

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067514.D
 Acq On : 25 Jun 2021 19:11
 Operator : JC/MD
 Sample : M2847-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 00:40:25 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)

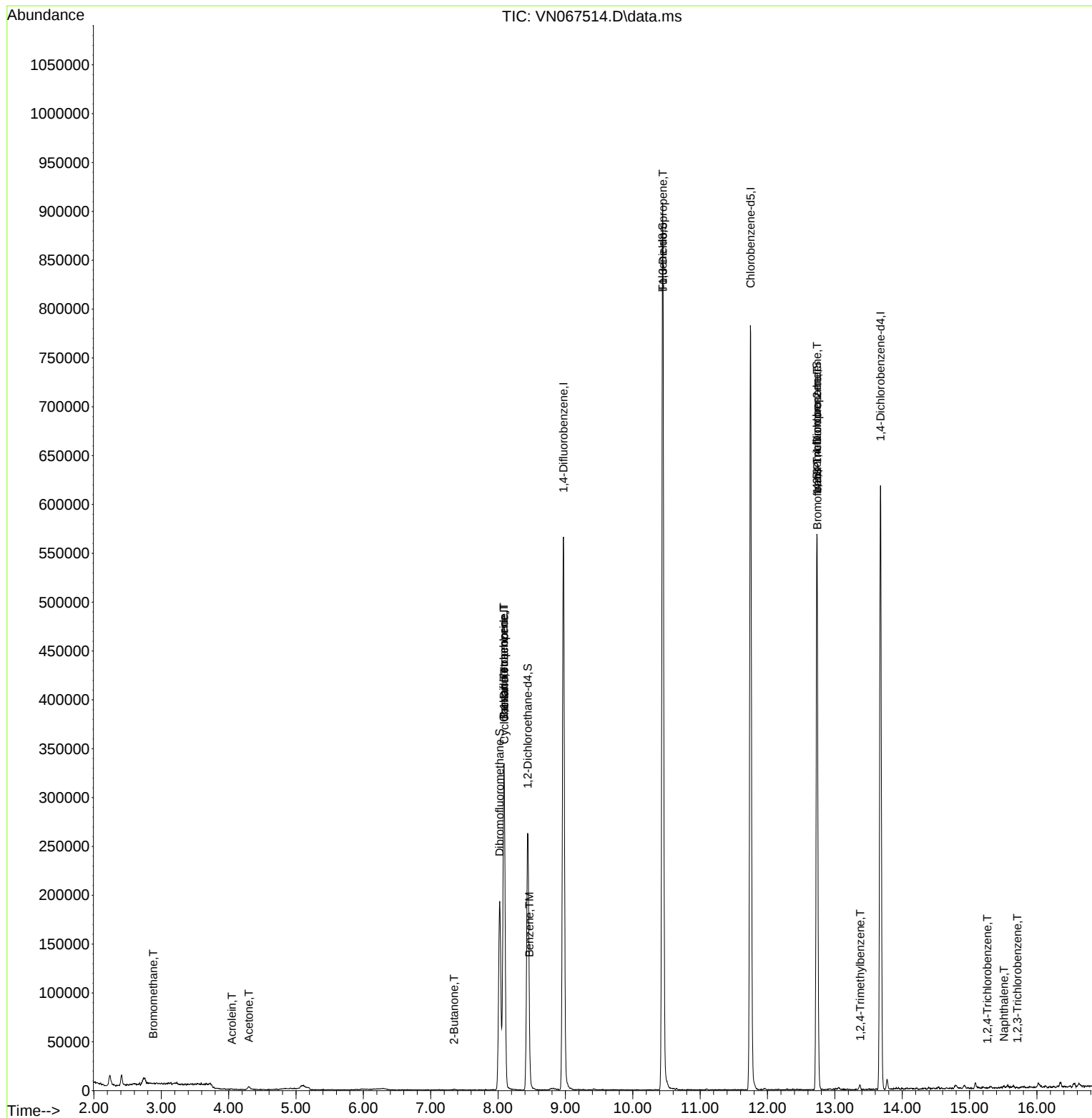
Internal Standards						
1) Pentafluorobenzene	8.088	168	193376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	437440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	394531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	129215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	222144	56.13	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 112.26%		
35) Dibromofluoromethane	8.024	113	137280	50.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 101.88%		
50) Toluene-d8	10.443	98	607599	52.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 105.72%		
62) 4-Bromofluorobenzene	12.734	95	207455	50.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 101.32%		
Target Compounds						
						Qvalue
5) Bromomethane	2.880	94	375	0.21	ug/l #	69
13) Acrolein	4.049	56	359	0.65	ug/l #	51
16) Acetone	4.299	43	5646	3.73	ug/l #	88
25) 2-Butanone	7.348	43	770	0.33	ug/l #	51
31) Cyclohexane	8.094	56	8255	1.30	ug/l #	19
36) 1,1-Dichloropropene	8.088	75	27529	5.59	ug/l #	45
38) Carbon Tetrachloride	8.086	117	27610	6.58	ug/l #	15
40) Benzene	8.464	78	6884	0.48	ug/l	95
53) t-1,3-Dichloropropene	10.446	75	187	2.03	ug/l #	34
71) Bromoform	12.739	173	1916	3.51	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	125150	32.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	125150	90.05	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.377	105	3001	0.28	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	90	2.37	ug/l #	1
95) Naphthalene	15.509	128	2223	3.62	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.708	180	27	2.54	ug/l #	12

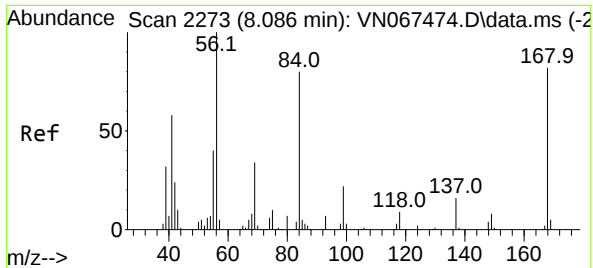
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 26 00:40:25 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

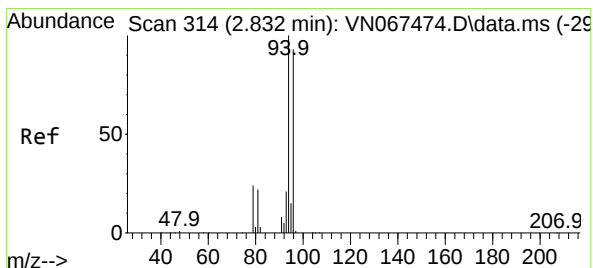
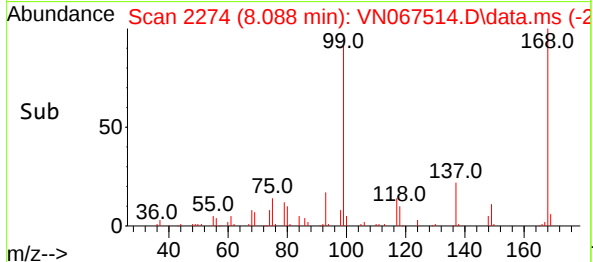
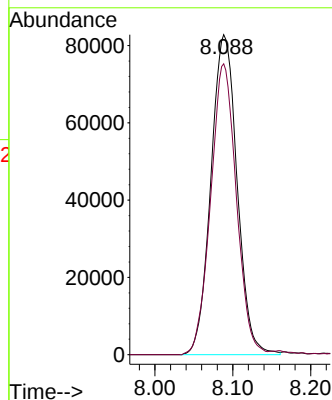
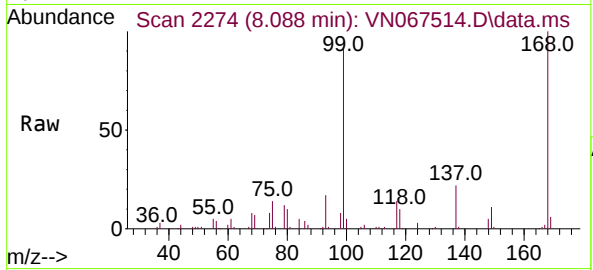




