

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067513.D
 Acq On : 25 Jun 2021 18:47
 Operator : JC/MD
 Sample : M2847-05 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 00:40:12 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)

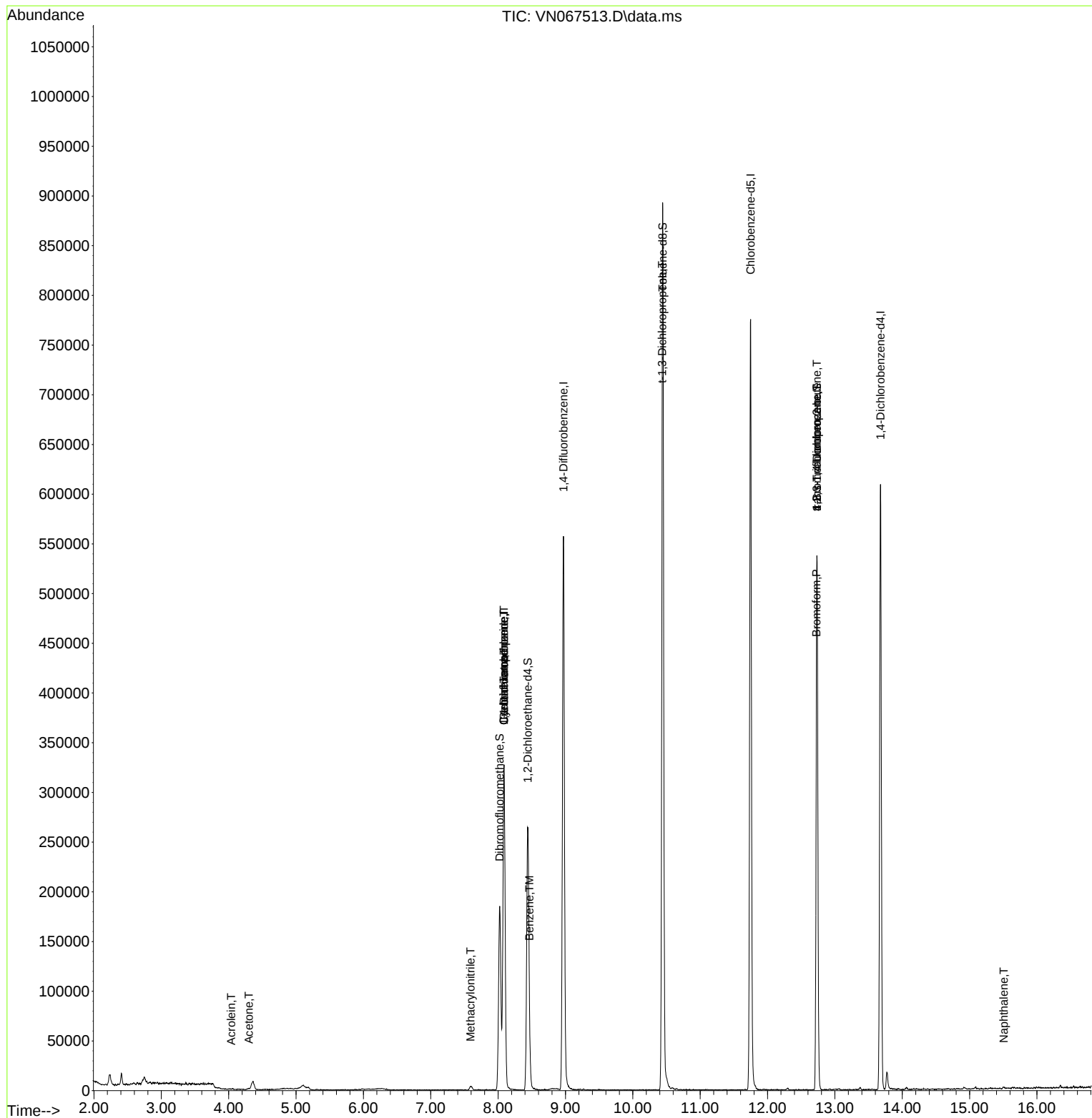
Internal Standards						
1) Pentafluorobenzene	8.088	168	185834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.970	114	425603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	385249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	124726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	216554	56.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.88%			
35) Dibromofluoromethane	8.024	113	133287	50.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.66%			
50) Toluene-d8	10.443	98	593966	53.11	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.22%			
62) 4-Bromofluorobenzene	12.733	95	199332	50.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.06%			
Target Compounds					Qvalue	
13) Acrolein	4.038	56	159	0.30	ug/l #	14
16) Acetone	4.298	43	566	0.39	ug/l #	50
31) Cyclohexane	8.085	56	8346	1.37	ug/l #	11
36) 1,1-Dichloropropene	8.085	75	26642	5.56	ug/l #	46
38) Carbon Tetrachloride	8.085	117	27530	6.74	ug/l #	15
40) Benzene	8.464	78	23068	1.64	ug/l	95
41) Methacrylonitrile	7.592	41	2689	1.05	ug/l #	24
53) t-1,3-Dichloropropene	10.435	75	89	2.02	ug/l #	76
71) Bromoform	12.725	173	884	3.06	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	123506	33.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	123506	92.06	ug/l #	6
95) Naphthalene	15.506	128	1470	3.53	ug/l #	83

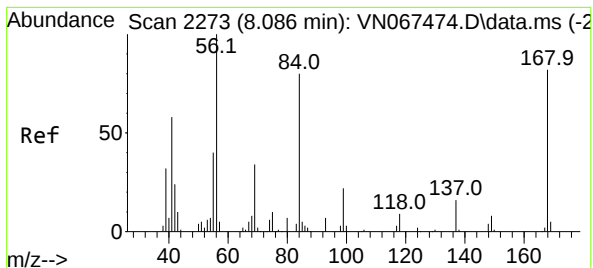
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



