

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068917.D
 Acq On : 14 Oct 2021 11:50
 Operator : JC/MD
 Sample : VN1014MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 14 22:42:34 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)

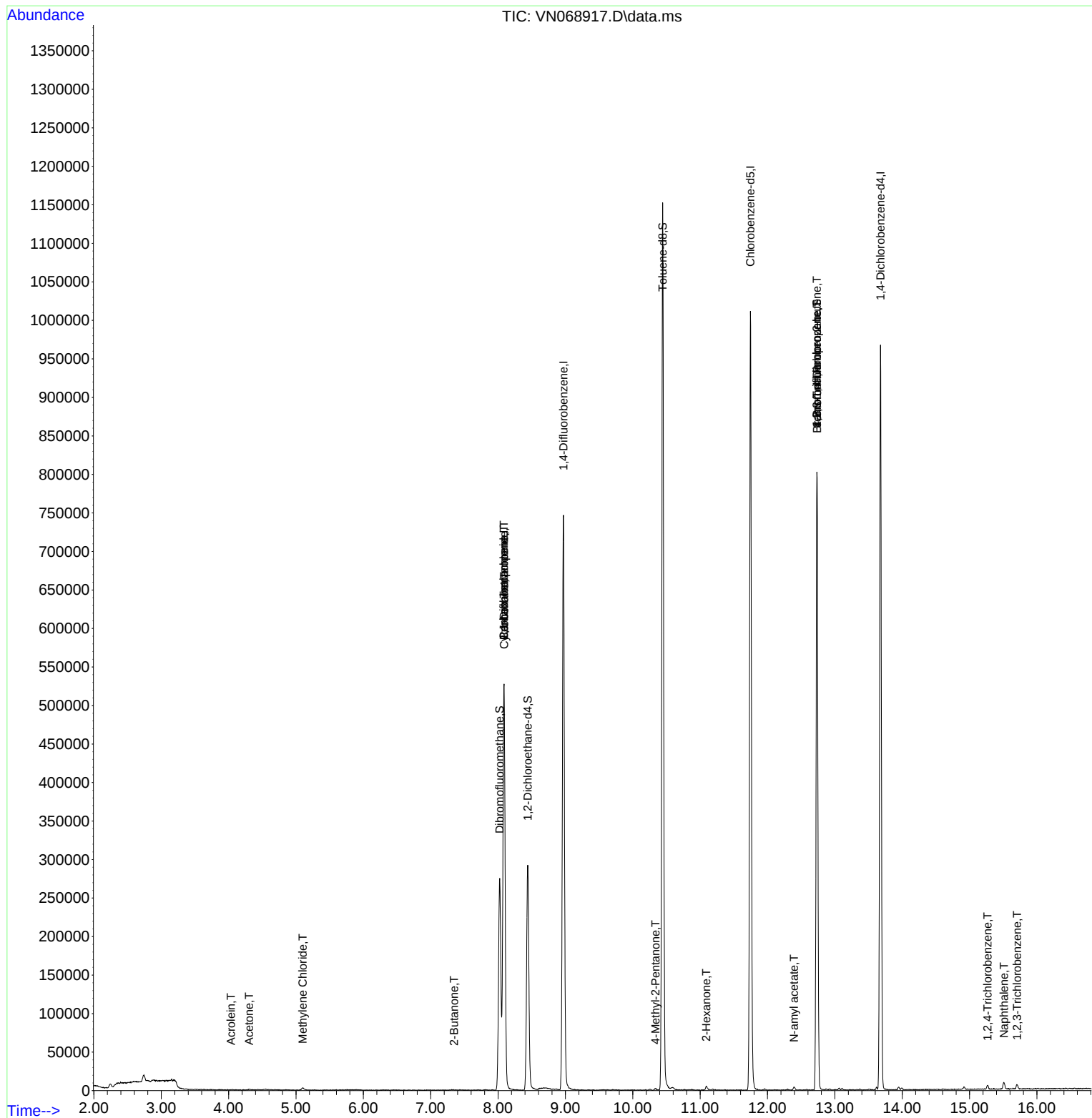
Internal Standards						
1) Pentafluorobenzene	8.088	168	417451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	684141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	622630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	266345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	246595	44.803	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.600%		
35) Dibromofluoromethane	8.024	113	205737	51.688	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.380%		
50) Toluene-d8	10.443	98	829315	52.072	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.140%		
62) 4-Bromofluorobenzene	12.733	95	293314	48.814	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.620%		
Target Compounds					Qvalue	
13) Acrolein	4.033	56	108	0.243	ug/l #	1
16) Acetone	4.301	43	593	0.289	ug/l	89
20) Methylene Chloride	5.098	84	1508	0.319	ug/l #	83
25) 2-Butanone	7.348	43	675	0.217	ug/l #	48
31) Cyclohexane	8.091	56	9038	1.056	ug/l #	6
36) 1,1-Dichloropropene	8.088	75	31176	5.335	ug/l #	50
38) Carbon Tetrachloride	8.088	117	41512	6.468	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	2371	0.384	ug/l #	63
59) 2-Hexanone	11.092	43	4444	1.004	ug/l	86
71) Bromoform	12.736	173	1007	0.273	ug/l #	1
74) N-amyl acetate	12.393	43	3137	0.373	ug/l #	79
76) 1,2,3-Trichloropropane	12.733	75	148552	26.213	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	148552	62.714	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	2235	3.075	ug/l	90
95) Naphthalene	15.512	128	9601	4.529	ug/l	96
96) 1,2,3-Trichlorobenzene	15.705	180	2703	3.117	ug/l	93

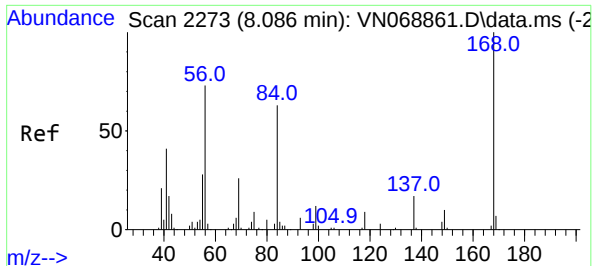
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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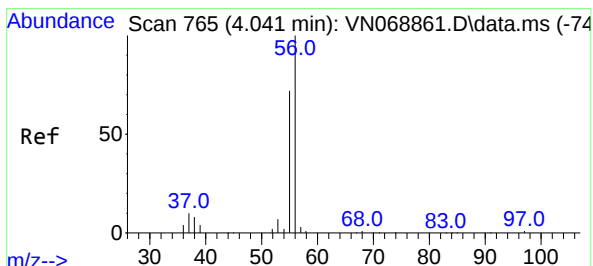
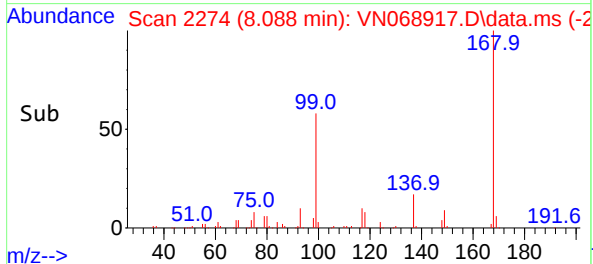
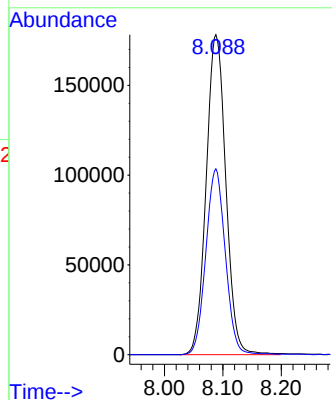
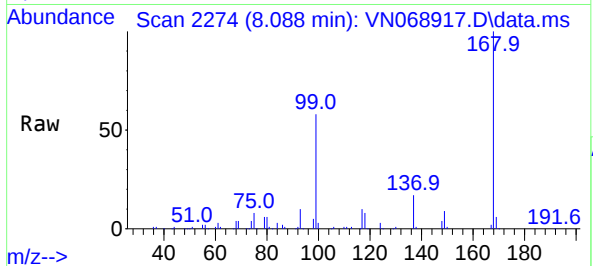