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

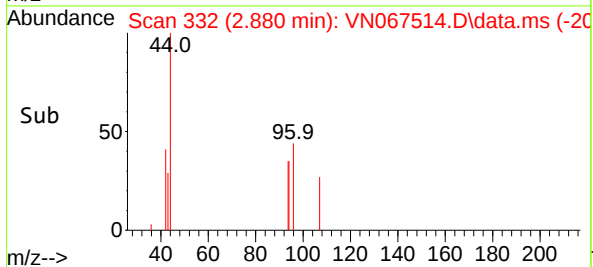
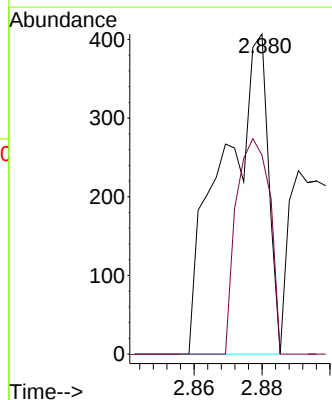
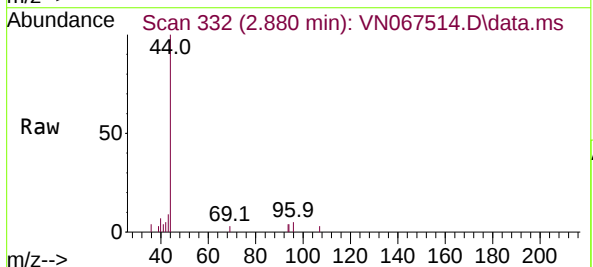
Instrument :
MSVOA_N
ClientSampleId :

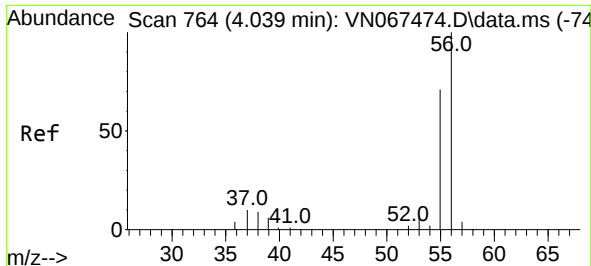
Tgt Ion:168 Resp: 193376
Ion Ratio Lower Upper
168 100
99 90.9 62.9 94.3



#5
Bromomethane
Concen: 0.21 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.048 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 94 Resp: 375
Ion Ratio Lower Upper
94 100
96 62.2 73.7 110.5#

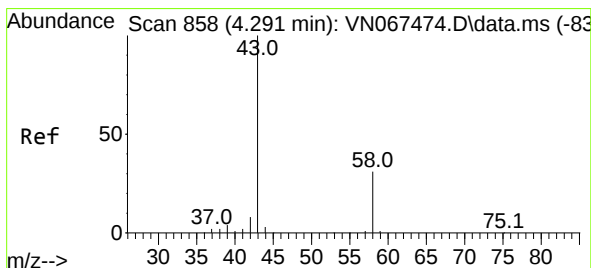
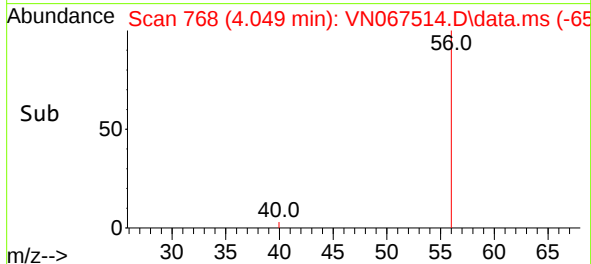
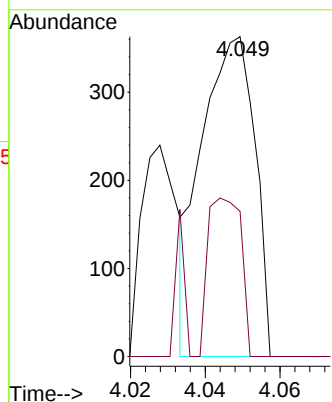
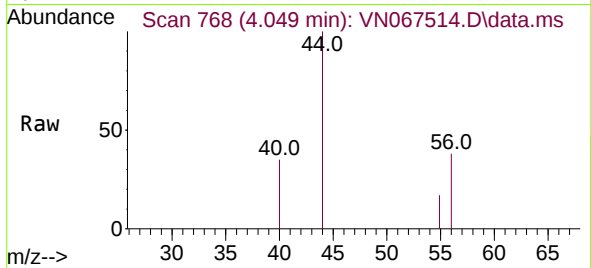




#13
Acrolein
Concen: 0.65 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.010 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

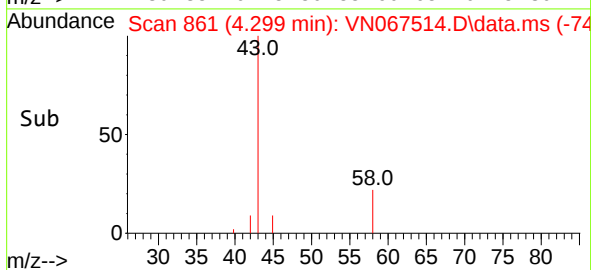
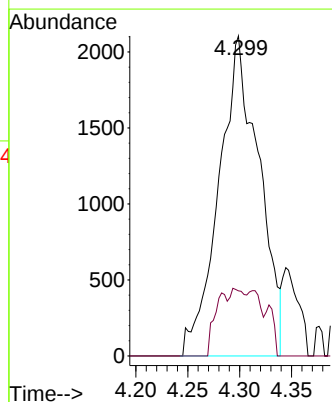
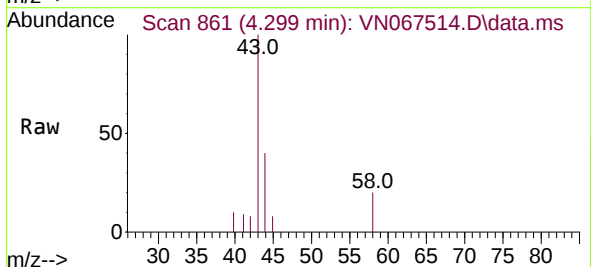
Instrument :
MSVOA_N
ClientSampled :

