

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069080.D
 Acq On : 21 Oct 2021 11:33
 Operator : JC/MD
 Sample : VN1021WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 21 13:00:45 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)

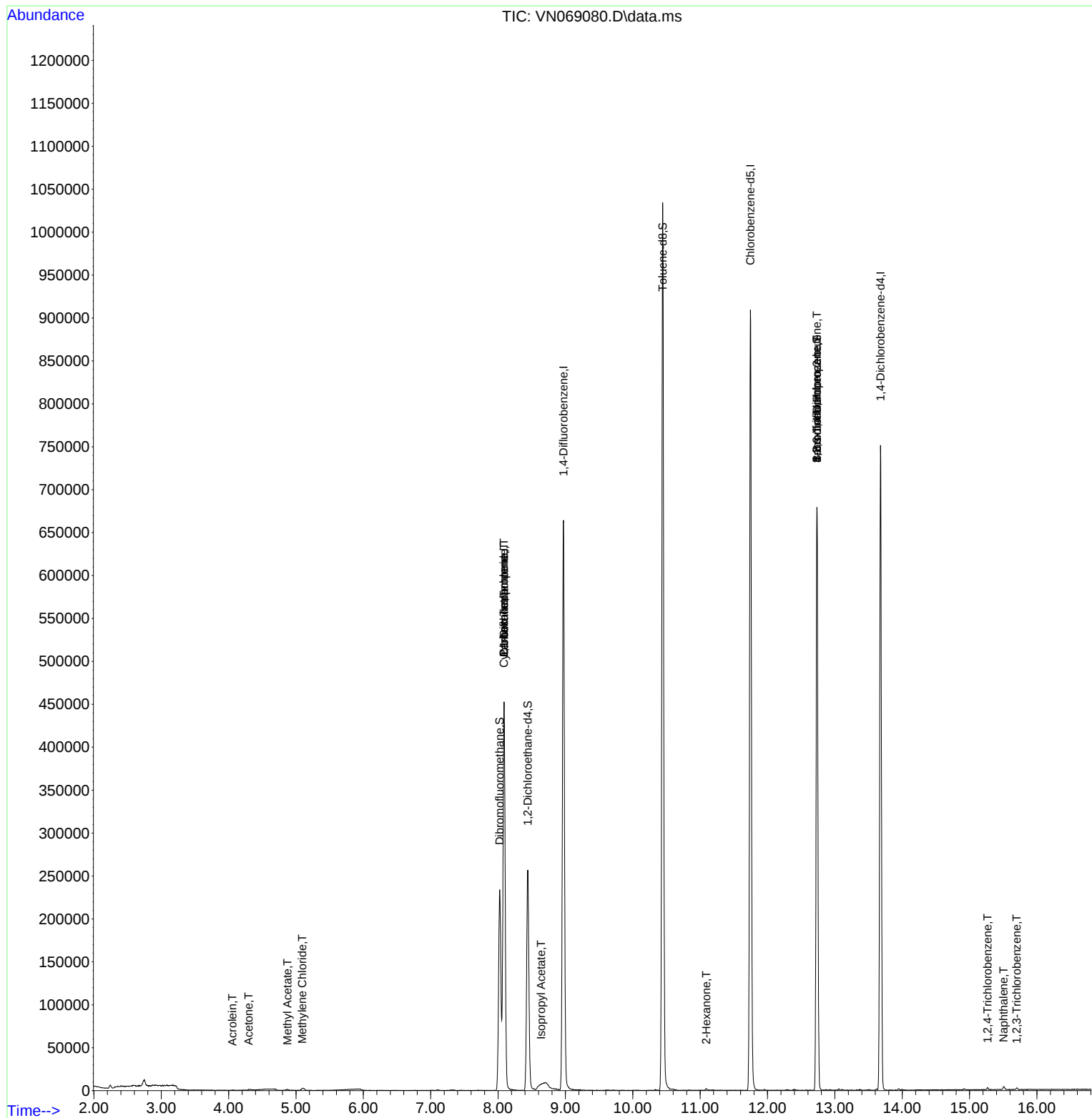
Internal Standards						
1) Pentafluorobenzene	8.088	168	336027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	593292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	550496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	198485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	220495	49.769	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.540%		
35) Dibromofluoromethane	8.024	113	175874	50.951	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.900%		
50) Toluene-d8	10.443	98	741406	53.681	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.360%		
62) 4-Bromofluorobenzene	12.734	95	251606	48.285	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.580%		
Target Compounds						
					Qvalue	
13) Acrolein	4.057	56	98	0.274	ug/l	95
16) Acetone	4.296	43	487	0.295	ug/l #	44
18) Methyl Acetate	4.873	43	2678	0.427	ug/l #	67
20) Methylene Chloride	5.093	84	935	0.246	ug/l #	82
31) Cyclohexane	8.086	56	8103	1.176	ug/l #	9
36) 1,1-Dichloropropene	8.088	75	28044	5.534	ug/l #	50
38) Carbon Tetrachloride	8.088	117	35480	6.375	ug/l #	15
43) Isopropyl Acetate	8.641	43	8942	0.968	ug/l #	55
59) 2-Hexanone	11.092	43	1915	0.499	ug/l	84
71) Bromoform	12.734	173	2167	0.663	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	131011	31.022	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	131011	74.218	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	1043	2.898	ug/l	83
95) Naphthalene	15.504	128	4547	4.268	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.700	180	1035	2.824	ug/l	88

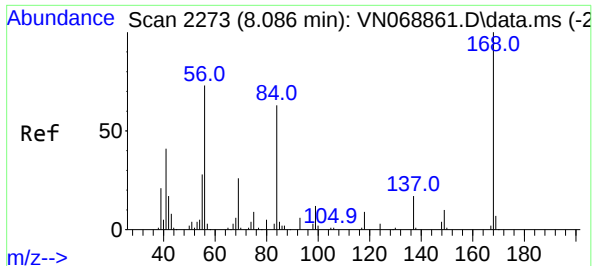
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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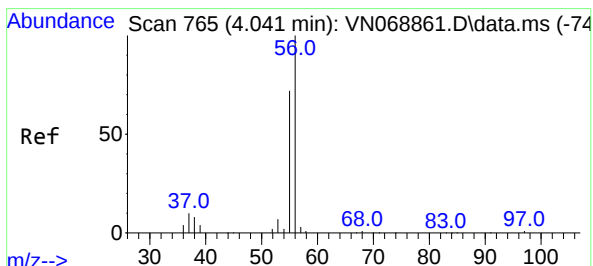
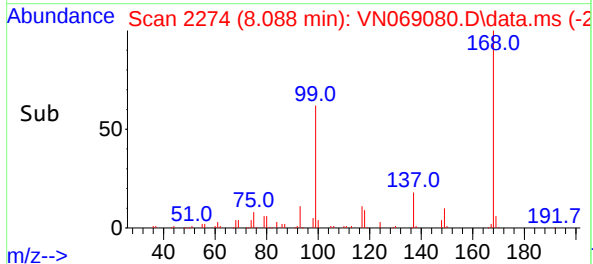
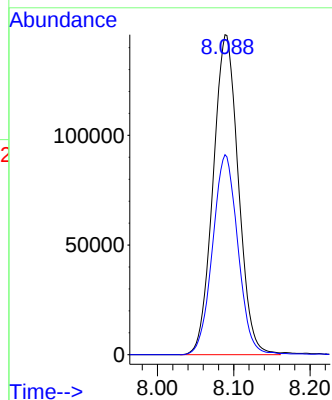
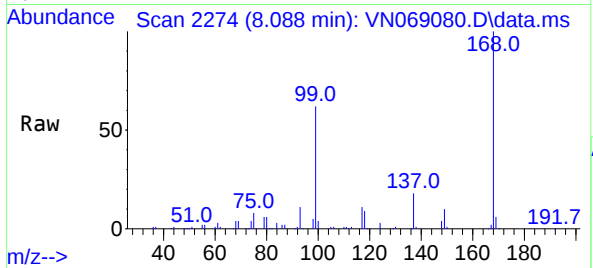




