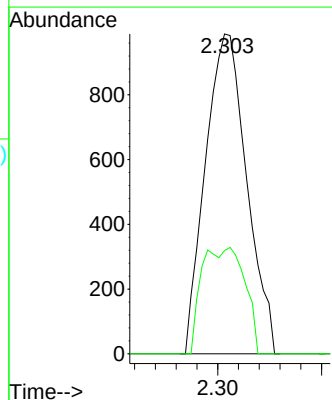
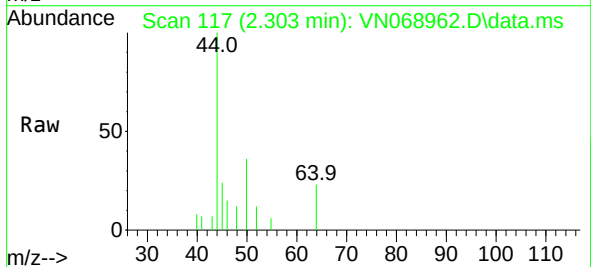
Instrument :
MSVOA_N
ClientSampled :

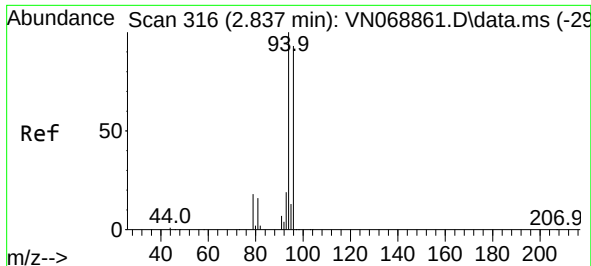
Tgt Ion:168 Resp: 347919
Ion Ratio Lower Upper
168 100
99 62.3 48.9 73.3



#3
Chloromethane
Concen: 0.321 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Tgt Ion: 50 Resp: 1363
Ion Ratio Lower Upper
50 100
52 32.3 26.3 39.5

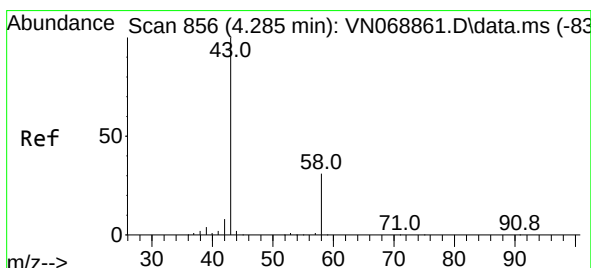
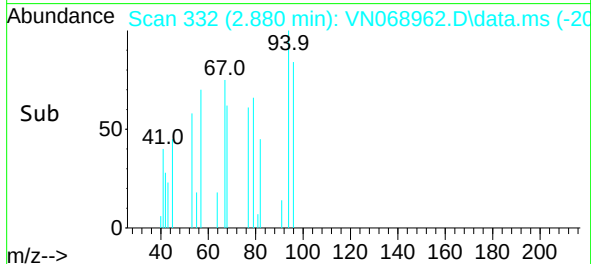
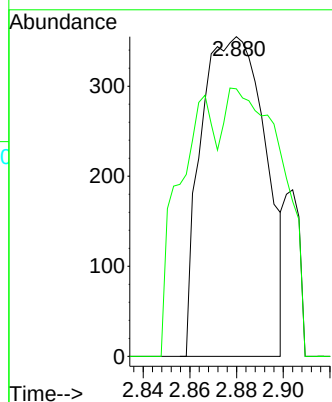
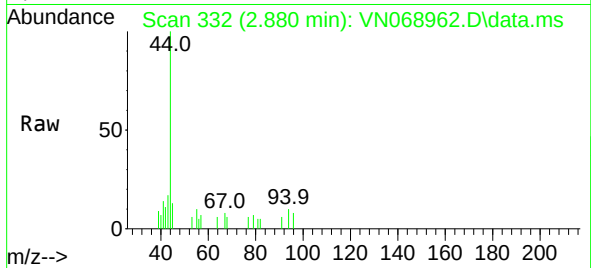




#5
Bromomethane
Concen: 0.285 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

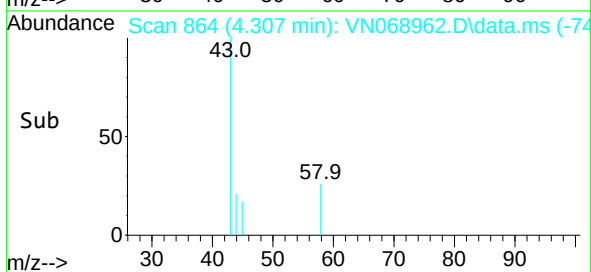
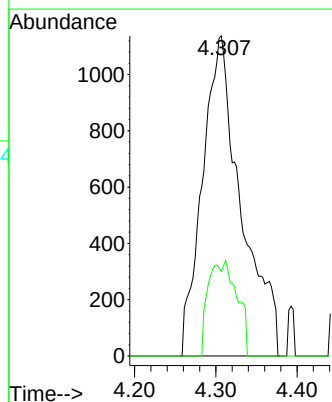
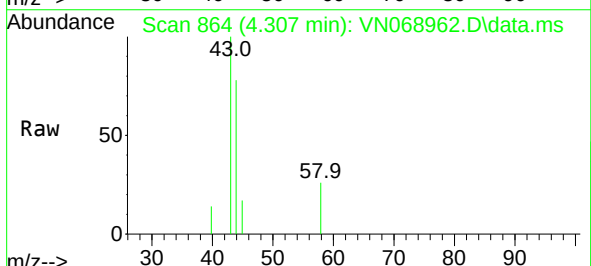
Instrument :
MSVOA_N
ClientSampled :