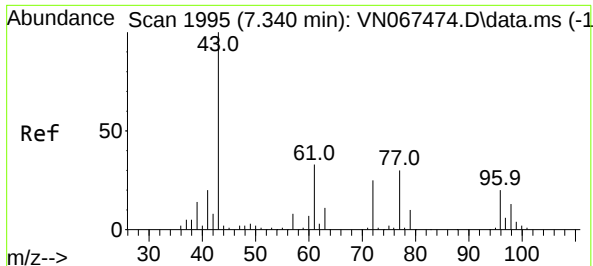
Tgt Ion: 56 Resp: 359
Ion Ratio Lower Upper
56 100
55 30.9 57.4 86.0#



#16
Acetone
Concen: 3.73 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 43 Resp: 5646
Ion Ratio Lower Upper
43 100
58 20.3 21.2 31.8#

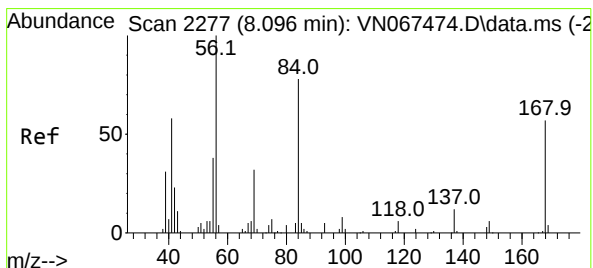
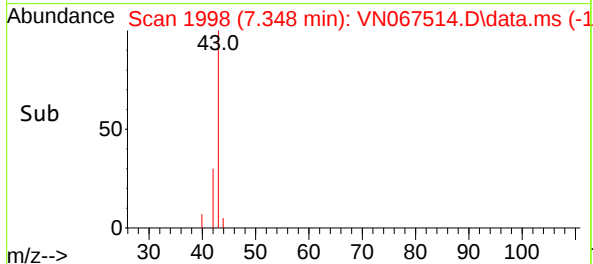
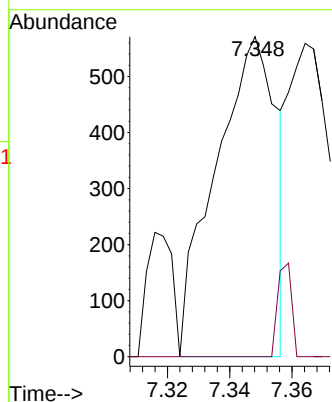
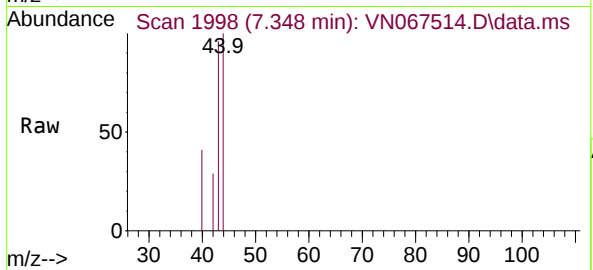




#25
2-Butanone
Concen: 0.33 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.008 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

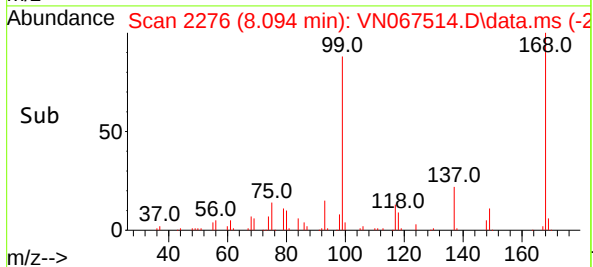
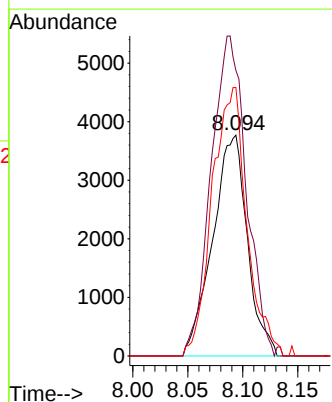
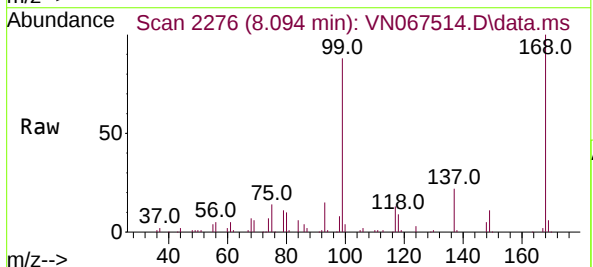
Instrument :
MSVOA_N
ClientSampleId :

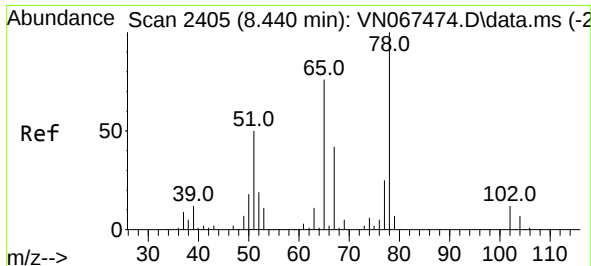
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#31
Cyclohexane
Concen: 1.30 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.002 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 56 Resp: 8255
Ion Ratio Lower Upper
56 100
69 129.4 27.3 40.9#
84 121.6 64.9 97.3#

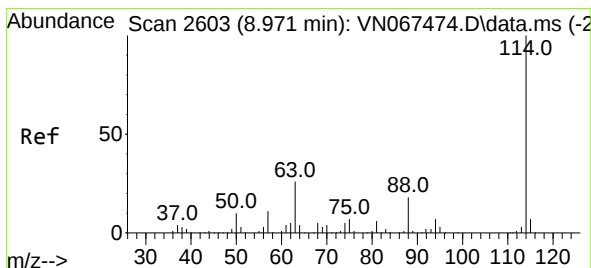
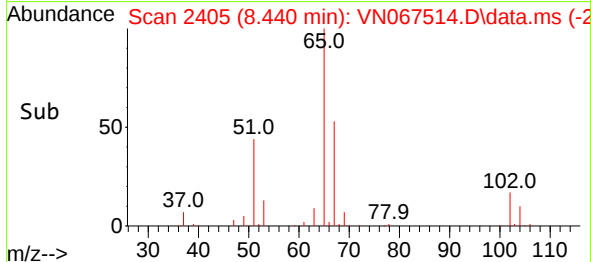
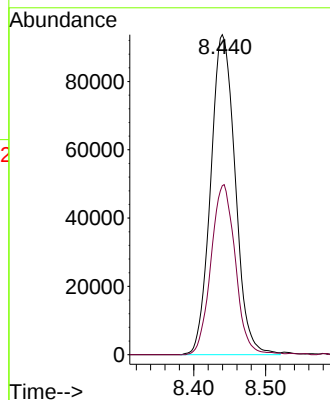
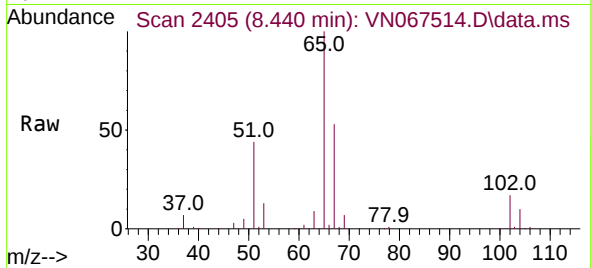




#33
 1,2-Dichloroethane-d4
 Concen: 56.13 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067514.D
 Acq: 25 Jun 2021 19:11

