

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067886.D
 Acq On : 23 Jul 2021 17:42
 Operator : JC/MD
 Sample : M3147-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 01:43:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

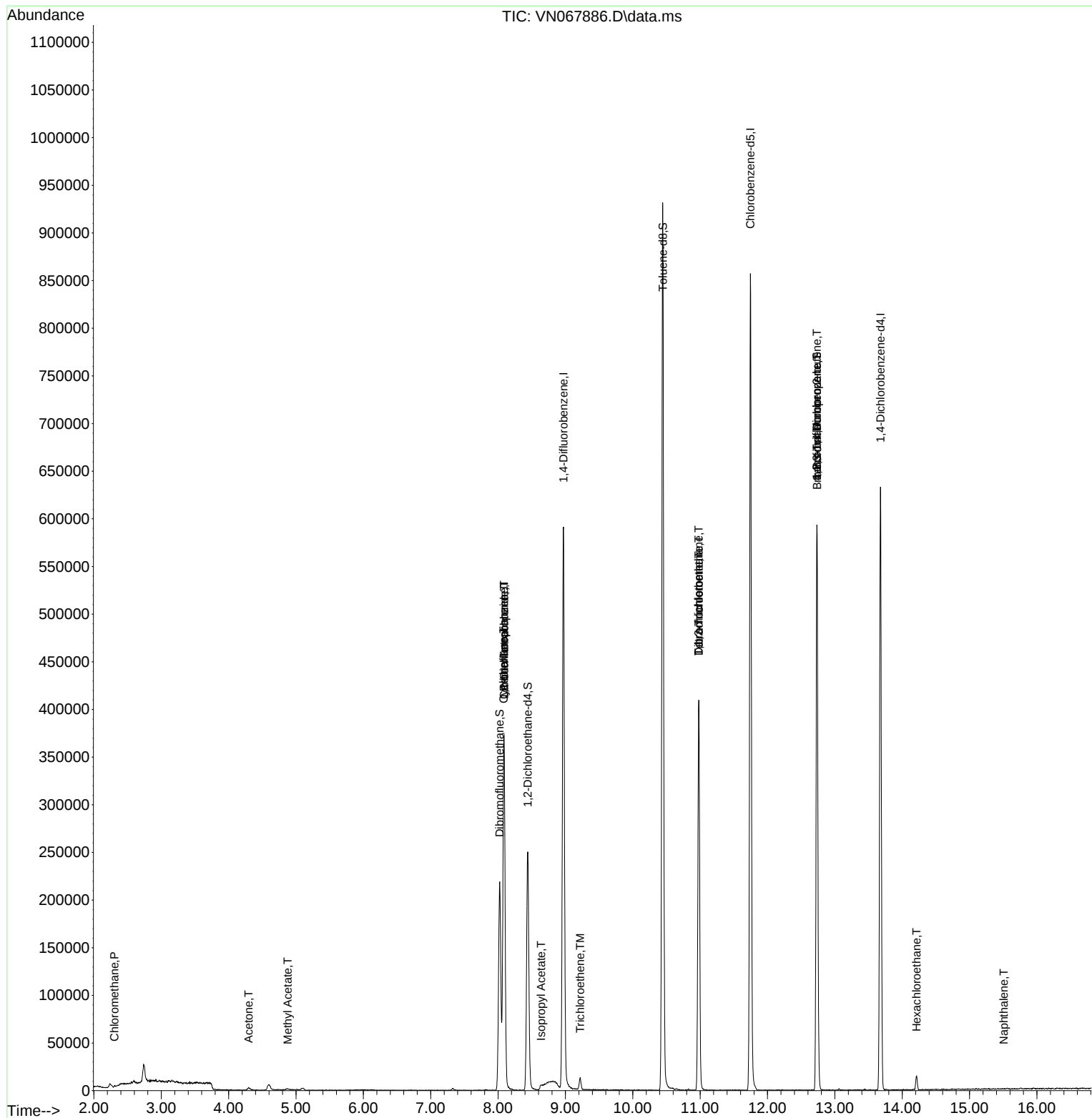
Internal Standards						
1) Pentafluorobenzene	8.088	168	266723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	513381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	494062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	161757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217164	53.873	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.740%		
35) Dibromofluoromethane	8.024	113	158152	50.988	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.980%		
50) Toluene-d8	10.446	98	651168	50.155	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.320%		
62) 4-Bromofluorobenzene	12.734	95	206110	44.940	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 89.880%		
Target Compounds						
						Qvalue
3) Chloromethane	2.303	50	1124	0.313	ug/l	99
5) Bromomethane	2.816	94	146	Below Cal	#	4
6) Chloroethane	2.977	64	51	Below Cal	#	44
13) Acrolein	4.049	56	87	Below Cal	#	14
16) Acetone	4.296	43	2774	2.187	ug/l	94
18) Methyl Acetate	4.875	43	2177	0.611	ug/l	# 82
20) Methylene Chloride	5.098	84	1357	Below Cal	#	68
31) Cyclohexane	8.083	56	7474	1.322	ug/l	# 26
36) 1,1-Dichloropropene	8.091	75	24155	5.065	ug/l	# 52
38) Carbon Tetrachloride	8.091	117	31189	6.630	ug/l	# 17
43) Isopropyl Acetate	8.638	43	3189	0.392	ug/l	# 58
44) Trichloroethene	9.220	130	4179	1.154	ug/l	74
55) 1,1,2-Trichloroethane	10.980	97	935	0.261	ug/l	# 29
60) Dibromochloromethane	10.980	129	88245	21.476	ug/l	# 11
64) Tetrachloroethene	10.980	164	85245	24.443	ug/l	94
71) Bromoform	12.736	173	578	3.347	ug/l	# 1
76) 1,2,3-Trichloropropane	12.734	75	116884	35.383	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.734	75	116884	114.079	ug/l	# 6
90) Hexachloroethane	14.211	117	2352	1.406	ug/l	93
95) Naphthalene	15.507	128	360	3.055	ug/l	# 69

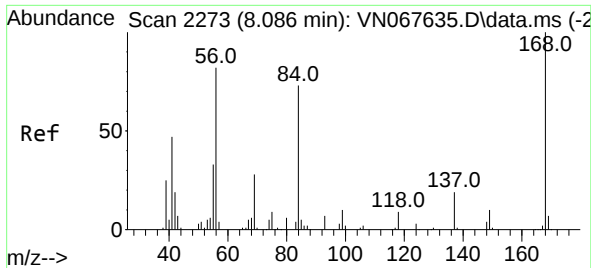
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
Data File : VN067886.D
Acq On : 23 Jul 2021 17:42
Operator : JC/MD
Sample : M3147-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

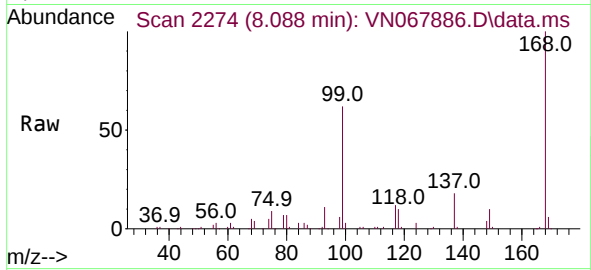
Quant Time: Jul 24 01:43:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration



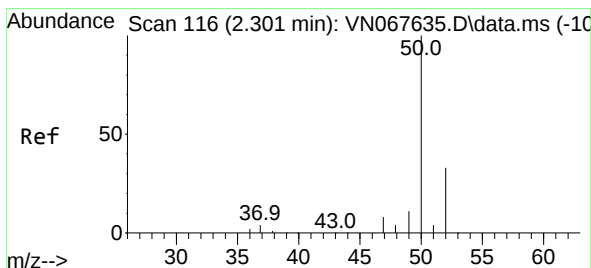
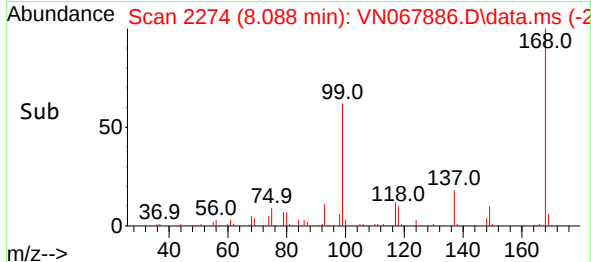
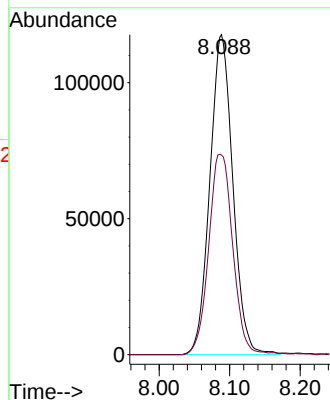