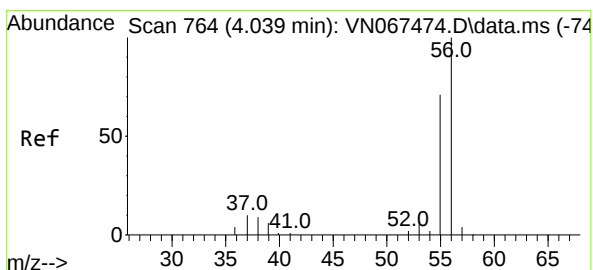
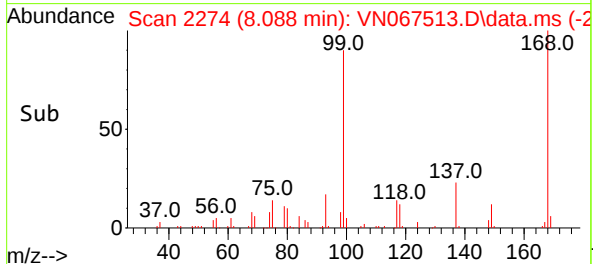
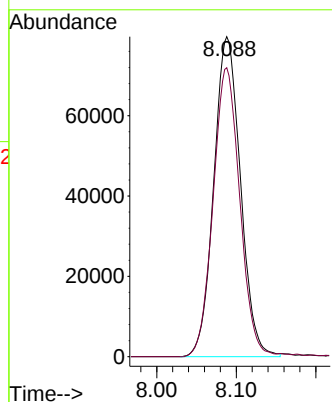
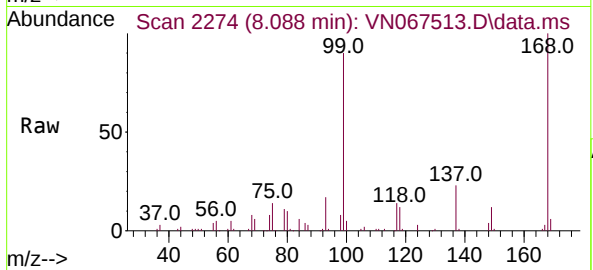


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. 0.002 min
 Lab File: VN067513.D
 Acq: 25 Jun 2021 18:47

Instrument :
 MSVOA_N
 ClientSampled :

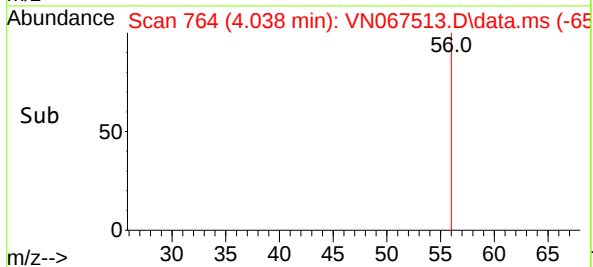
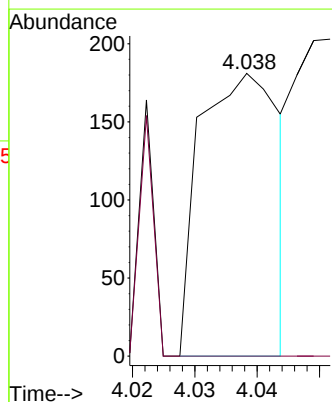
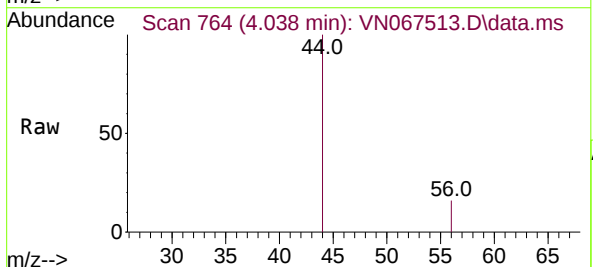
Tgt Ion:168 Resp: 185834
 Ion Ratio Lower Upper
 168 100
 99 90.3 62.9 94.3

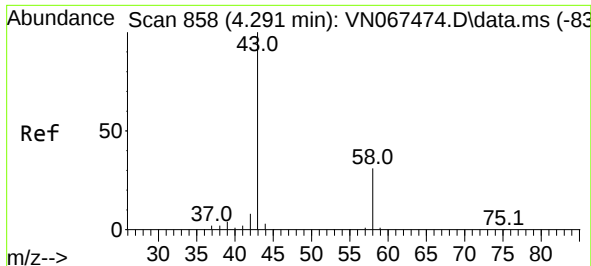


#13

Acrolein
 Concen: 0.30 ug/l
 RT: 4.038 min Scan# 764
 Delta R.T. -0.001 min
 Lab File: VN067513.D
 Acq: 25 Jun 2021 18:47

Tgt Ion: 56 Resp: 159
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.4 86.0#

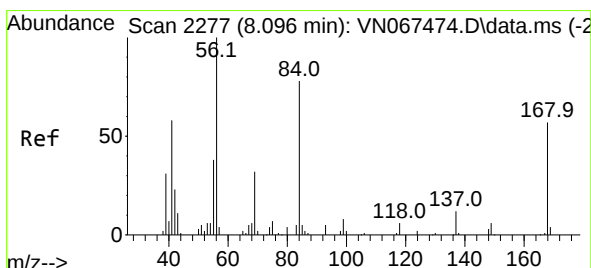
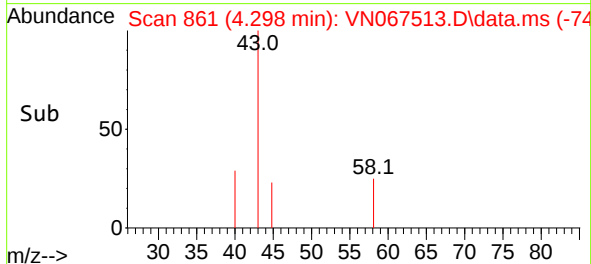
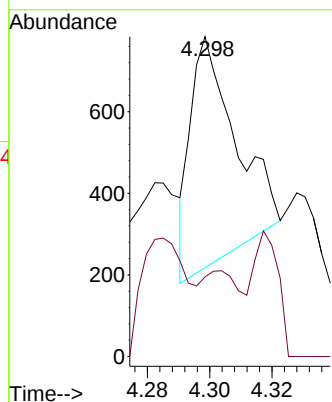
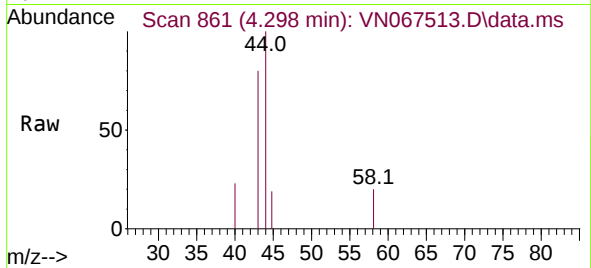