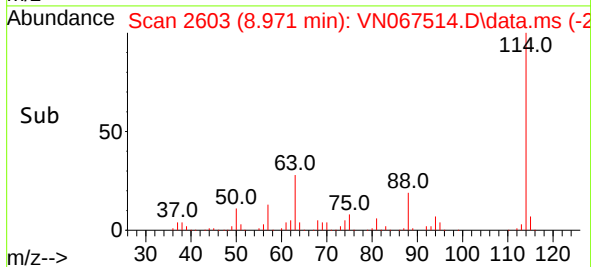
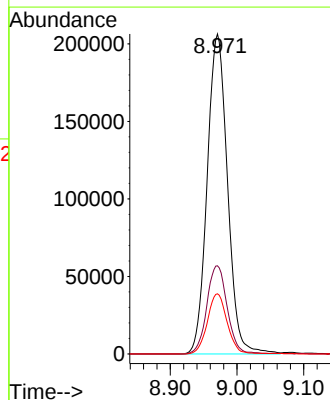
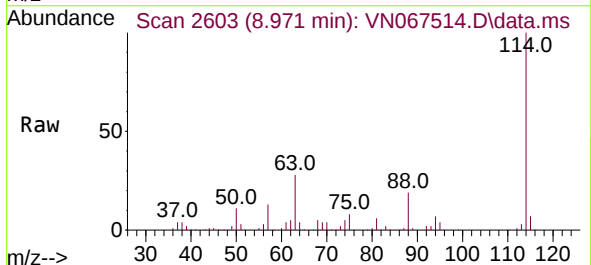
Instrument :
 MSVOA_N
 ClientSampled :

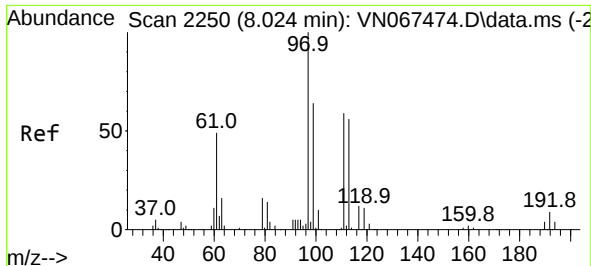
Tgt Ion: 65 Resp: 222144
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN067514.D
 Acq: 25 Jun 2021 19:11

Tgt Ion: 114 Resp: 437440
 Ion Ratio Lower Upper
 114 100
 63 27.6 0.0 49.0
 88 18.8 0.0 36.6

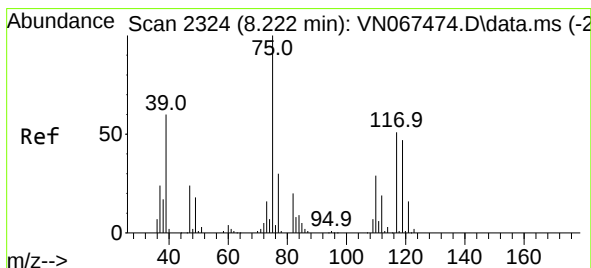
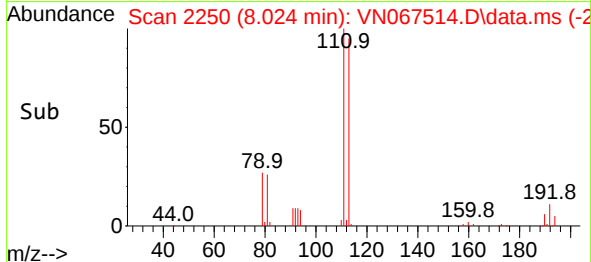
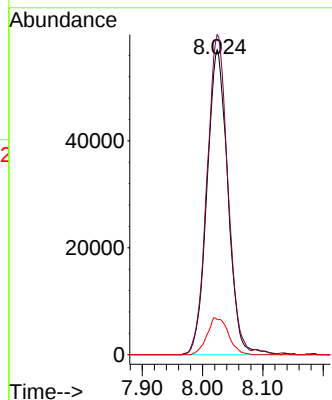
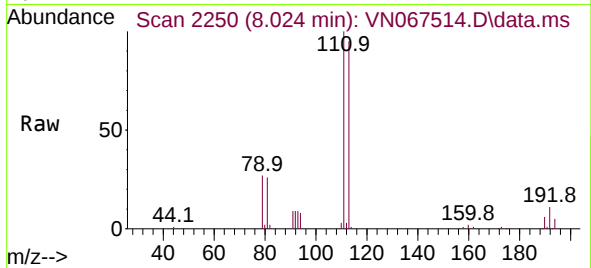




#35
Dibromofluoromethane
Concen: 50.94 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

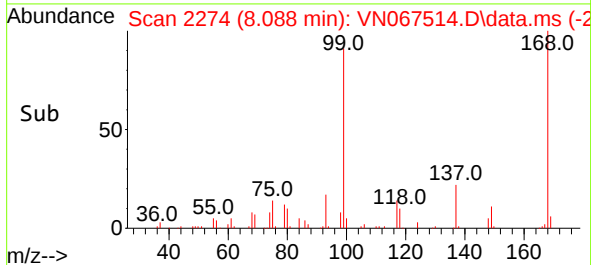
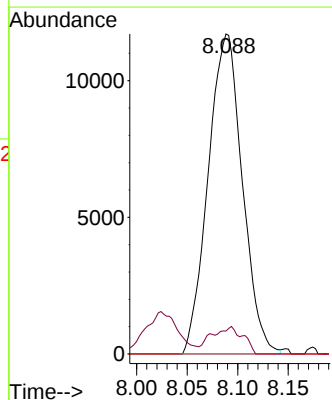
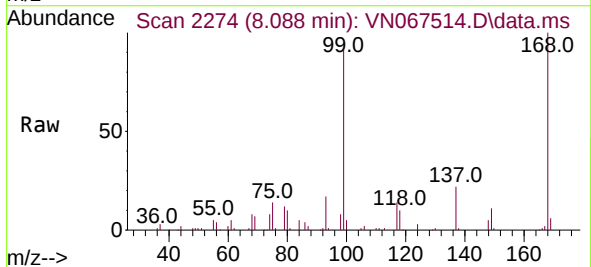
Instrument :
MSVOA_N
ClientSampled :

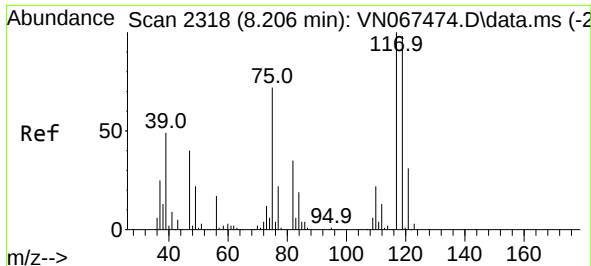
Tgt Ion:113 Resp: 137280
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.8
192 12.4 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 5.59 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

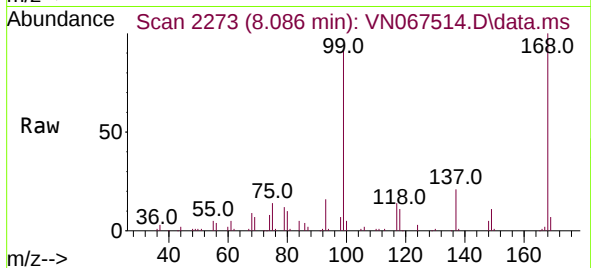
Tgt Ion: 75 Resp: 27529
Ion Ratio Lower Upper
75 100
110 1.2 15.7 47.0#
77 0.0 24.6 37.0#



