

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067512.D
 Acq On : 25 Jun 2021 18:22
 Operator : JC/MD
 Sample : M2847-04 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 00:40:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

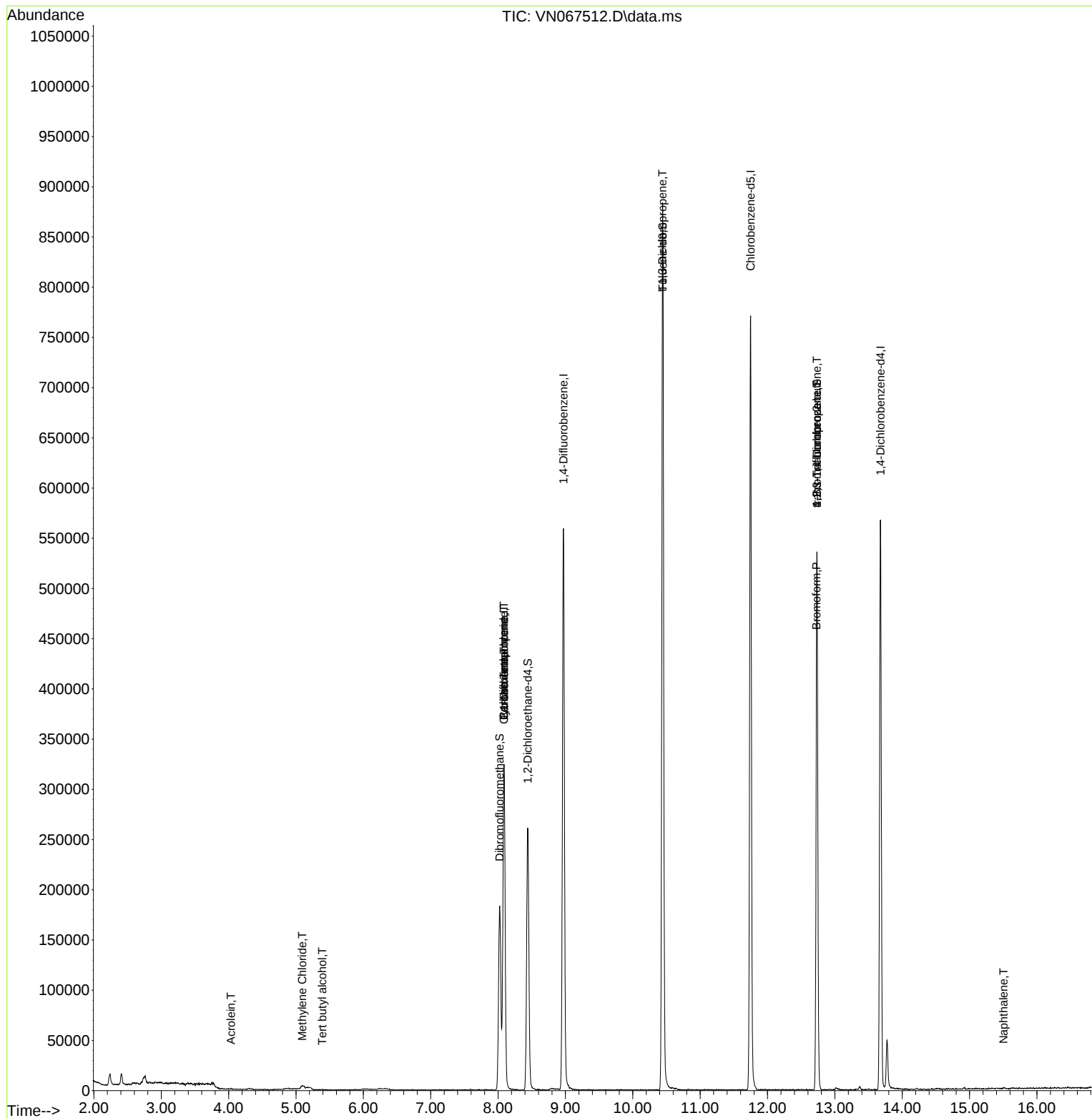
Internal Standards						
1) Pentafluorobenzene	8.088	168	191526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	432672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	385164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	119037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217281	55.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	110.86%		
35) Dibromofluoromethane	8.024	113	131449	49.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.62%		
50) Toluene-d8	10.443	98	591930	52.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.14%		
62) 4-Bromofluorobenzene	12.734	95	197626	48.79	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.58%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.390	59	382	0.60	ug/l #	71
13) Acrolein	4.036	56	218	0.40	ug/l #	29
20) Methylene Chloride	5.093	84	1726	0.49	ug/l #	81
31) Cyclohexane	8.086	56	7786	1.24	ug/l #	16
36) 1,1-Dichloropropene	8.088	75	26322	5.40	ug/l #	51
38) Carbon Tetrachloride	8.088	117	26210	6.31	ug/l #	17
53) t-1,3-Dichloropropene	10.440	75	183	2.03	ug/l #	1
71) Bromoform	12.725	173	377	2.83	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	119811	34.20	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	119811	93.58	ug/l #	6
95) Naphthalene	15.504	128	792	3.45	ug/l #	69