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

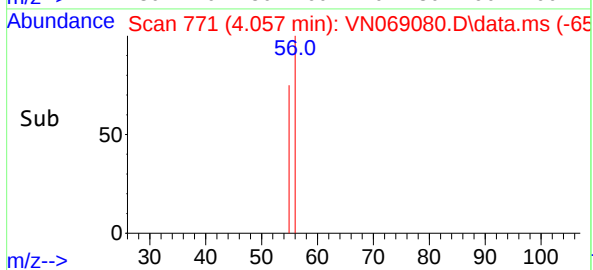
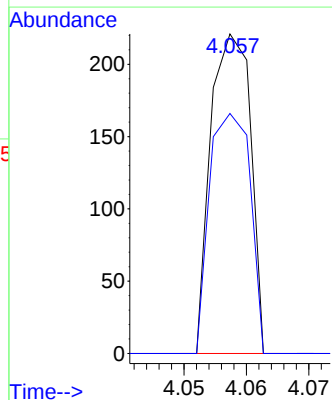
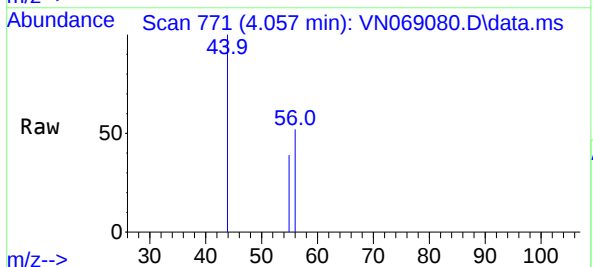
Instrument :
MSVOA_N
ClientSampled :

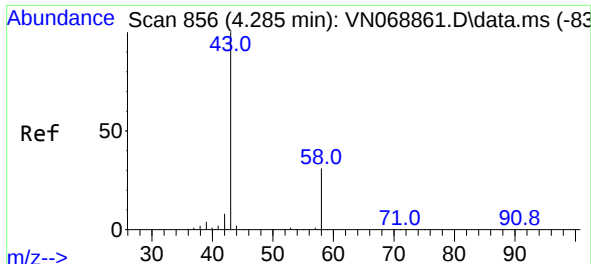
Tgt Ion:168 Resp: 336027
Ion Ratio Lower Upper
168 100
99 62.5 48.9 73.3



#13
Acrolein
Concen: 0.274 ug/l
RT: 4.057 min Scan# 771
Delta R.T. 0.016 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 76.5 58.1 87.1

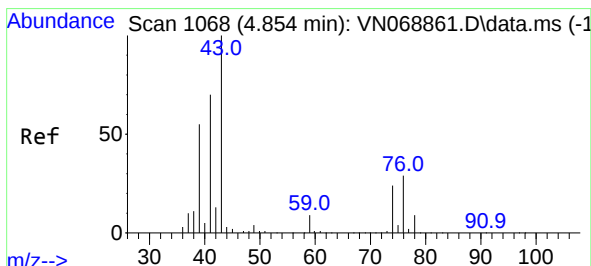
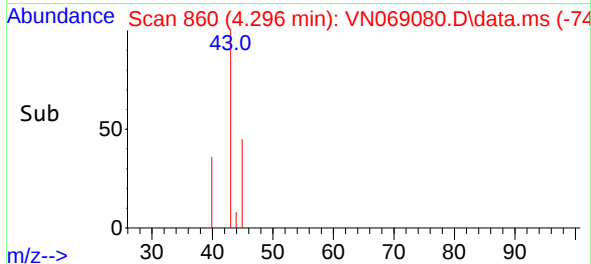
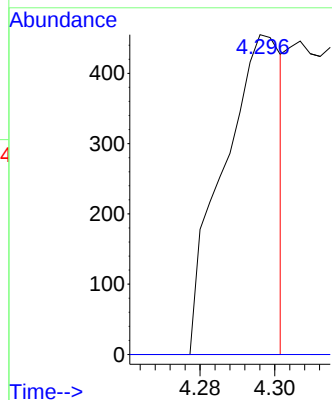
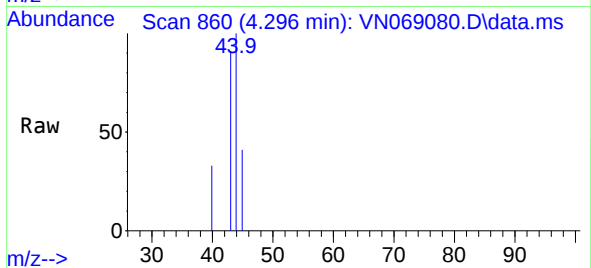




#16
Acetone
Concen: 0.295 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

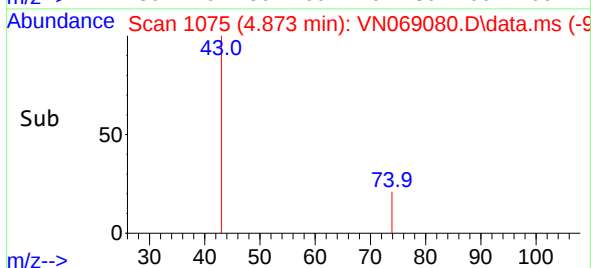
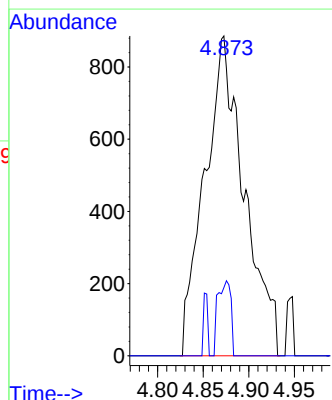
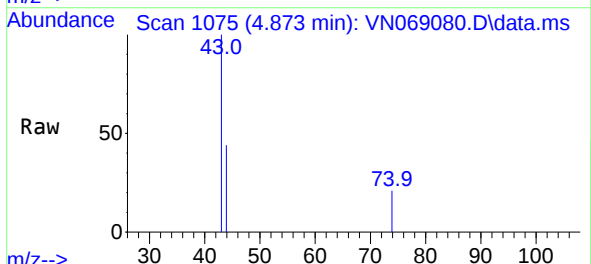
Instrument :
MSVOA_N
ClientSampled :