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Instrument :
MSVOA_N
ClientSampled :

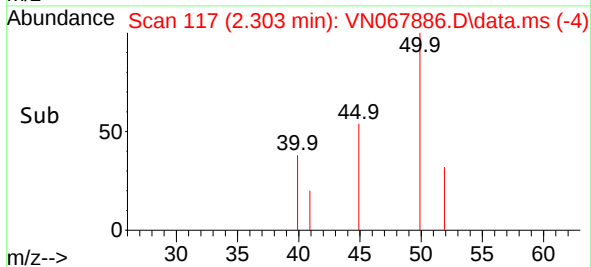
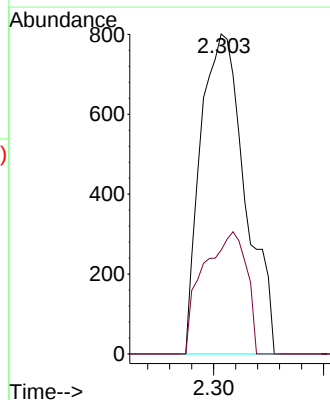
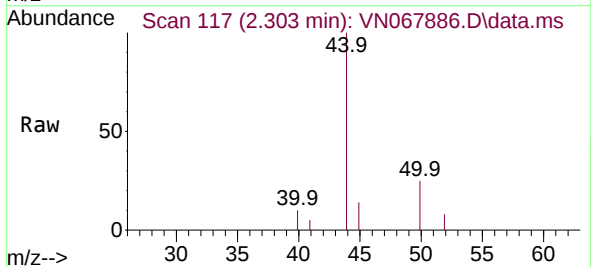


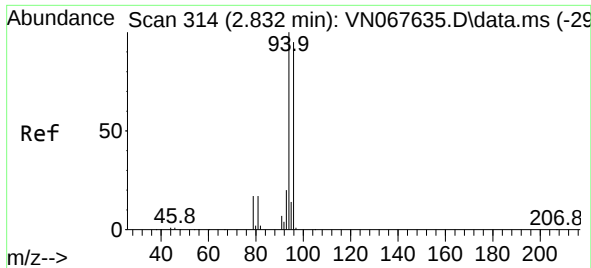
Tgt Ion:168 Resp: 266723
Ion Ratio Lower Upper
168 100
99 62.4 62.9 94.3#



#3
Chloromethane
Concen: 0.313 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 50 Resp: 1124
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4

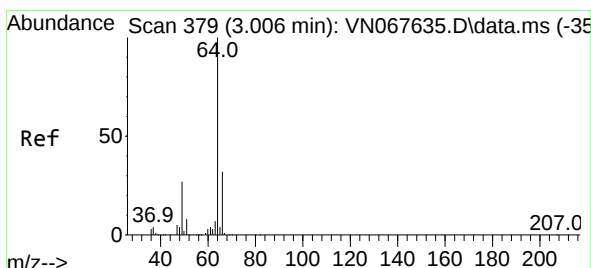
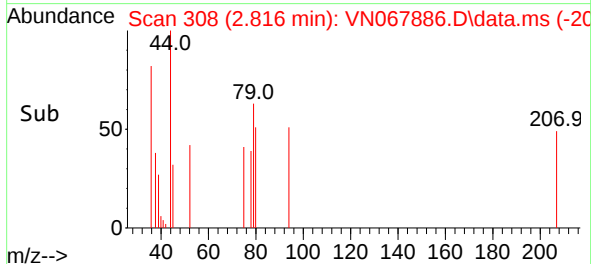
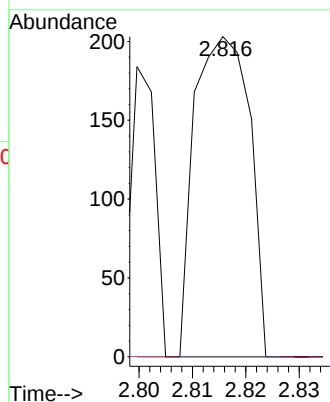
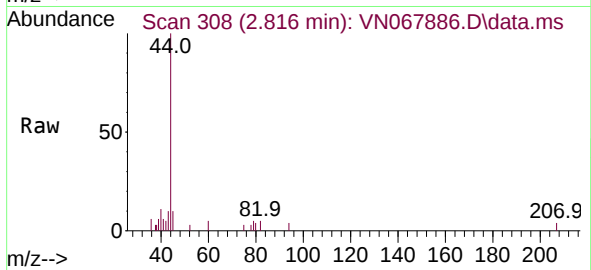




#5
Bromomethane
Concen: Below Cal
RT: 2.816 min Scan# 308
Delta R.T. -0.016 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

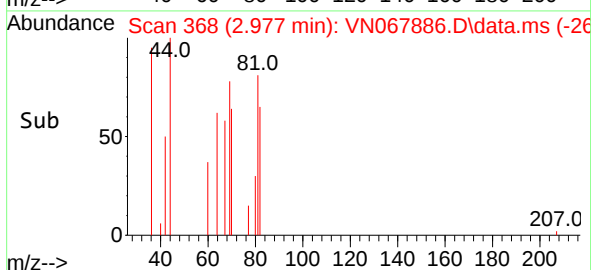
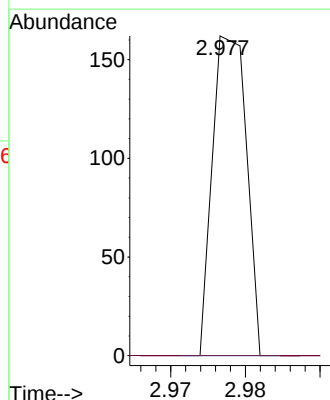
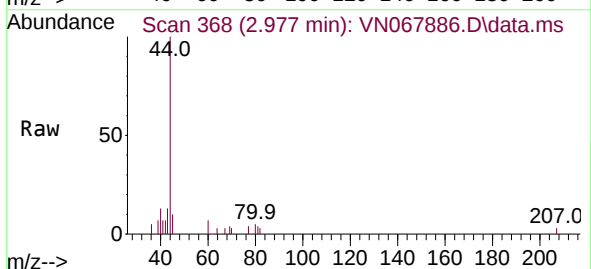
Instrument :
MSVOA_N
ClientSampleId :

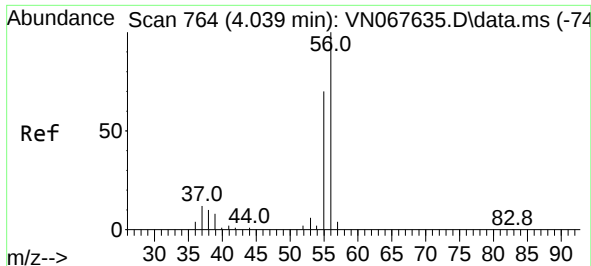
Tgt Ion: 94 Resp: 146
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.977 min Scan# 368
Delta R.T. -0.029 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 64 Resp: 51
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

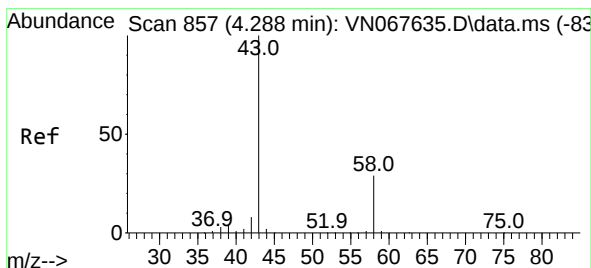
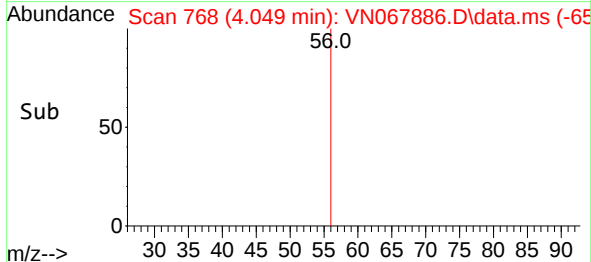
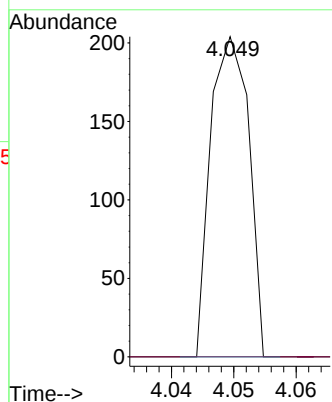
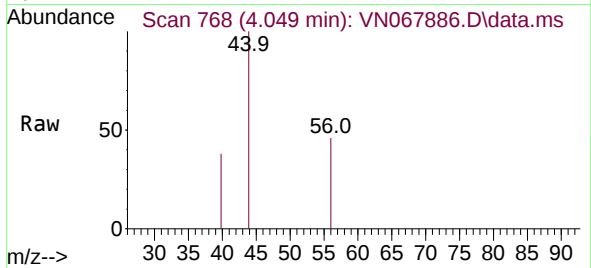