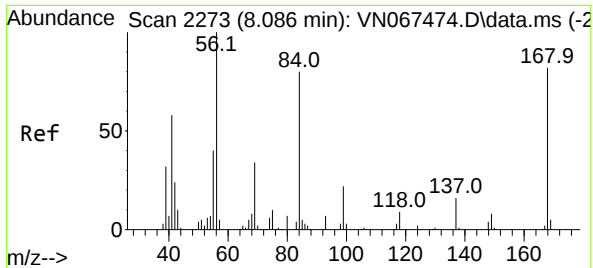
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
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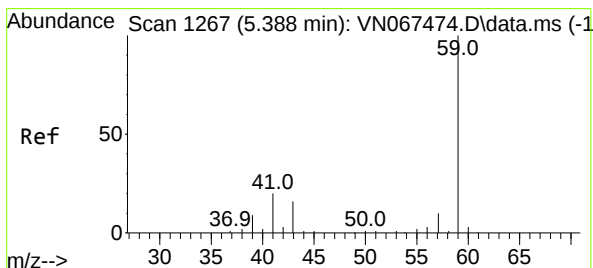
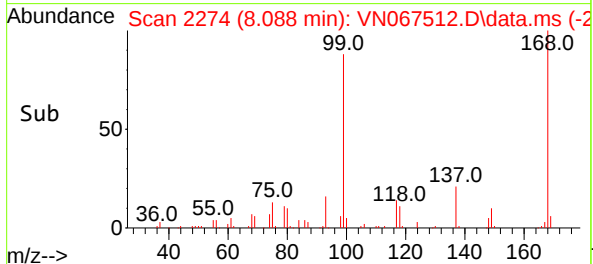
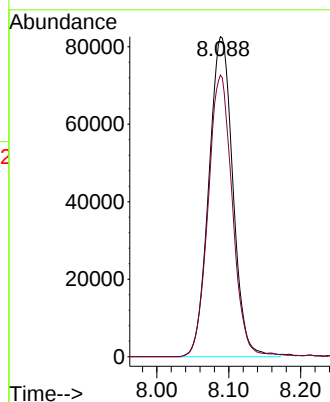
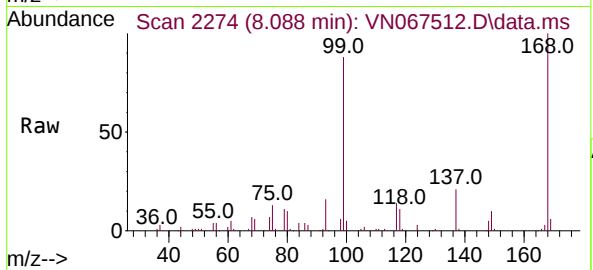




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

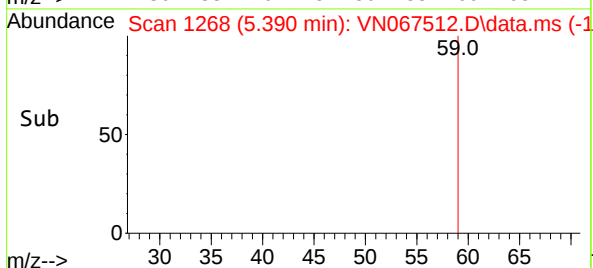
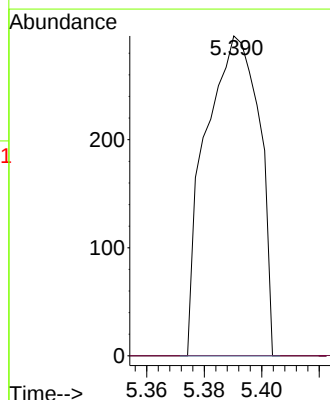
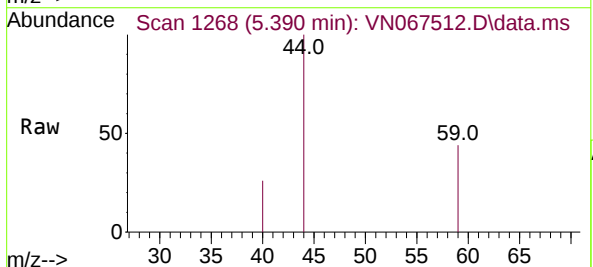
Instrument :
MSVOA_N
ClientSampled :

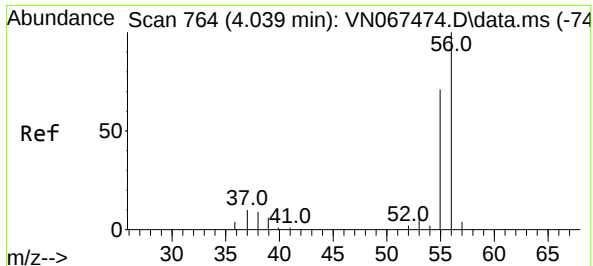
Tgt Ion:168 Resp: 191526
Ion Ratio Lower Upper
168 100
99 88.0 62.9 94.3



#11
Tert butyl alcohol
Concen: 0.60 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.002 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

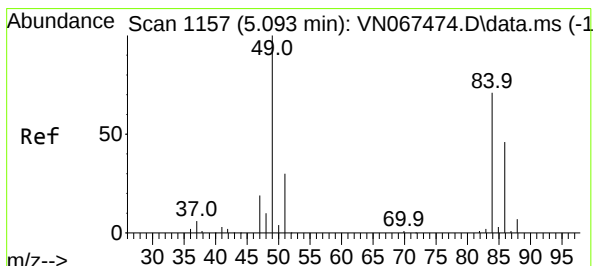
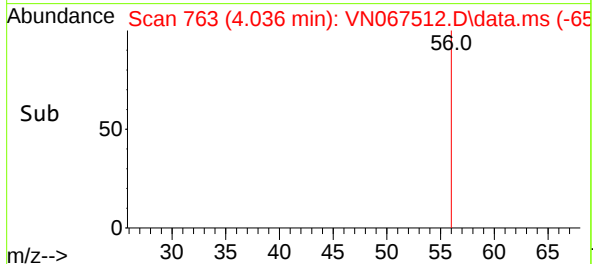
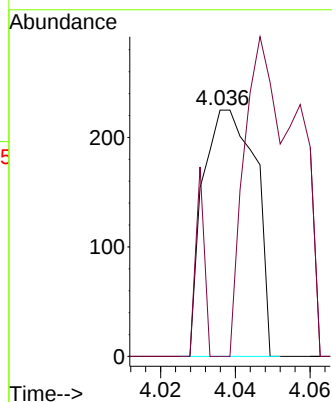
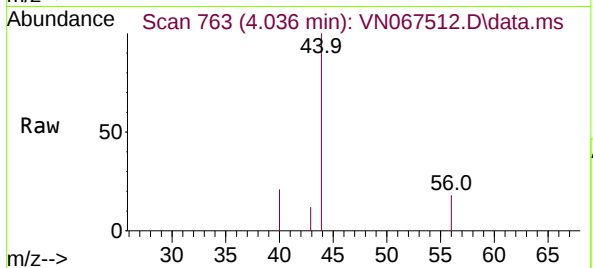