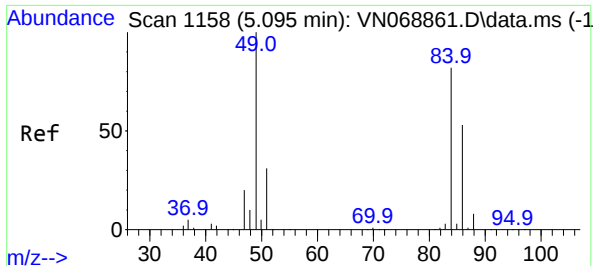
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#18
Methyl Acetate
Concen: 0.427 ug/l
RT: 4.873 min Scan# 1075
Delta R.T. 0.019 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

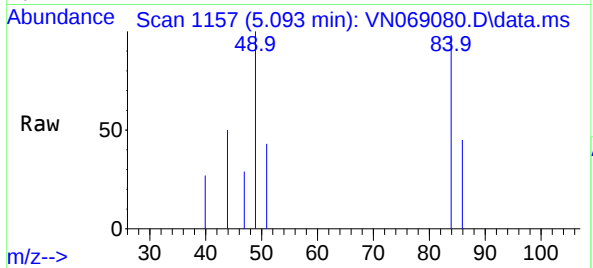
Tgt Ion: 43 Resp: 2678
Ion Ratio Lower Upper
43 100
74 7.6 18.9 28.3#





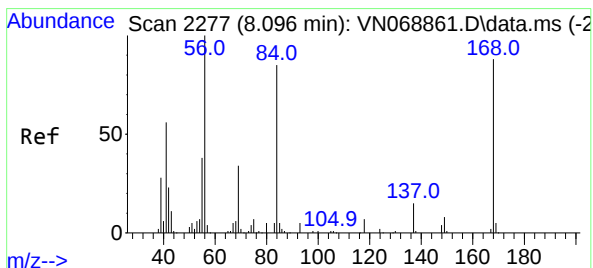
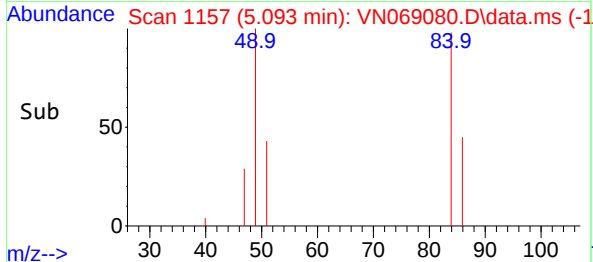
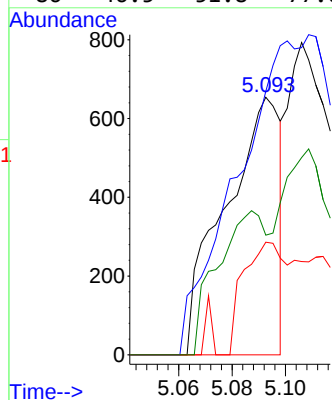
#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 935

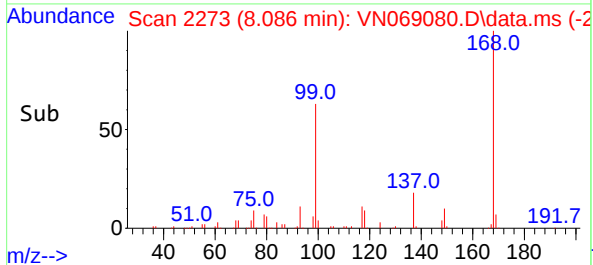
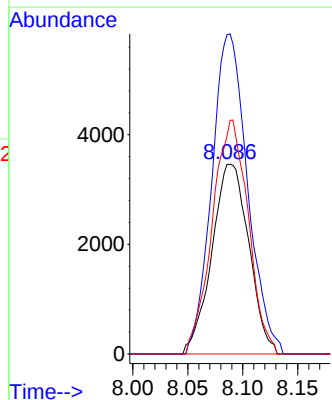
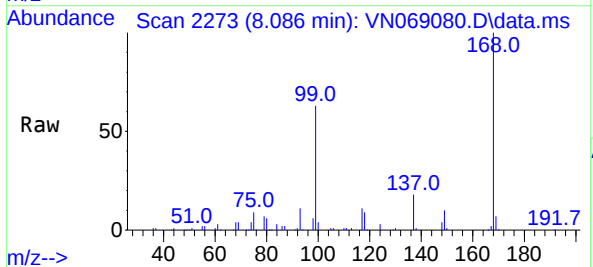
Ion	Ratio	Lower	Upper
84	100		
49	102.3	97.6	146.4
51	43.7	30.3	45.5
86	46.5	51.8	77.6#

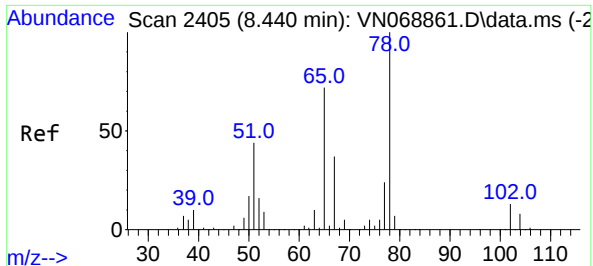


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

Tgt Ion: 56 Resp: 8103

Ion	Ratio	Lower	Upper
56	100		
69	168.4	26.9	40.3#
84	115.1	67.6	101.4#



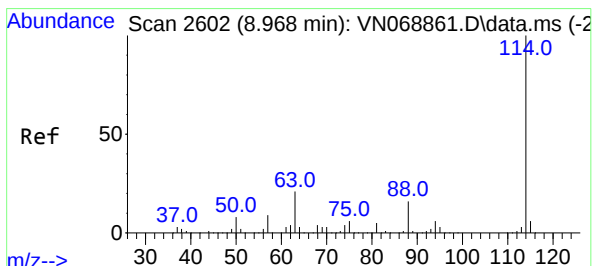
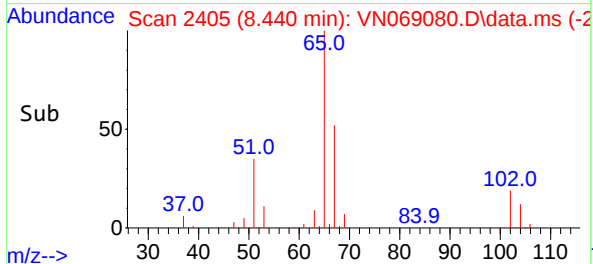
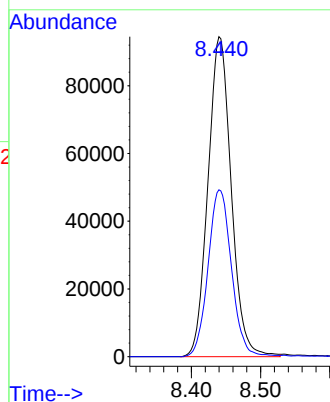
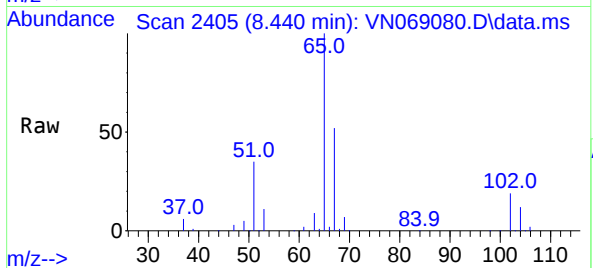