#16
Acetone
Concen: 0.39 ug/l
RT: 4.298 min Scan# 861
Delta R.T. 0.007 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

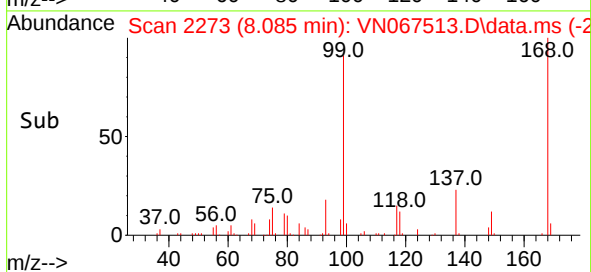
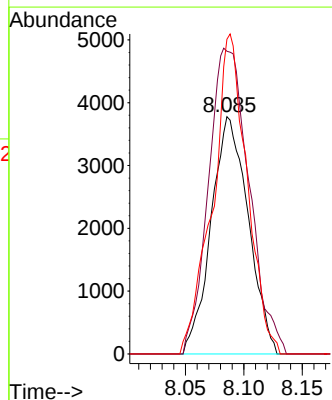
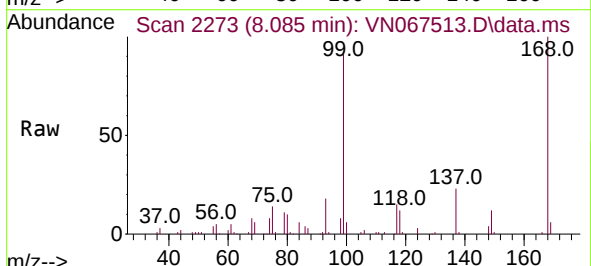
Instrument :
MSVOA_N
ClientSampleId :

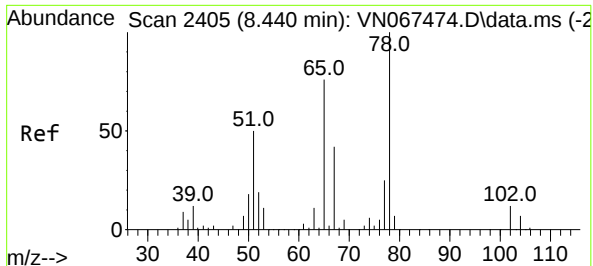
Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
58 0.7 21.2 31.8#



#31
Cyclohexane
Concen: 1.37 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.011 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 56 Resp: 8346
Ion Ratio Lower Upper
56 100
69 127.6 27.3 40.9#
84 132.7 64.9 97.3#

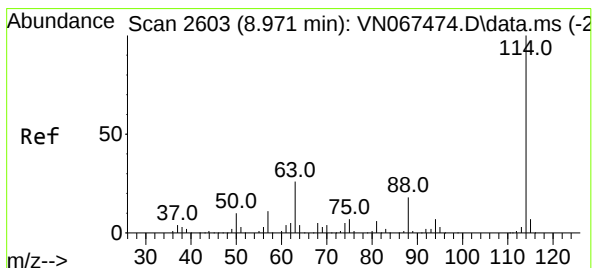
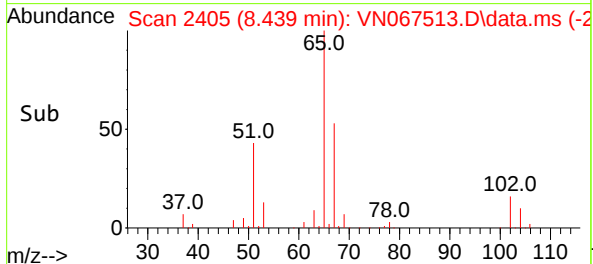
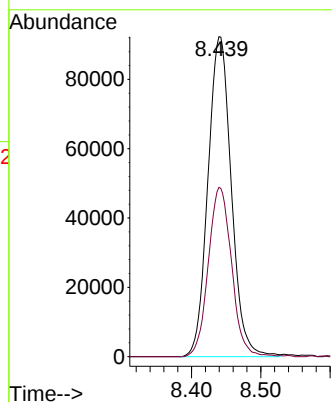
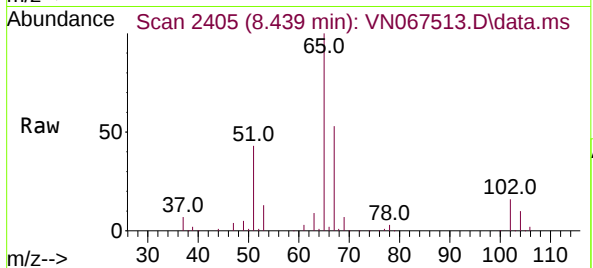




#33
 1,2-Dichloroethane-d4
 Concen: 56.94 ug/l
 RT: 8.439 min Scan# 2405
 Delta R.T. -0.001 min
 Lab File: VN067513.D
 Acq: 25 Jun 2021 18:47

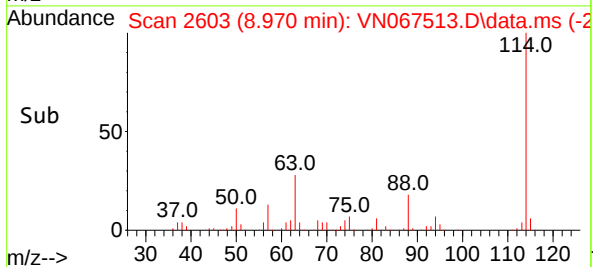
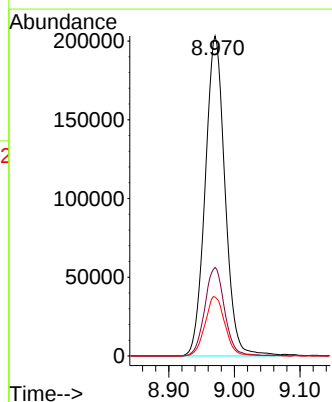
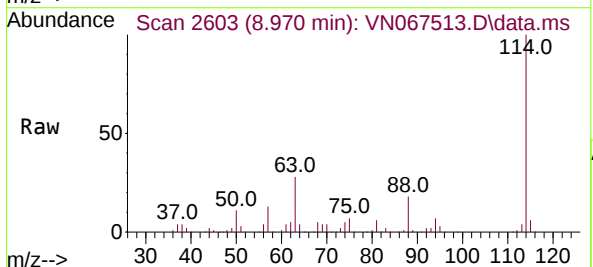
Instrument :
 MSVOA_N
 ClientSampled :

