

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067910.D
 Acq On : 26 Jul 2021 16:27
 Operator : JC/MD
 Sample : M3147-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 27 01:30:52 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)

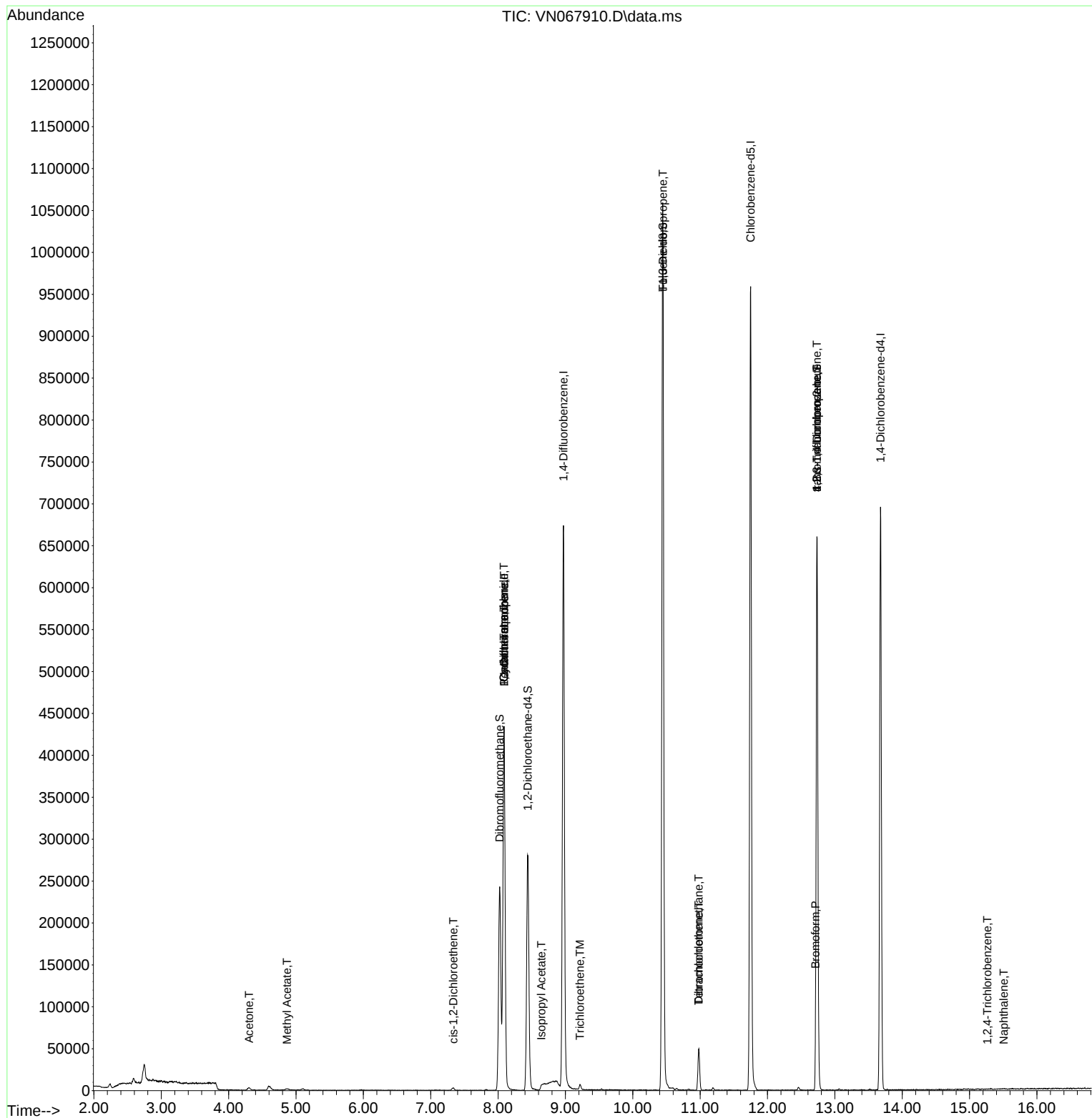
Internal Standards						
1) Pentafluorobenzene	8.091	168	309669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	585548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	557359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	181717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	243998	52.136	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.280%			
35) Dibromofluoromethane	8.024	113	179504	50.740	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.480%			
50) Toluene-d8	10.446	98	754578	50.957	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.733	95	235072	44.938	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.880%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.832	94	147	Below Cal	#	4
6) Chloroethane	3.183	64	27	Below Cal	#	44
13) Acrolein	4.033	56	179	Below Cal		94
16) Acetone	4.304	43	5509	3.741	ug/l	98
18) Methyl Acetate	4.867	43	1732	0.419	ug/l #	67
20) Methylene Chloride	5.090	84	251	Below Cal	#	21
27) cis-1,2-Dichloroethene	7.335	96	870	0.214	ug/l #	1
31) Cyclohexane	8.088	56	8124	1.238	ug/l #	16
36) 1,1-Dichloropropene	8.091	75	27850	5.120	ug/l #	53
38) Carbon Tetrachloride	8.088	117	35138	6.549	ug/l #	18
43) Isopropyl Acetate	8.643	43	2612	0.282	ug/l #	58
44) Trichloroethene	9.215	130	2058	0.498	ug/l	91
53) t-1,3-Dichloropropene	10.446	75	141	1.764	ug/l #	85
60) Dibromochloromethane	10.979	129	10363	4.325	ug/l #	11
64) Tetrachloroethene	10.977	164	10809	2.747	ug/l	88
71) Bromoform	12.712	173	73	3.195	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	132733	35.768	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	132733	115.318	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.265	180	59	2.693	ug/l #	84
95) Naphthalene	15.507	128	846	3.102	ug/l #	69