#33

1,2-Dichloroethane-d4
Concen: 49.769 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

Instrument :
MSVOA_N
ClientSampled :

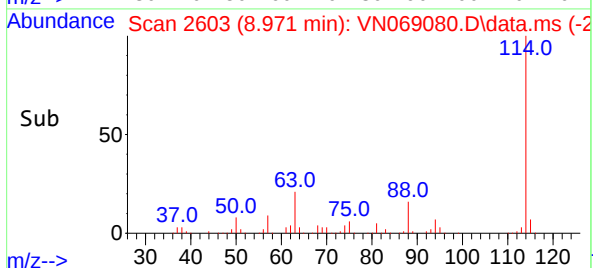
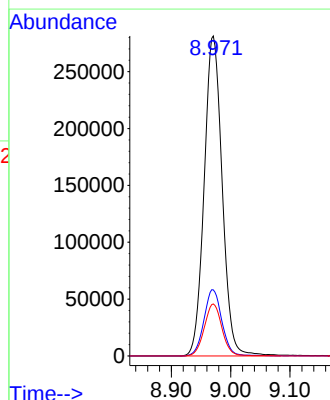
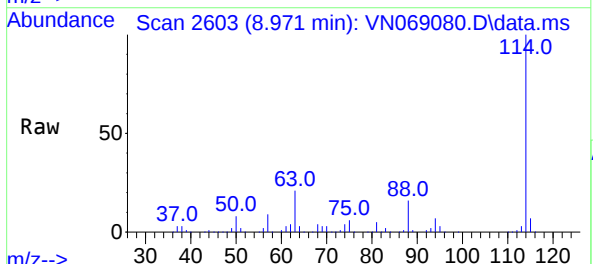
Tgt Ion: 65 Resp: 220495
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.8

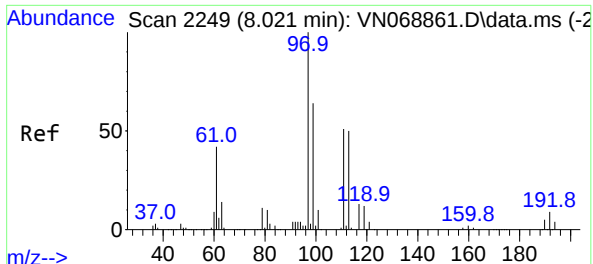


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

Tgt Ion: 114 Resp: 593292
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.2 0.0 32.0

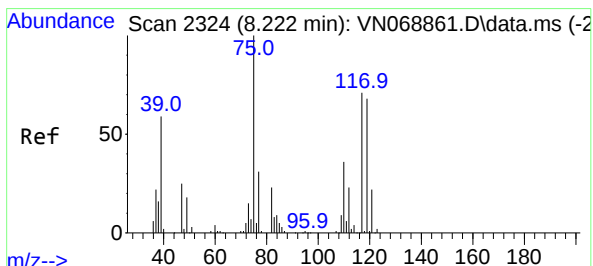
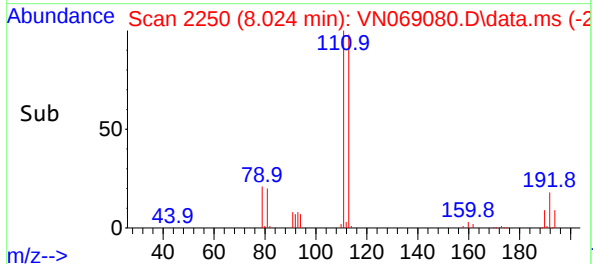
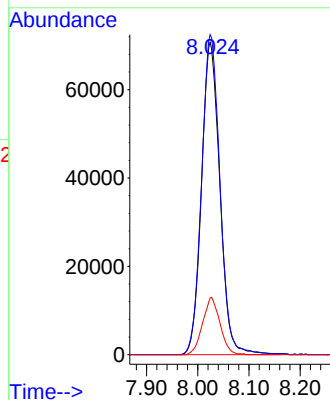
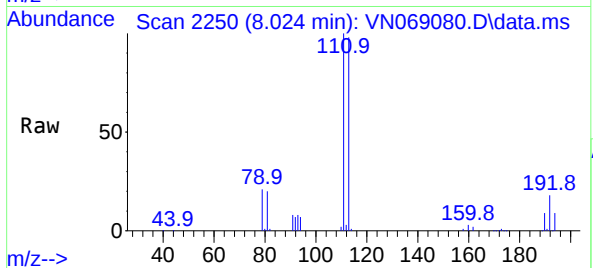




#35
Dibromofluoromethane
Concen: 50.951 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

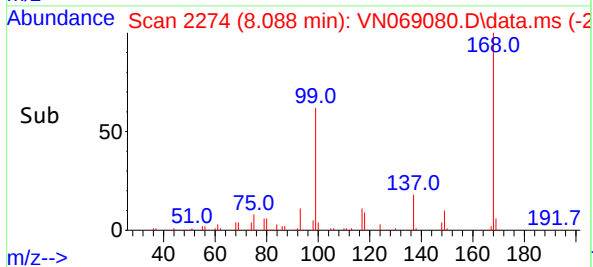
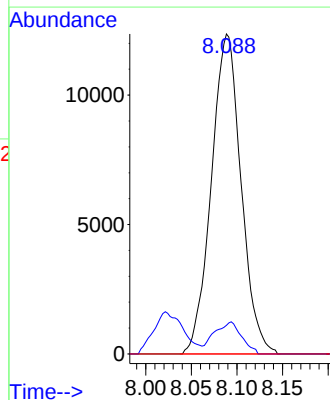
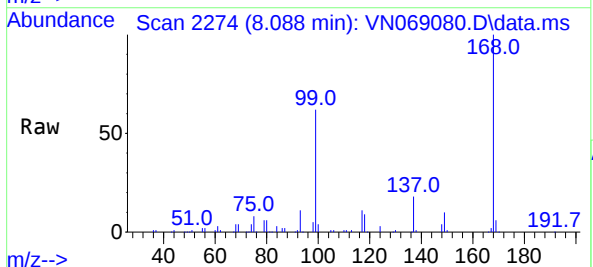
Instrument :
MSVOA_N
ClientSampled :

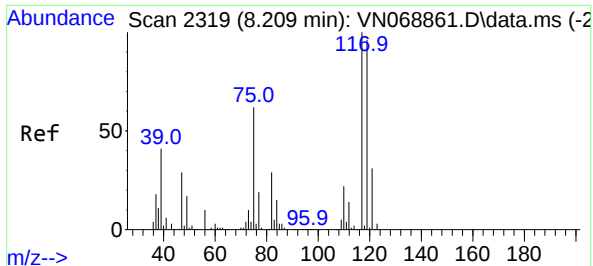
Tgt Ion:113 Resp: 175874
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 17.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.534 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