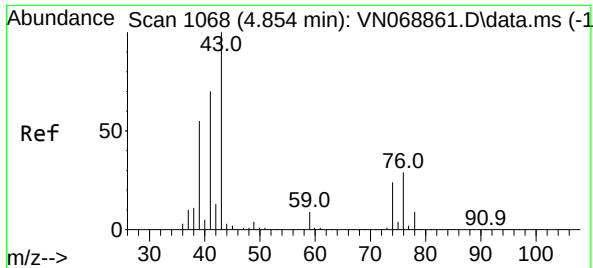
Tgt Ion: 94 Resp: 678
Ion Ratio Lower Upper
94 100
96 29.9 74.2 111.4#



#16
Acetone
Concen: 2.196 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.021 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Tgt Ion: 43 Resp: 3760
Ion Ratio Lower Upper
43 100
58 26.4 24.5 36.7

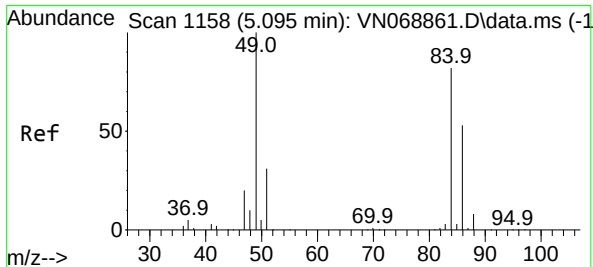
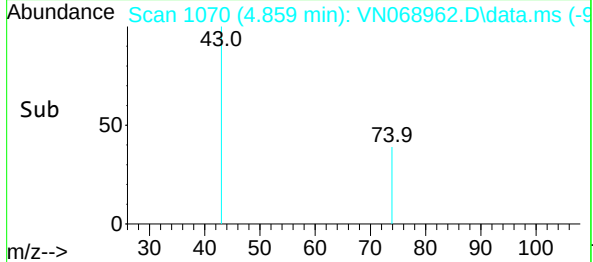
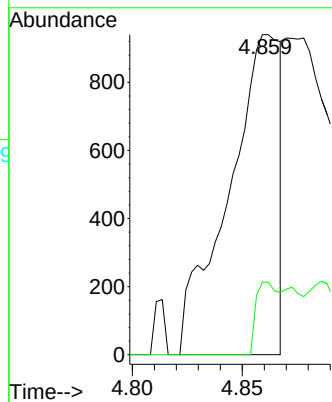
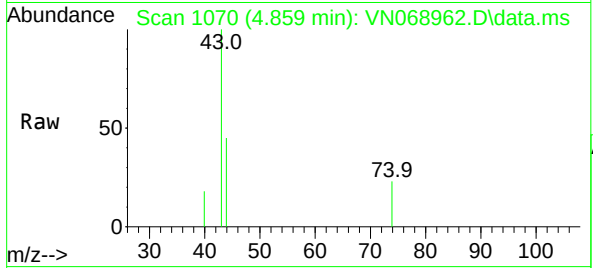




#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

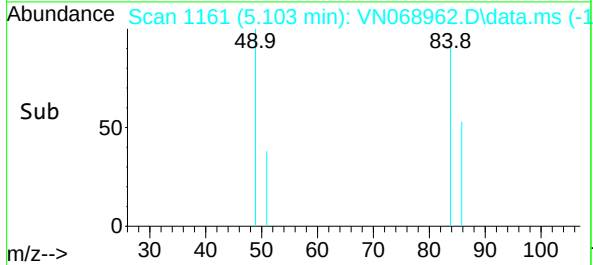
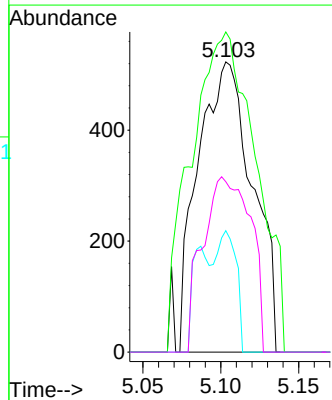
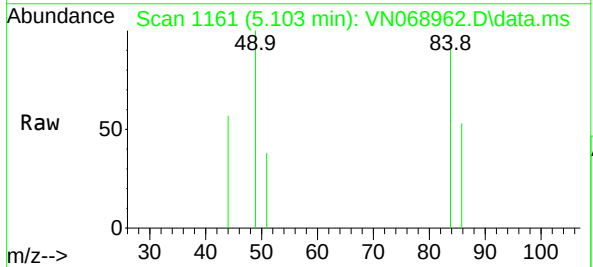
Instrument :
MSVOA_N
ClientSampled :

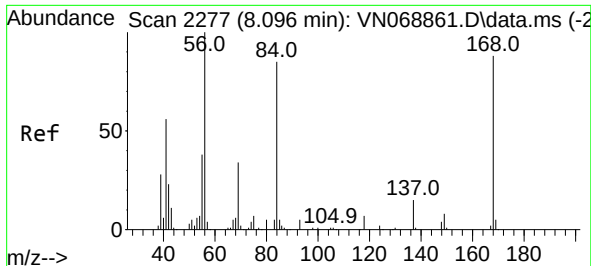
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
74 10.1 18.9 28.3#