#13
Acrolein
Concen: Below Cal
RT: 4.049 min Scan# 768
Delta R.T. 0.010 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

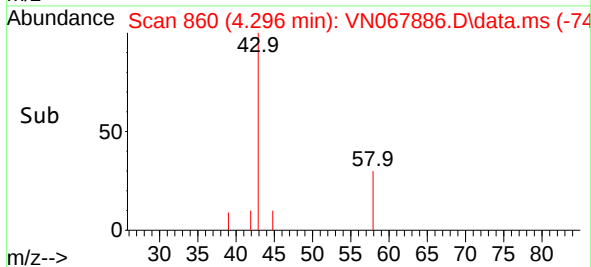
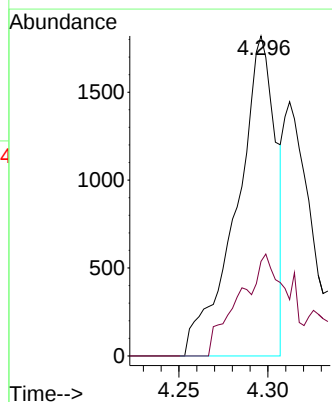
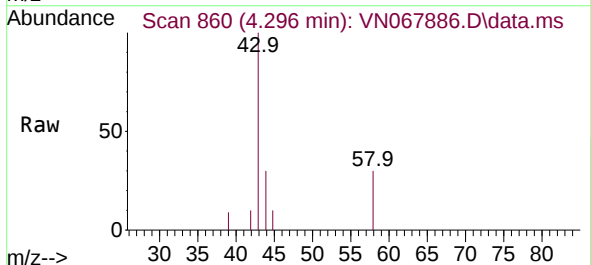
Instrument :
MSVOA_N
ClientSampled :

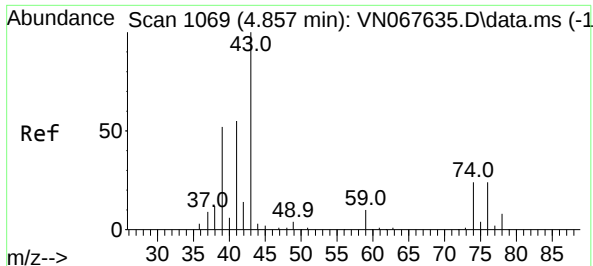
Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 2.187 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 43 Resp: 2774
Ion Ratio Lower Upper
43 100
58 29.6 21.2 31.8





#18

Methyl Acetate

Concen: 0.611 ug/l

RT: 4.875 min Scan# 1076

Delta R.T. 0.018 min

Lab File: VN067886.D

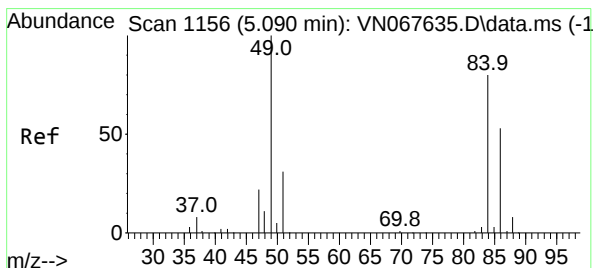
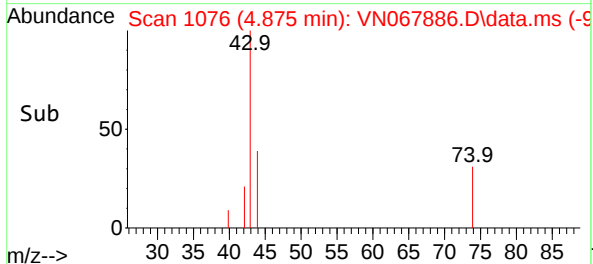
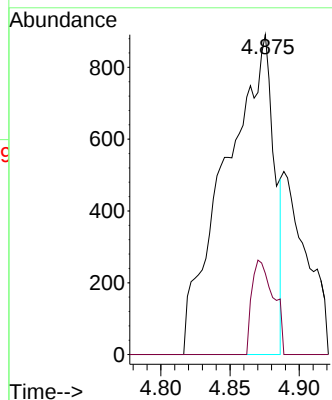
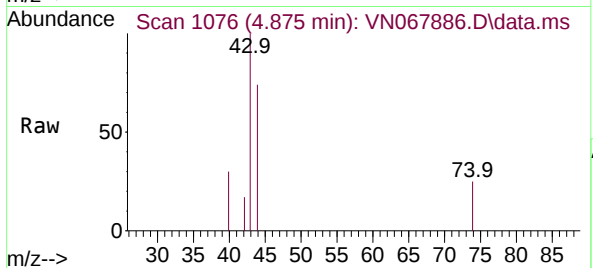
Acq: 23 Jul 2021 17:42

Tgt Ion: 43 Resp: 2177

Ion Ratio Lower Upper

43 100

74 13.1 17.4 26.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.098 min Scan# 1159

Delta R.T. 0.008 min

Lab File: VN067886.D

Acq: 23 Jul 2021 17:42

Tgt Ion: 84 Resp: 1357

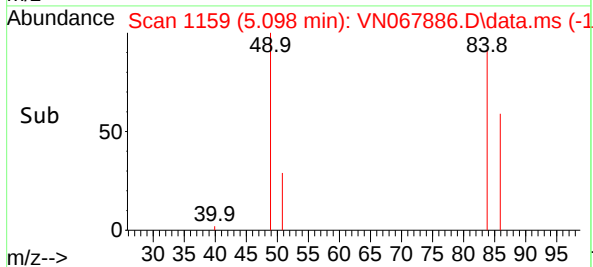
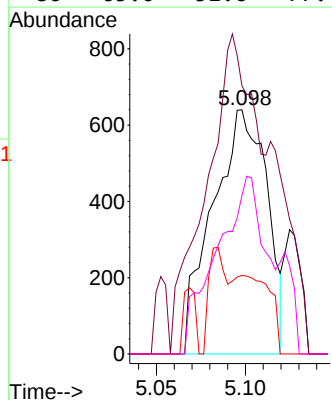
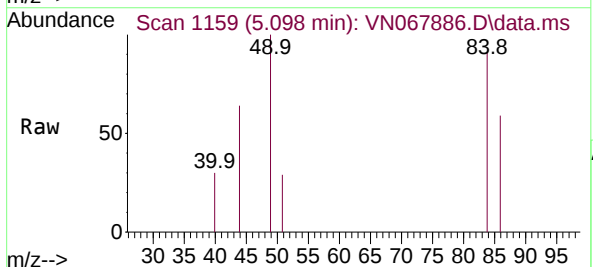
Ion Ratio Lower Upper