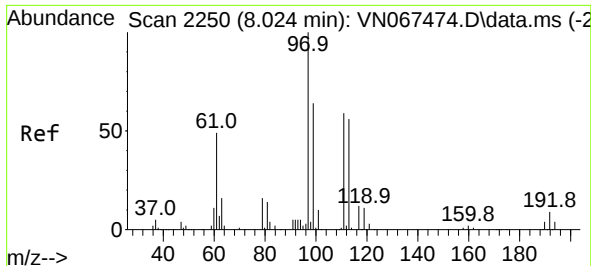
Tgt Ion: 65 Resp: 216554
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.970 min Scan# 2603
 Delta R.T. -0.001 min
 Lab File: VN067513.D
 Acq: 25 Jun 2021 18:47

Tgt Ion: 114 Resp: 425603
 Ion Ratio Lower Upper
 114 100
 63 27.7 0.0 49.0
 88 18.4 0.0 36.6

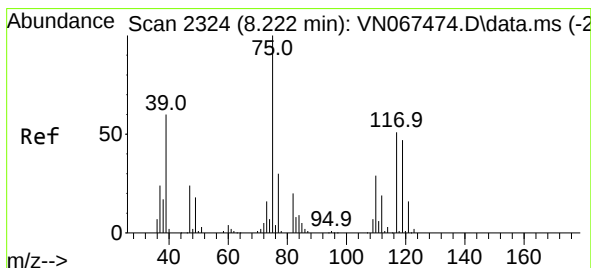
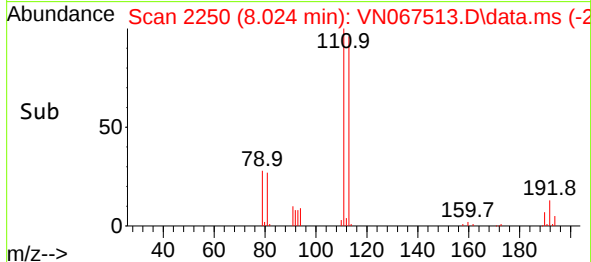
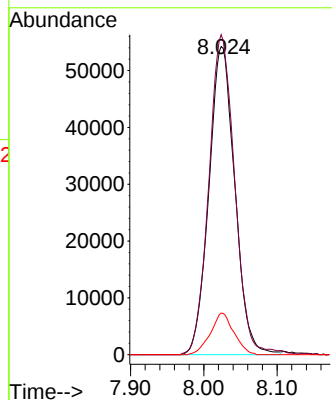
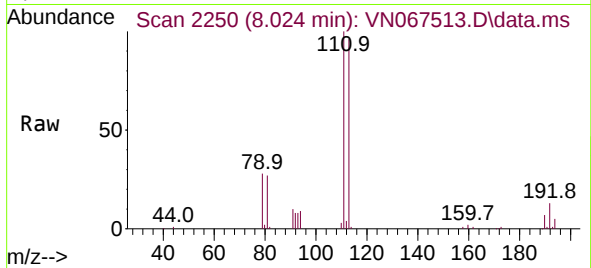




#35
Dibromofluoromethane
Concen: 50.83 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

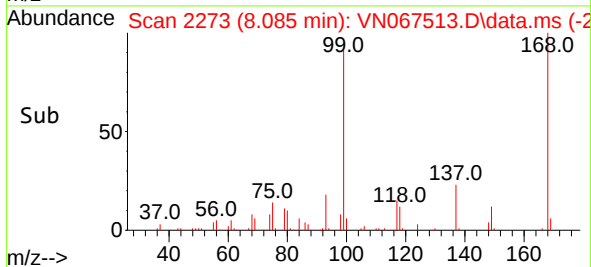
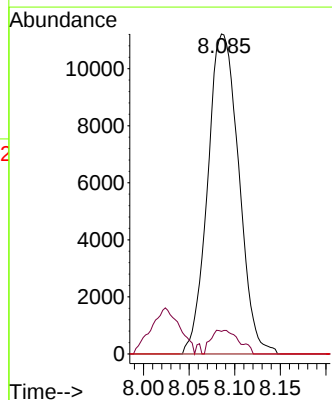
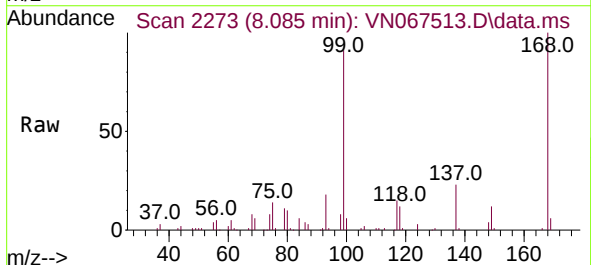
Instrument :
MSVOA_N
ClientSampled :

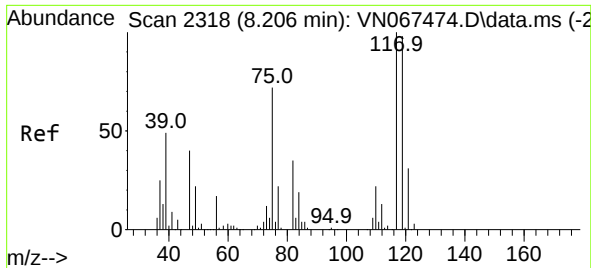
Tgt Ion:113 Resp: 133287
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.8
192 12.3 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 5.56 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

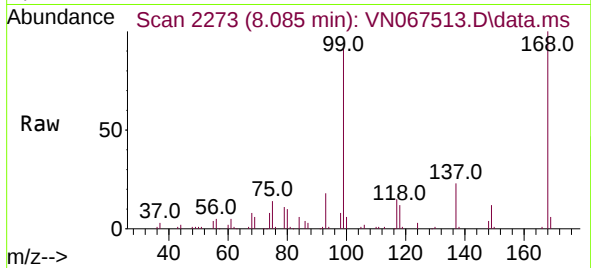
Tgt Ion: 75 Resp: 26642
Ion Ratio Lower Upper
75 100
110 2.8 15.7 47.0#
77 0.0 24.6 37.0#