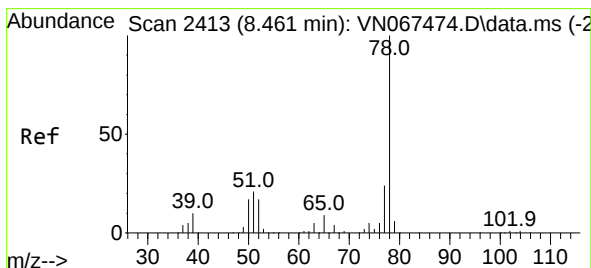
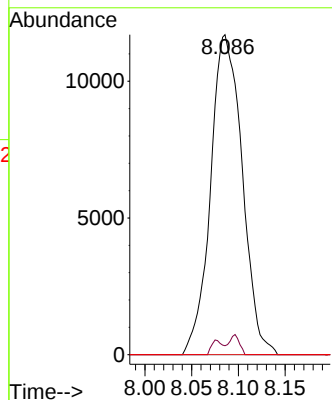
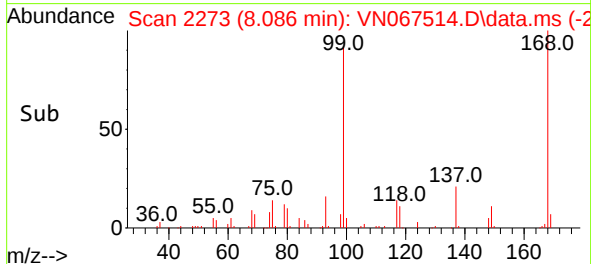


#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

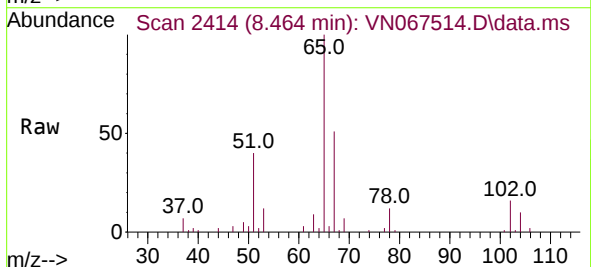
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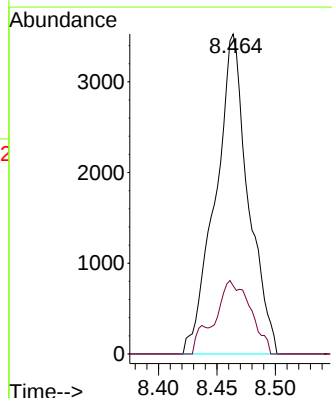
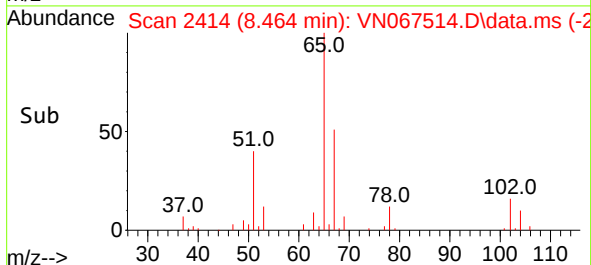
Tgt Ion:117 Resp: 27610
Ion Ratio Lower Upper
117 100
119 2.8 75.4 113.2#
121 0.0 23.5 35.3#

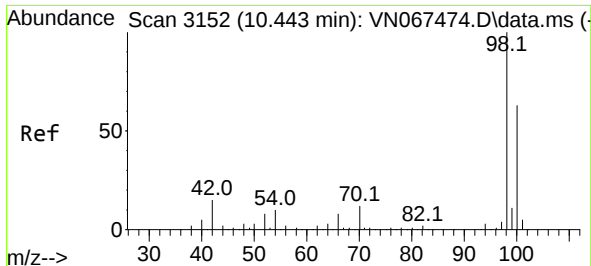


#40
Benzene
Concen: 0.48 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11



Tgt Ion: 78 Resp: 6884
Ion Ratio Lower Upper
78 100
77 21.3 18.9 28.3

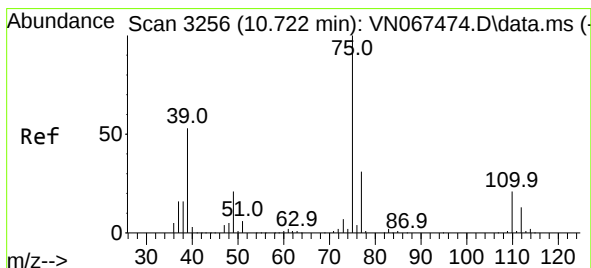
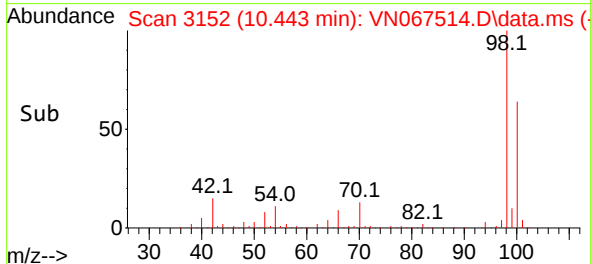
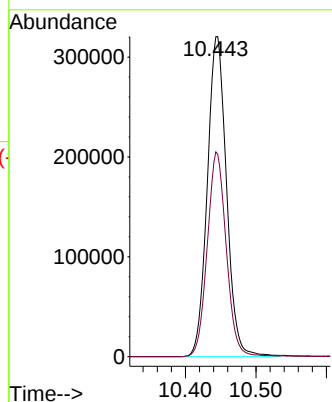
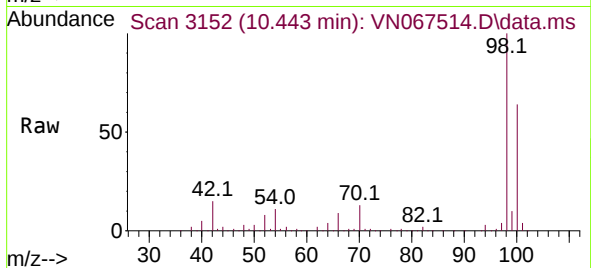




#50
Toluene-d8
Concen: 52.86 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

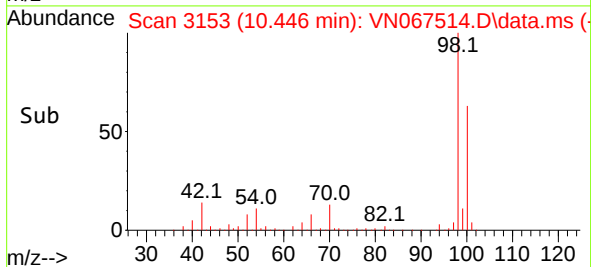
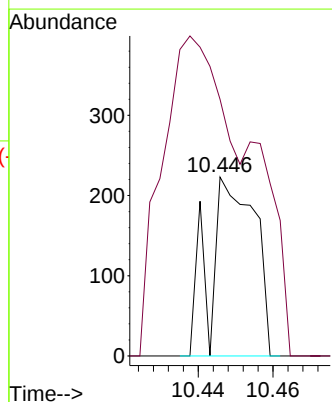
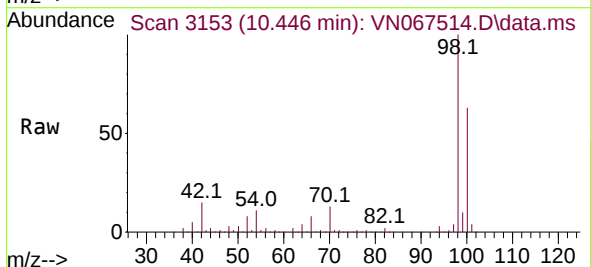
Instrument :
MSVOA_N
ClientSampled :