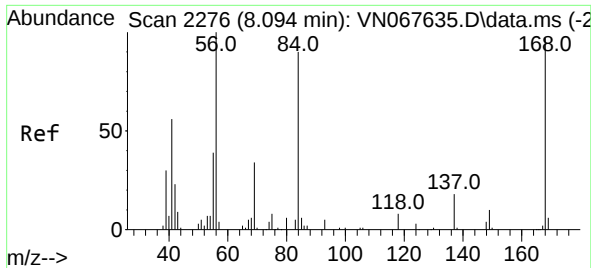
84 100

49 75.8 110.9 166.3#

51 32.2 32.6 49.0#

86 65.0 51.6 77.4

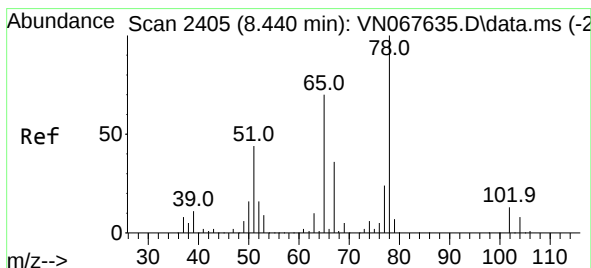
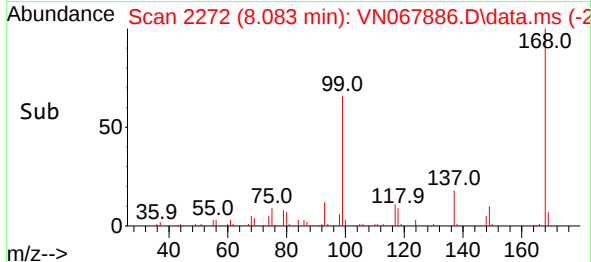
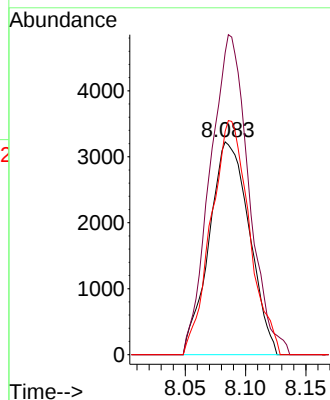
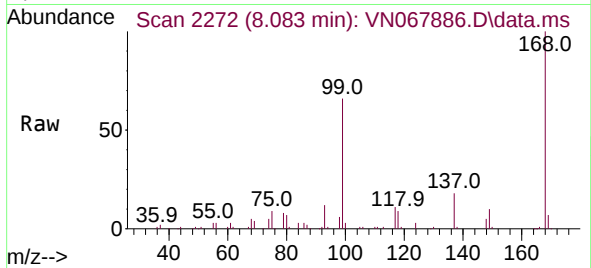




#31
Cyclohexane
Concen: 1.322 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

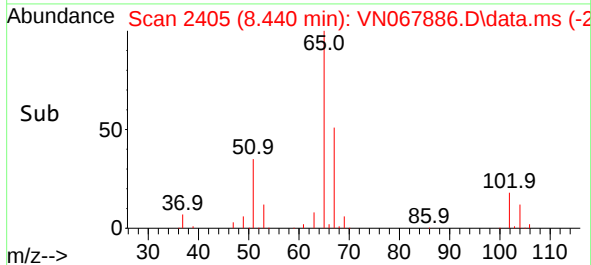
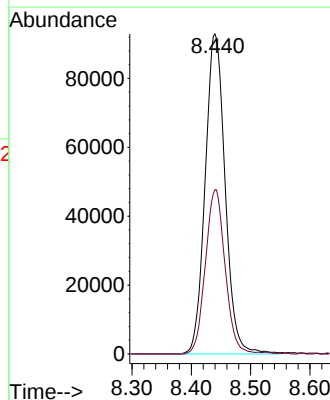
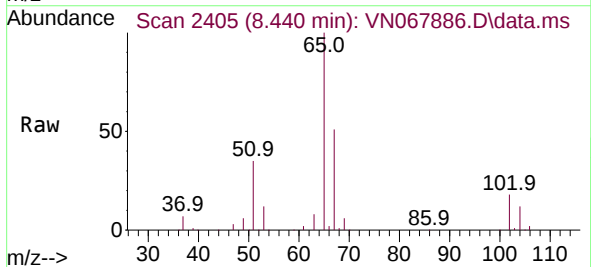
Instrument :
MSVOA_N
ClientSampleId :

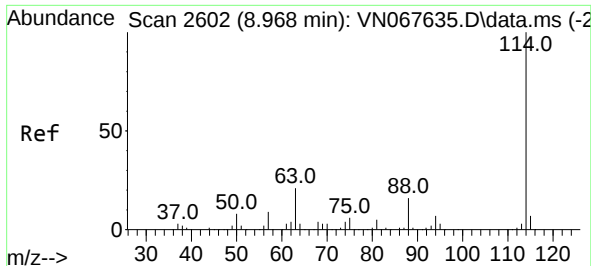
Tgt Ion: 56 Resp: 7474
Ion Ratio Lower Upper
56 100
69 141.9 27.3 40.9#
84 104.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 53.873 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 65 Resp: 217164
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6

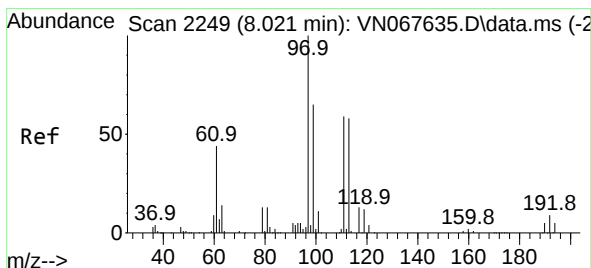
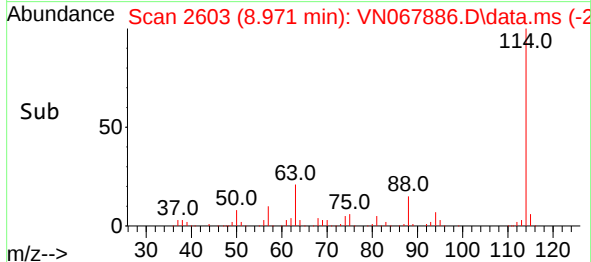
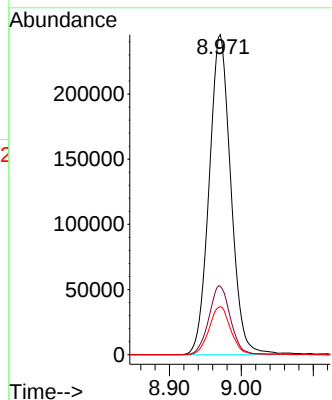
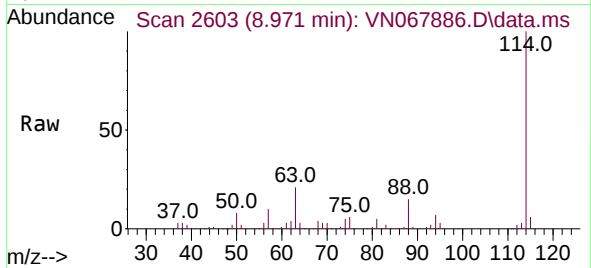




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

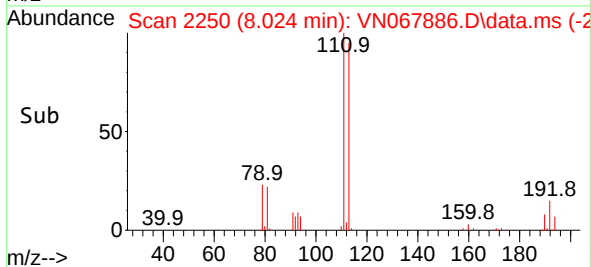
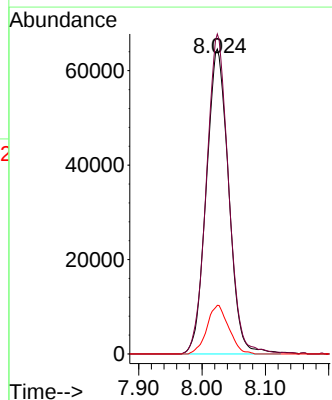
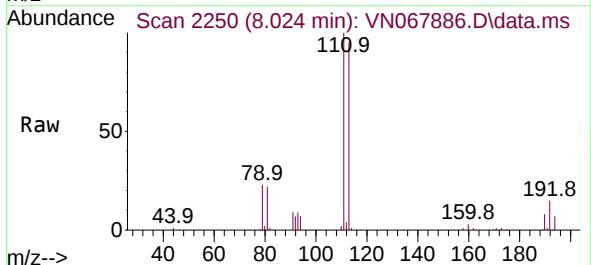
Instrument :
MSVOA_N
ClientSampled :

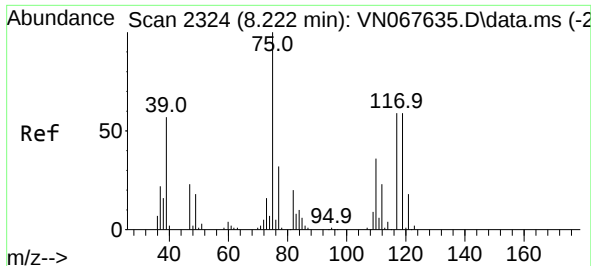
Tgt Ion:114 Resp: 513381
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.988 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