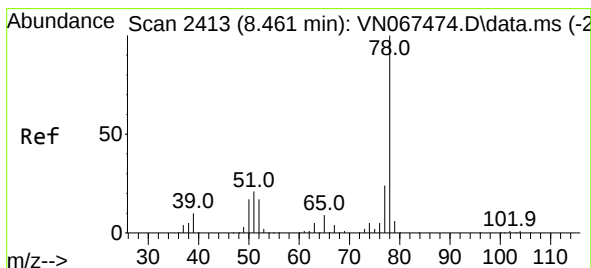
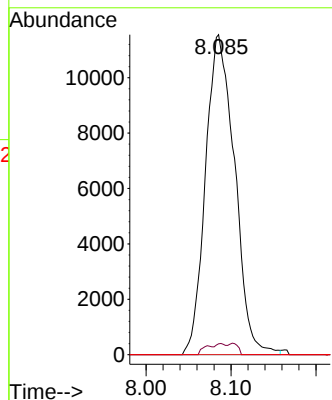
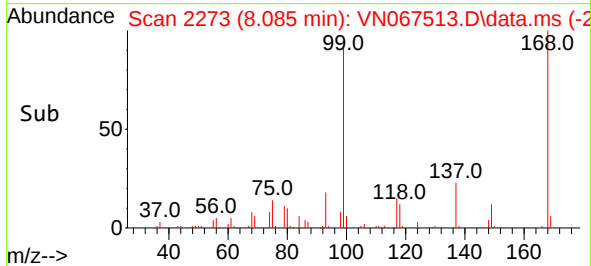


#38
Carbon Tetrachloride
Concen: 6.74 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

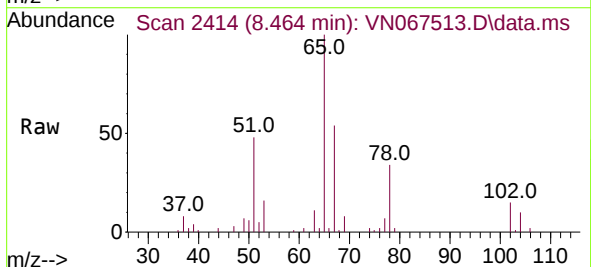
Instrument :
MSVOA_N
ClientSampled :



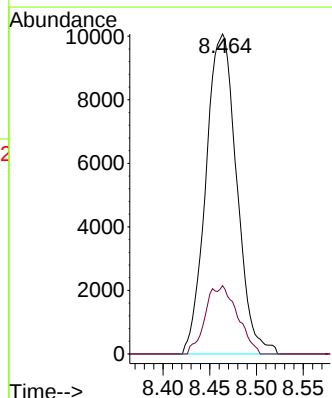
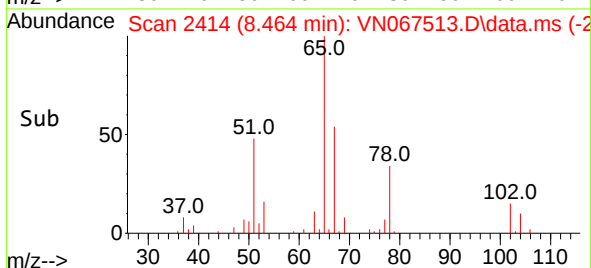
Tgt Ion:117 Resp: 27530
Ion Ratio Lower Upper
117 100
119 3.4 75.4 113.2#
121 0.0 23.5 35.3#

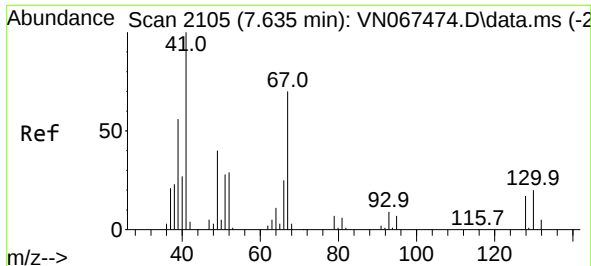


#40
Benzene
Concen: 1.64 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47



Tgt Ion: 78 Resp: 23068
Ion Ratio Lower Upper
78 100
77 21.3 18.9 28.3

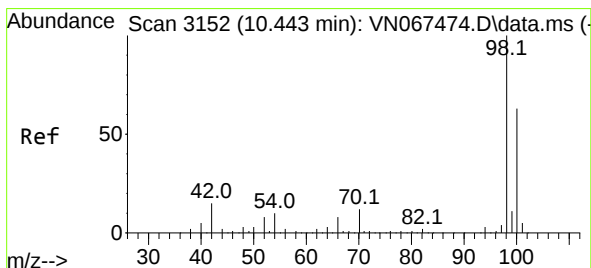
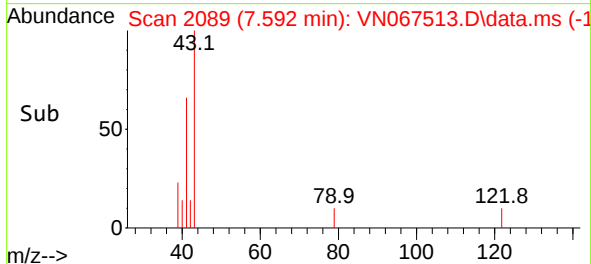
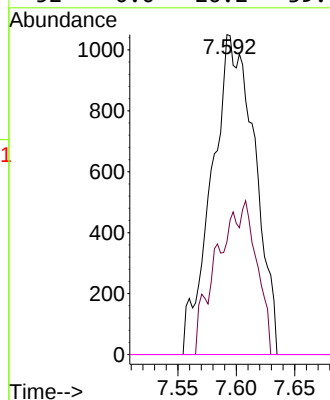
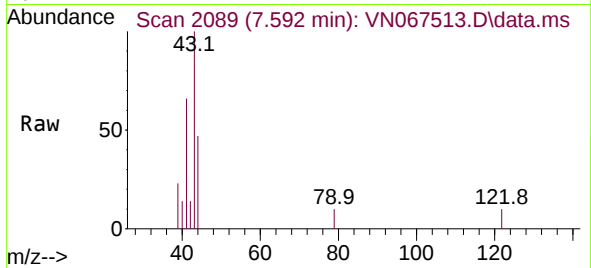