#20
Methylene Chloride
Concen: 0.324 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Tgt Ion: 84 Resp: 1276
Ion Ratio Lower Upper
84 100
49 73.8 97.6 146.4#
51 41.9 30.3 45.5
86 58.7 51.8 77.6

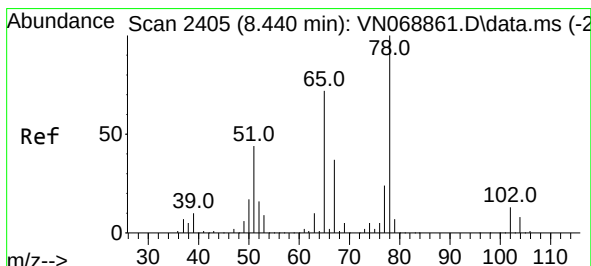
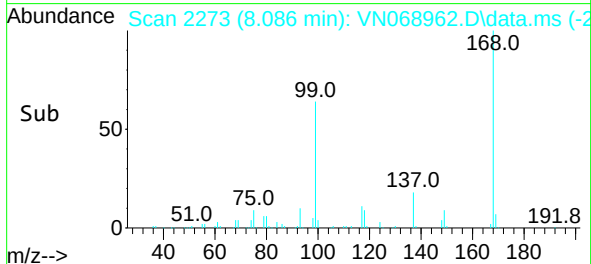
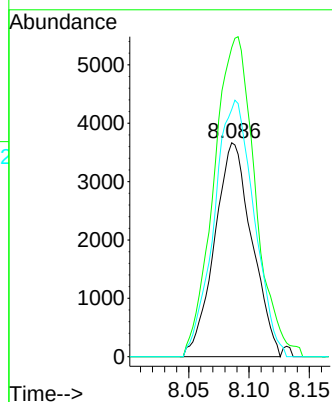
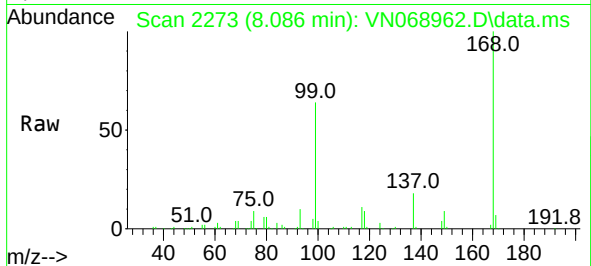




#31
Cyclohexane
Concen: 1.108 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

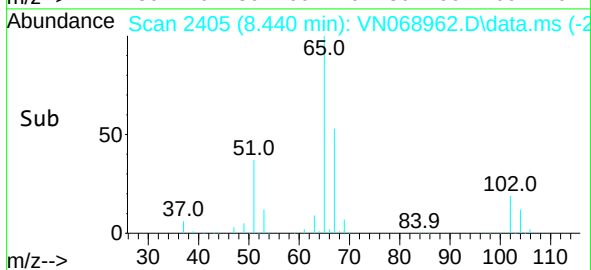
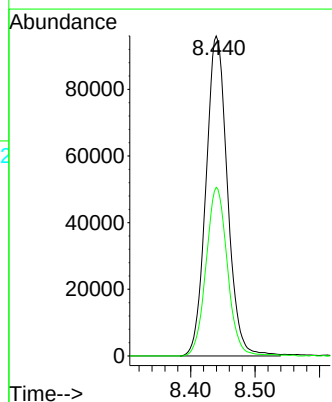
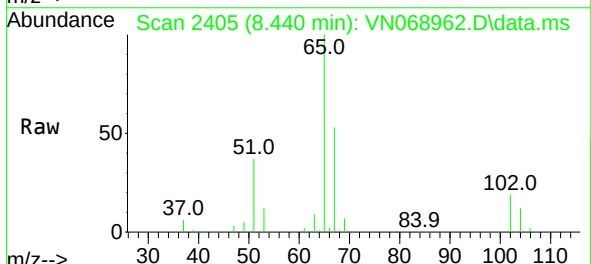
Instrument :
MSVOA_N
ClientSampleId :

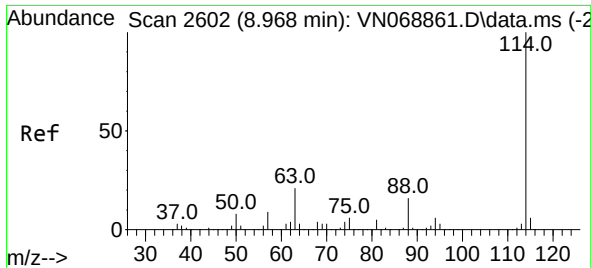
Tgt Ion: 56 Resp: 7904
Ion Ratio Lower Upper
56 100
69 144.5 26.9 40.3#
84 115.6 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.422 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Tgt Ion: 65 Resp: 222121
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