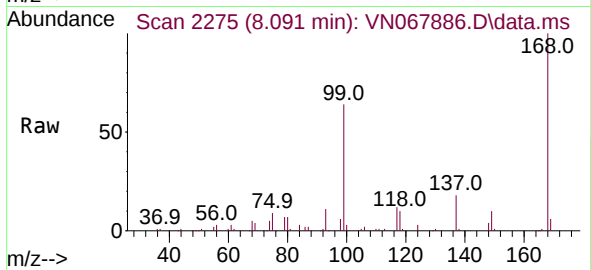
Tgt Ion:113 Resp: 158152
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.8
192 15.6 13.4 20.0



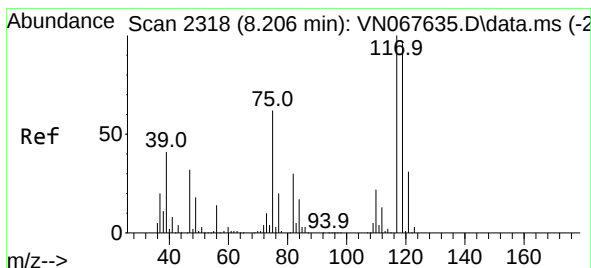
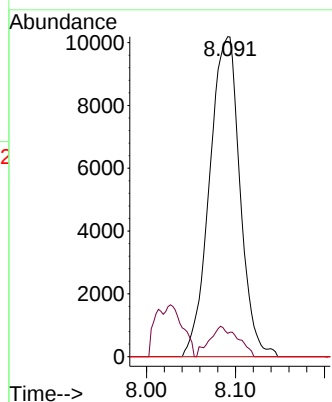
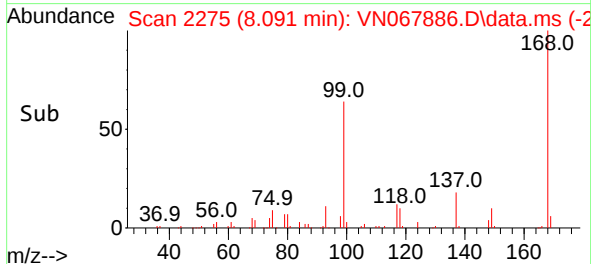


#36
1,1-Dichloropropene
Concen: 5.065 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

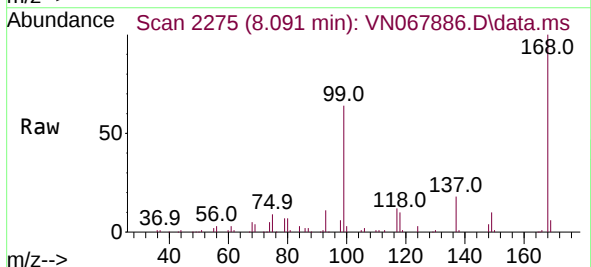
Instrument :
MSVOA_N
ClientSampled :



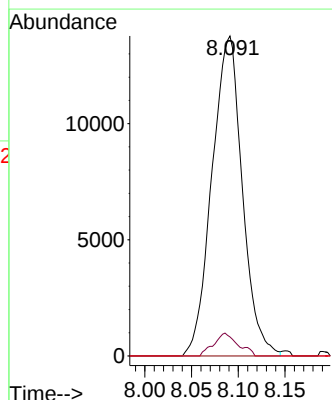
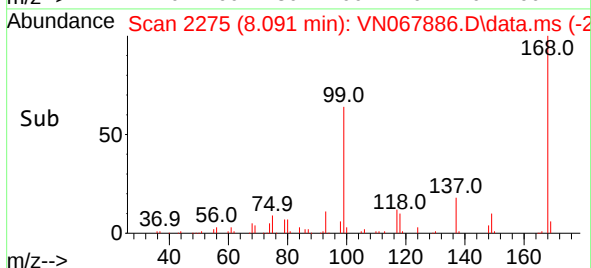
Tgt Ion: 75 Resp: 24155
Ion Ratio Lower Upper
75 100
110 8.8 15.7 47.0#
77 0.0 24.6 37.0#

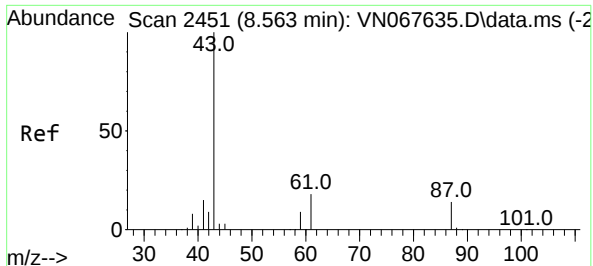


#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.115 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42



Tgt Ion: 117 Resp: 31189
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.2#
121 0.0 23.5 35.3#

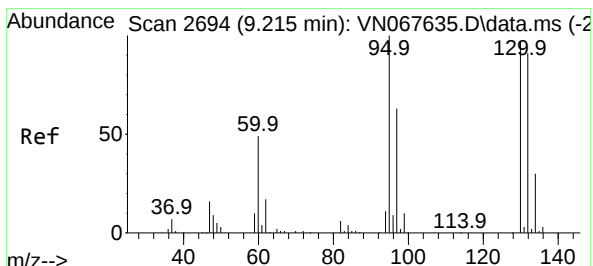
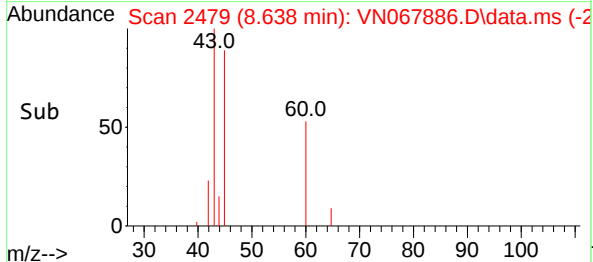
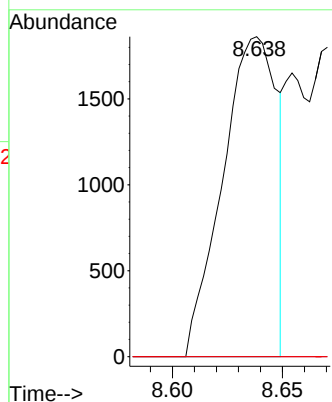
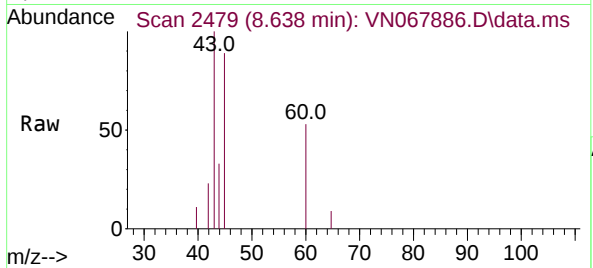




#43
Isopropyl Acetate
Concen: 0.392 ug/l
RT: 8.638 min Scan# 2479
Delta R.T. 0.075 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

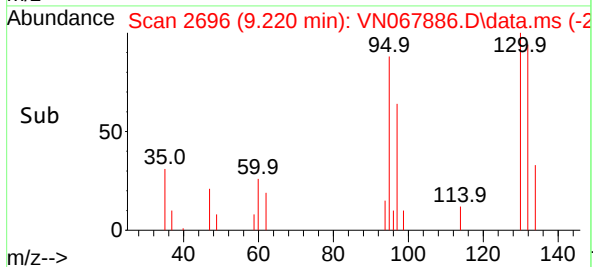
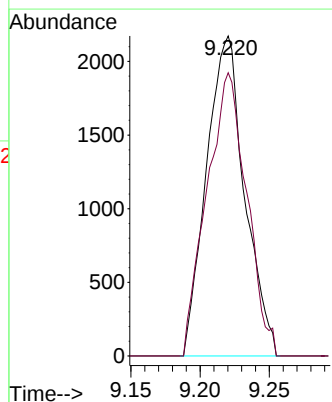
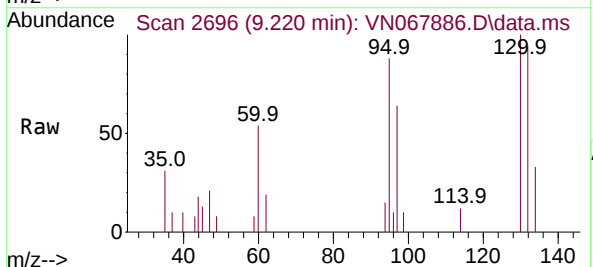
Instrument :
MSVOA_N
ClientSampled :