#41
Methacrylonitrile
Concen: 1.05 ug/l
RT: 7.592 min Scan# 2089
Delta R.T. -0.043 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

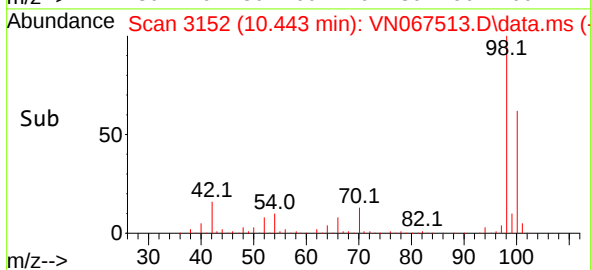
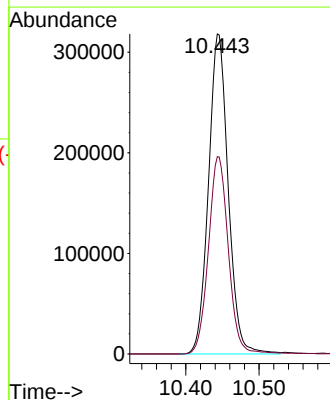
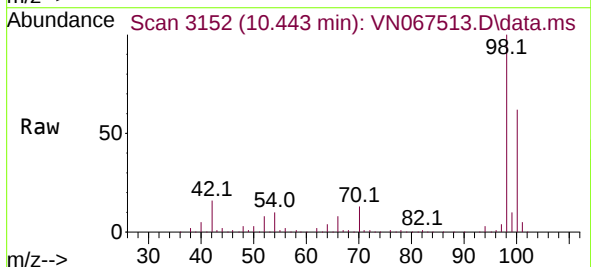
Instrument :
MSVOA_N
ClientSampleId :

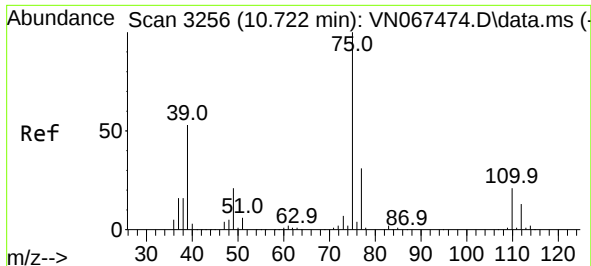
Tgt Ion: 41	Resp: 2689
Ion Ratio	Lower Upper
41 100	
39 3.6	47.6 71.4#
67 0.0	57.7 86.5#
52 0.0	26.2 39.4#



#50
Toluene-d8
Concen: 53.11 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 98	Resp: 593966
Ion Ratio	Lower Upper
98 100	
100 62.3	51.7 77.5

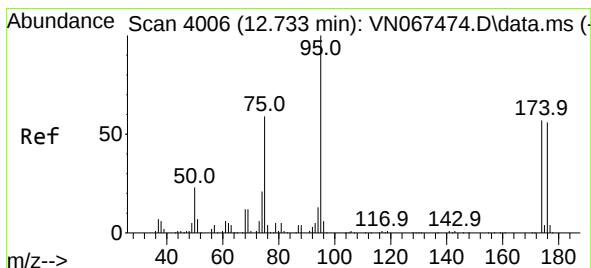
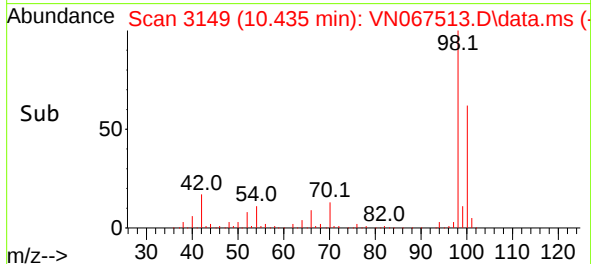
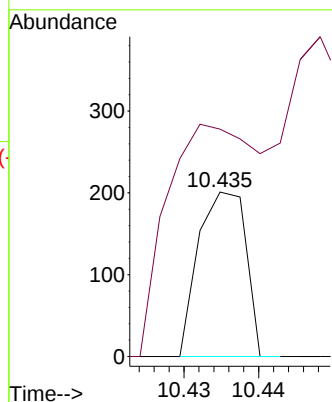
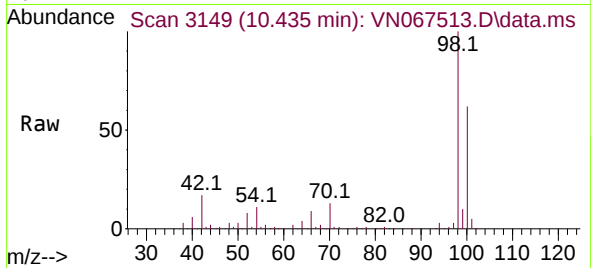




#53
t-1,3-Dichloropropene
Concen: 2.02 ug/l
RT: 10.435 min Scan# 3149
Delta R.T. -0.287 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

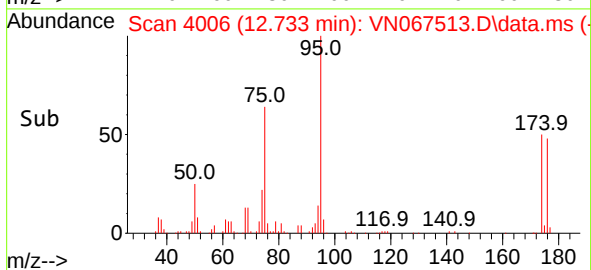
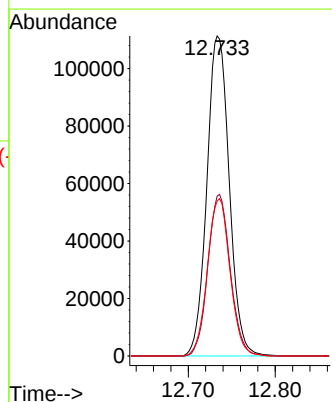
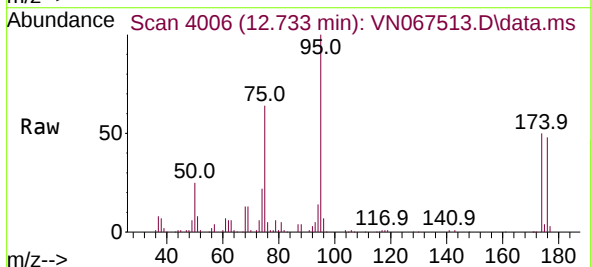
Instrument :
MSVOA_N
ClientSampleId :