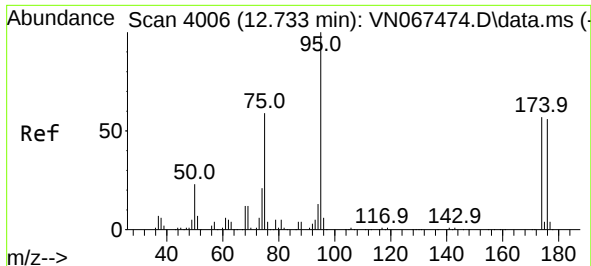
Tgt Ion: 98 Resp: 607599
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 2.03 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.276 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
77 67.7 25.1 37.7#

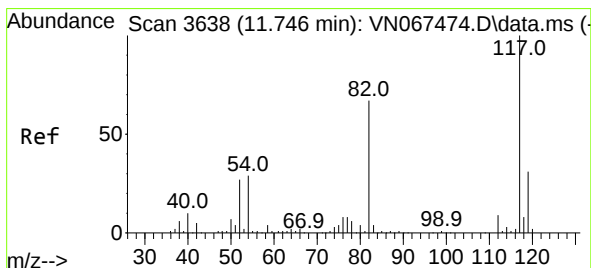
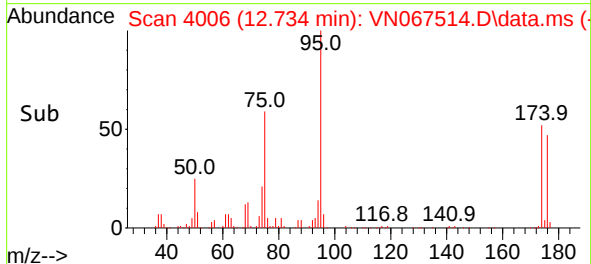
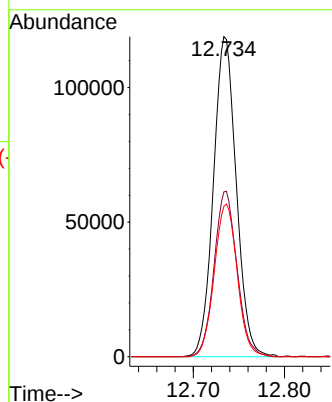
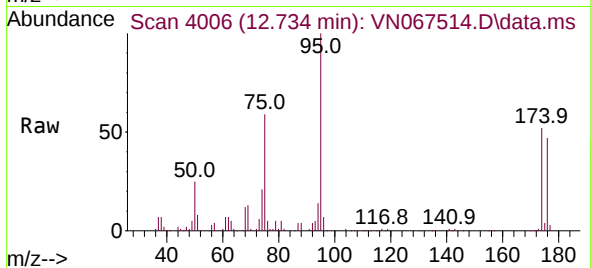




#62
4-Bromofluorobenzene
Concen: 50.66 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

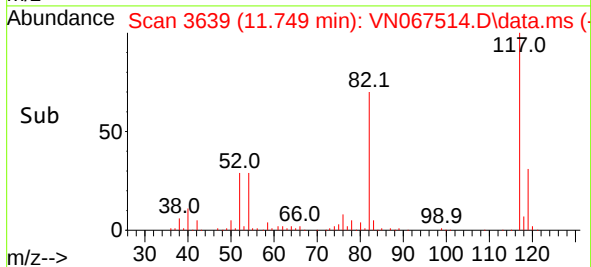
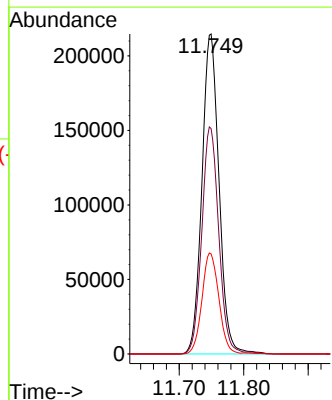
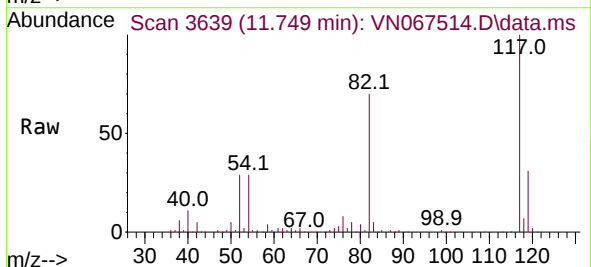
Instrument :
MSVOA_N
ClientSampleId :

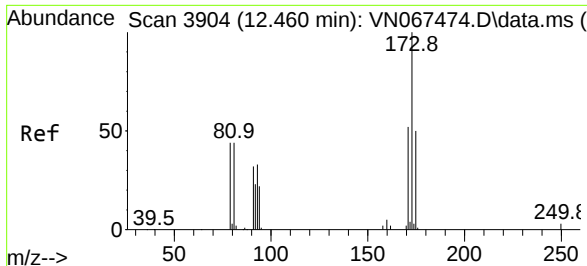
Tgt Ion: 95 Resp: 207455
Ion Ratio Lower Upper
95 100
174 51.6 0.0 122.0
176 47.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 117 Resp: 394531
Ion Ratio Lower Upper
117 100
82 70.5 53.1 79.7
119 31.3 25.5 38.3

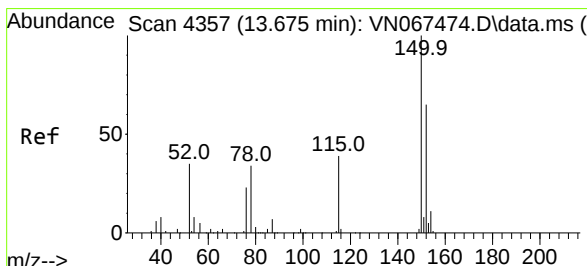
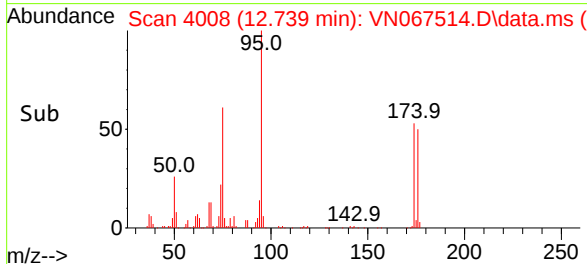
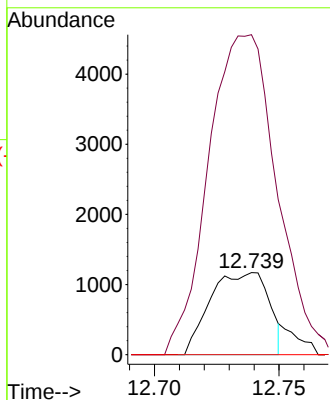
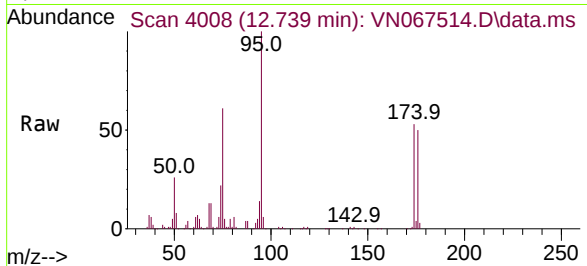