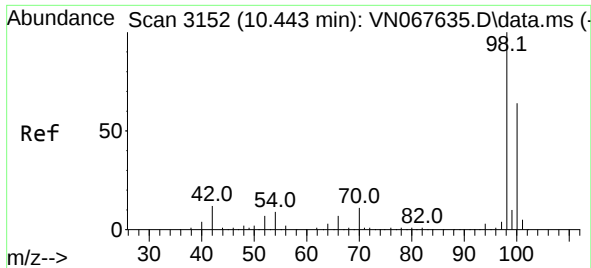
Tgt Ion: 43 Resp: 3189
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#44
Trichloroethene
Concen: 1.154 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.005 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion:130 Resp: 4179
Ion Ratio Lower Upper
130 100
95 88.5 0.0 234.4

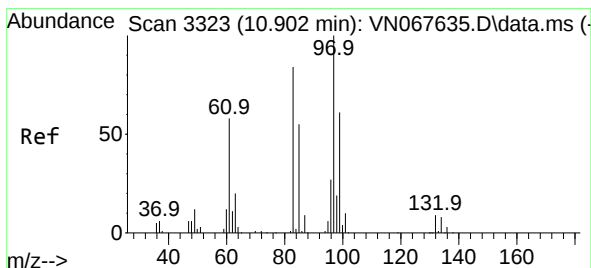
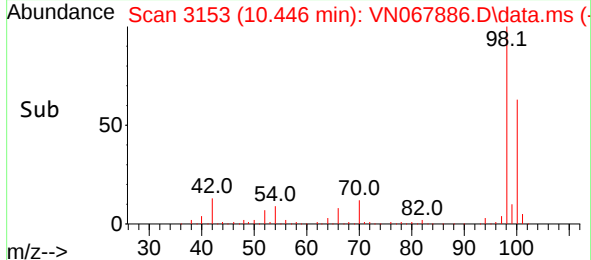
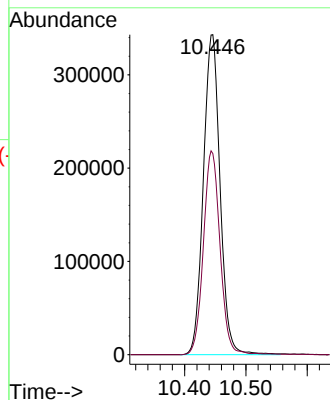
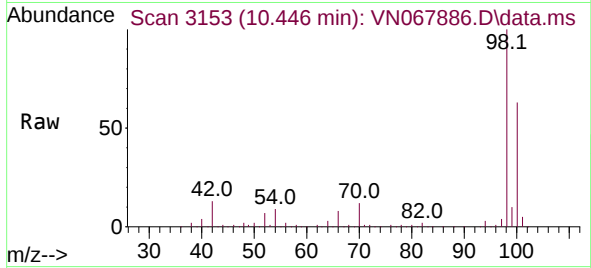




#50
Toluene-d8
Concen: 50.155 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

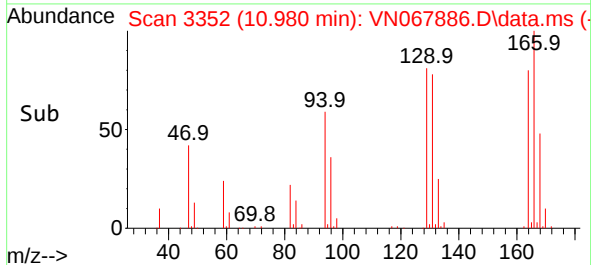
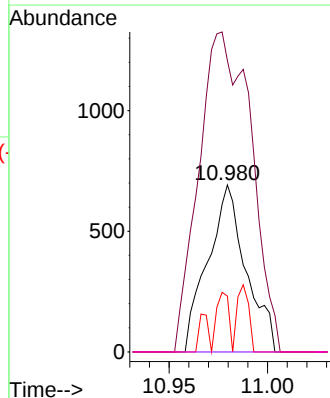
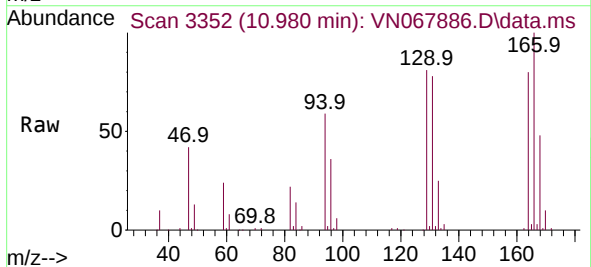
Instrument :
MSVOA_N
ClientSampled :

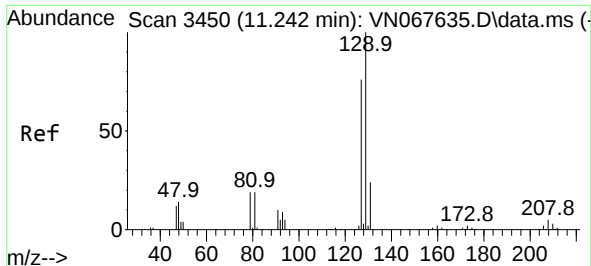
Tgt Ion: 98 Resp: 651168
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#55
1,1,2-Trichloroethane
Concen: 0.261 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.078 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 97 Resp: 935
Ion Ratio Lower Upper
97 100
83 174.4 72.0 108.0#
85 33.4 46.8 70.2#
99 0.0 49.8 74.6#

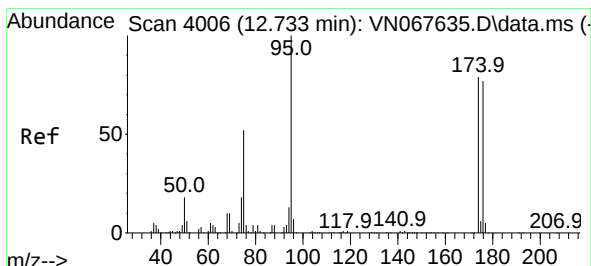
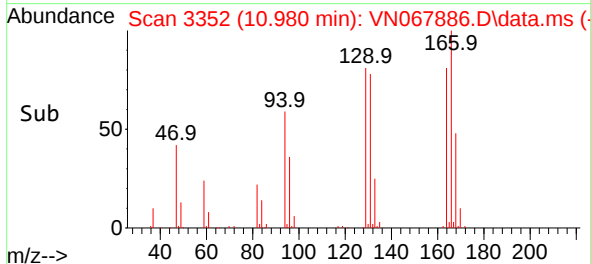
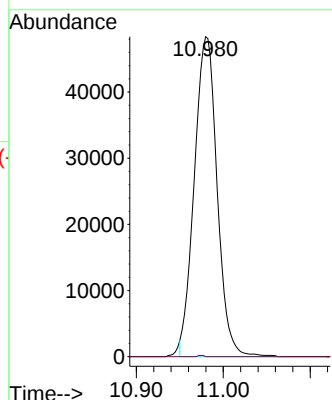
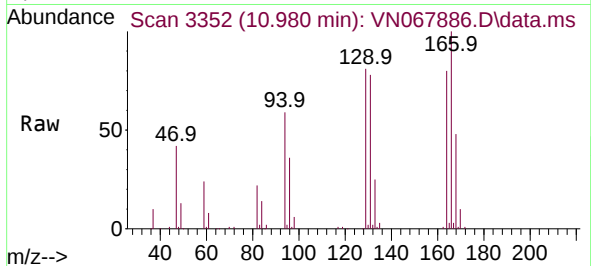




#60
Dibromochloromethane
Concen: 21.476 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.262 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

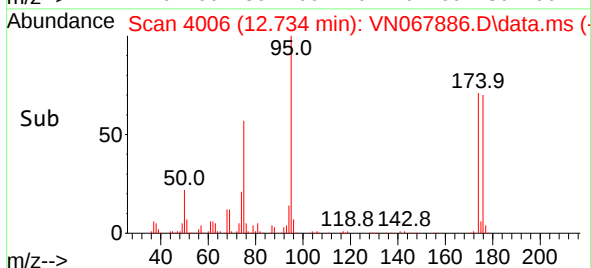
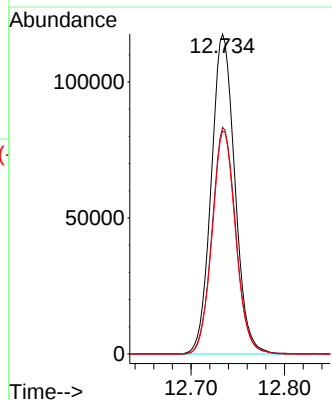
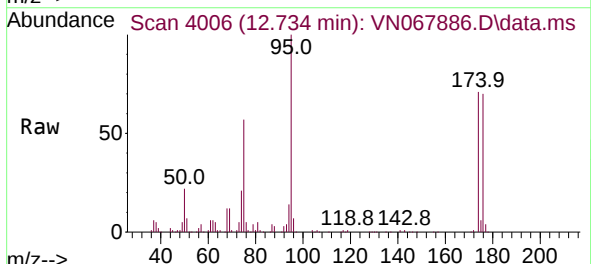
Instrument :
MSVOA_N
ClientSampled :