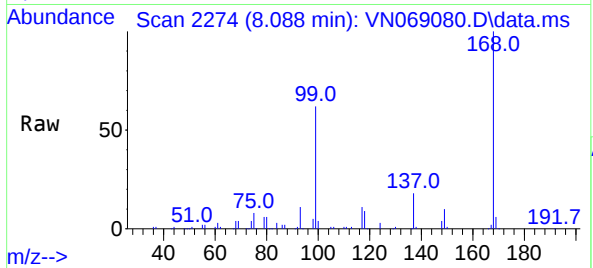
Tgt Ion: 75 Resp: 28044
Ion Ratio Lower Upper
75 100
110 9.3 17.9 53.8#
77 0.0 24.7 37.1#



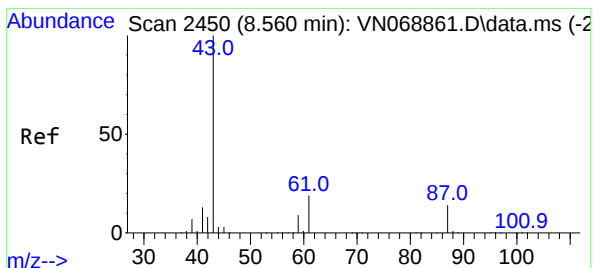
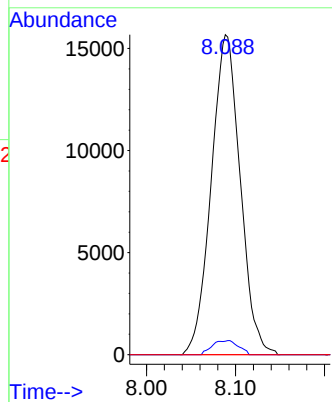
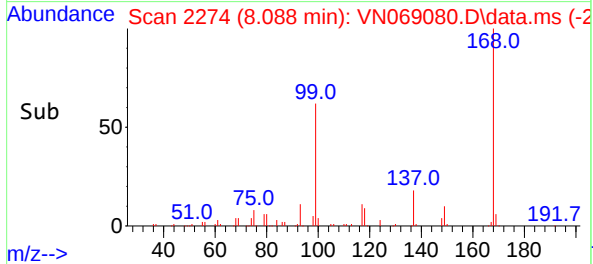


#38
Carbon Tetrachloride
Concen: 6.375 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

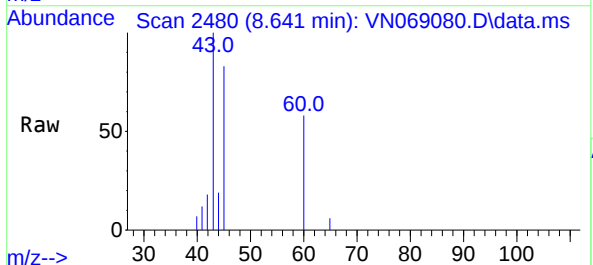
Instrument :
MSVOA_N
ClientSampled :



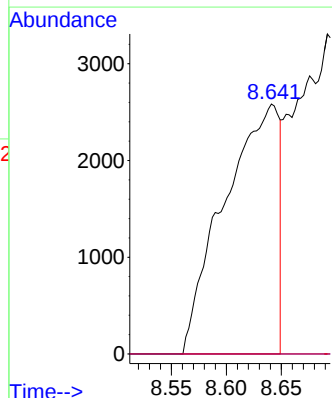
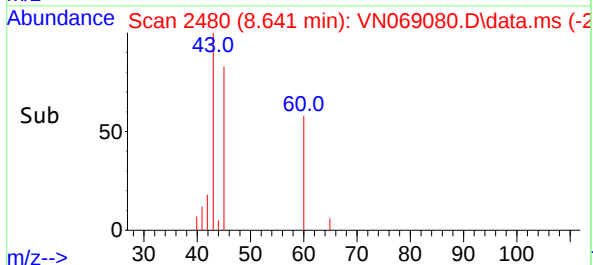
Tgt Ion:117 Resp: 35480
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#

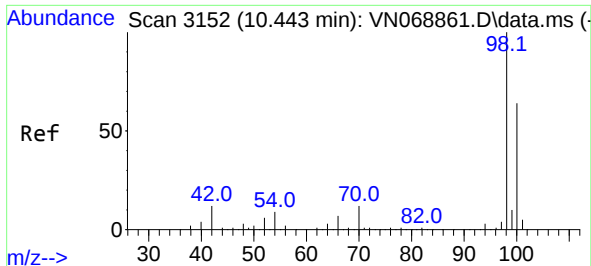


#43
Isopropyl Acetate
Concen: 0.968 ug/l
RT: 8.641 min Scan# 2480
Delta R.T. 0.081 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33



Tgt Ion: 43 Resp: 8942
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

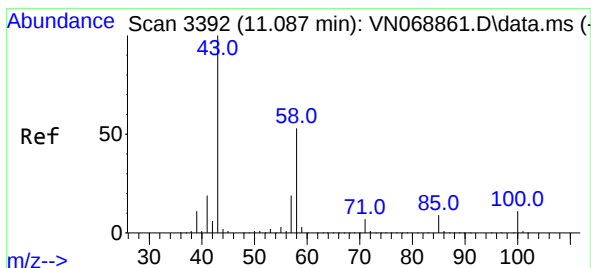
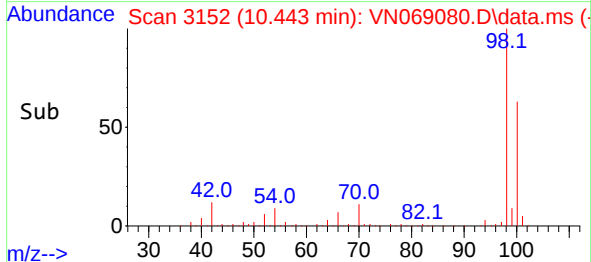
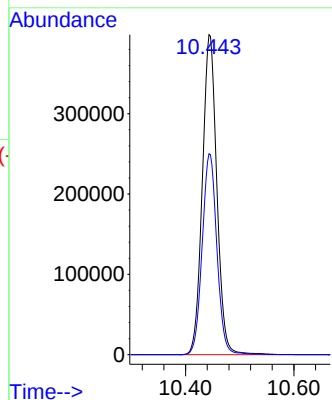
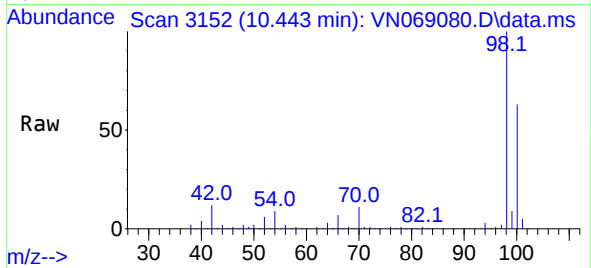




#50
Toluene-d8
Concen: 53.681 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