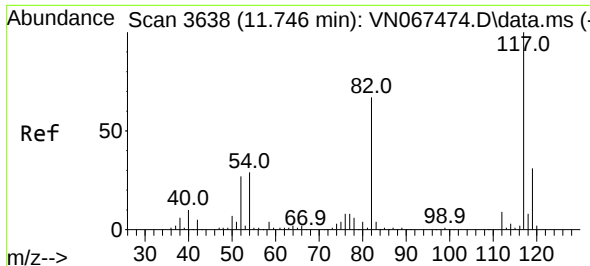
Tgt Ion: 75 Resp: 89
Ion Ratio Lower Upper
75 100
77 17.9 25.1 37.7#



#62
4-Bromofluorobenzene
Concen: 50.03 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 95 Resp: 199332
Ion Ratio Lower Upper
95 100
174 50.4 0.0 122.0
176 49.7 0.0 117.6

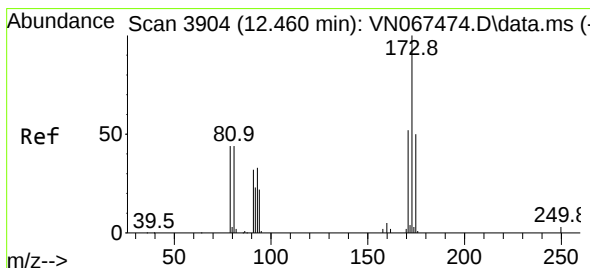
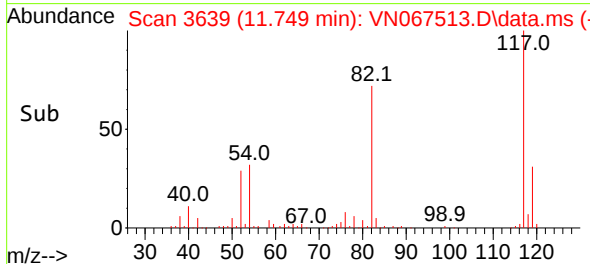
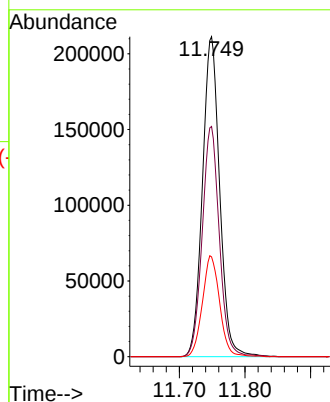
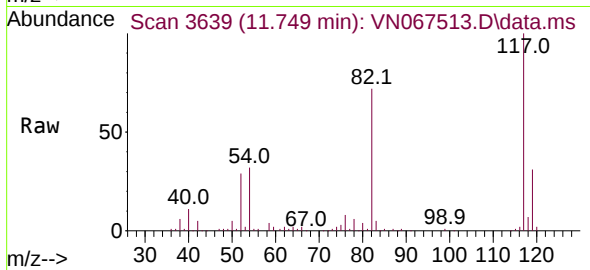




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

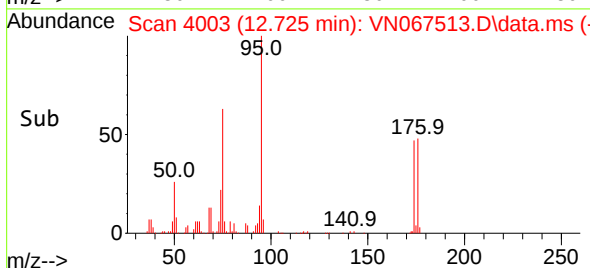
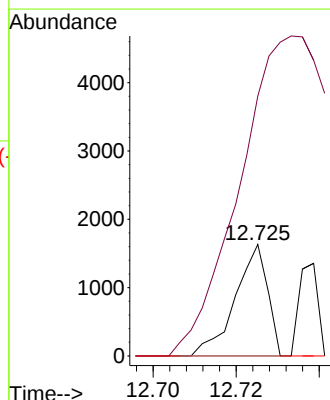
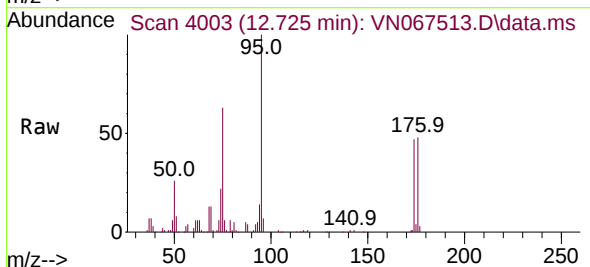
Instrument :
MSVOA_N
ClientSampleId :

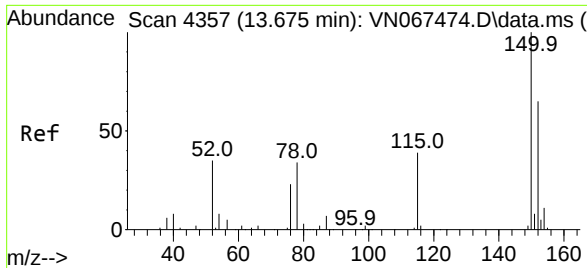
Tgt Ion:117 Resp: 385249
Ion Ratio Lower Upper
117 100
82 72.0 53.1 79.7
119 31.2 25.5 38.3



#71
Bromoform
Concen: 3.06 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. 0.265 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion:173 Resp: 884
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0