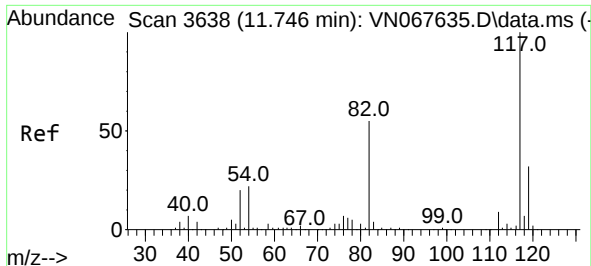
Tgt Ion:129 Resp: 88245
Ion Ratio Lower Upper
129 100
127 0.1 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 44.940 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 95 Resp: 206110
Ion Ratio Lower Upper
95 100
174 71.4 0.0 122.0
176 69.8 0.0 117.6

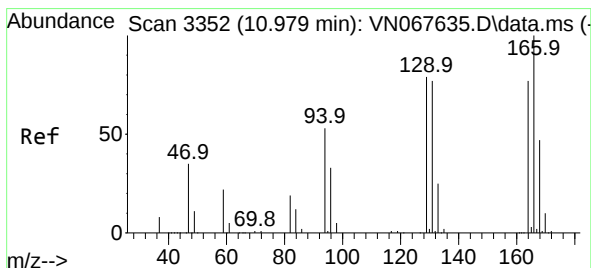
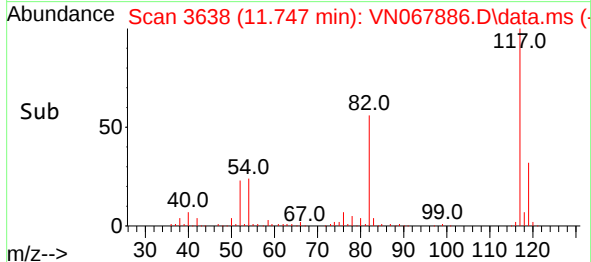
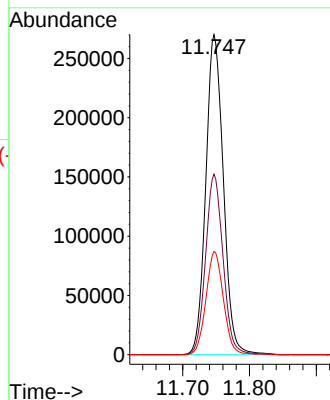
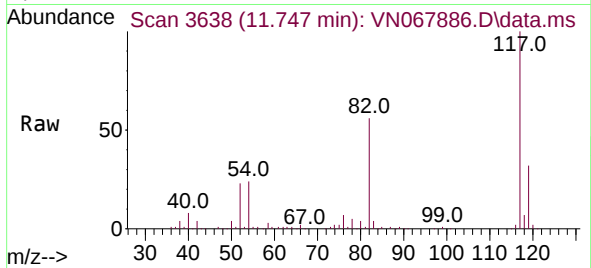




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

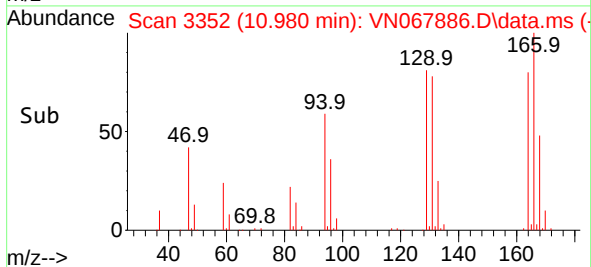
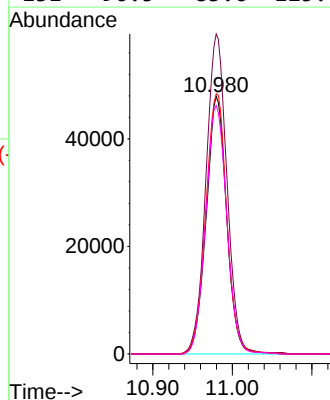
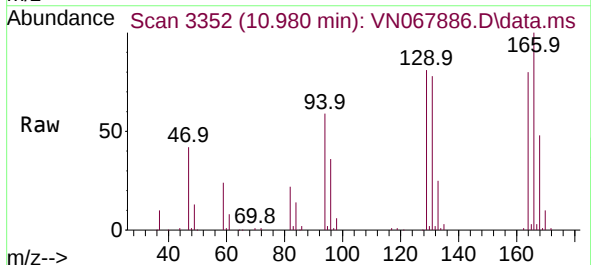
Instrument :
MSVOA_N
ClientSampled :

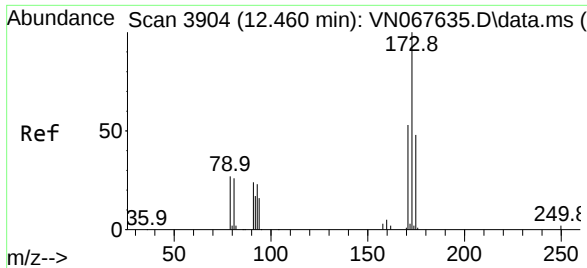
Tgt Ion:117 Resp: 494062
Ion Ratio Lower Upper
117 100
82 56.4 53.1 79.7
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 24.443 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion:164 Resp: 85245
Ion Ratio Lower Upper
164 100
166 124.3 102.1 153.1
129 101.0 86.9 130.3
131 96.5 83.6 125.4

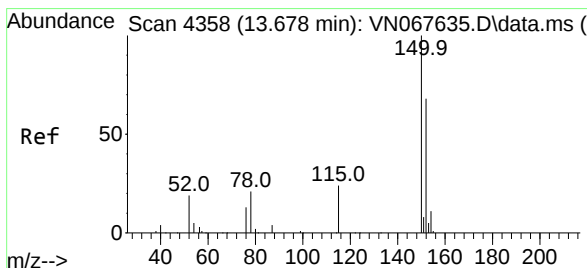
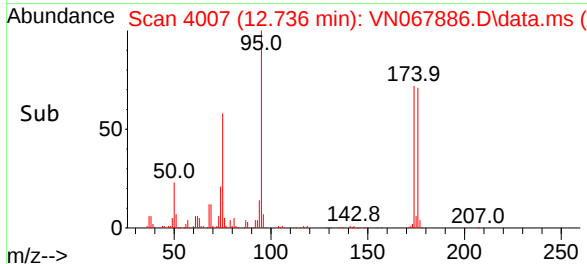
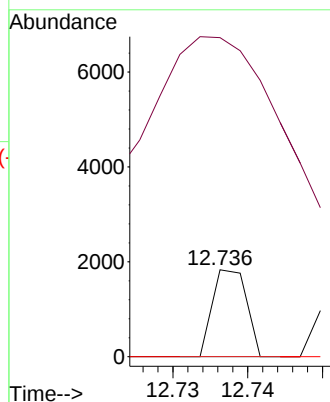
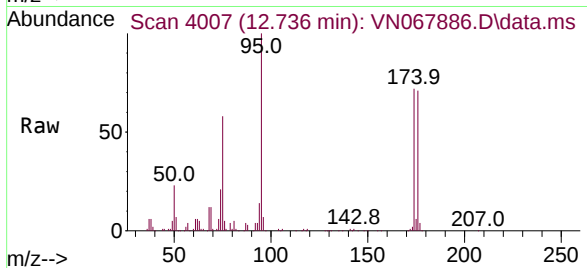




#71
Bromoform
Concen: 3.347 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