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

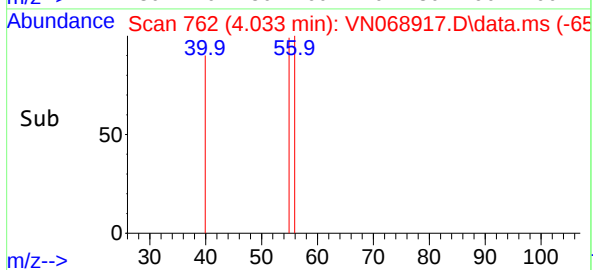
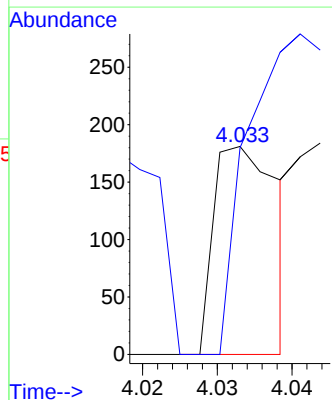
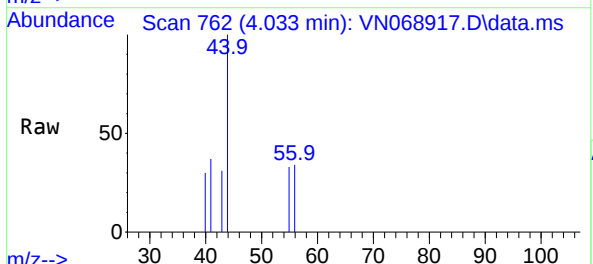
Instrument :
MSVOA_N
ClientSampled :

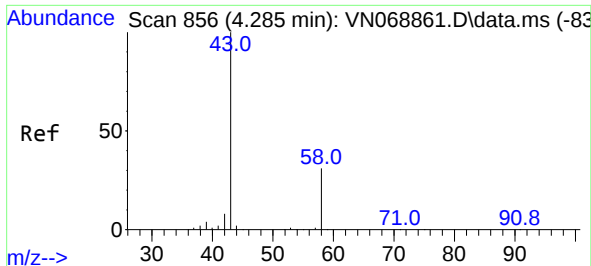
Tgt Ion:168 Resp: 417451
Ion Ratio Lower Upper
168 100
99 58.1 48.9 73.3



#13
Acrolein
Concen: 0.243 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.008 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 346.3 58.1 87.1#

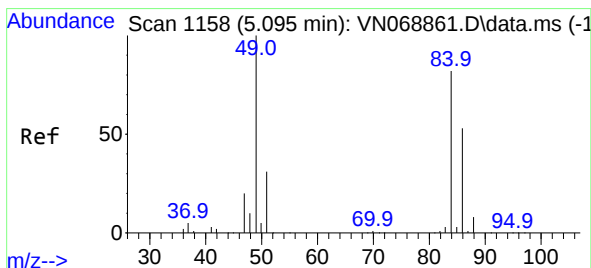
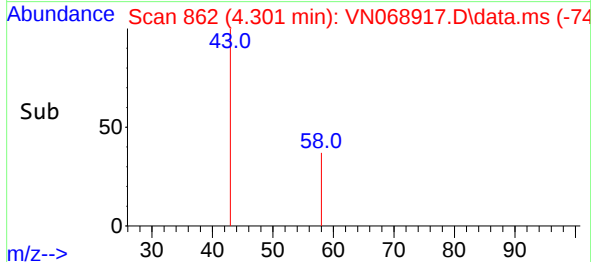
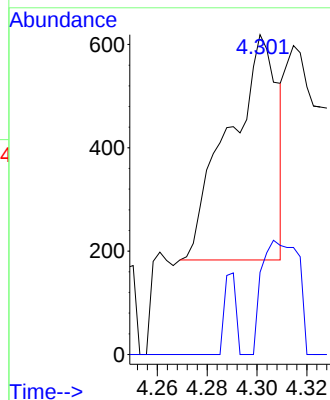
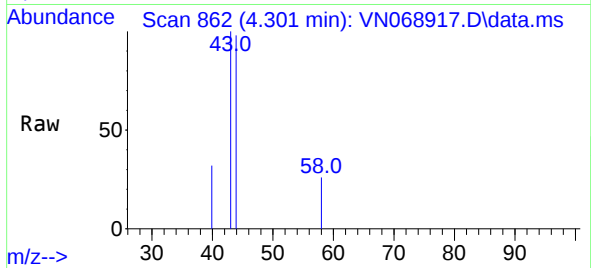




#16
Acetone
Concen: 0.289 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

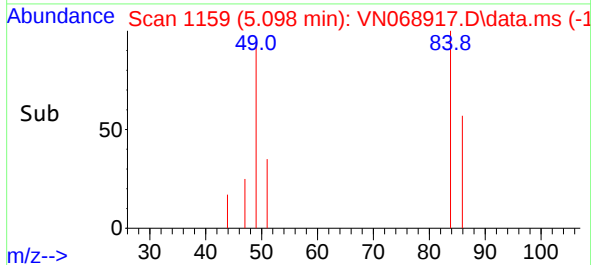
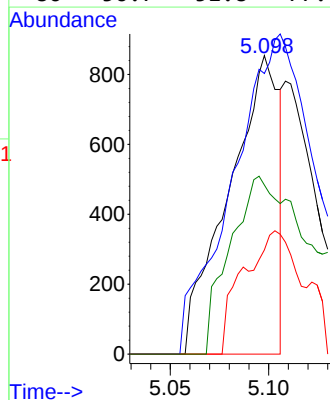
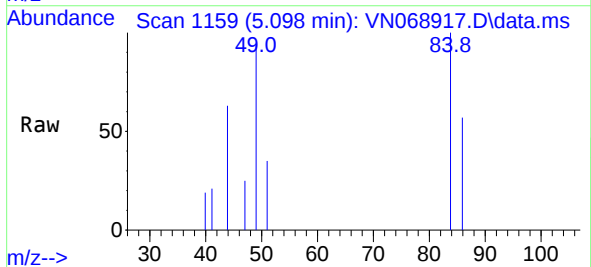
Instrument :
MSVOA_N
ClientSampled :

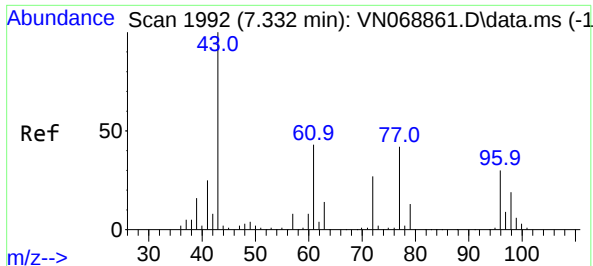
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 36.5 24.5 36.7



