

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067582.D
 Acq On : 30 Jun 2021 19:19
 Operator : JC/MD
 Sample : M2896-07 20X
 Misc : 12.79g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 01 01:30:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

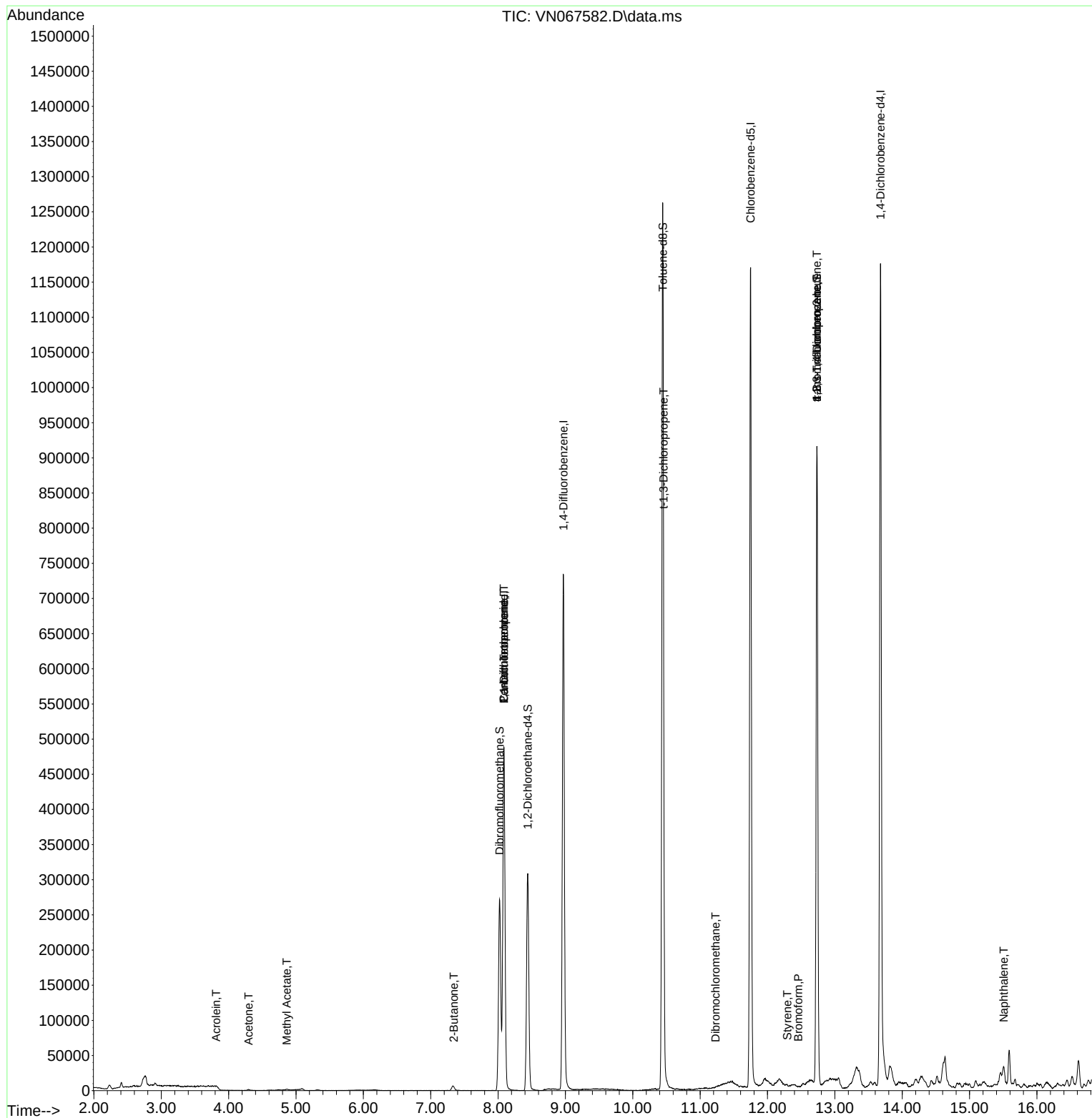
Internal Standards						
1) Pentafluorobenzene	8.088	168	344877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	641376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	664239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	291546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	262205	55.552	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.100%			
35) Dibromofluoromethane	8.021	113	193862	48.752	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.500%			
50) Toluene-d8	10.446	98	890190	55.108	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.220%			
62) 4-Bromofluorobenzene	12.734	95	317249	56.226	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.460%			
Target Compounds					Qvalue	
13) Acrolein	3.816	56	113	2.468	ug/l #	1
16) Acetone	4.296	43	1706	1.096	ug/l	90
18) Methyl Acetate	4.862	43	2306	0.555	ug/l #	77
25) 2-Butanone	7.343	43	579	0.241	ug/l #	51
31) Cyclohexane	8.086	56	9217	Below Cal	#	12
36) 1,1-Dichloropropene	8.088	75	31971	5.522	ug/l #	52
38) Carbon Tetrachloride	8.086	117	39078	6.300	ug/l #	16
53) t-1,3-Dichloropropene	10.457	75	49	2.262	ug/l	93
60) Dibromochloromethane	11.229	129	71	2.425	ug/l	62
70) Styrene	12.294	104	190	1.894	ug/l #	1
71) Bromoform	12.457	173	95	3.480	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	178300	30.511	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	178300	87.721	ug/l #	6
95) Naphthalene	15.507	128	21479	4.582	ug/l #	93