#13
Acrolein
Concen: 0.40 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

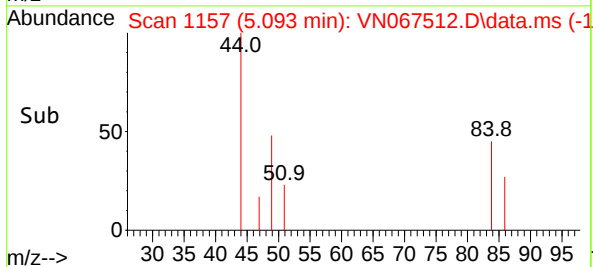
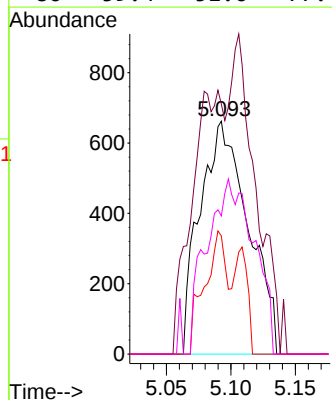
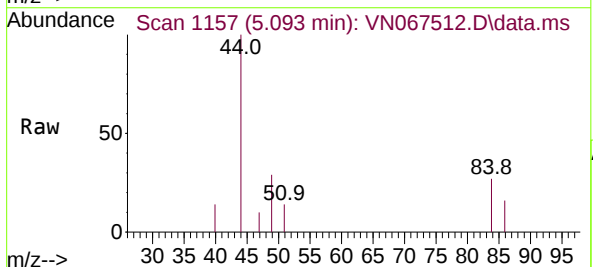
Instrument :
MSVOA_N
ClientSampleId :

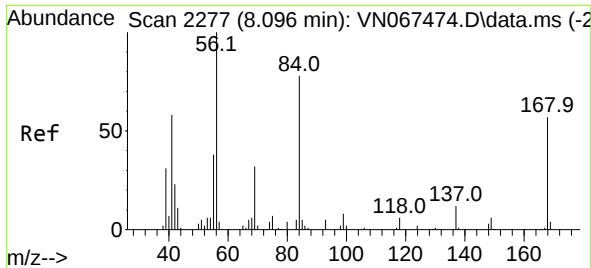
Tgt Ion: 56 Resp: 218
Ion Ratio Lower Upper
56 100
55 12.8 57.4 86.0#



#20
Methylene Chloride
Concen: 0.49 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

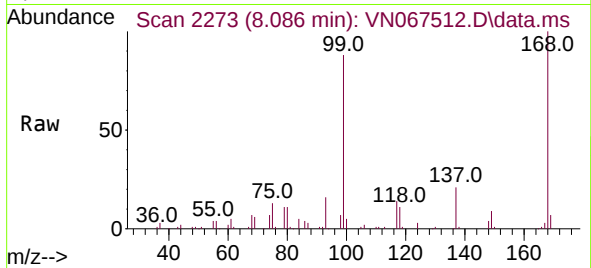
Tgt Ion: 84 Resp: 1726
Ion Ratio Lower Upper
84 100
49 107.4 110.9 166.3#
51 50.8 32.6 49.0#
86 59.4 51.6 77.4



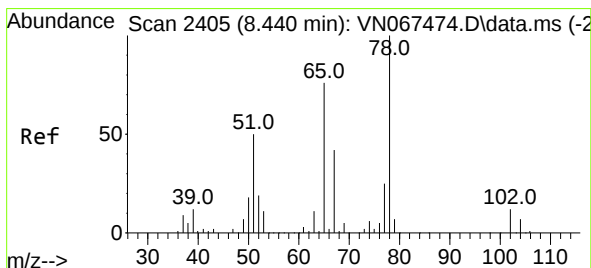
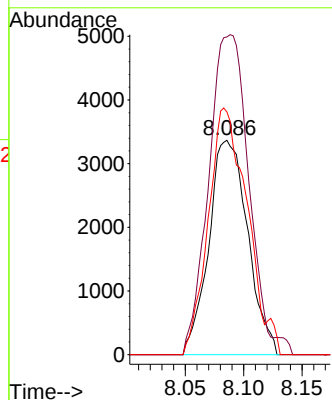
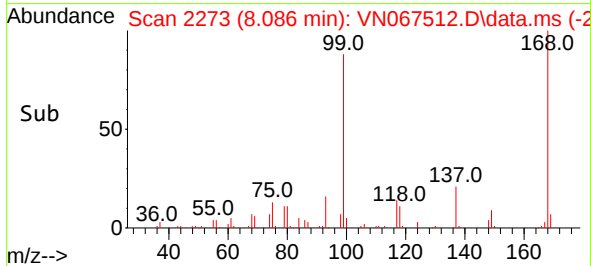


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

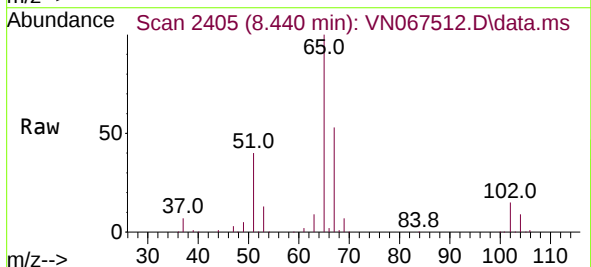
Instrument :
MSVOA_N
ClientSampled :