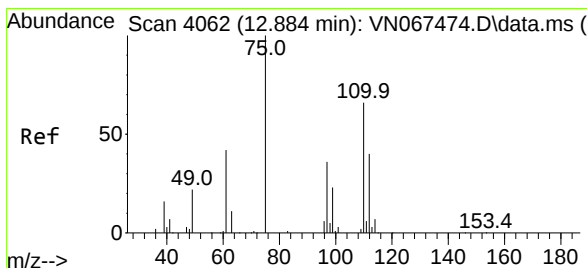
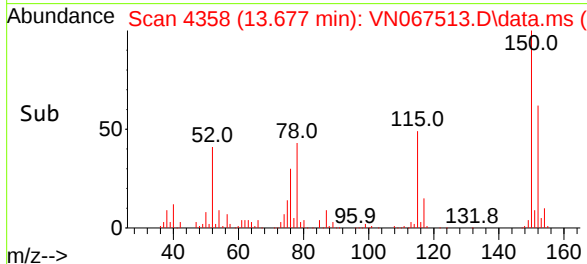
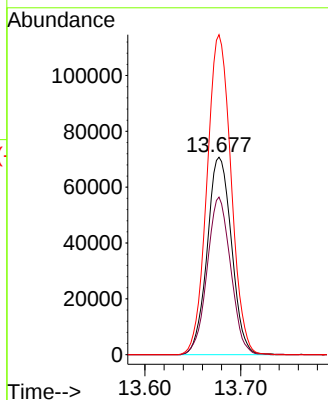
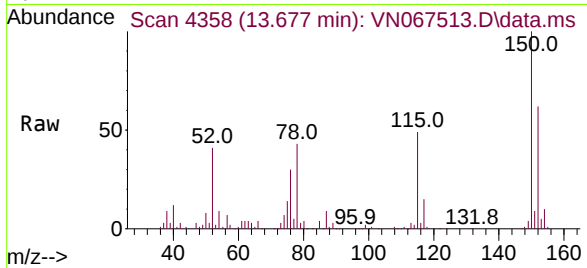




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

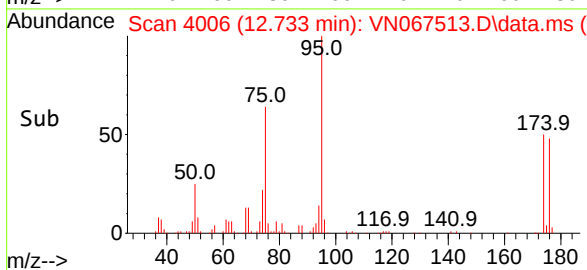
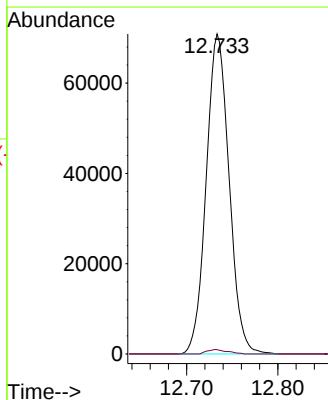
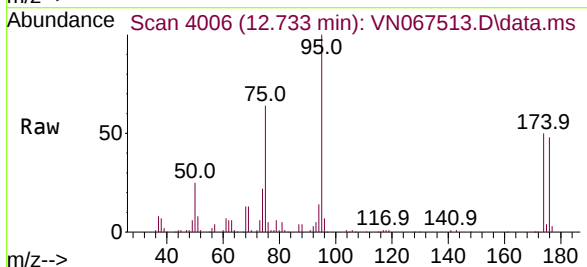
Instrument :
MSVOA_N
ClientSampleId :

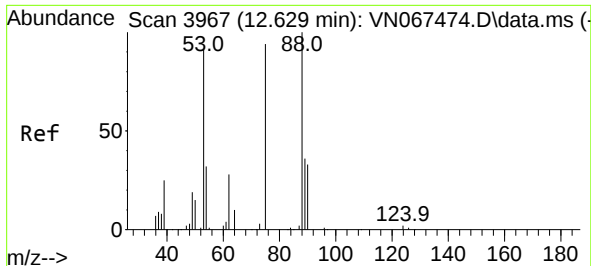
Tgt Ion:152 Resp: 124726
Ion Ratio Lower Upper
152 100
115 77.2 36.1 108.5
150 160.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 33.64 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 75 Resp: 123506
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

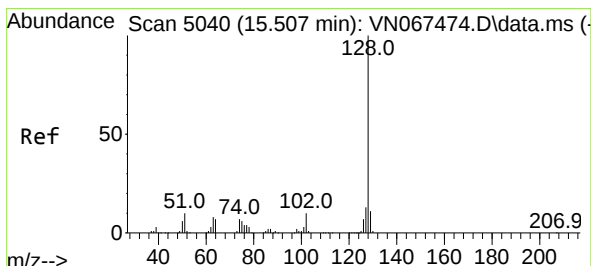
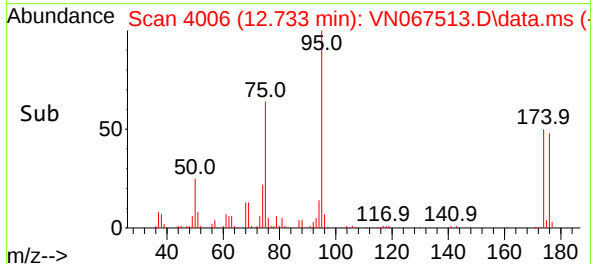
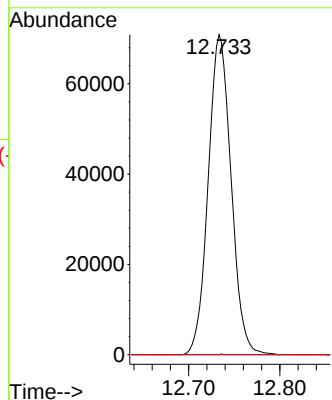
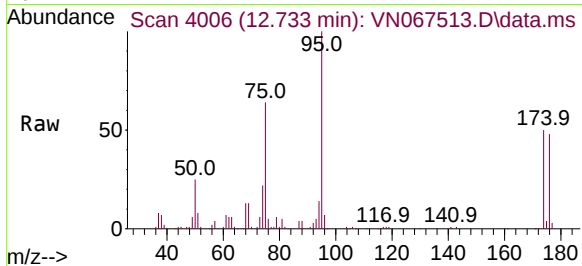




#81
trans-1,4-Dichloro-2-butene
Concen: 92.06 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 123506
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 3.53 ug/l
RT: 15.506 min Scan# 5040
Delta R.T. -0.001 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion:128 Resp: 1470
Ion Ratio Lower Upper
128 100
127 7.1 10.6 15.8#
129 3.4 8.6 12.8#