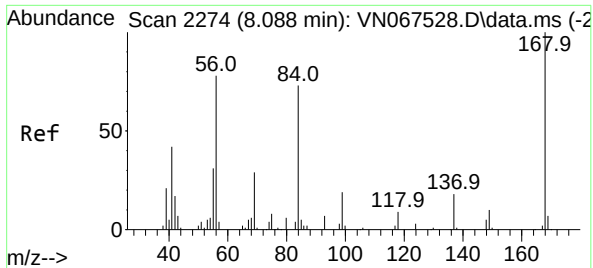
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 01 01:30:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
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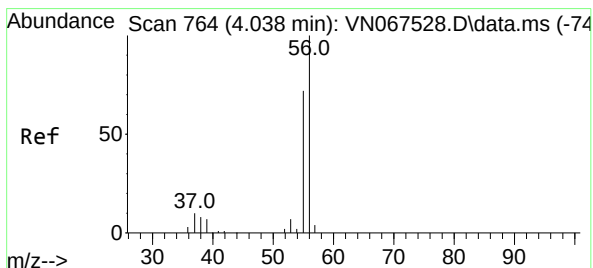
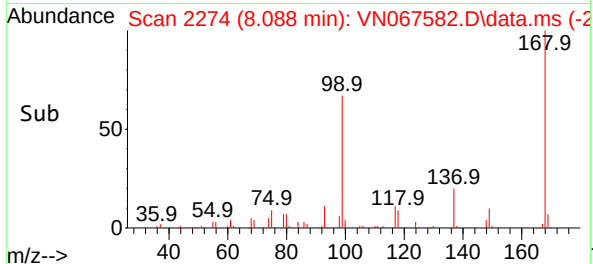
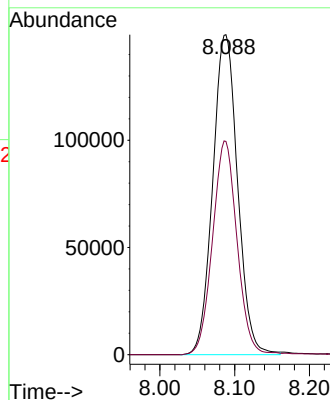
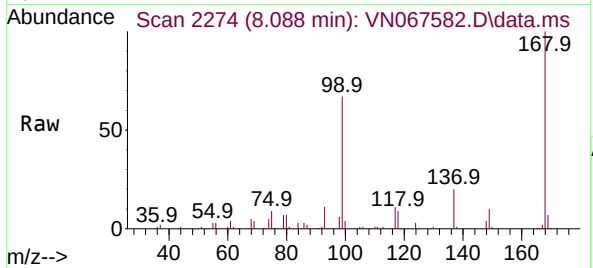




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

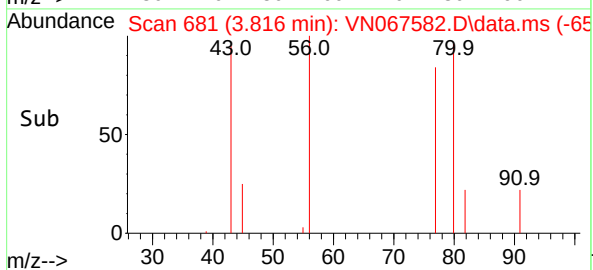
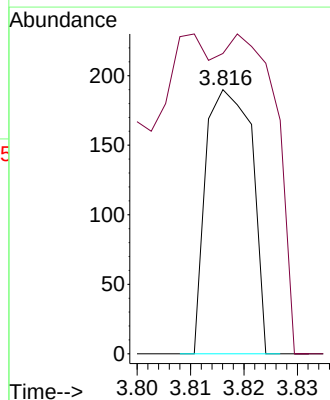
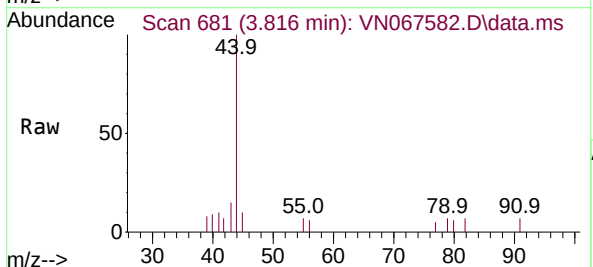
Instrument :
MSVOA_N
ClientSampleId :

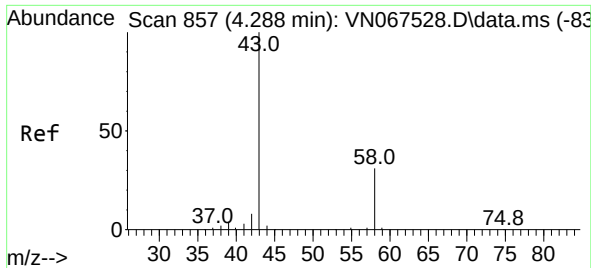
Tgt Ion:168 Resp: 344877
Ion Ratio Lower Upper
168 100
99 66.7 62.9 94.3



#13
Acrolein
Concen: 2.468 ug/l
RT: 3.816 min Scan# 681
Delta R.T. -0.222 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Tgt Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 189.4 57.4 86.0#

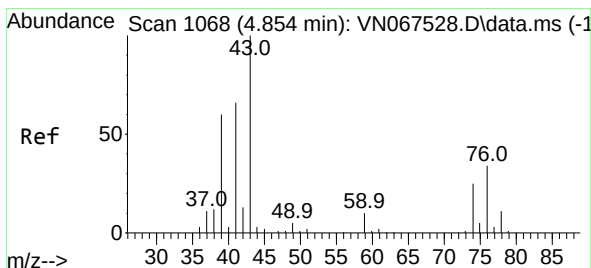
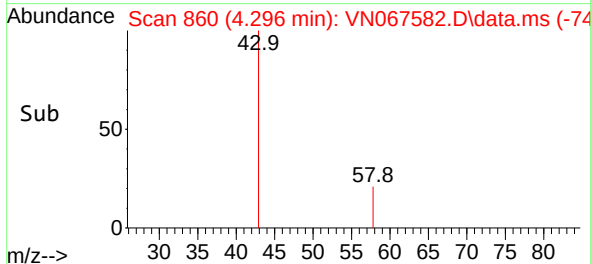
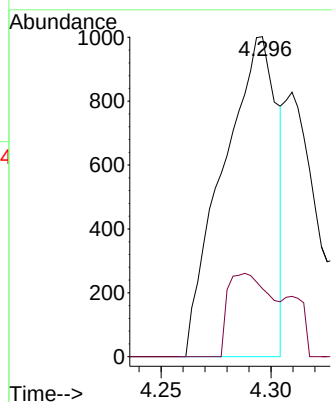
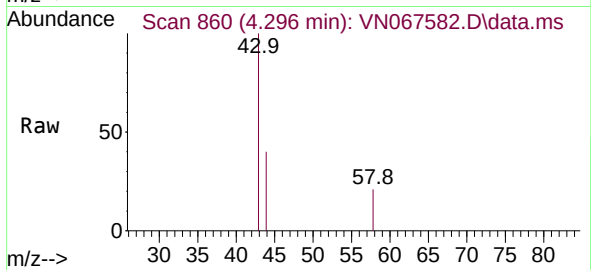