#20
Methylene Chloride
Concen: 0.319 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion: 84 Resp: 1508
Ion Ratio Lower Upper
84 100
49 94.0 97.6 146.4#
51 34.9 30.3 45.5
86 56.7 51.8 77.6

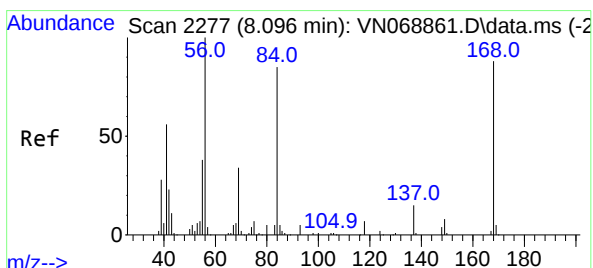
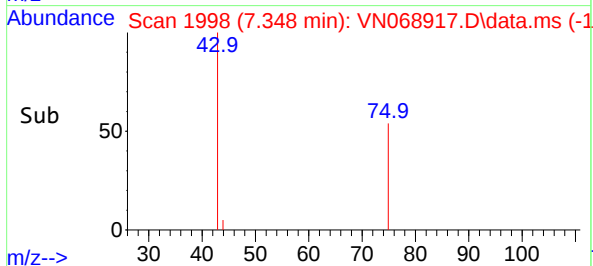
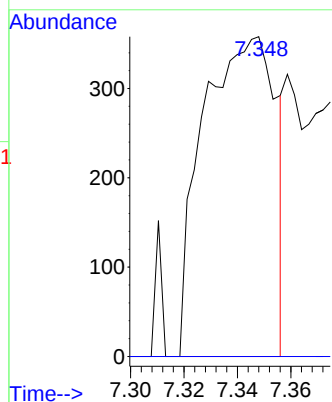
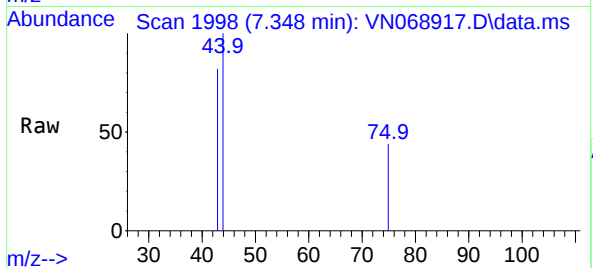




#25
2-Butanone
Concen: 0.217 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.016 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

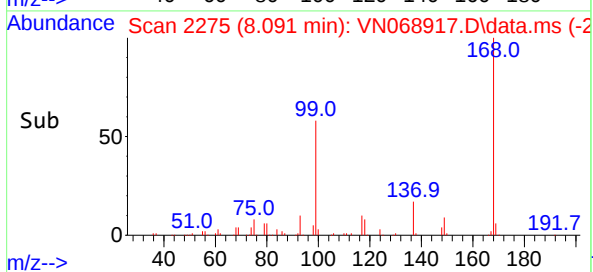
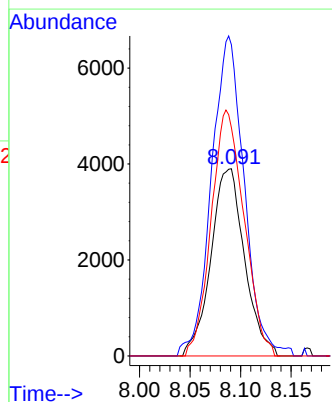
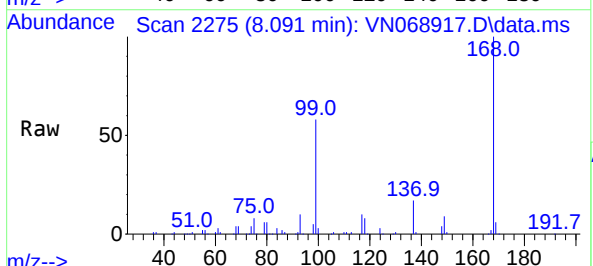
Instrument :
MSVOA_N
ClientSampled :

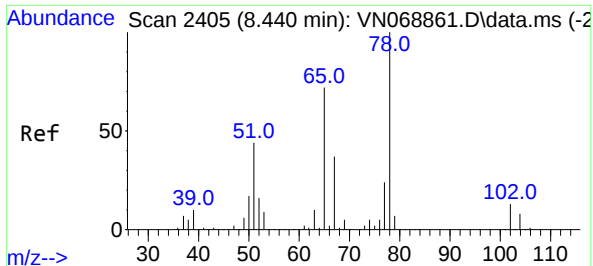
Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.056 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion: 56 Resp: 9038
Ion Ratio Lower Upper
56 100
69 161.8 26.9 40.3#
84 122.1 67.6 101.4#

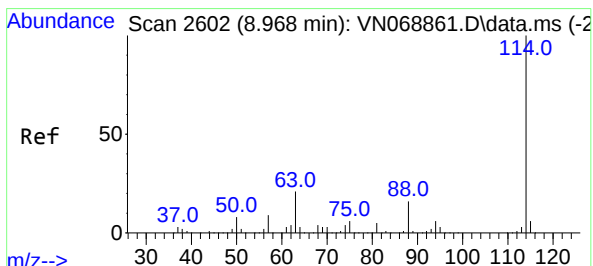
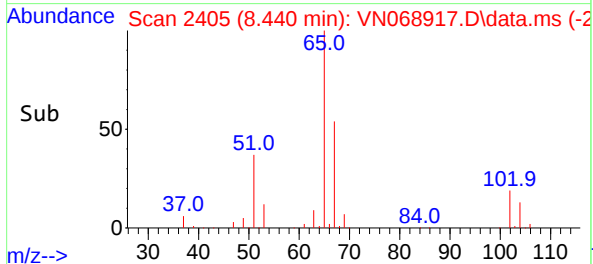
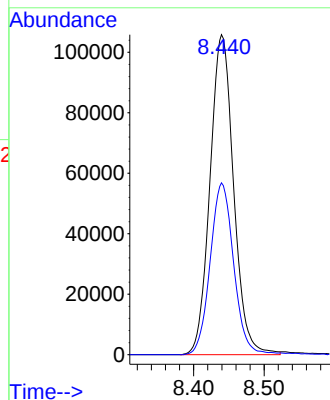
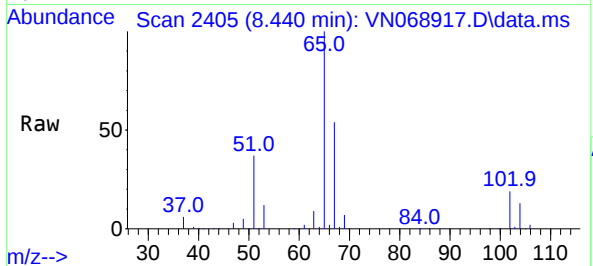




#33
1,2-Dichloroethane-d4
Concen: 44.803 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