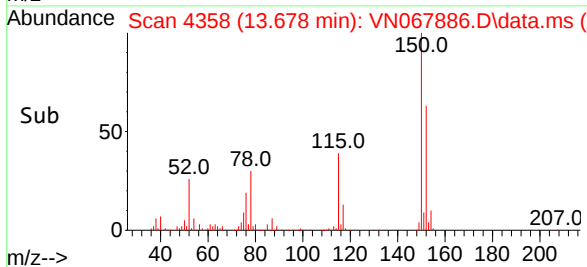
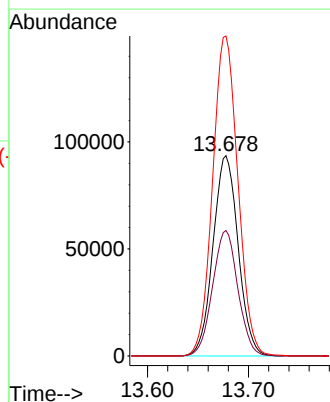
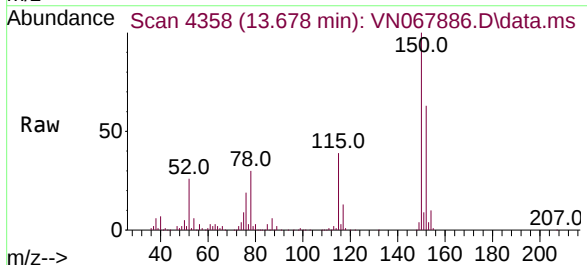
Instrument :
MSVOA_N
ClientSampleId :

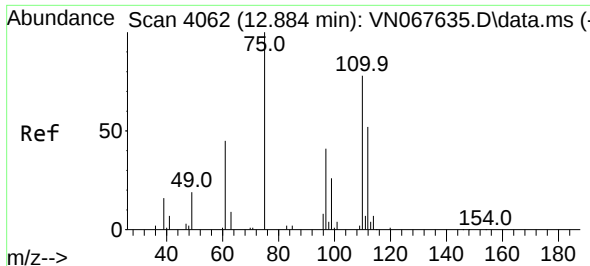
Tgt Ion:173 Resp: 578
Ion Ratio Lower Upper
173 100
175 1878.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion:152 Resp: 161757
Ion Ratio Lower Upper
152 100
115 63.1 36.1 108.5
150 160.6 0.0 351.8

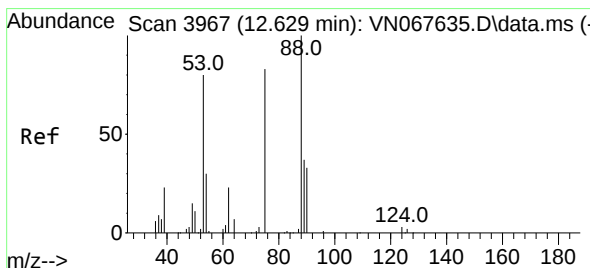
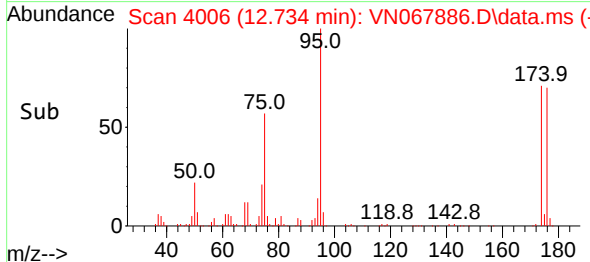
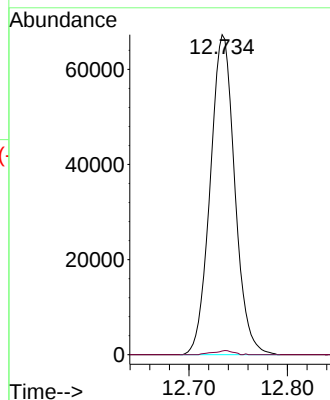
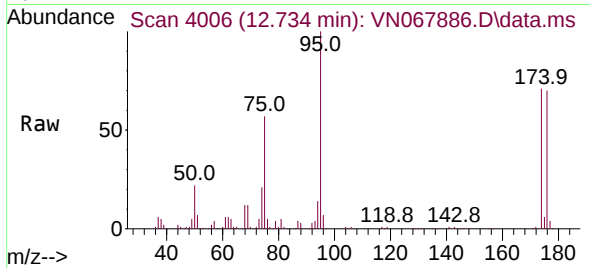




#76
1,2,3-Trichloropropane
Concen: 35.383 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

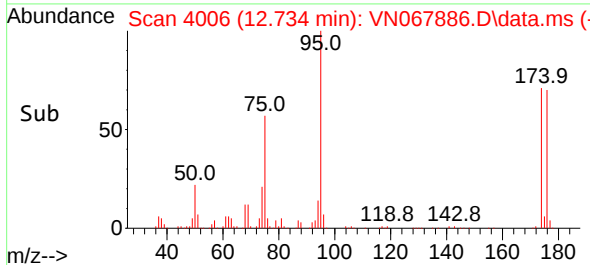
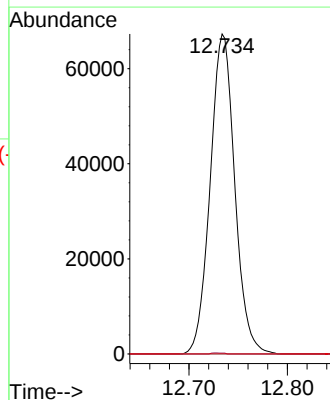
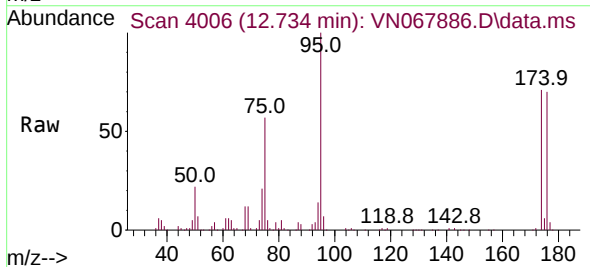
Instrument :
MSVOA_N
ClientSampled :

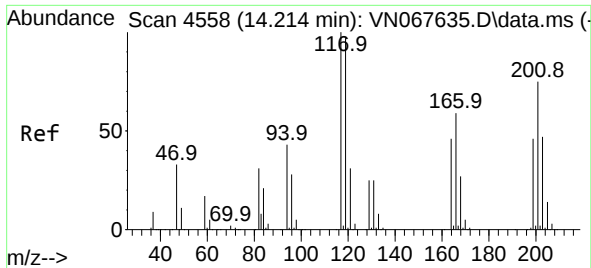
Tgt Ion: 75 Resp: 116884
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.079 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 75 Resp: 116884
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#

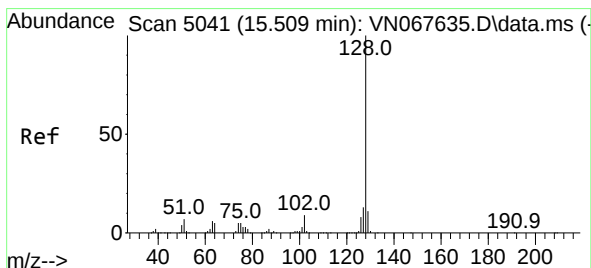
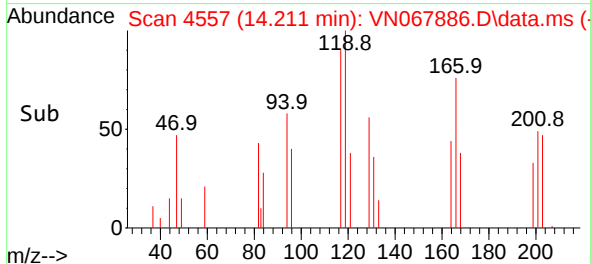
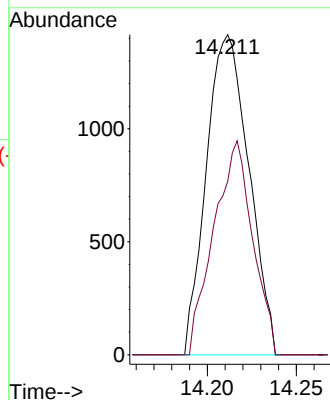
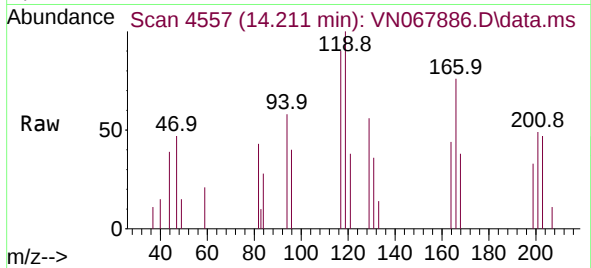




#90
Hexachloroethane
Concen: 1.406 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:117 Resp: 2352
Ion Ratio Lower Upper
117 100
201 61.1 33.5 100.5



#95
Naphthalene
Concen: 3.055 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067886.D
Acq: 23 Jul 2021 17:42

Tgt Ion:128 Resp: 360
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