#16
Acetone
Concen: 1.096 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

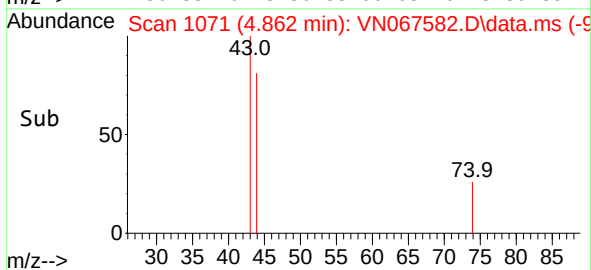
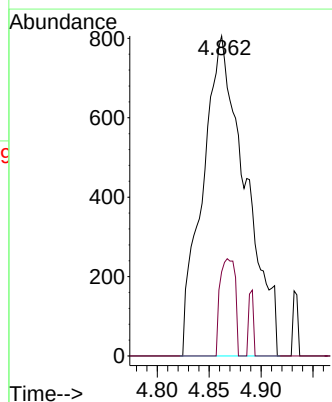
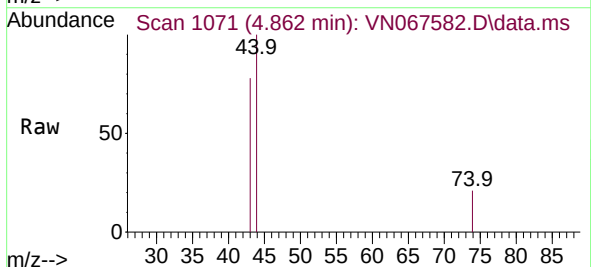
Instrument :
MSVOA_N
ClientSampled :

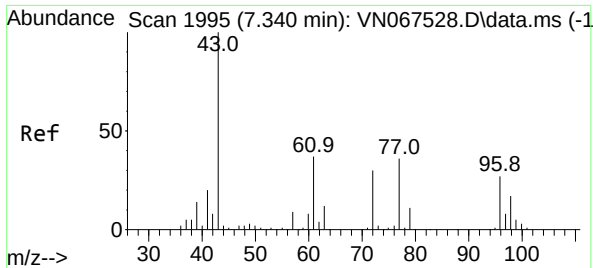
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
58 21.3 21.2 31.8



#18
Methyl Acetate
Concen: 0.555 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Tgt Ion: 43 Resp: 2306
Ion Ratio Lower Upper
43 100
74 10.7 17.4 26.0#

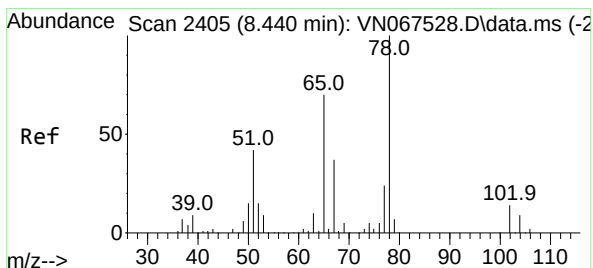
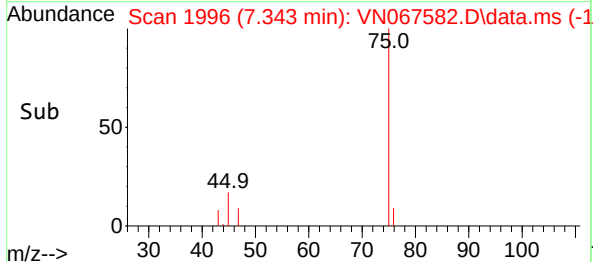
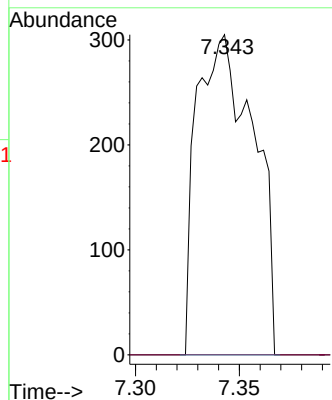
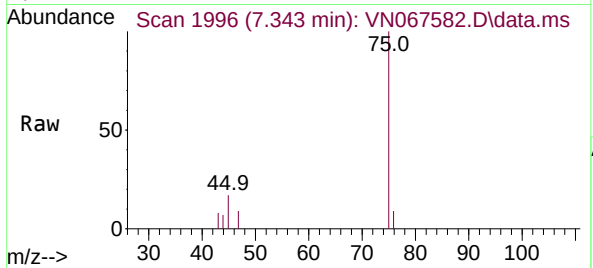




#25
2-Butanone
Concen: 0.241 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

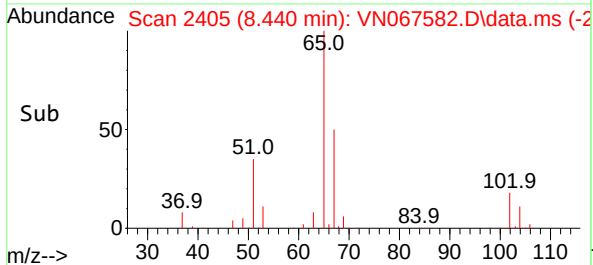
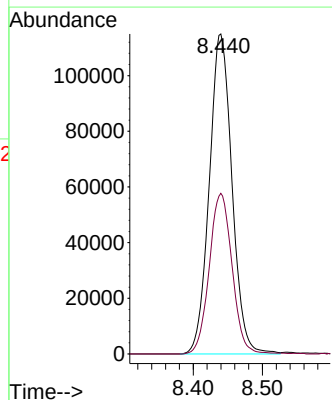
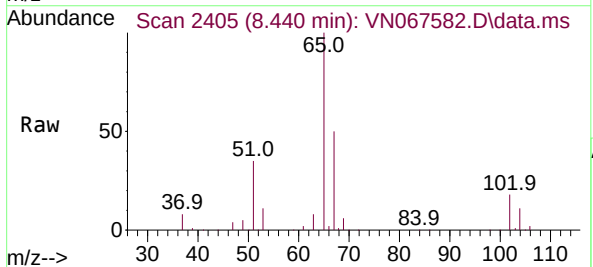
Instrument :
MSVOA_N
ClientSampled :

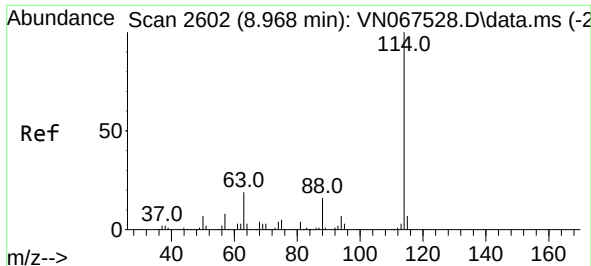
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#33
1,2-Dichloroethane-d4
Concen: 55.552 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Tgt Ion: 65 Resp: 262205
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.6