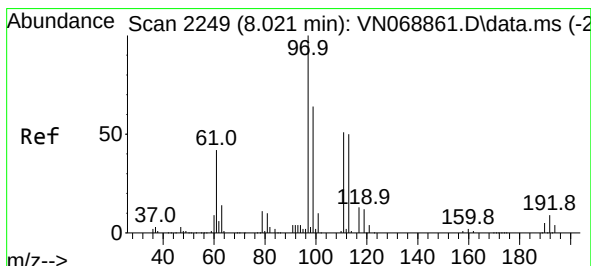
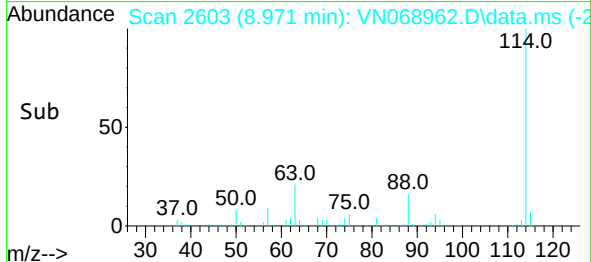
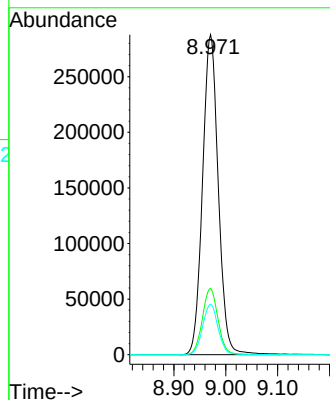
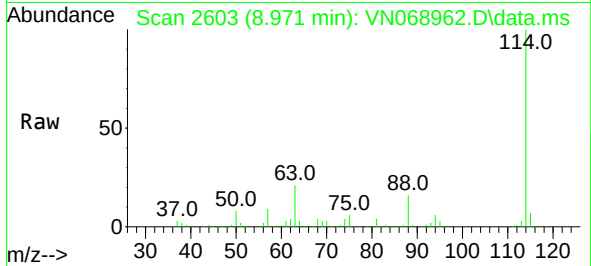




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

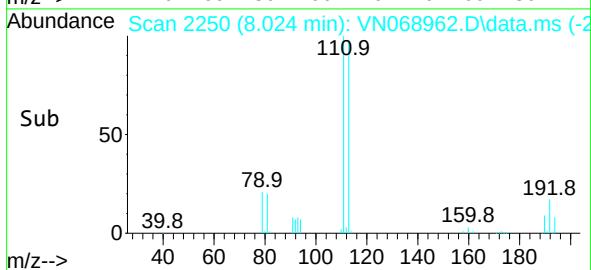
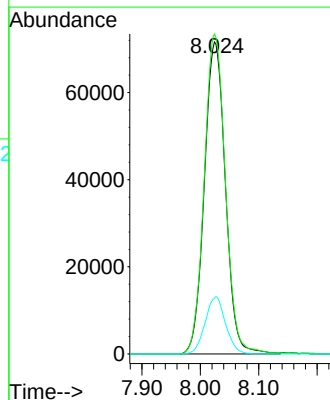
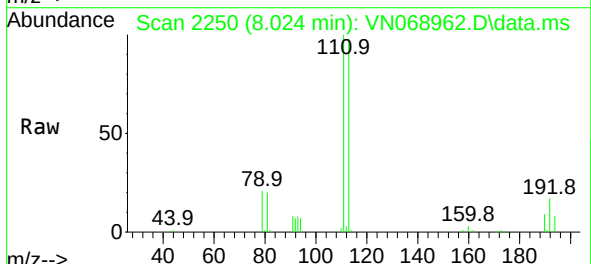
Instrument :
MSVOA_N
ClientSampled :

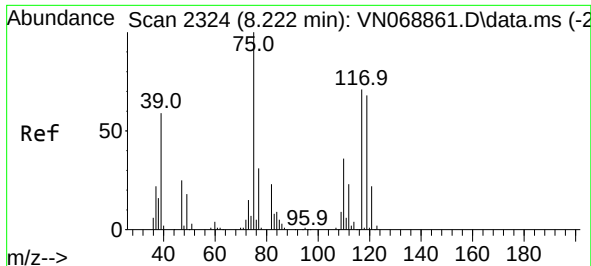
Tgt Ion:114 Resp: 605487
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.026 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Tgt Ion:113 Resp: 179754
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 17.8 15.0 22.4

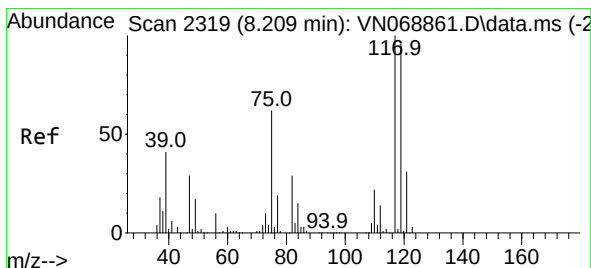
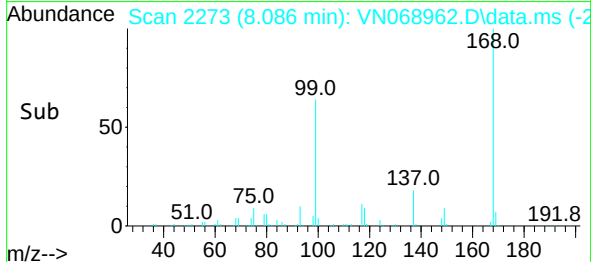
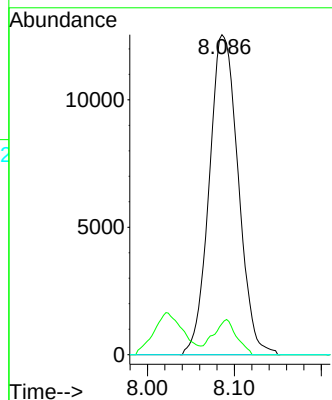
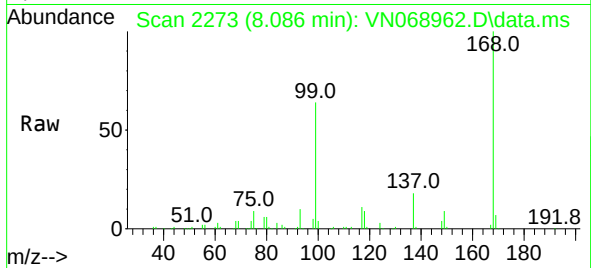