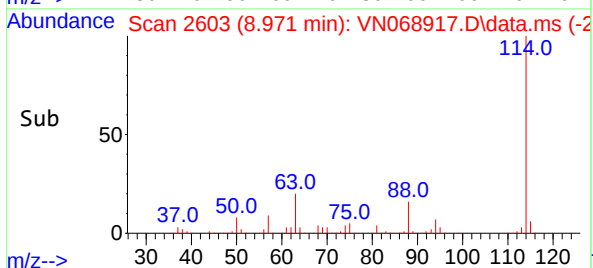
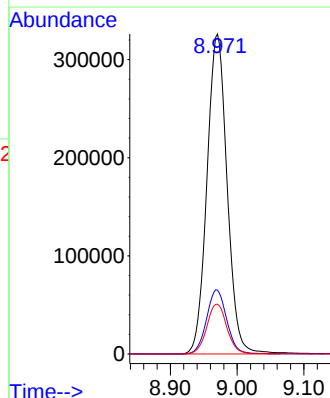
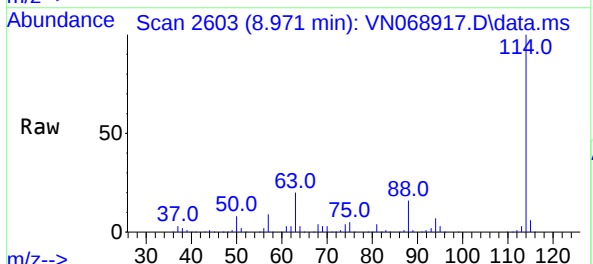
Instrument :
MSVOA_N
ClientSampled :

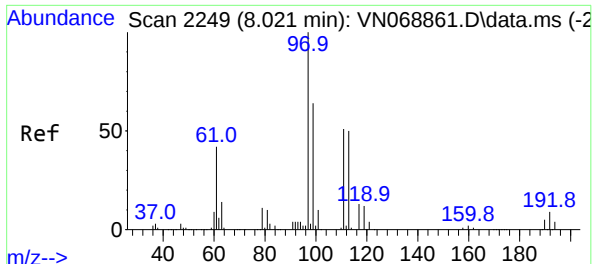
Tgt Ion: 65 Resp: 246595
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion: 114 Resp: 684141
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 15.5 0.0 32.0

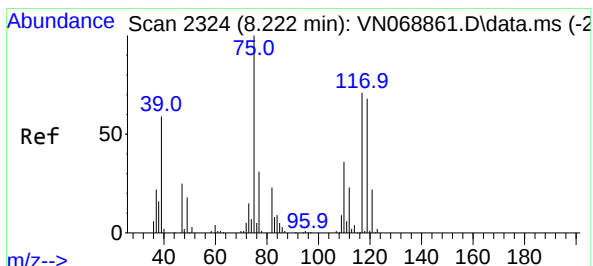
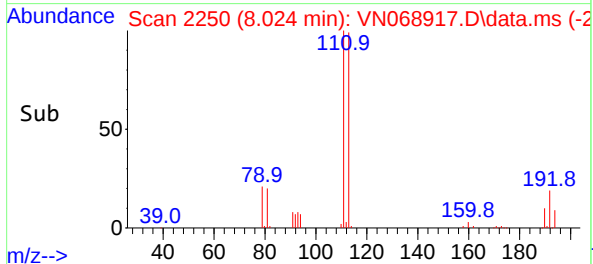
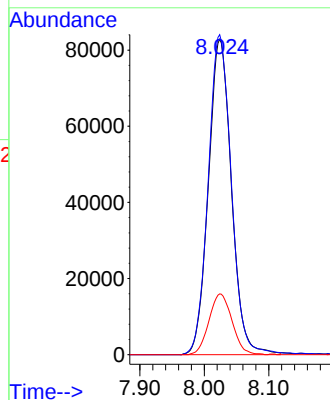
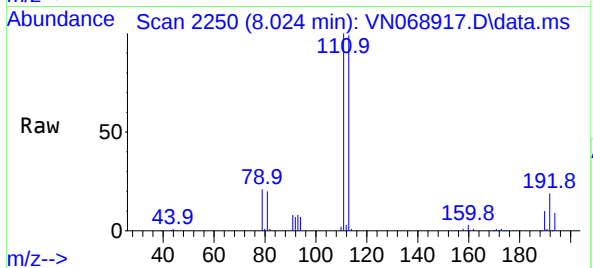




#35
Dibromofluoromethane
Concen: 51.688 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

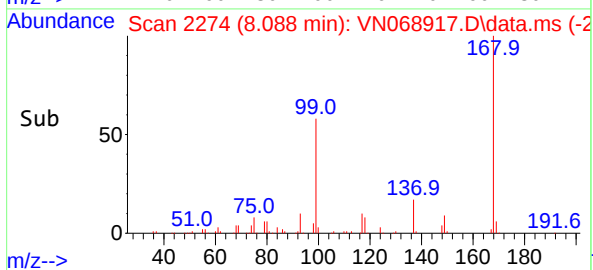
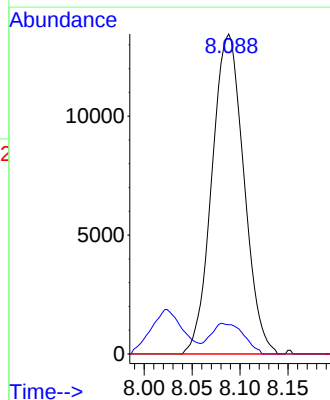
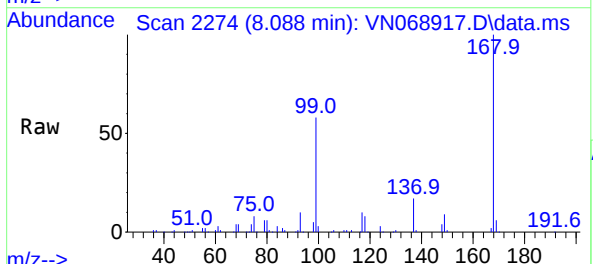
Instrument :
MSVOA_N
ClientSampled :

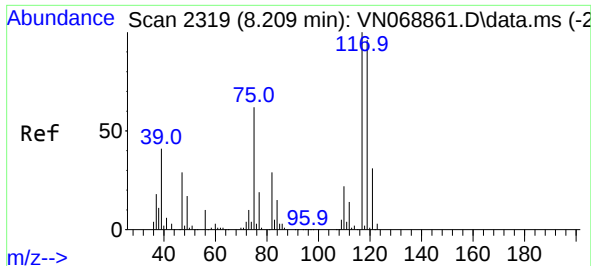
Tgt Ion:113 Resp: 205737
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 19.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.335 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

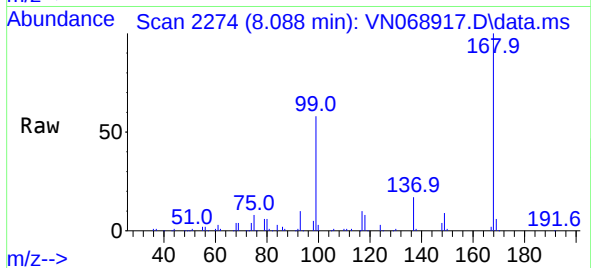
Tgt Ion: 75 Resp: 31176
Ion Ratio Lower Upper
75 100
110 9.9 17.9 53.8#
77 0.0 24.7 37.1#