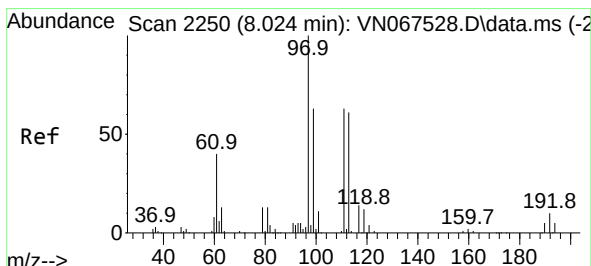
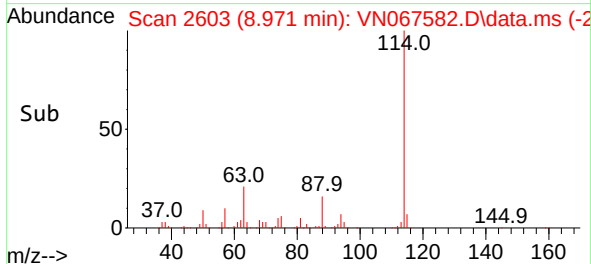
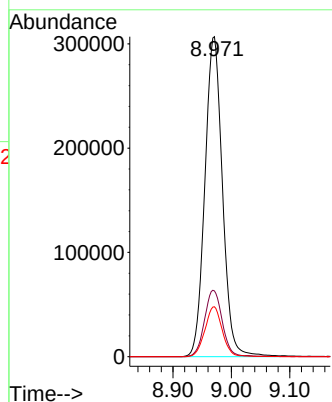
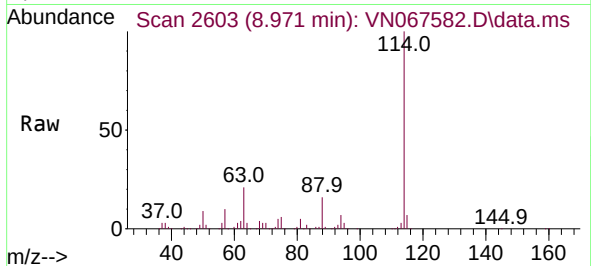




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

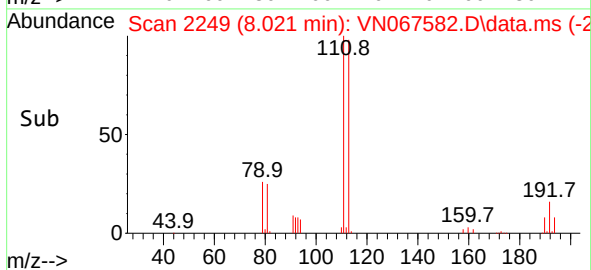
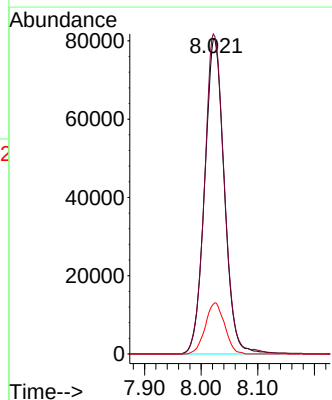
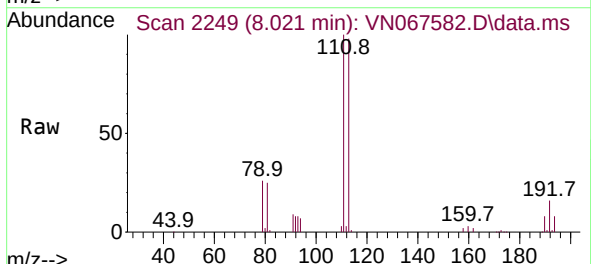
Instrument :
MSVOA_N
ClientSampleId :

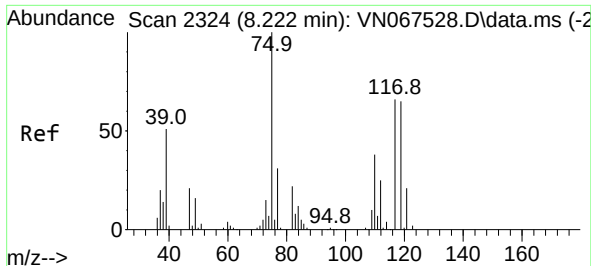
Tgt Ion:114 Resp: 641376
Ion Ratio Lower Upper
114 100
63 20.6 0.0 49.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.752 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Tgt Ion:113 Resp: 193862
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.8
192 16.0 13.4 20.0

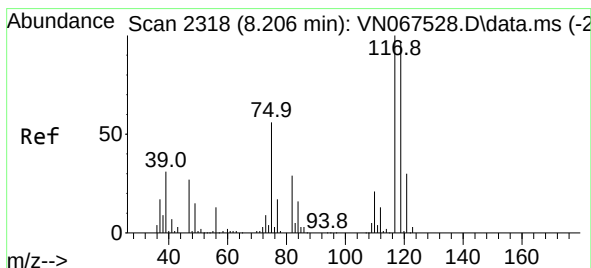
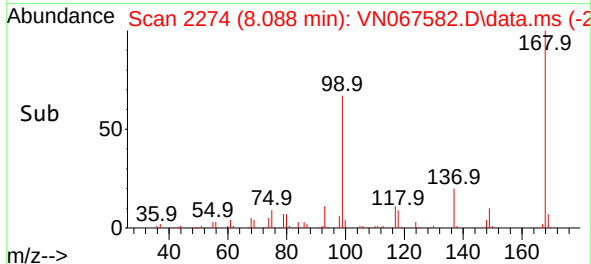
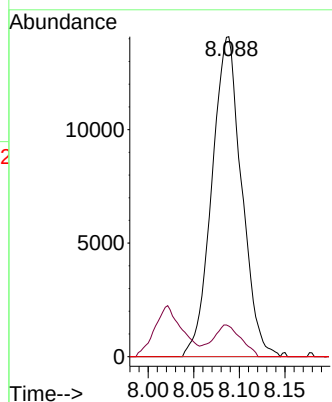
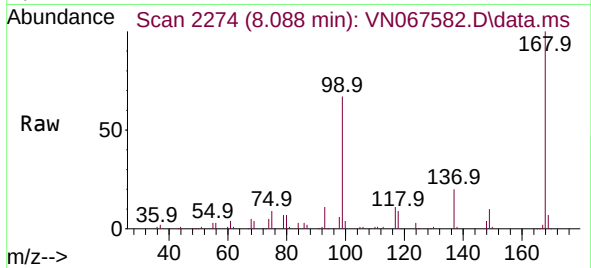