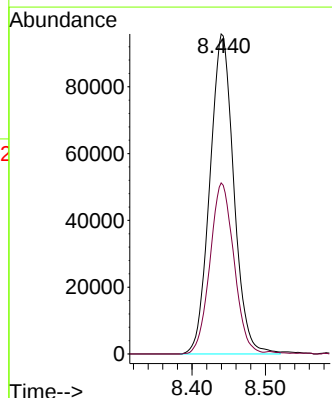
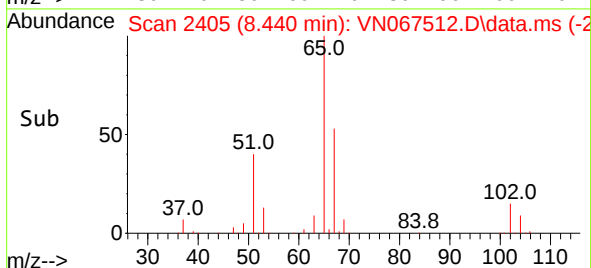
Tgt Ion: 56 Resp: 7786
Ion Ratio Lower Upper
56 100
69 148.2 27.3 40.9#
84 113.2 64.9 97.3#

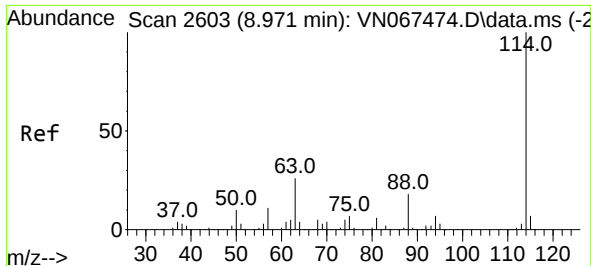


#33
1,2-Dichloroethane-d4
Concen: 55.43 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22



Tgt Ion: 65 Resp: 217281
Ion Ratio Lower Upper
65 100
67 53.6 0.0 98.6

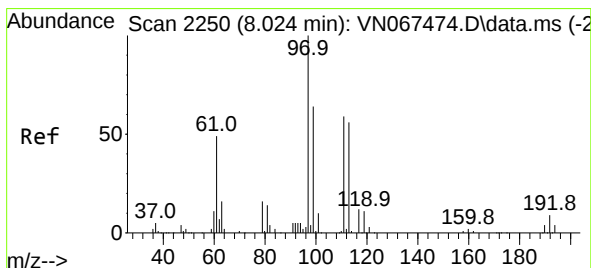
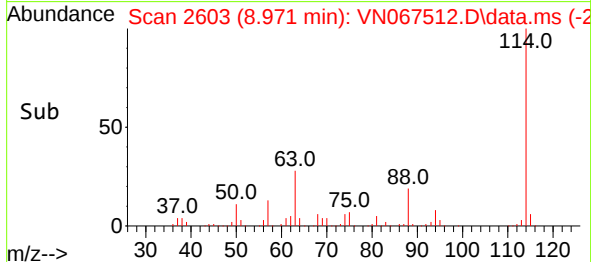
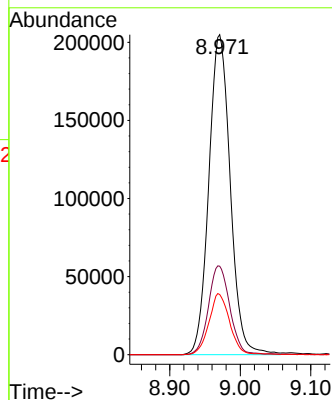
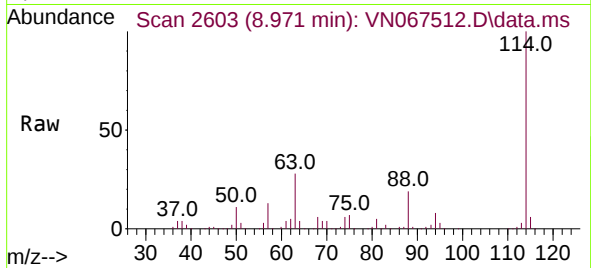




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

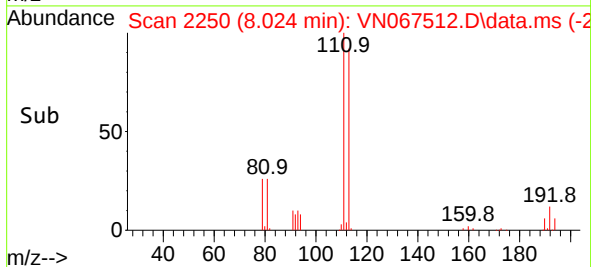
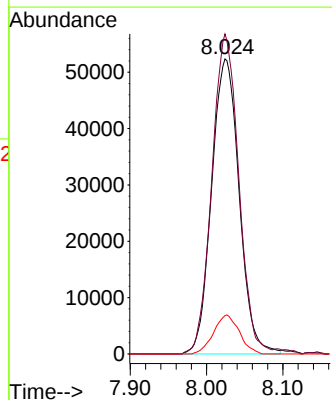
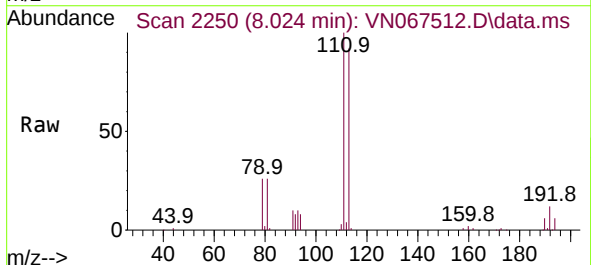
Instrument :
MSVOA_N
ClientSampled :

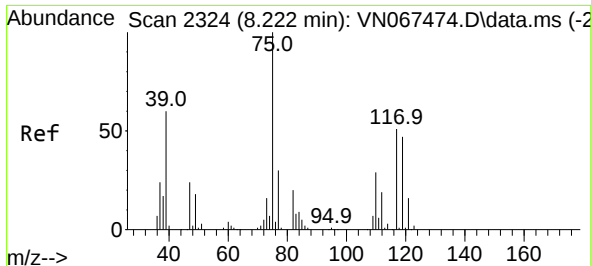
Tgt Ion:114 Resp: 432672
Ion Ratio Lower Upper
114 100
63 27.6 0.0 49.0
88 18.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.31 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