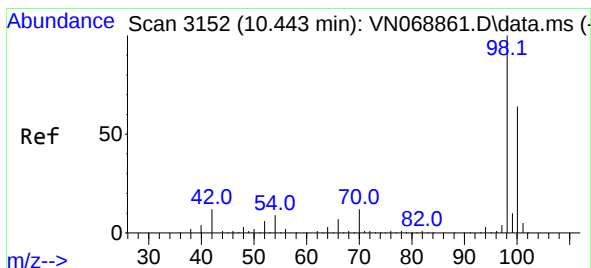
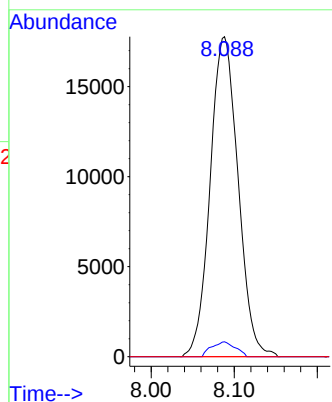
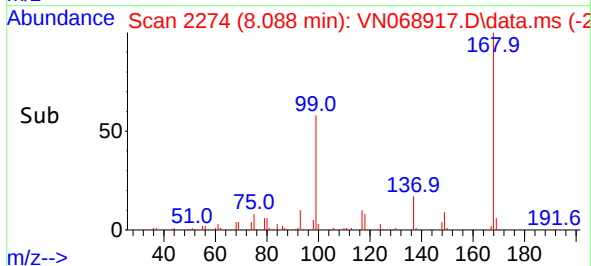


#38
Carbon Tetrachloride
Concen: 6.468 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

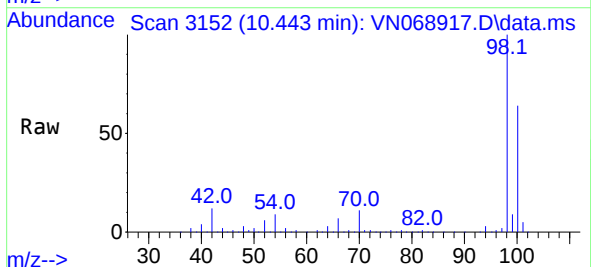
Instrument :
MSVOA_N
ClientSampled :



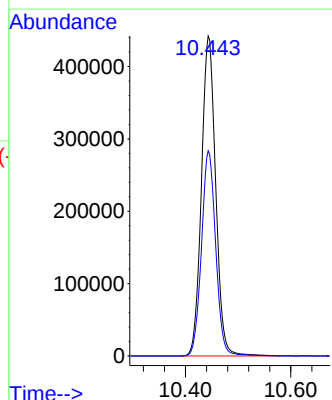
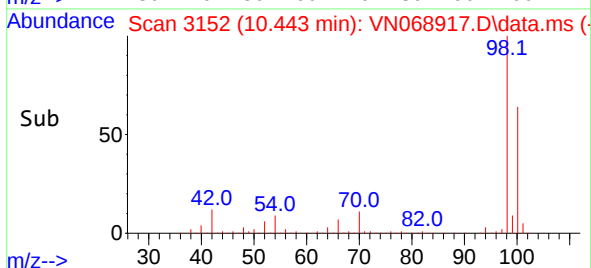
Tgt Ion:117 Resp: 41512
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.6 37.0#

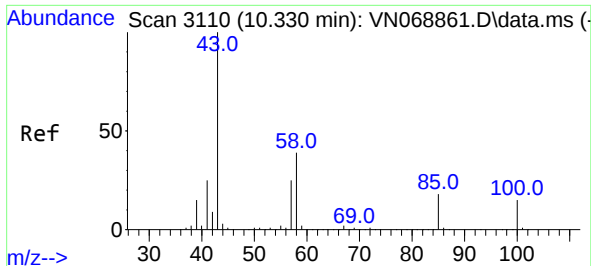


#50
Toluene-d8
Concen: 52.072 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50



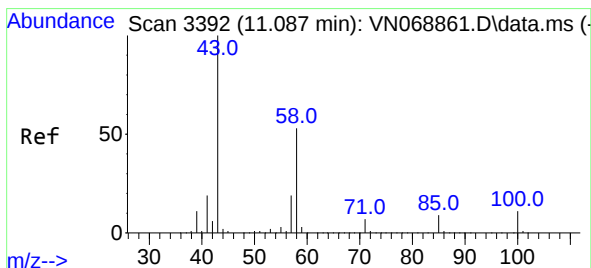
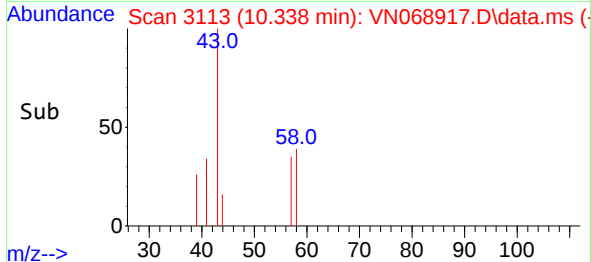
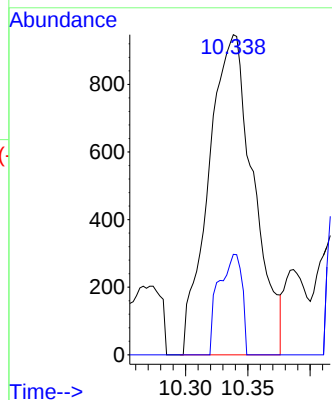
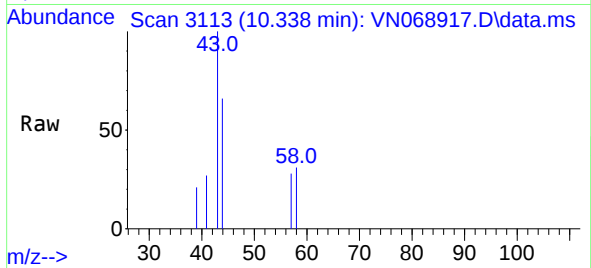
Tgt Ion: 98 Resp: 829315
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3





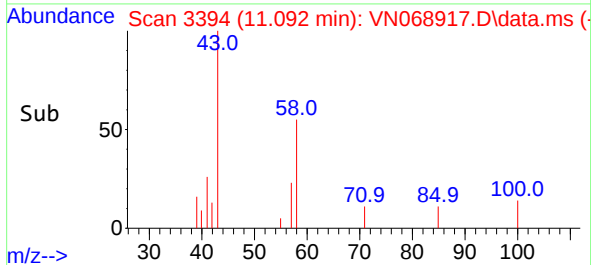
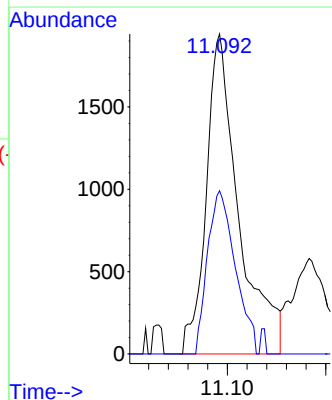
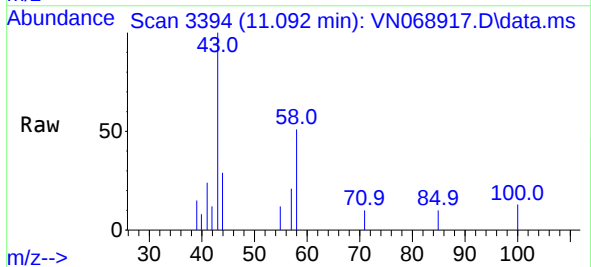
#51
4-Methyl-2-Pentanone
Concen: 0.384 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.008 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