#36
1,1-Dichloropropene
Concen: 5.522 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

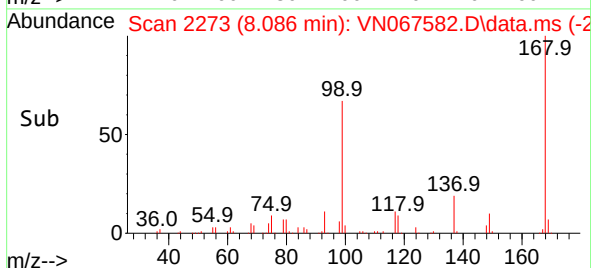
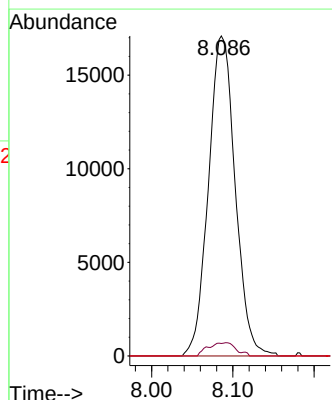
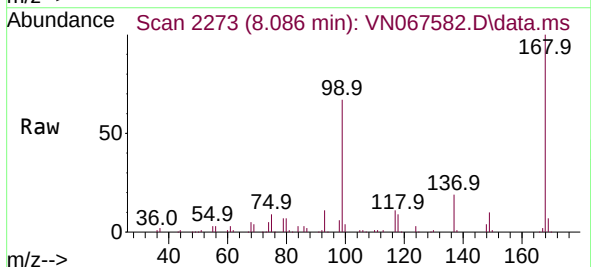
Instrument :
MSVOA_N
ClientSampled :

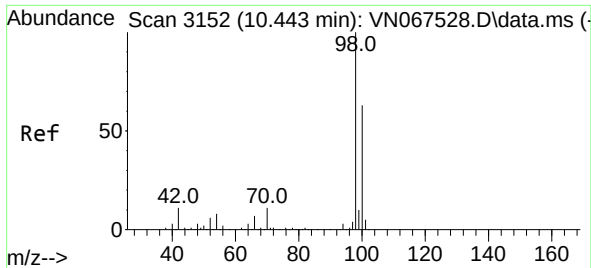
Tgt Ion: 75 Resp: 31971
Ion Ratio Lower Upper
75 100
110 9.0 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.300 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Tgt Ion: 117 Resp: 39078
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.2#
121 0.0 23.5 35.3#

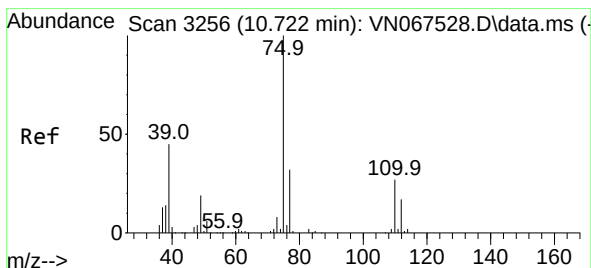
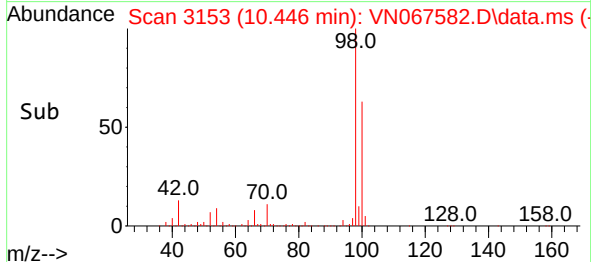
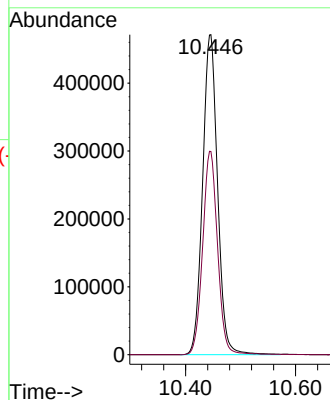
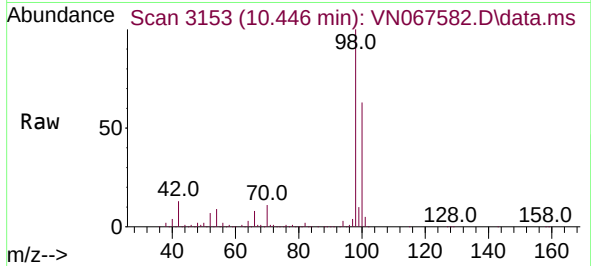




#50
Toluene-d8
Concen: 55.108 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

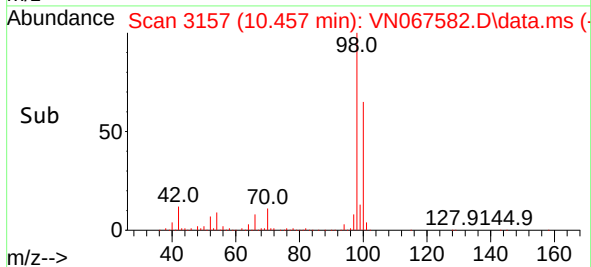
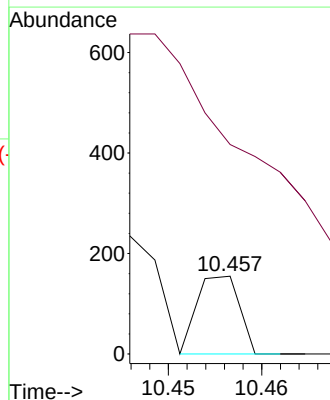
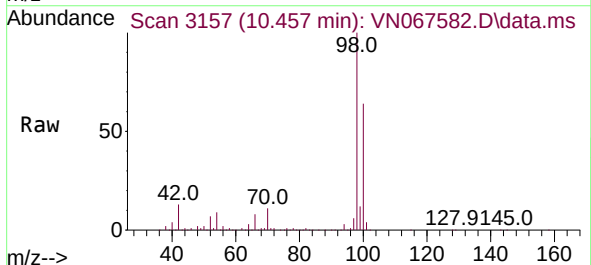
Instrument :
MSVOA_N
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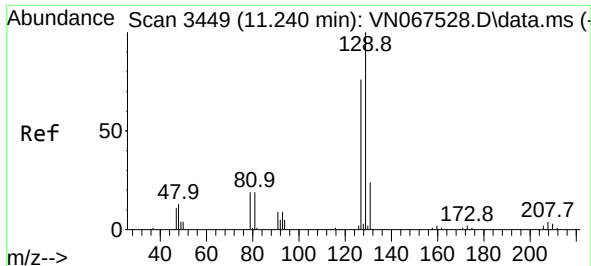
Tgt Ion: 98 Resp: 890190
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 2.262 ug/l
RT: 10.457 min Scan# 3157
Delta R.T. -0.265 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Tgt Ion: 75 Resp: 49
Ion Ratio Lower Upper
75 100
77 35.5 25.1 37.7