Tgt Ion:113 Resp: 131449
Ion Ratio Lower Upper
113 100
111 105.5 83.8 125.8
192 12.4 13.4 20.0#

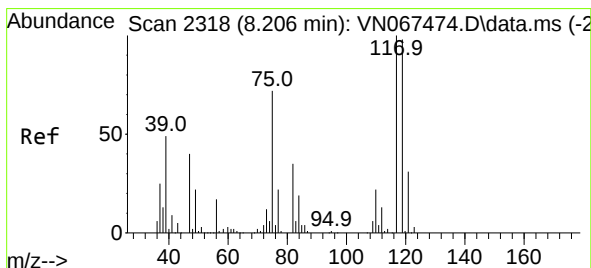
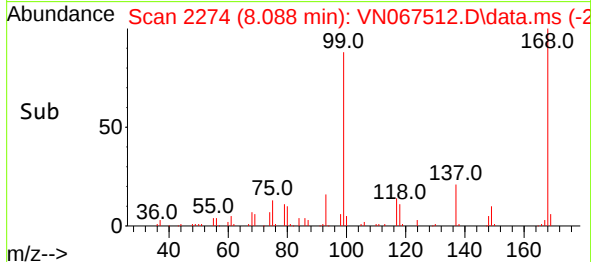
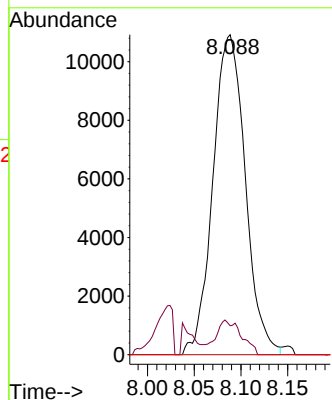
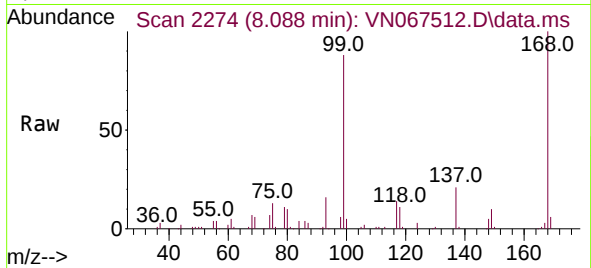




#36
1,1-Dichloropropene
Concen: 5.40 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

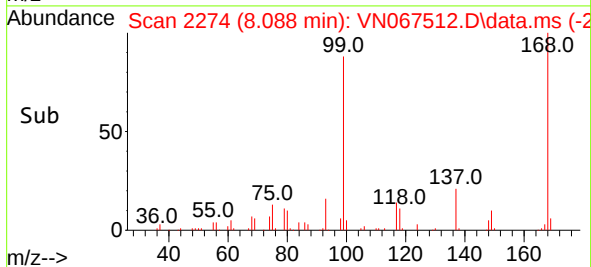
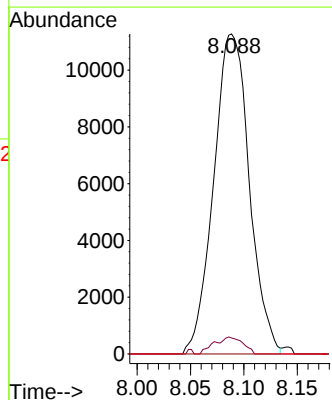
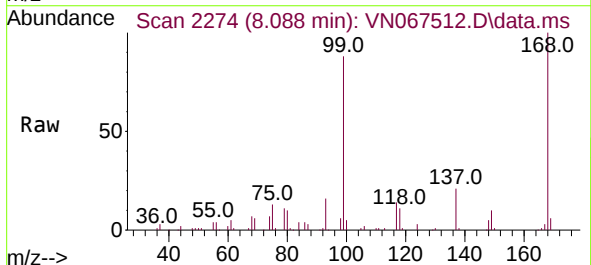
Instrument :
MSVOA_N
ClientSampled :

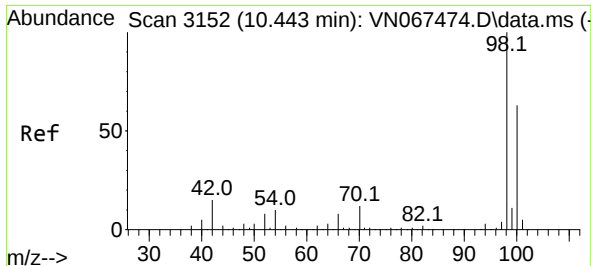
Tgt Ion: 75 Resp: 26322
Ion Ratio Lower Upper
75 100
110 8.3 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

Tgt Ion: 117 Resp: 26210
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 23.5 35.3#