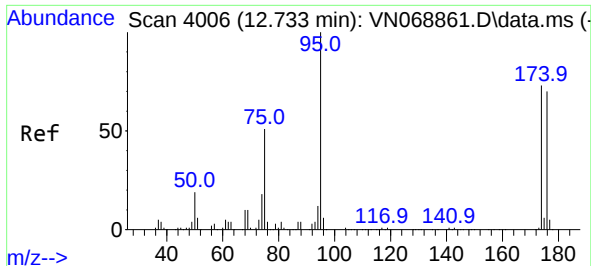
Tgt Ion: 43 Resp: 2371
Ion Ratio Lower Upper
43 100
58 16.1 31.0 46.4#



#59
2-Hexanone
Concen: 1.004 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion: 43 Resp: 4444
Ion Ratio Lower Upper
43 100
58 43.8 26.9 80.7

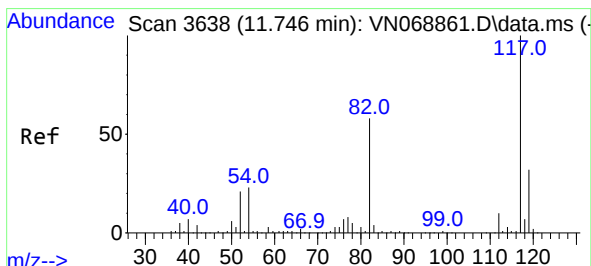
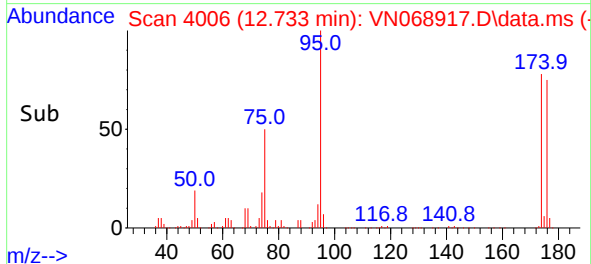
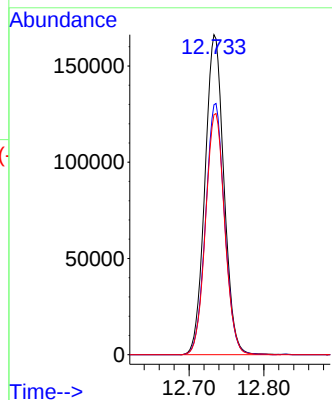
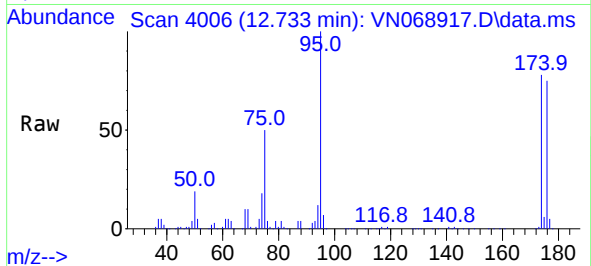




#62
4-Bromofluorobenzene
Concen: 48.814 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

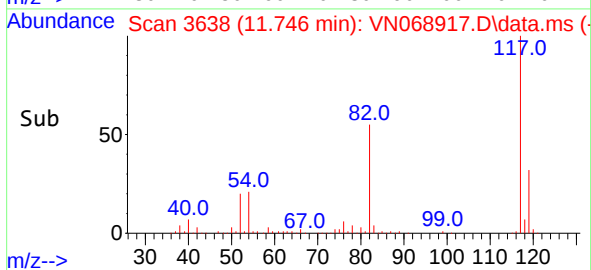
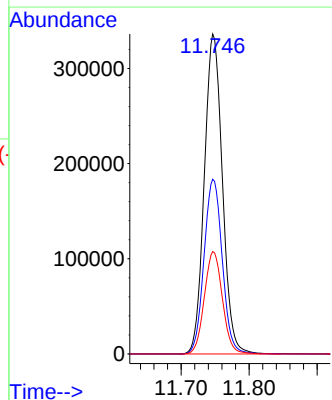
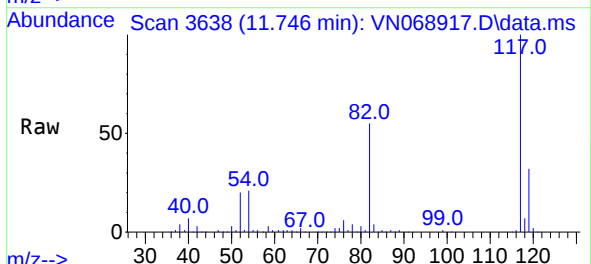
Instrument :
MSVOA_N
ClientSampleId :

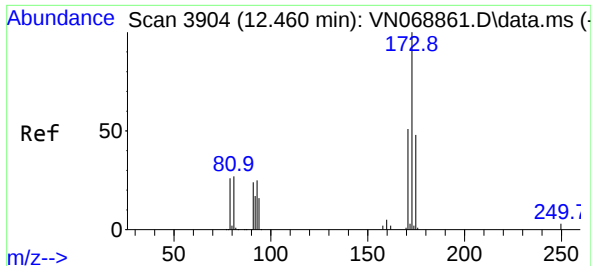
Tgt Ion: 95 Resp: 293314
Ion Ratio Lower Upper
95 100
174 78.4 0.0 144.8
176 76.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion: 117 Resp: 622630
Ion Ratio Lower Upper
117 100
82 54.6 46.4 69.6
119 32.0 26.0 39.0

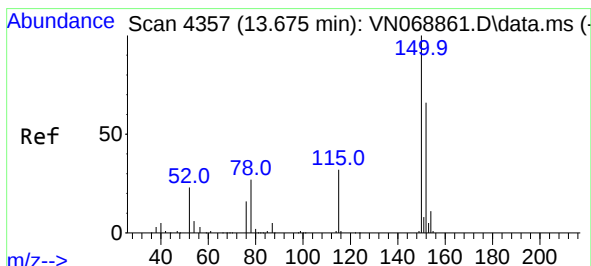
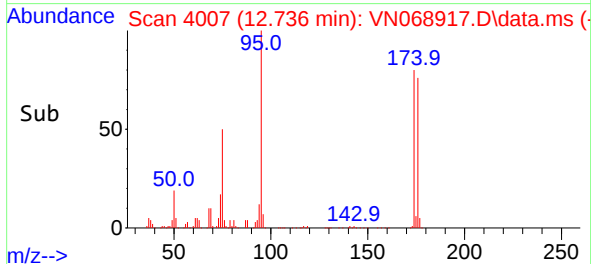
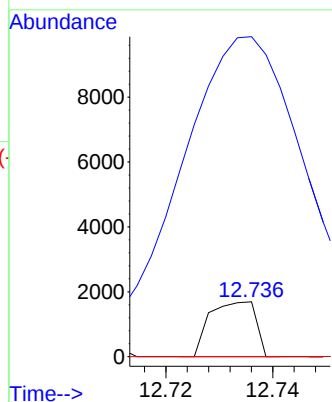
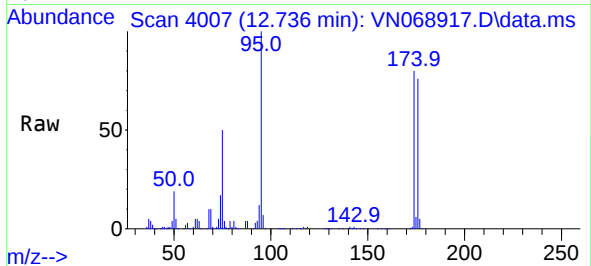