#36
1,1-Dichloropropene
Concen: 5.627 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

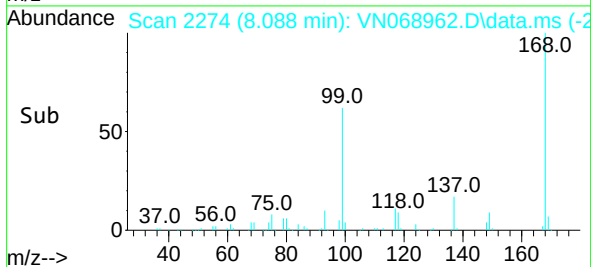
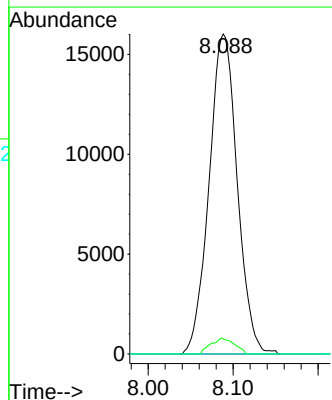
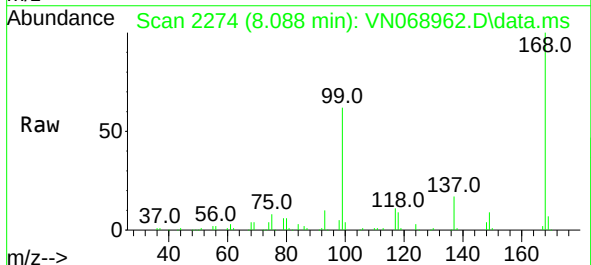
Instrument :
MSVOA_N
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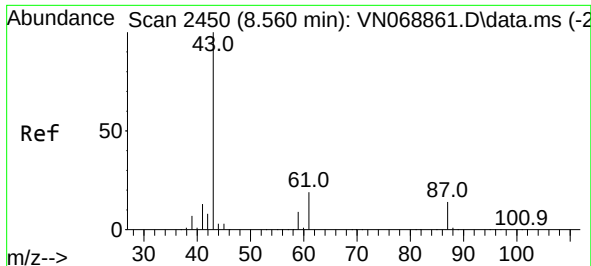
Tgt Ion: 75 Resp: 29104
Ion Ratio Lower Upper
75 100
110 8.8 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.504 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Tgt Ion: 117 Resp: 36945
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 24.6 37.0#

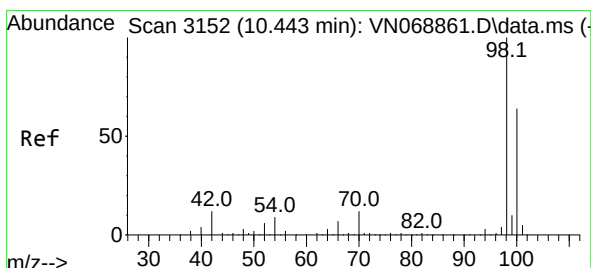
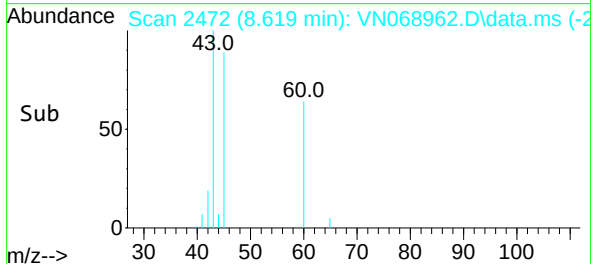
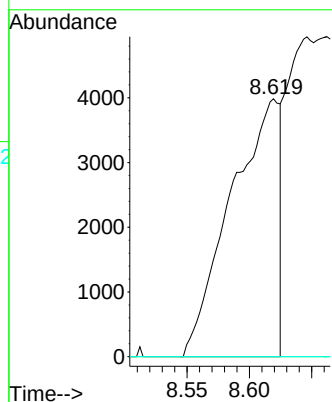
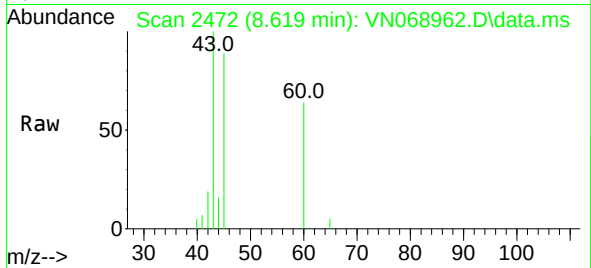




#43
Isopropyl Acetate
Concen: 1.154 ug/l
RT: 8.619 min Scan# 2472
Delta R.T. 0.059 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