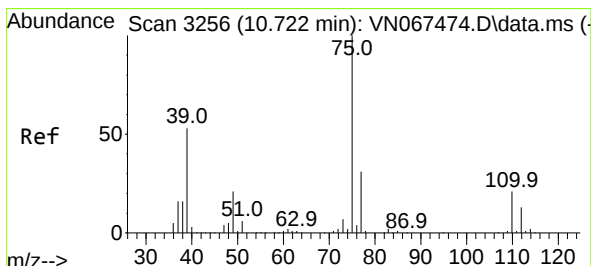
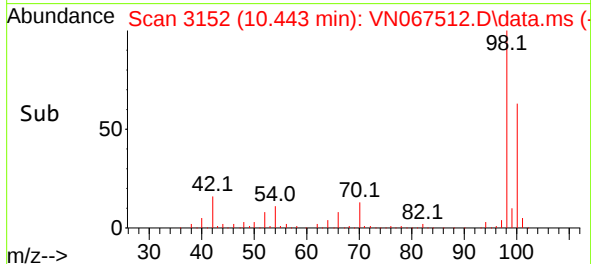
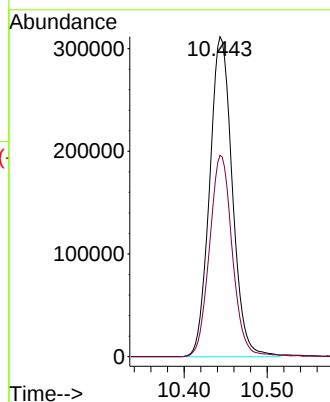
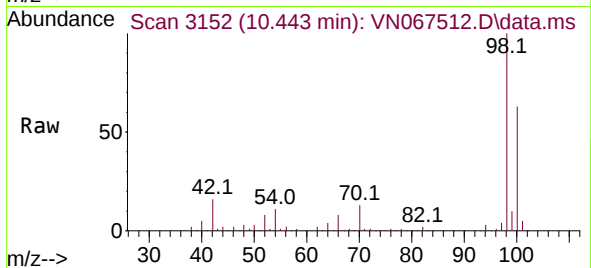




#50
Toluene-d8
Concen: 52.07 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

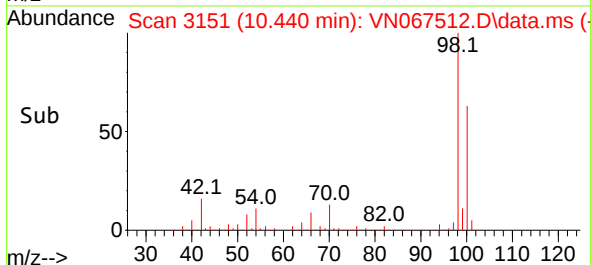
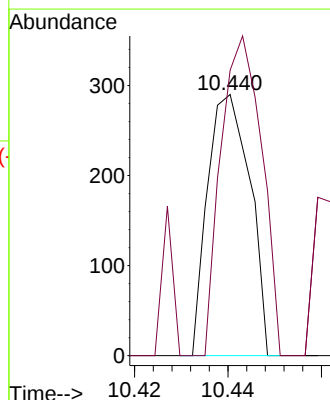
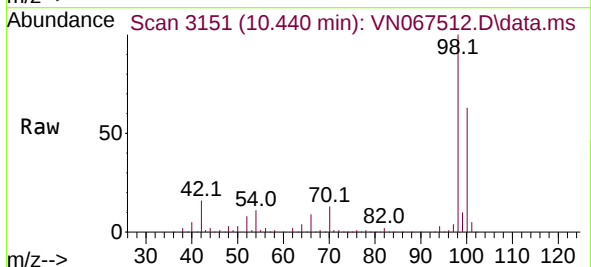
Instrument :
MSVOA_N
ClientSampled :

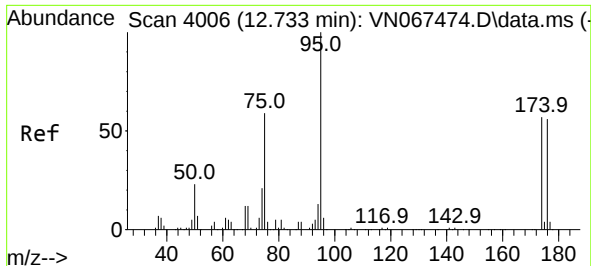
Tgt Ion: 98 Resp: 591930
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 2.03 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.282 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

Tgt Ion: 75 Resp: 183
Ion Ratio Lower Upper
75 100
77 109.3 25.1 37.7#

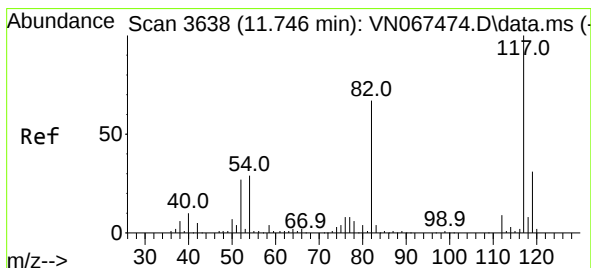
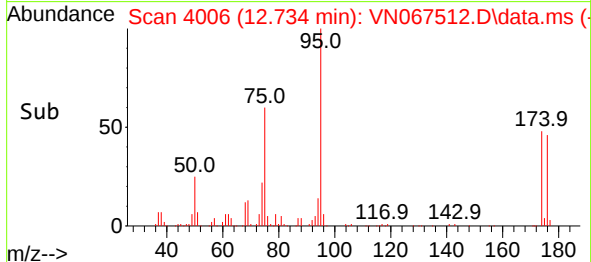
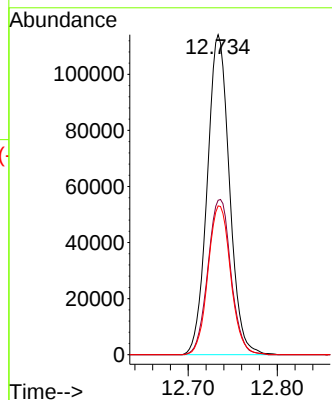
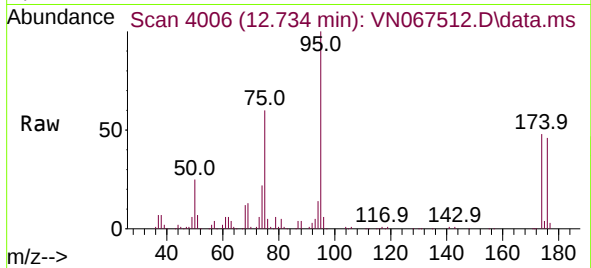




#62
4-Bromofluorobenzene
Concen: 48.79 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