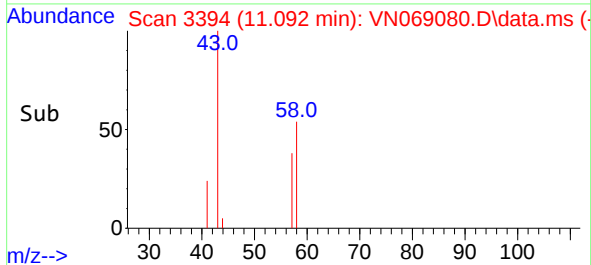
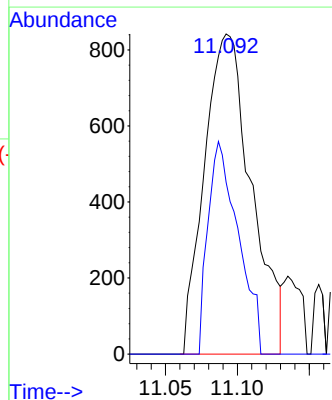
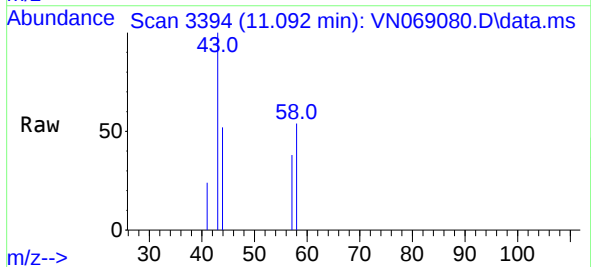
Instrument :
MSVOA_N
ClientSampled :

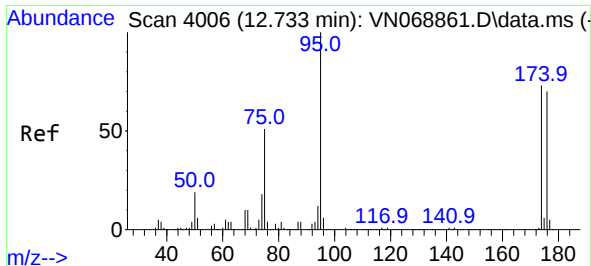
Tgt Ion: 98 Resp: 741406
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#59
2-Hexanone
Concen: 0.499 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
58 42.7 26.9 80.7

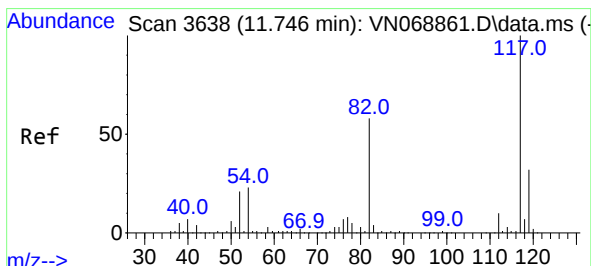
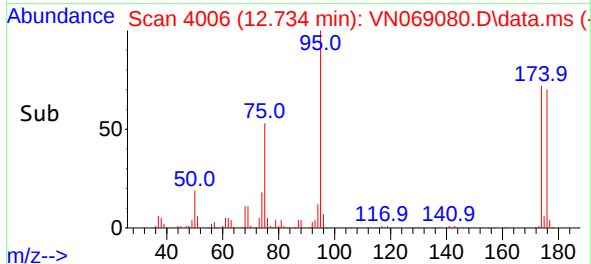
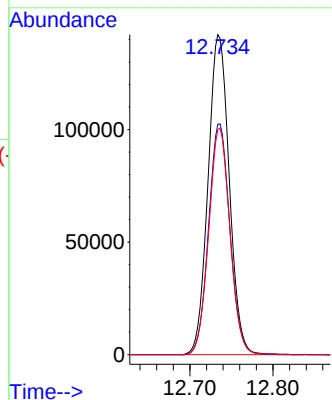
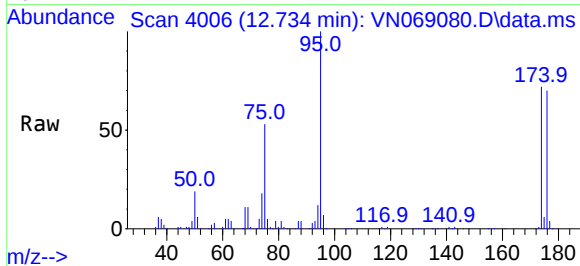




#62
4-Bromofluorobenzene
Concen: 48.285 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

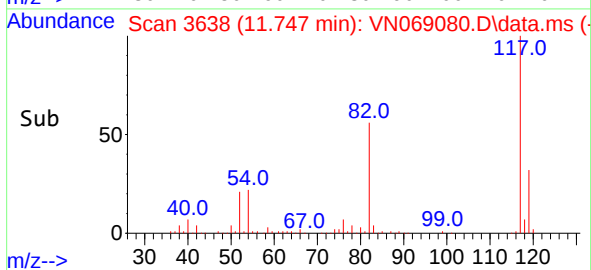
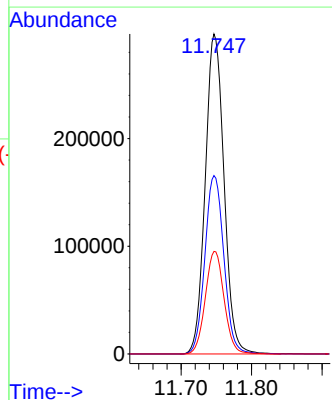
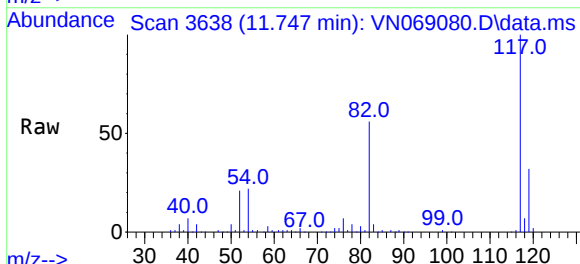
Instrument :
MSVOA_N
ClientSampled :

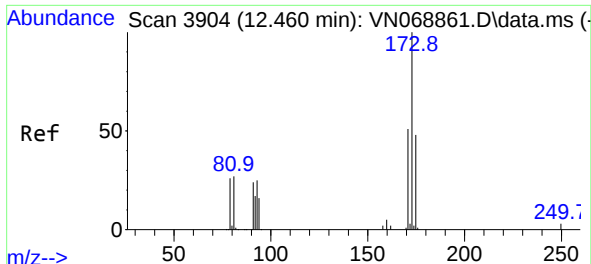
Tgt Ion: 95 Resp: 251606
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.8
176 70.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

Tgt Ion: 117 Resp: 550496
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 32.1 26.0 39.0