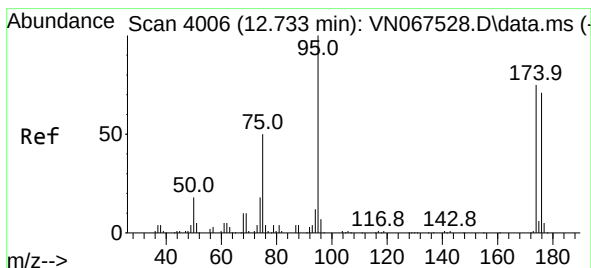
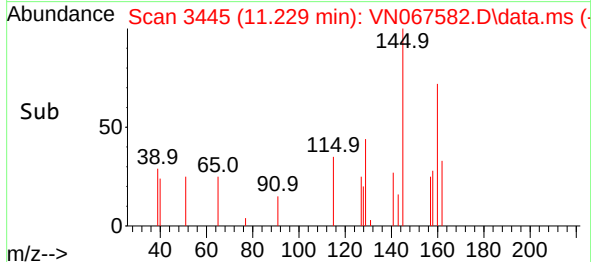
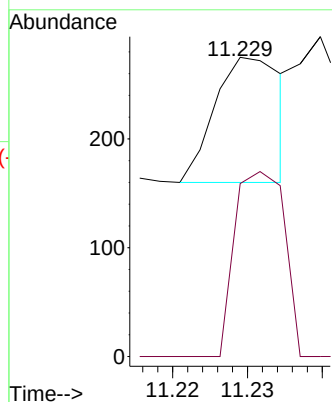
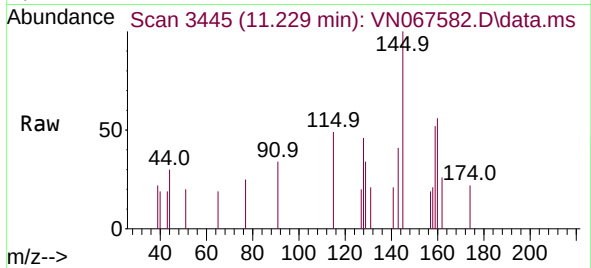




#60
Dibromochloromethane
Concen: 2.425 ug/l
RT: 11.229 min Scan# 3445
Delta R.T. -0.011 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

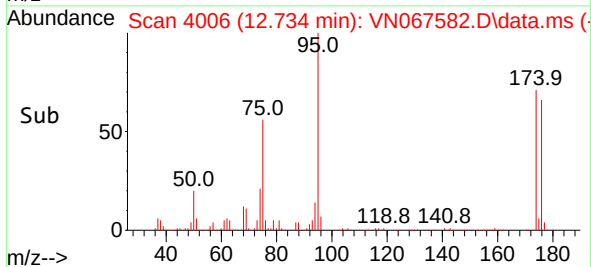
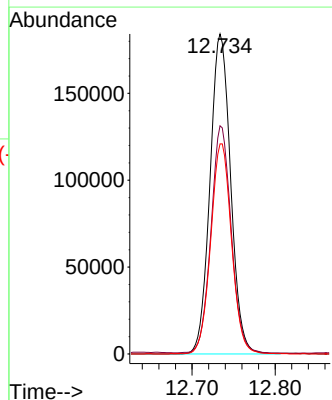
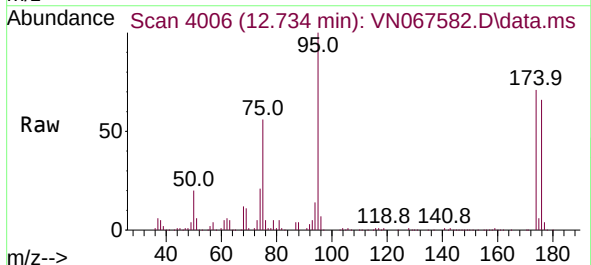
Instrument :
MSVOA_N
ClientSampleId :

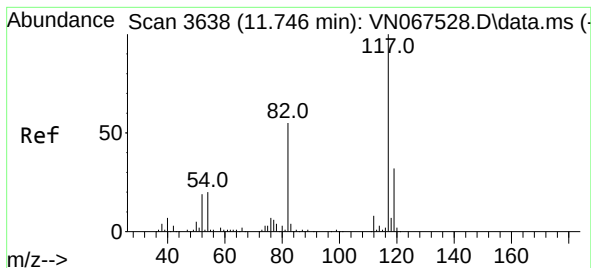
Tgt Ion:129 Resp: 71
Ion Ratio Lower Upper
129 100
127 109.9 38.6 115.8



#62
4-Bromofluorobenzene
Concen: 56.226 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Tgt Ion: 95 Resp: 317249
Ion Ratio Lower Upper
95 100
174 70.3 0.0 122.0
176 66.0 0.0 117.6

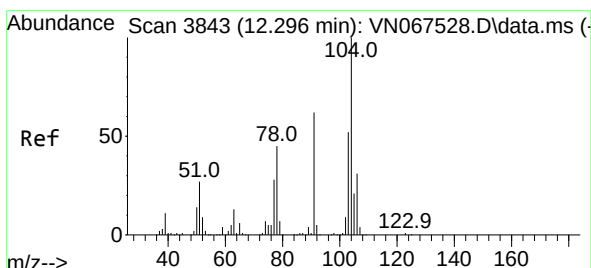
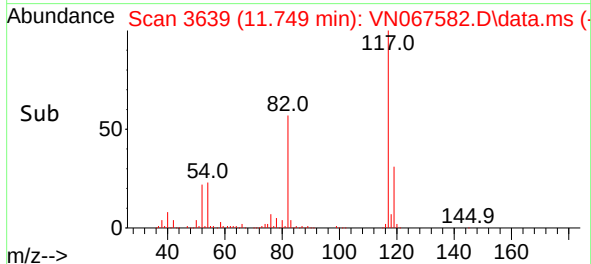
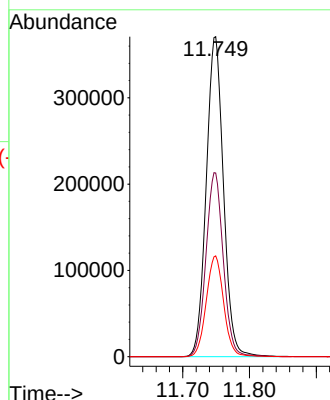
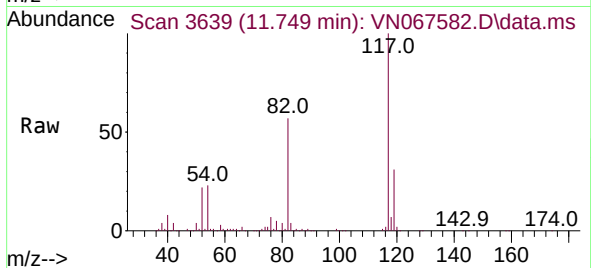