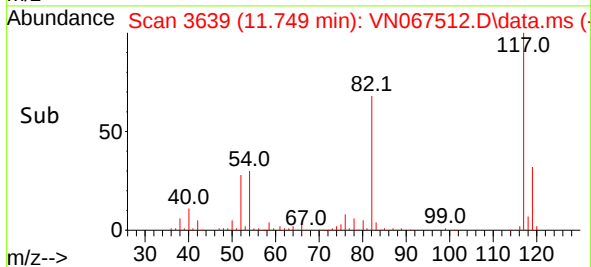
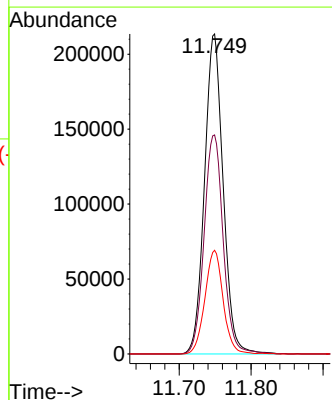
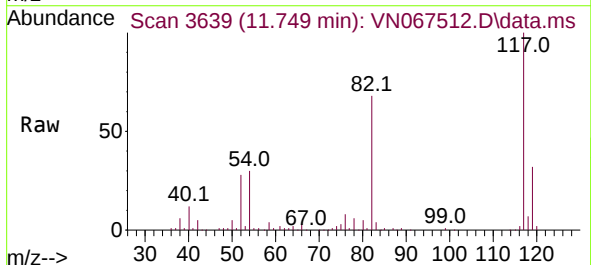
Instrument :
MSVOA_N
ClientSampleId :

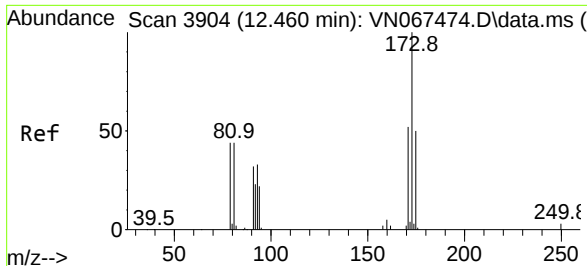
Tgt Ion: 95 Resp: 197626
Ion Ratio Lower Upper
95 100
174 50.5 0.0 122.0
176 47.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

Tgt Ion: 117 Resp: 385164
Ion Ratio Lower Upper
117 100
82 68.4 53.1 79.7
119 32.4 25.5 38.3

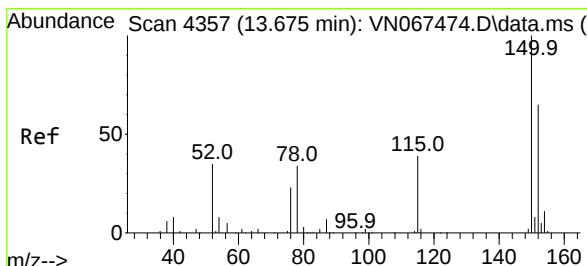
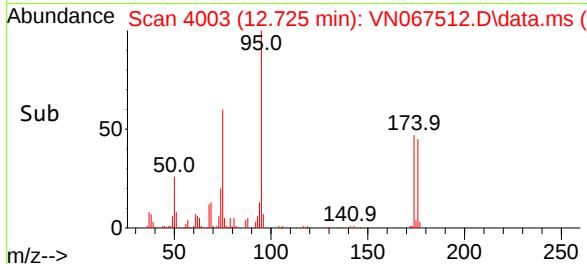
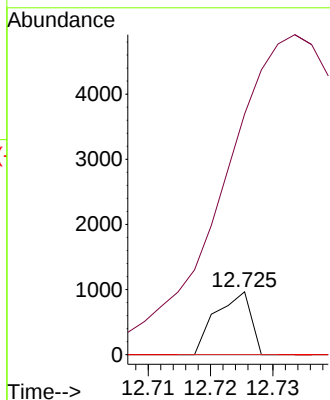
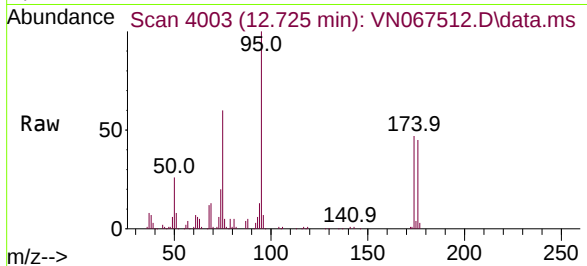




#71
Bromoform
Concen: 2.83 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. 0.265 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

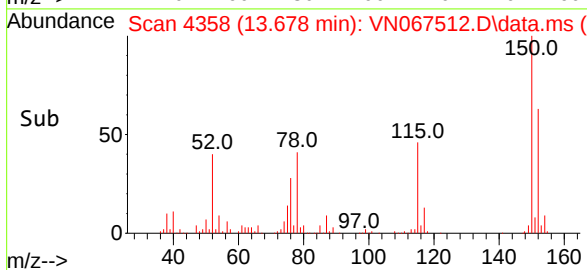
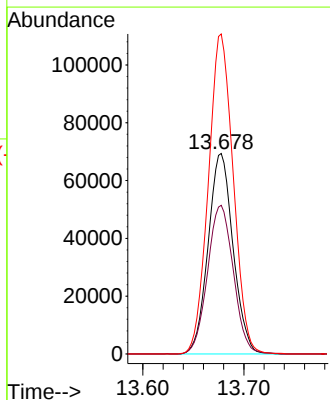
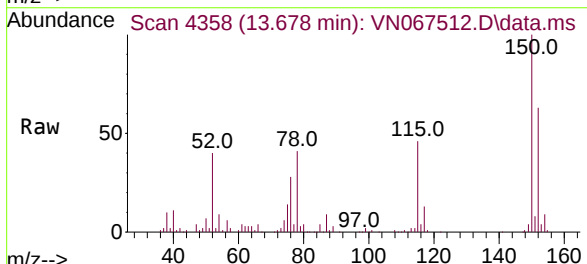
Instrument :
MSVOA_N
ClientSampleId :