#71
Bromoform
Concen: 3.51 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. 0.279 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

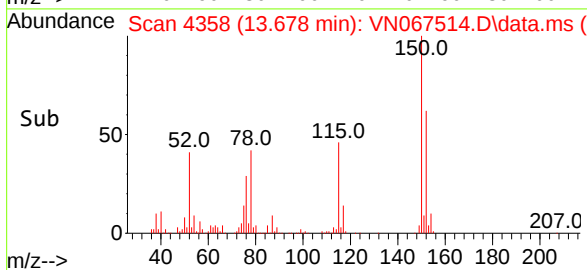
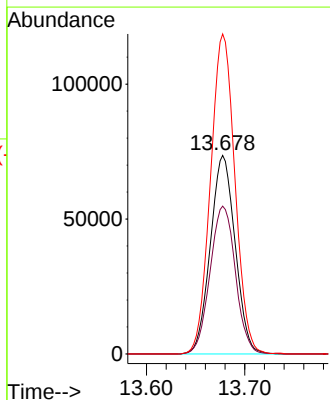
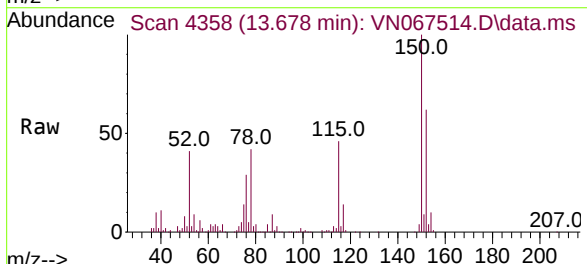
Instrument :
MSVOA_N
ClientSampleId :

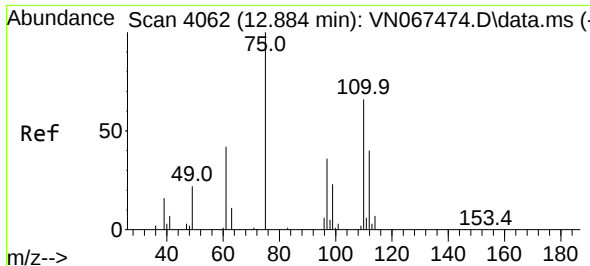
Tgt Ion:173 Resp: 1916
Ion Ratio Lower Upper
173 100
175 405.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

Tgt Ion:152 Resp: 129215
Ion Ratio Lower Upper
152 100
115 76.0 36.1 108.5
150 158.4 0.0 351.8

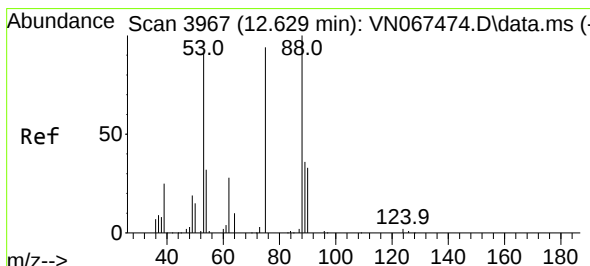
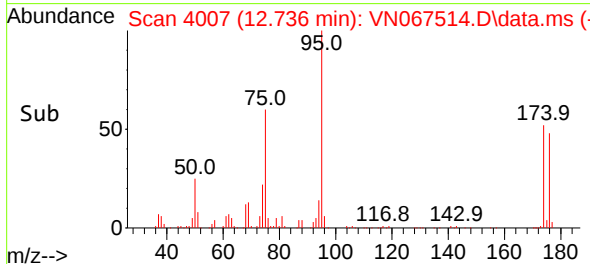
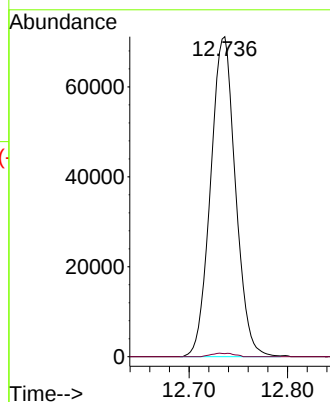
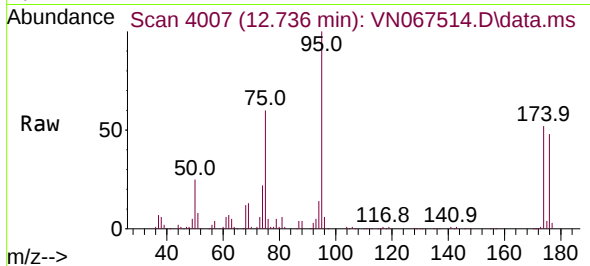




#76
1,2,3-Trichloropropane
Concen: 32.91 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

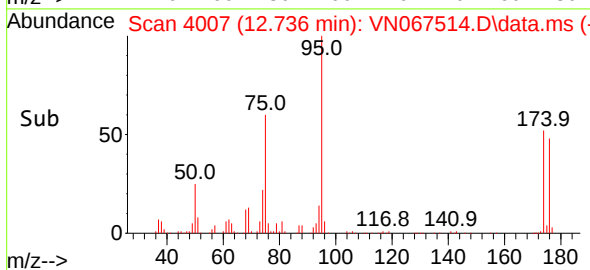
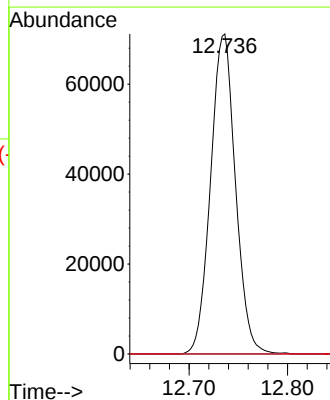
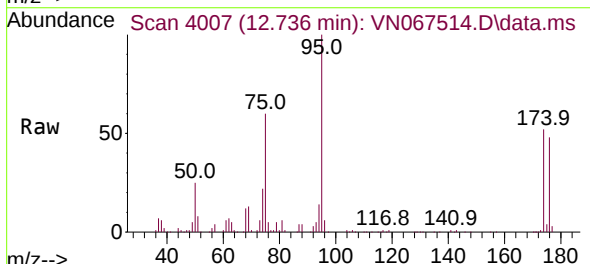
Instrument :
MSVOA_N
ClientSampleId :

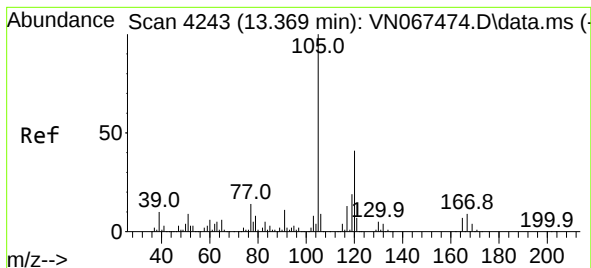
Tgt Ion: 75 Resp: 125150
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.05 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 75 Resp: 125150
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.28 ug/l