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

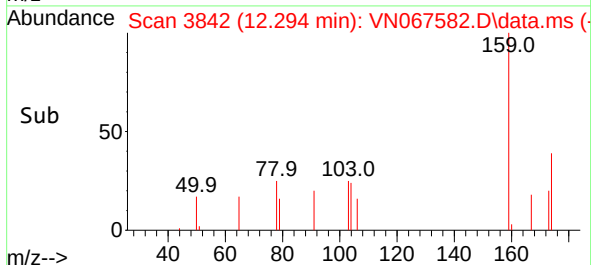
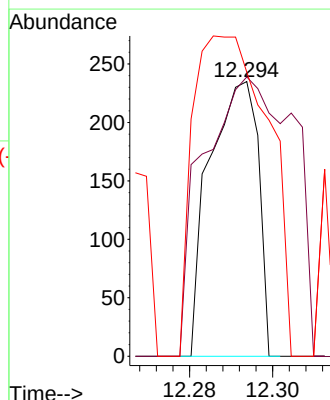
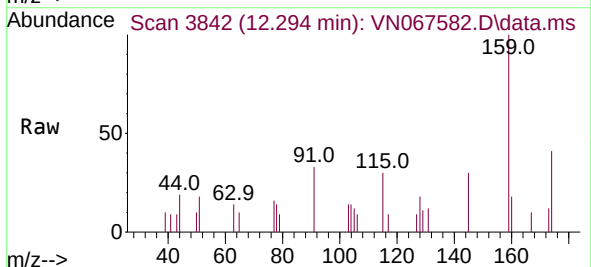
Instrument :
MSVOA_N
ClientSampled :

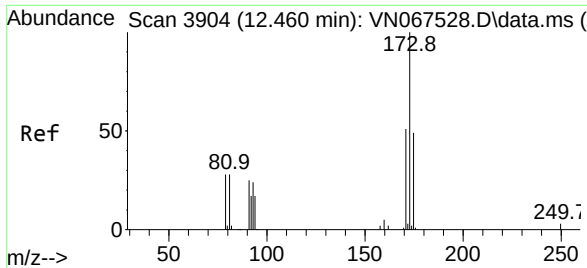
Tgt Ion:117 Resp: 664239
Ion Ratio Lower Upper
117 100
82 57.4 53.1 79.7
119 31.5 25.5 38.3



#70
Styrene
Concen: 1.894 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Tgt Ion:104 Resp: 190
Ion Ratio Lower Upper
104 100
78 187.9 48.2 72.2#
103 180.0 44.5 66.7#

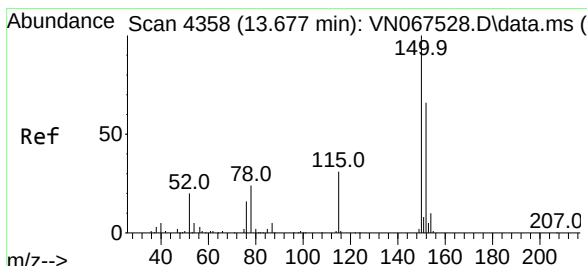
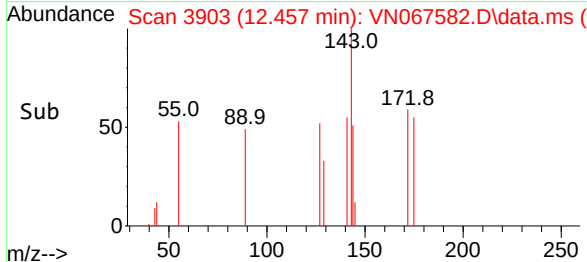
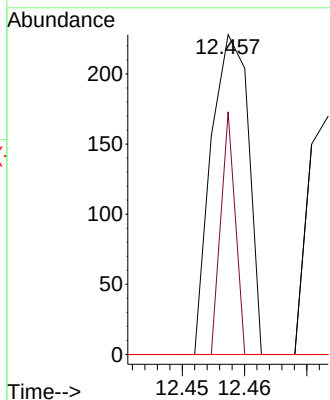
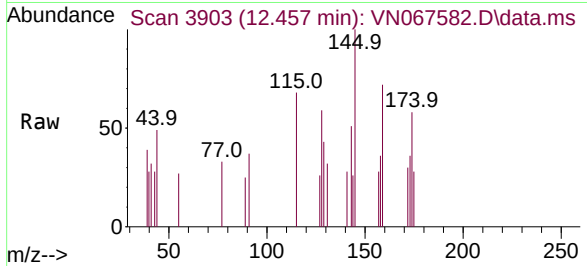




#71
Bromoform
Concen: 3.480 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

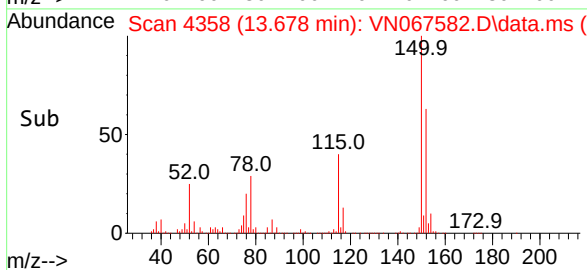
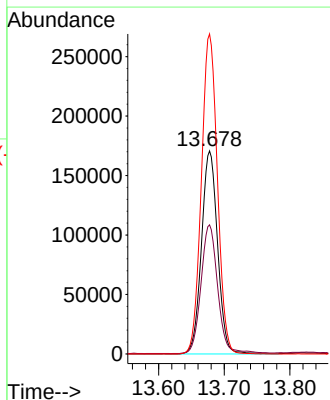
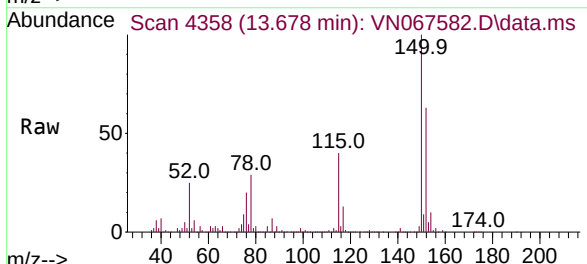
Instrument :
MSVOA_N
ClientSampleId :