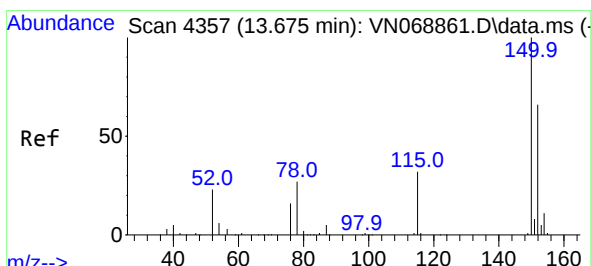
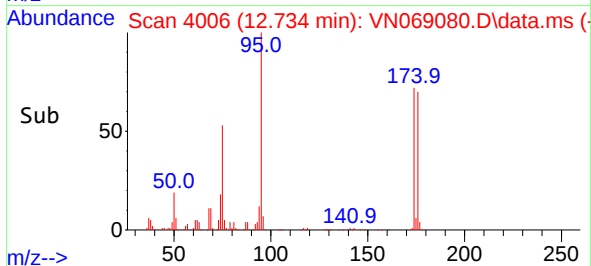
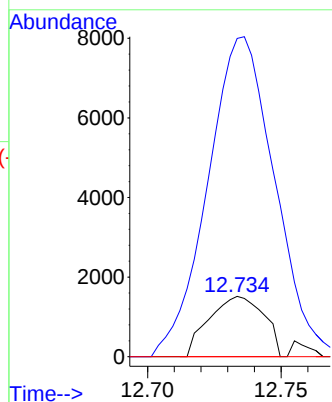
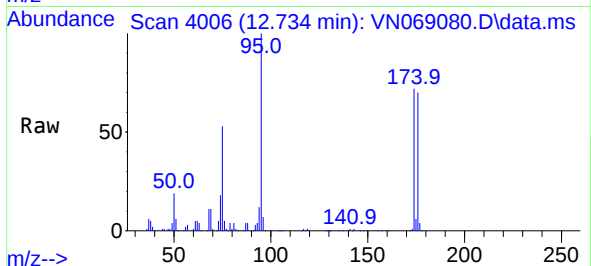




#71
Bromoform
Concen: 0.663 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

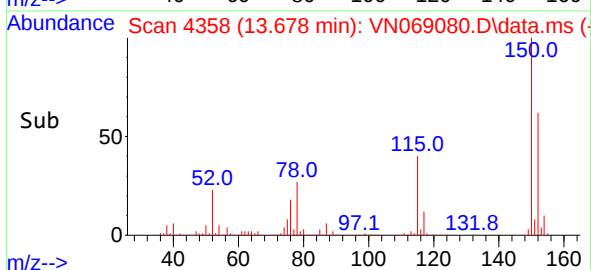
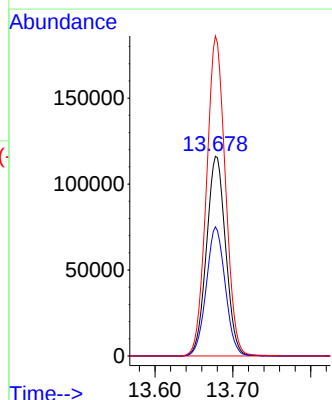
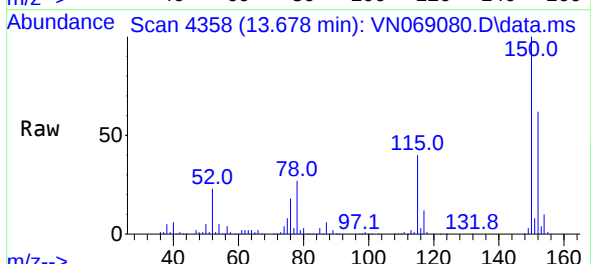
Instrument :
MSVOA_N
ClientSampled :

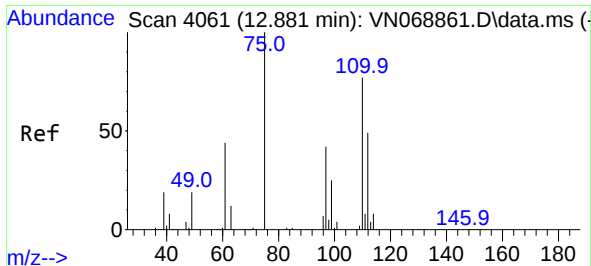
Tgt Ion:173 Resp: 2167
Ion Ratio Lower Upper
173 100
175 587.0 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

Tgt Ion:152 Resp: 198485
Ion Ratio Lower Upper
152 100
115 64.1 31.4 94.3
150 158.0 0.0 351.0

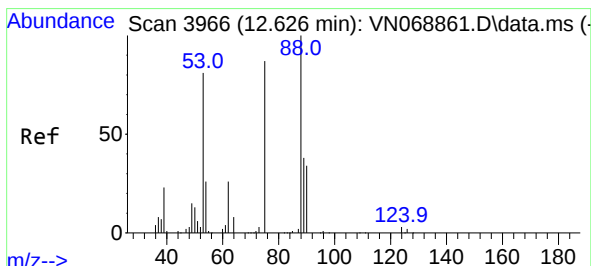
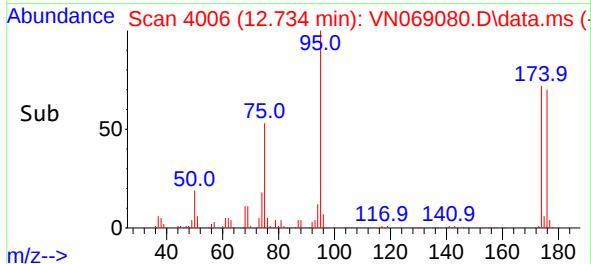
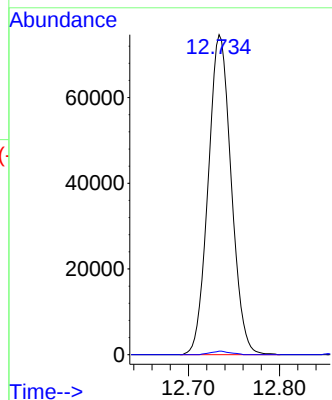
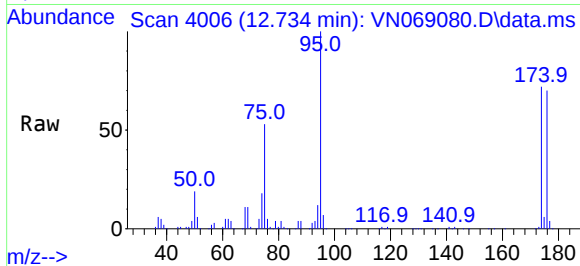




#76
1,2,3-Trichloropropane
Concen: 31.022 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