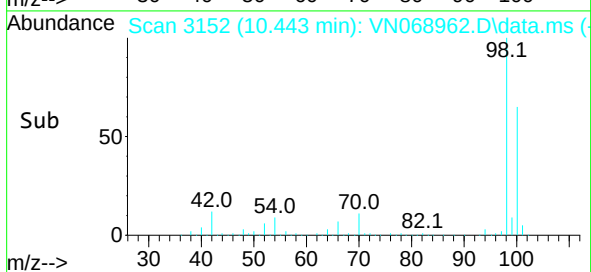
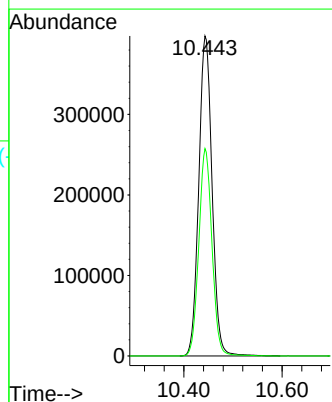
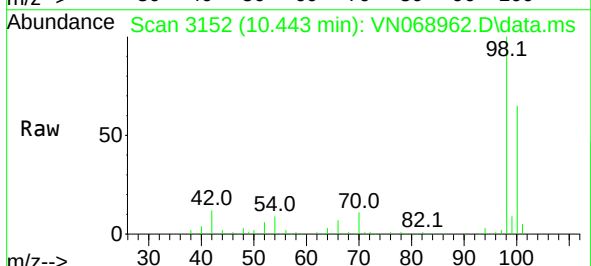
Instrument :
MSVOA_N
ClientSampled :

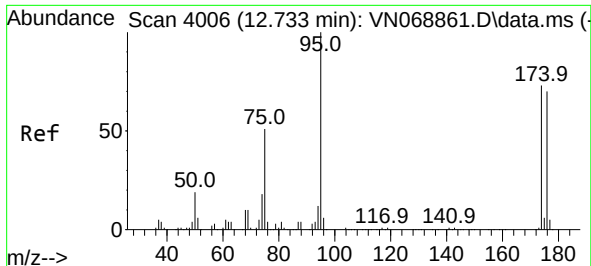
Tgt Ion: 43 Resp: 10872
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 52.916 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Tgt Ion: 98 Resp: 745857
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

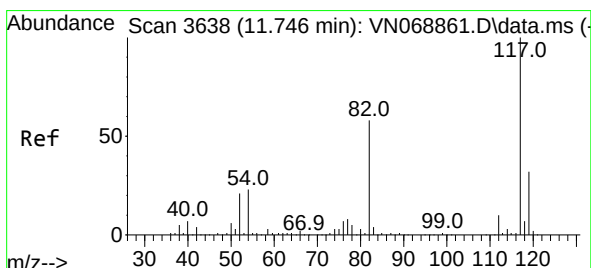
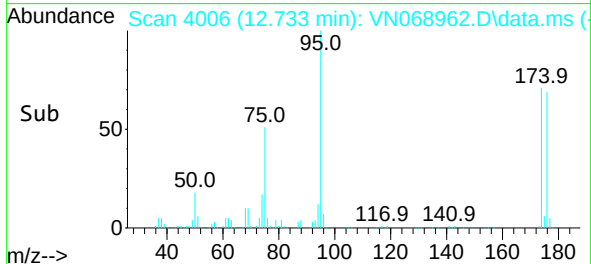
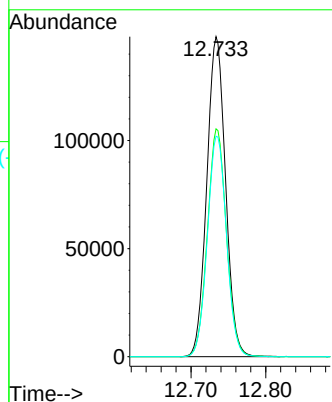
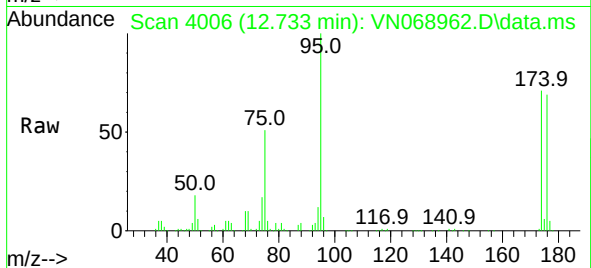




#62
4-Bromofluorobenzene
Concen: 48.493 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

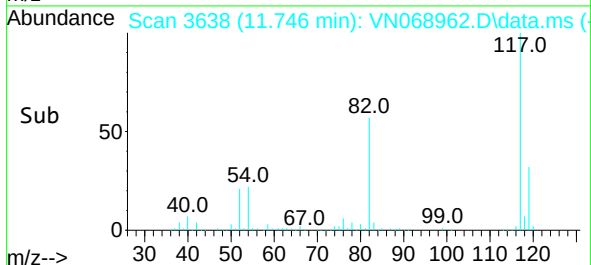
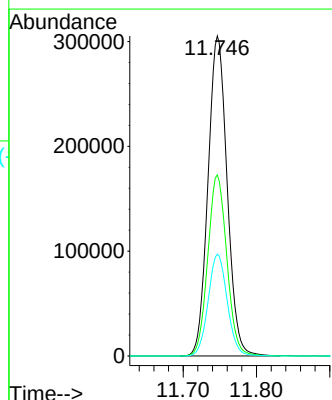
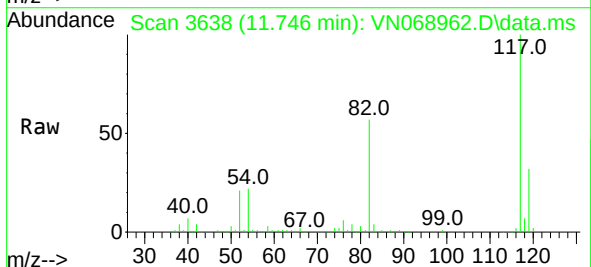
Instrument :
MSVOA_N
ClientSampled :