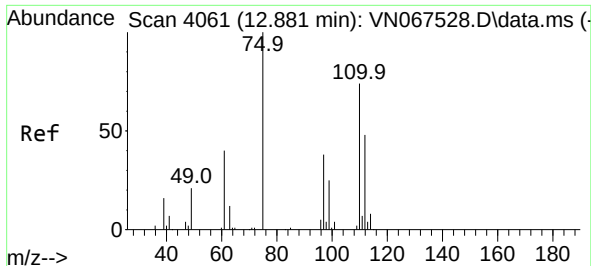
Tgt Ion:173 Resp: 95
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Tgt Ion:152 Resp: 291546
Ion Ratio Lower Upper
152 100
115 64.7 36.1 108.5
150 156.1 0.0 351.8

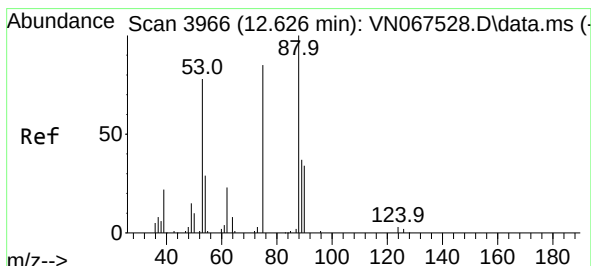
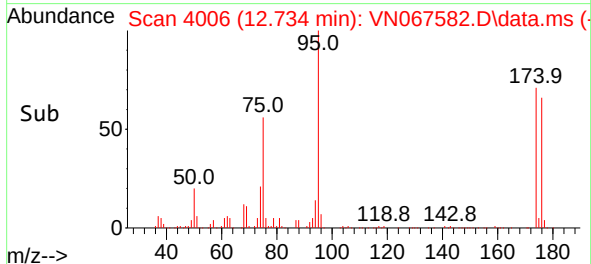
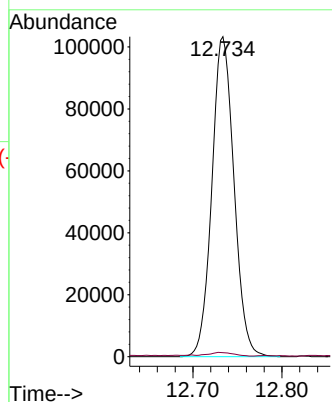
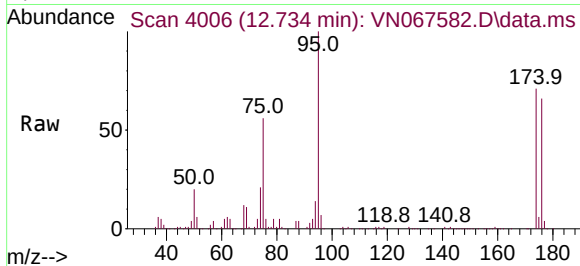




#76
1,2,3-Trichloropropane
Concen: 30.511 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

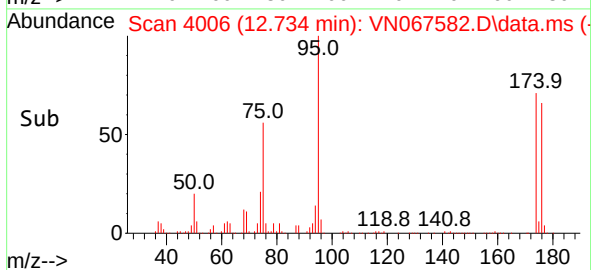
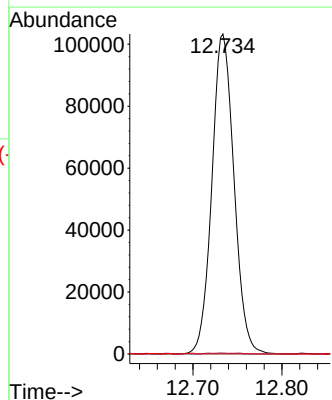
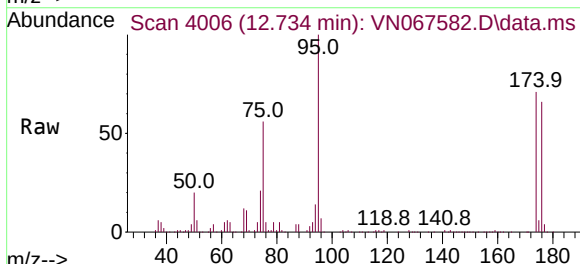
Instrument :
MSVOA_N
ClientSampled :

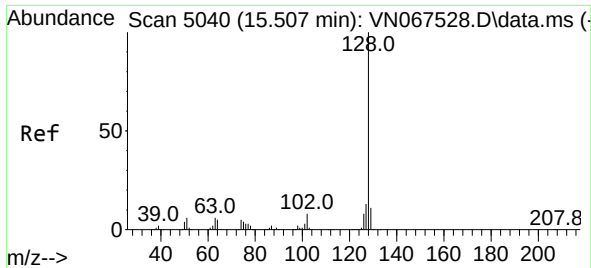
Tgt Ion: 75 Resp: 178300
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.721 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

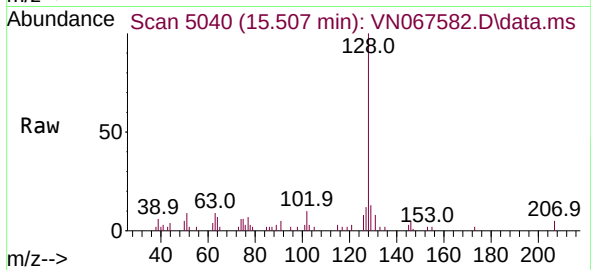
Tgt Ion: 75 Resp: 178300
Ion Ratio Lower Upper
75 100
53 0.2 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 4.582 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067582.D
Acq: 30 Jun 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	21479
Ion Ratio	Lower	Upper	
128	100		
127	14.8	10.6	15.8
129	15.0	8.6	12.8#