#71
Bromoform
Concen: 0.273 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

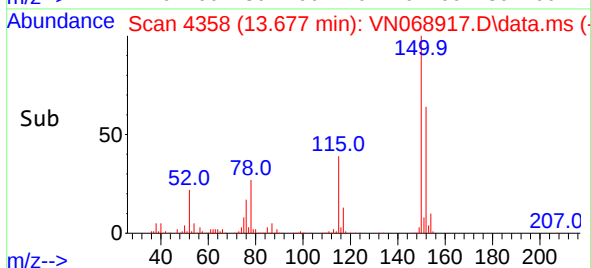
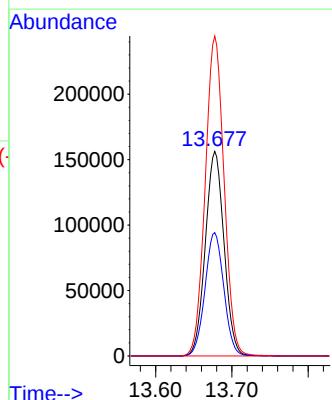
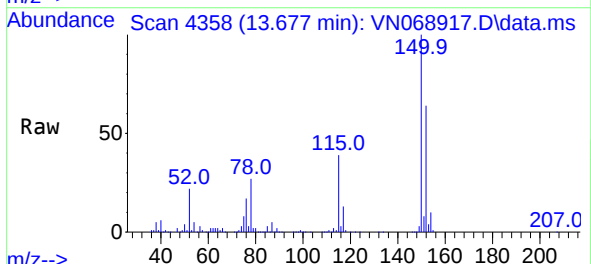
Instrument :
MSVOA_N
ClientSampled :

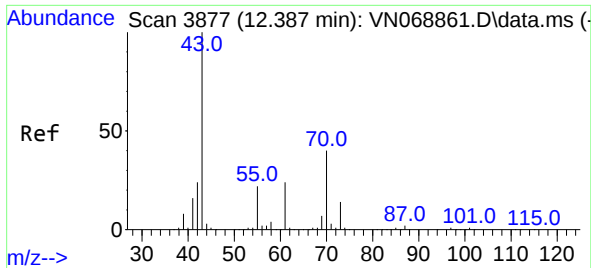
Tgt Ion:173 Resp: 1007
Ion Ratio Lower Upper
173 100
175 1557.8 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion:152 Resp: 266345
Ion Ratio Lower Upper
152 100
115 60.7 31.4 94.3
150 157.2 0.0 351.0



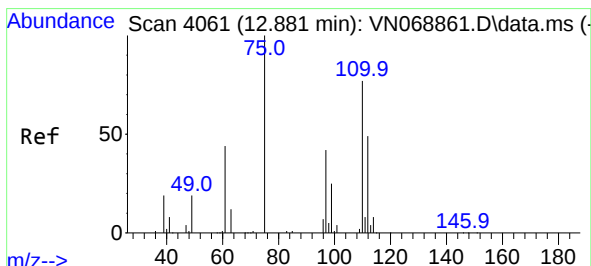
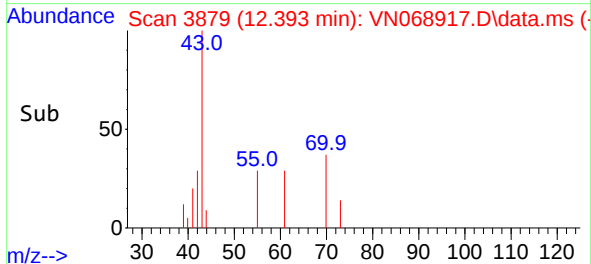
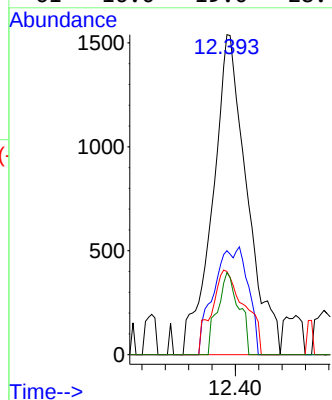
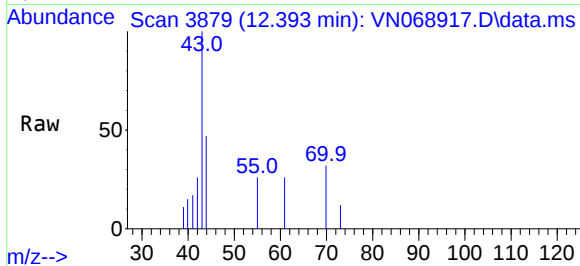


#74
N-amy1 acetate
Concen: 0.373 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 3137

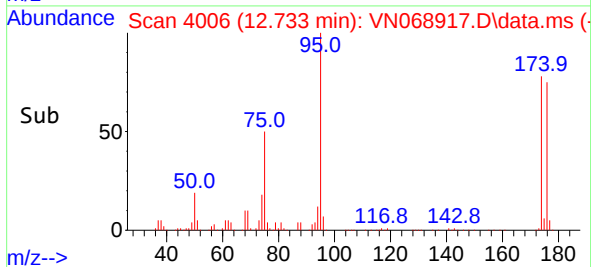
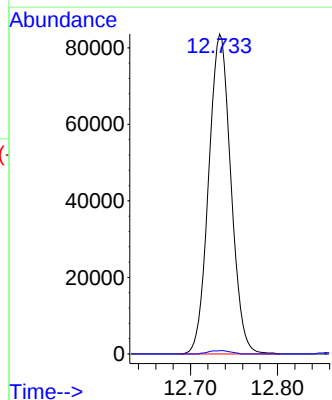
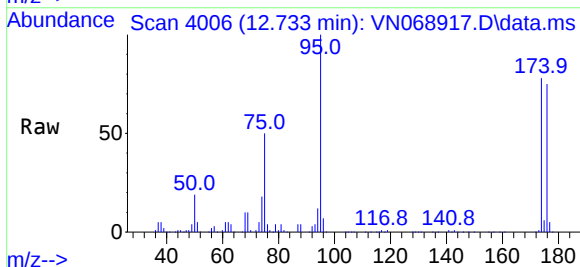
Ion	Ratio	Lower	Upper
43	100		
70	20.1	32.2	48.2#
55	25.3	18.0	27.0
61	16.0	19.0	28.4#

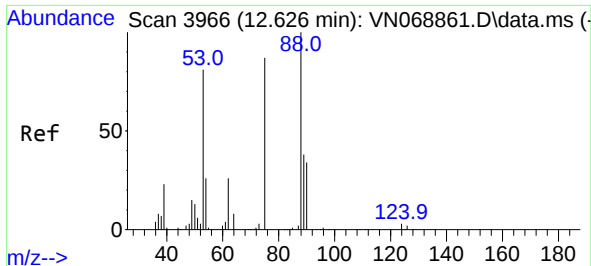


#76
1,2,3-Trichloropropane
Concen: 26.213 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion: 75 Resp: 148552