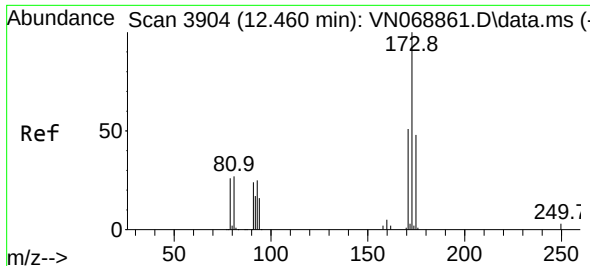
Tgt Ion: 95 Resp: 257886
Ion Ratio Lower Upper
95 100
174 72.2 0.0 144.8
176 70.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Tgt Ion: 117 Resp: 553587
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.8 26.0 39.0

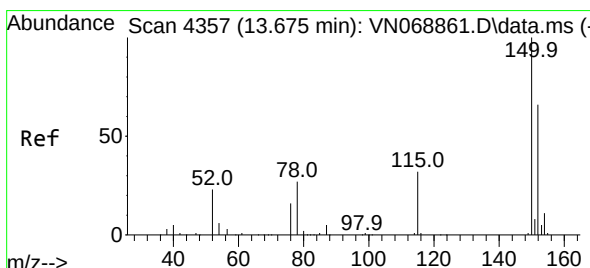
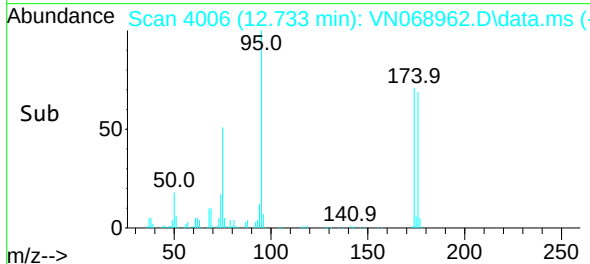
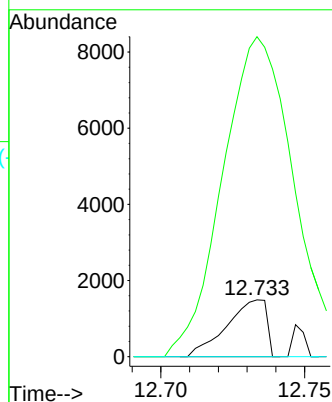
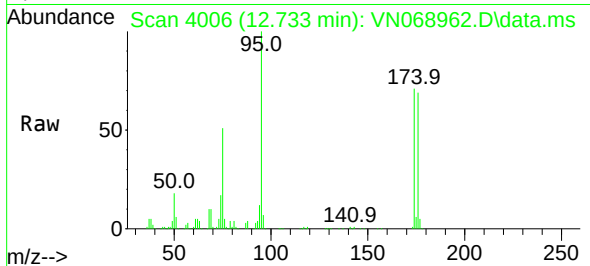




#71
Bromoform
Concen: 0.440 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

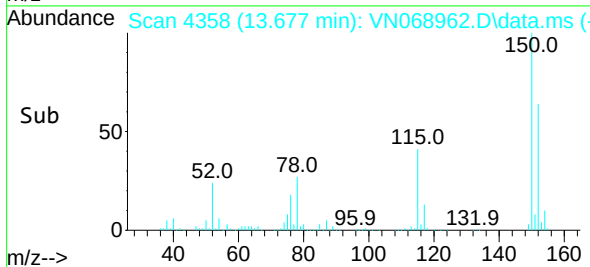
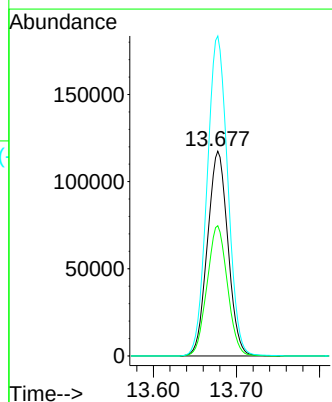
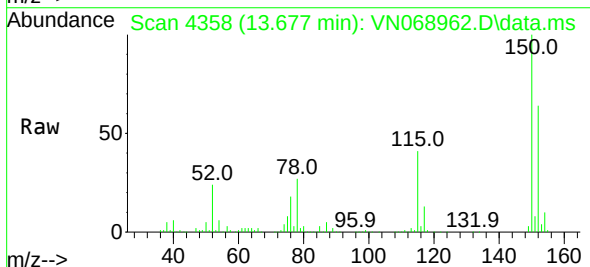
Instrument :
MSVOA_N
ClientSampled :

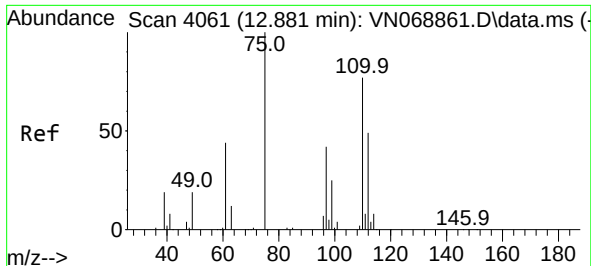
Tgt Ion:173 Resp: 1445
Ion Ratio Lower Upper
173 100
175 922.5 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Tgt Ion:152 Resp: 200919
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 157.5 0.0 351.0