RT: 13.377 min Scan# 4246

Delta R.T. 0.008 min

Lab File: VN067514.D

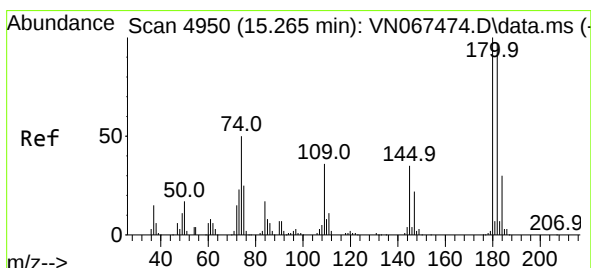
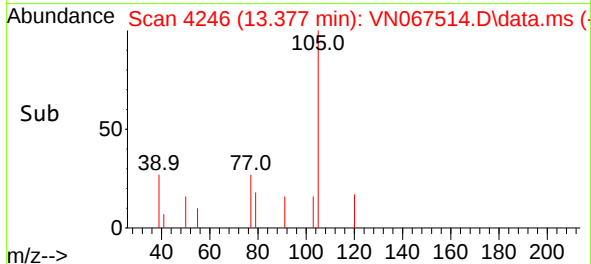
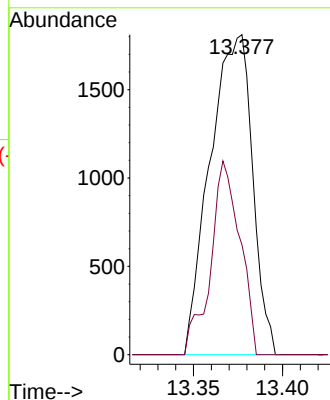
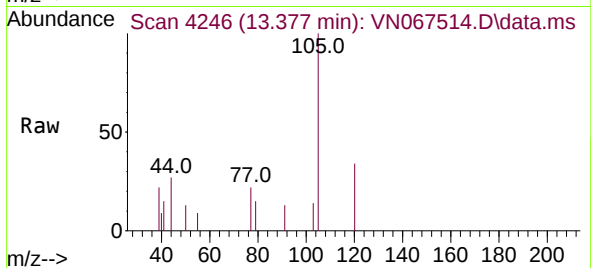
Acq: 25 Jun 2021 19:11

Tgt Ion:105 Resp: 3001

Ion Ratio Lower Upper

105 100

120 41.8 20.6 61.8



#93

1,2,4-Trichlorobenzene

Concen: 2.37 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN067514.D

Acq: 25 Jun 2021 19:11

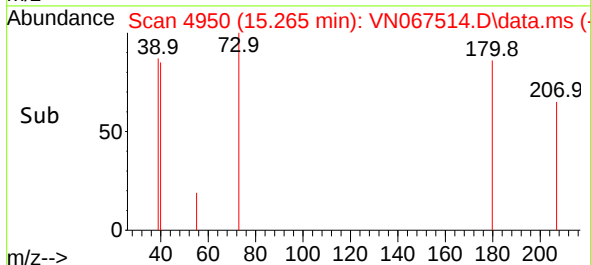
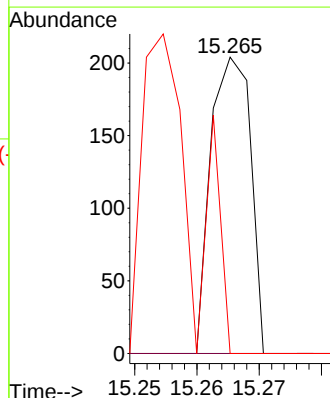
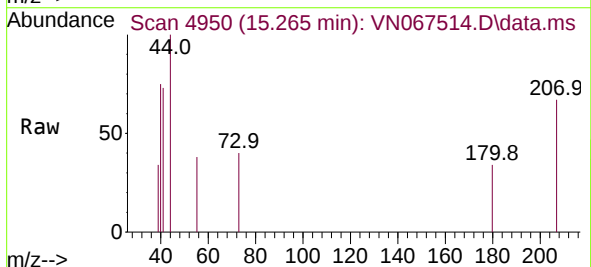
Tgt Ion:180 Resp: 90

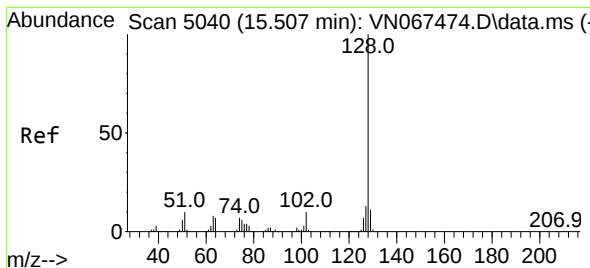
Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.5#

145 135.6 17.2 51.6#

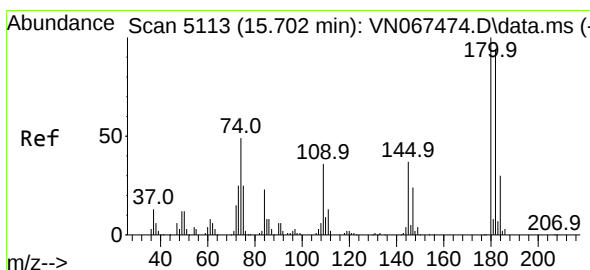
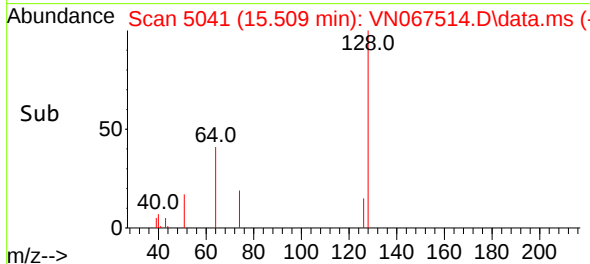
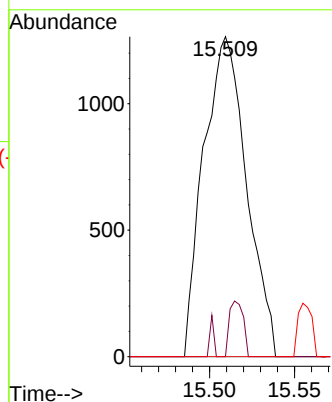
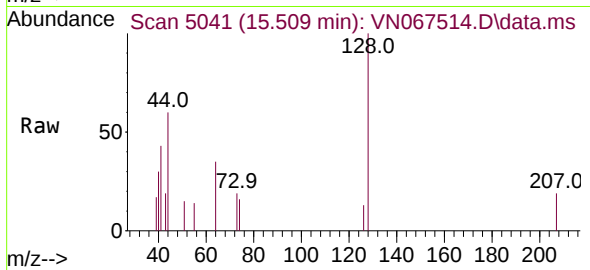




#95
Naphthalene
Concen: 3.62 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 2223
Ion Ratio Lower Upper
128 100
127 5.6 10.6 15.8#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.54 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN067514.D
Acq: 25 Jun 2021 19:11

Tgt Ion:180 Resp: 27
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 18.2 54.6#