Ion	Ratio	Lower	Upper
75	100		
77	1.0	96.2	288.4#

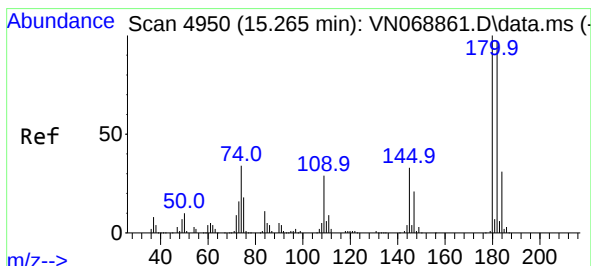
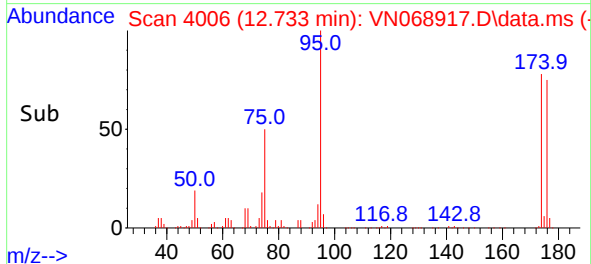
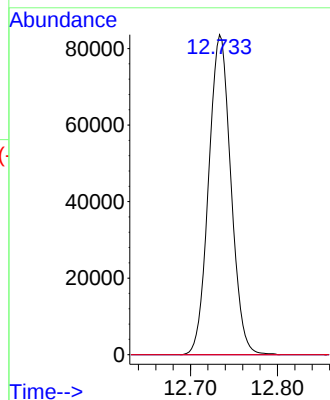
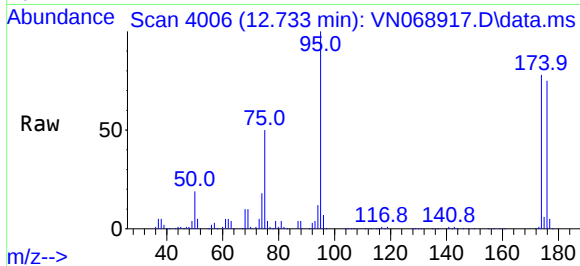




#81
trans-1,4-Dichloro-2-butene
Concen: 62.714 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

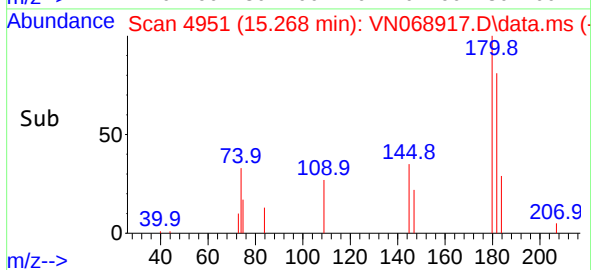
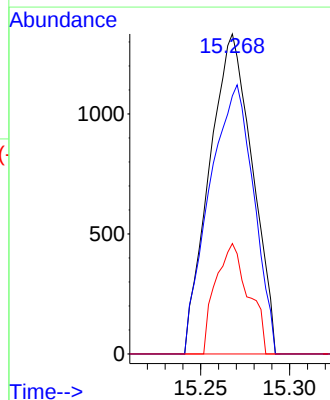
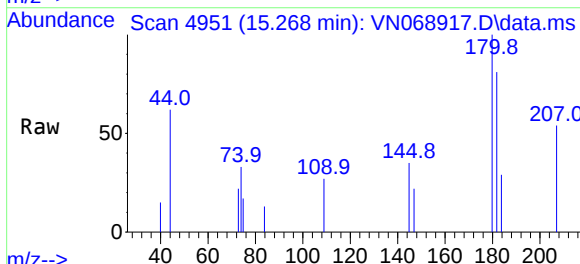
Instrument :
MSVOA_N
ClientSampleId :

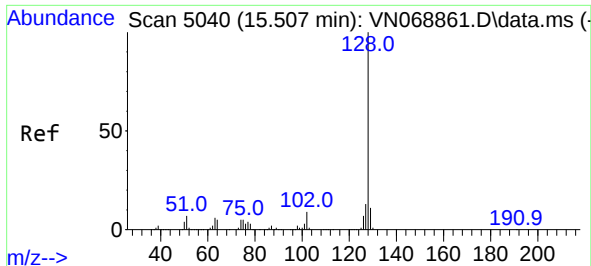
Tgt Ion: 75 Resp: 148552
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.075 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion:180 Resp: 2235
Ion Ratio Lower Upper
180 100
182 86.7 47.9 143.7
145 26.4 16.4 49.2

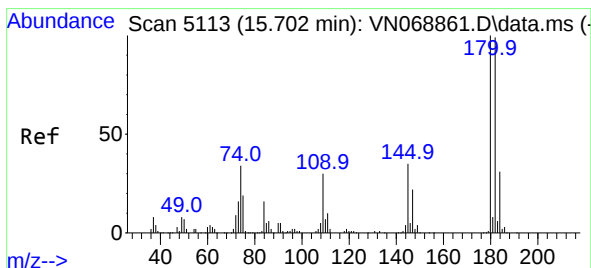
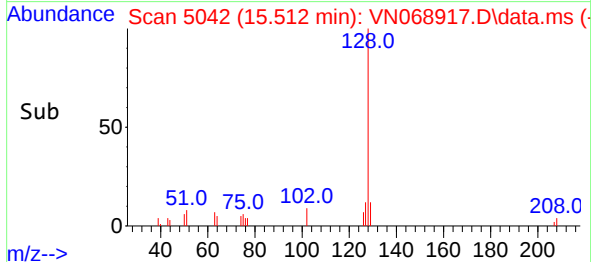
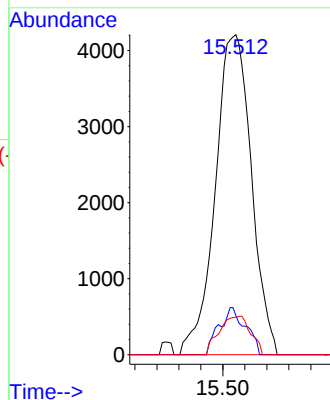
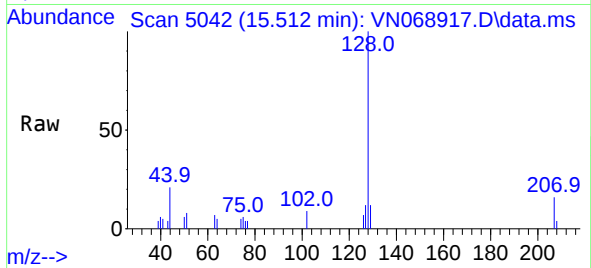




#95
Naphthalene
Concen: 4.529 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	128	Resp:	9601
Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.5	15.7
129	10.4	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 3.117 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068917.D
Acq: 14 Oct 2021 11:50

Tgt Ion:	180	Resp:	2703
Ion	Ratio	Lower	Upper
180	100		
182	92.0	48.1	144.3
145	27.0	17.4	52.2