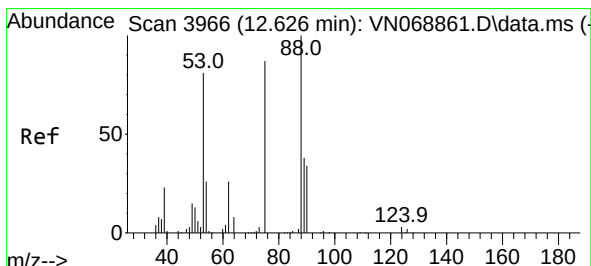
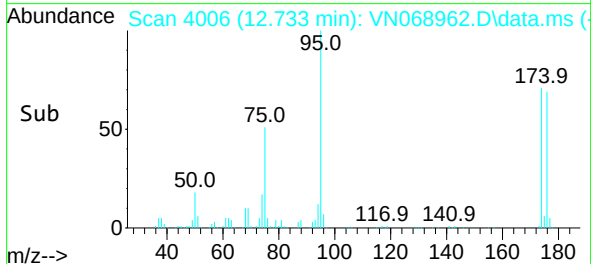
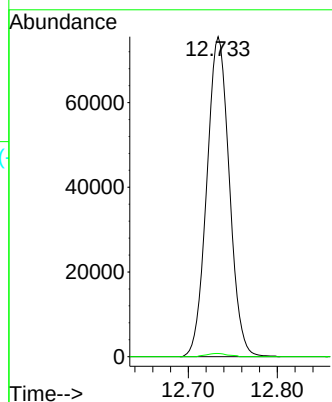
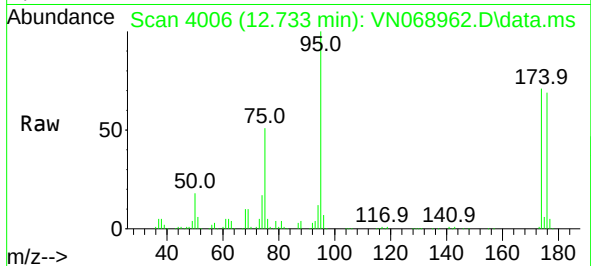




#76
1,2,3-Trichloropropane
Concen: 31.021 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

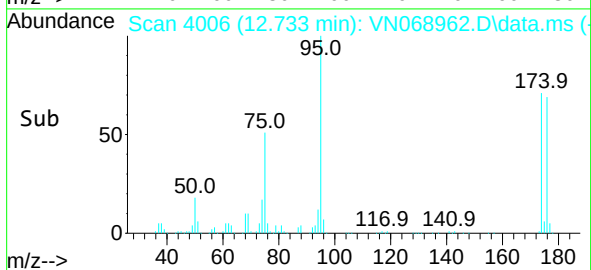
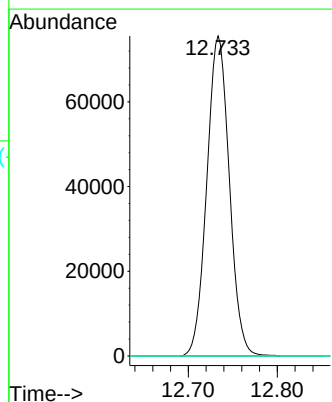
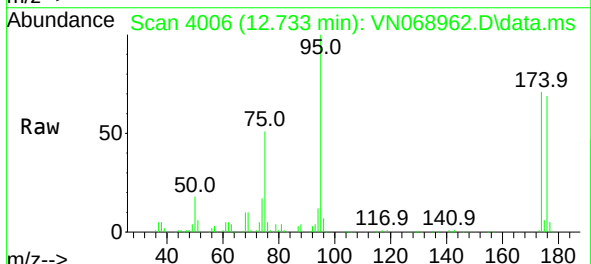
Instrument :
MSVOA_N
ClientSampled :

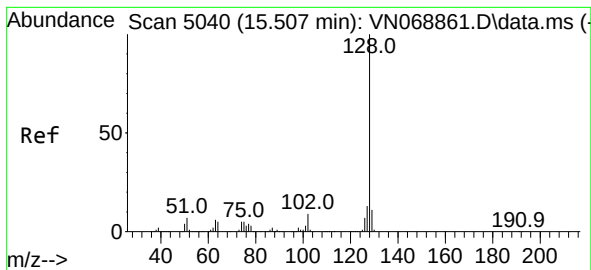
Tgt Ion: 75 Resp: 132613
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.215 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

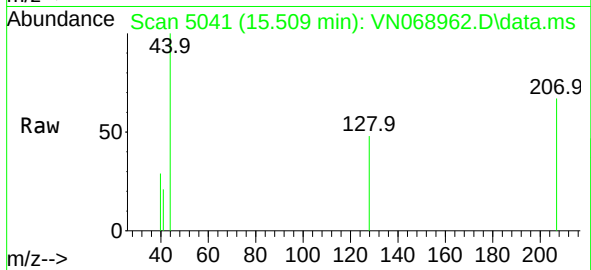
Tgt Ion: 75 Resp: 132613
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.861 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068962.D
Acq: 15 Oct 2021 20:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 501
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