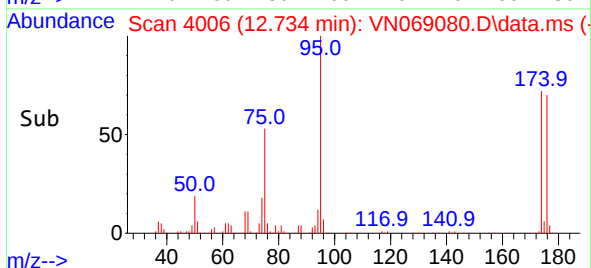
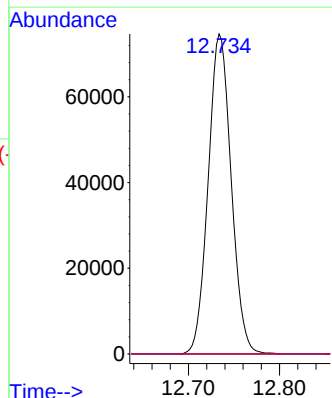
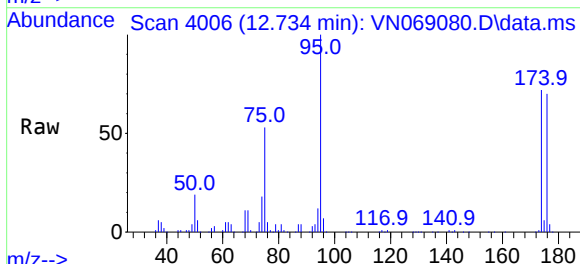
Instrument :
MSVOA_N
ClientSampleId :

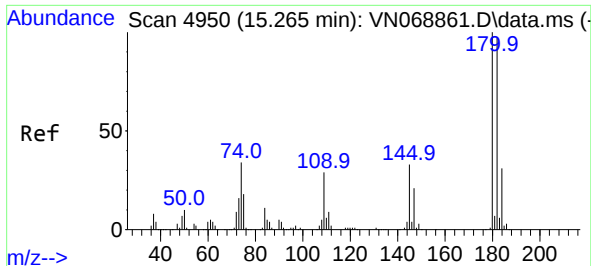
Tgt Ion: 75 Resp: 131011
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.218 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

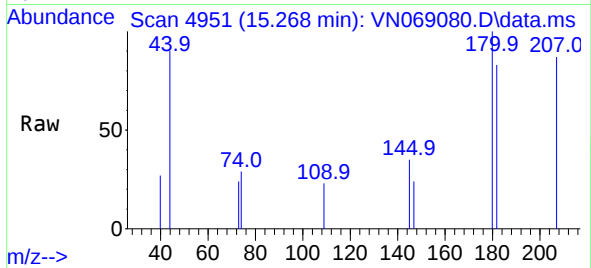
Tgt Ion: 75 Resp: 131011
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



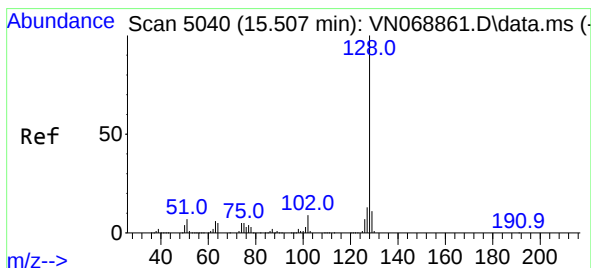
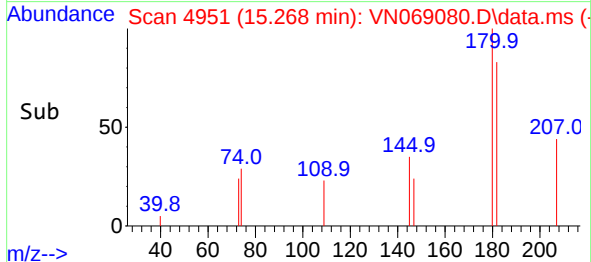
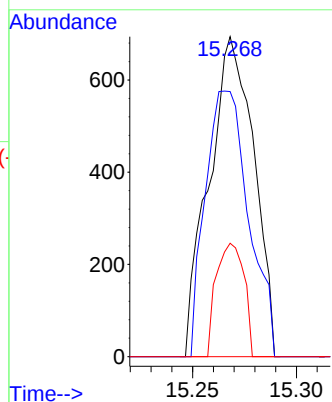


#93
1,2,4-Trichlorobenzene
Concen: 2.898 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

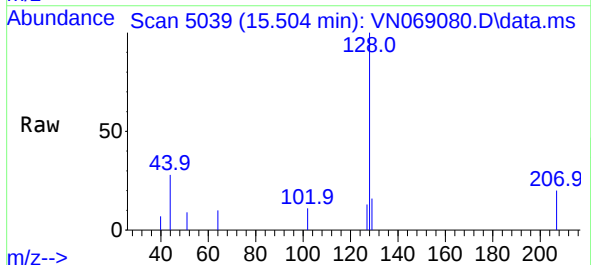
Instrument :
MSVOA_N
ClientSampled :



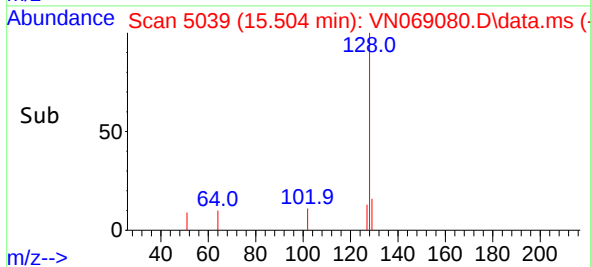
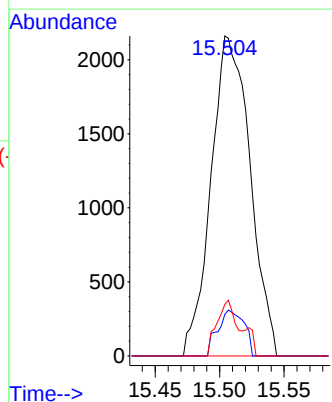
Tgt Ion:180 Resp: 1043
Ion Ratio Lower Upper
180 100
182 80.3 47.9 143.7
145 21.9 16.4 49.2

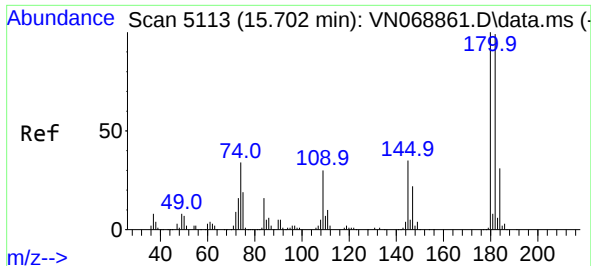


#95
Naphthalene
Concen: 4.268 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33



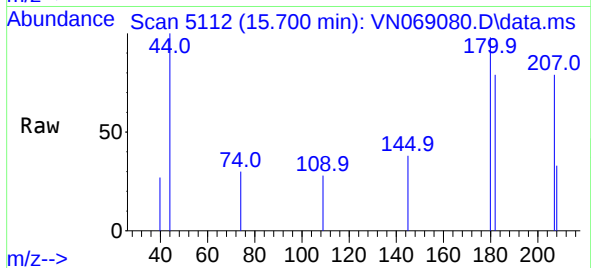
Tgt Ion:128 Resp: 4547
Ion Ratio Lower Upper
128 100
127 9.7 10.5 15.7#
129 8.7 8.9 13.3#





#96
1,2,3-Trichlorobenzene
Concen: 2.824 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069080.D
Acq: 21 Oct 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	180	Resp:	1035
Ion	Ratio	Lower	Upper
180	100		
182	102.3	48.1	144.3
145	18.2	17.4	52.2