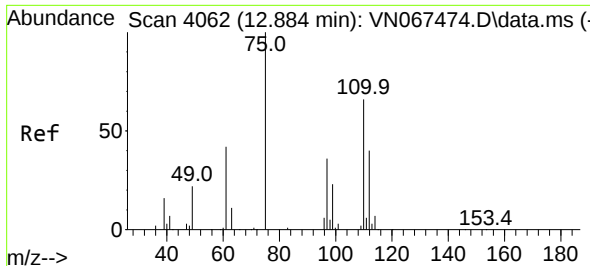
Tgt Ion:173 Resp: 377
Ion Ratio Lower Upper
173 100
175 2030.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

Tgt Ion:152 Resp: 119037
Ion Ratio Lower Upper
152 100
115 76.7 36.1 108.5
150 159.0 0.0 351.8

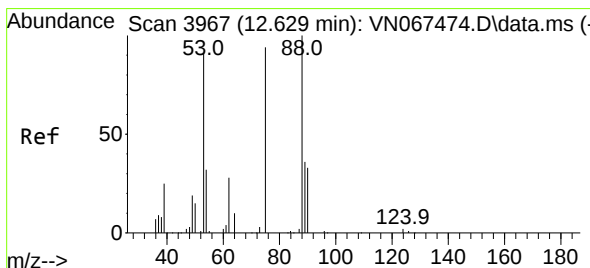
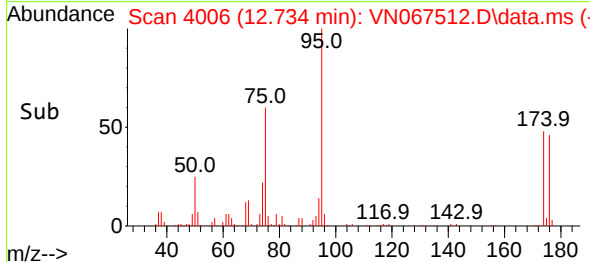
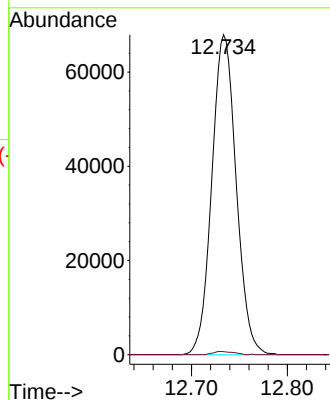
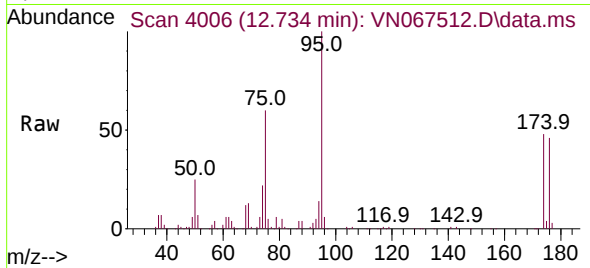




#76
1,2,3-Trichloropropane
Concen: 34.20 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

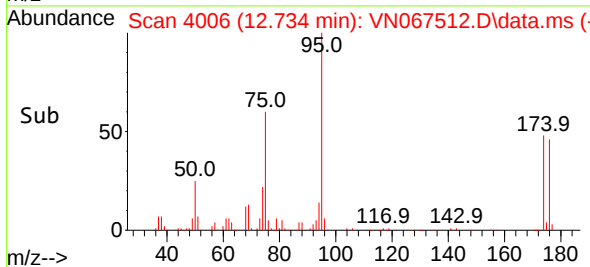
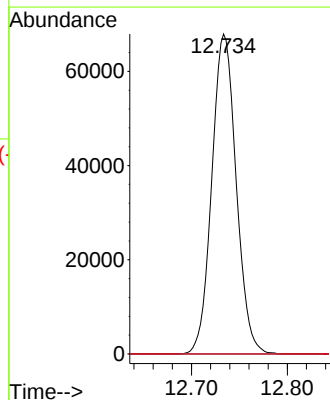
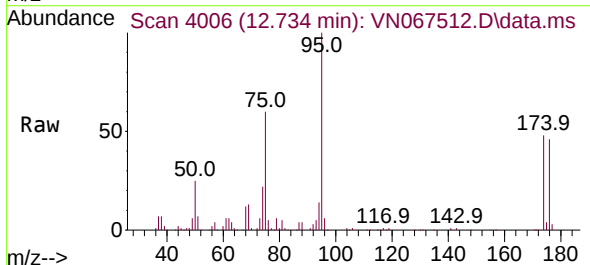
Instrument :
MSVOA_N
ClientSampleId :

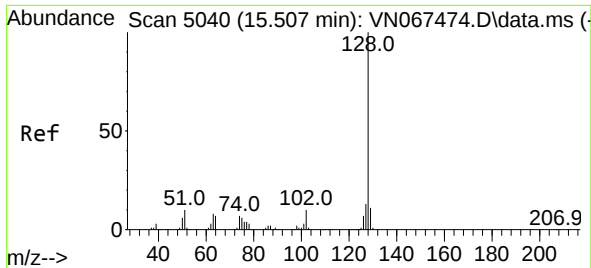
Tgt Ion: 75 Resp: 119811
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.58 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

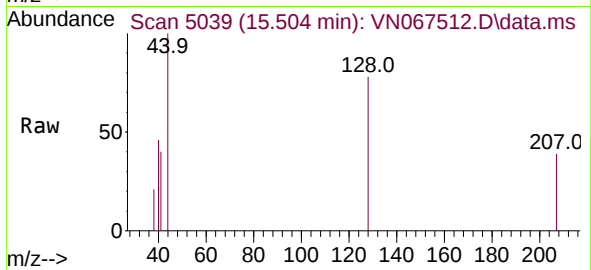
Tgt Ion: 75 Resp: 119811
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.45 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN067512.D
Acq: 25 Jun 2021 18:22

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	12.8#