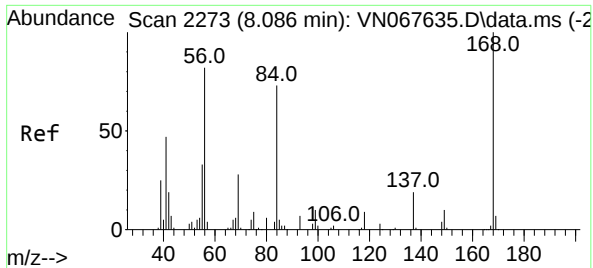
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
Data File : VN067910.D
Acq On : 26 Jul 2021 16:27
Operator : JC/MD
Sample : M3147-13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 27 01:30:52 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

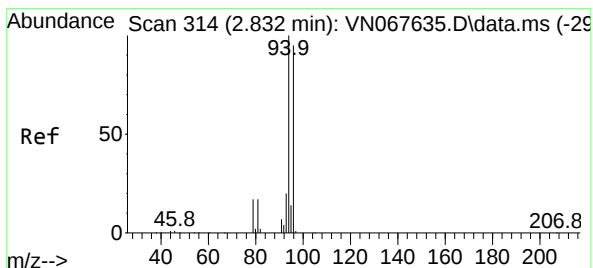
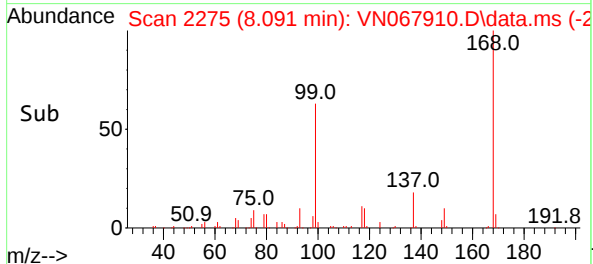
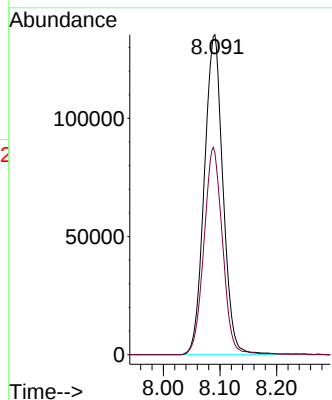
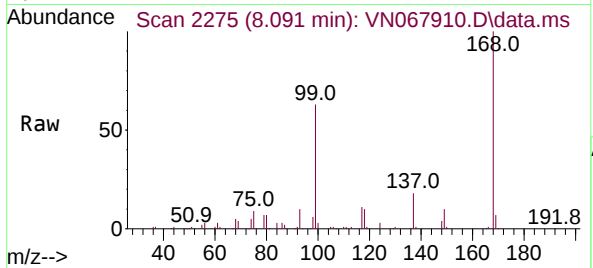




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

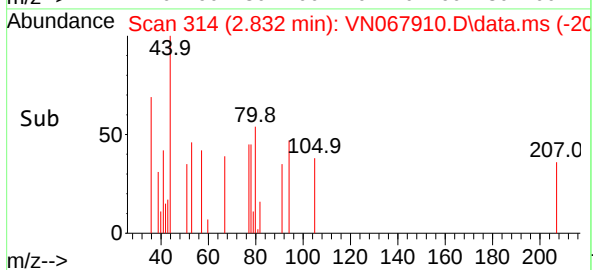
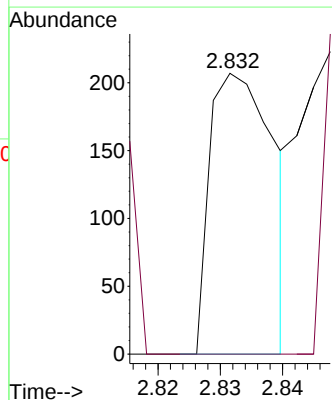
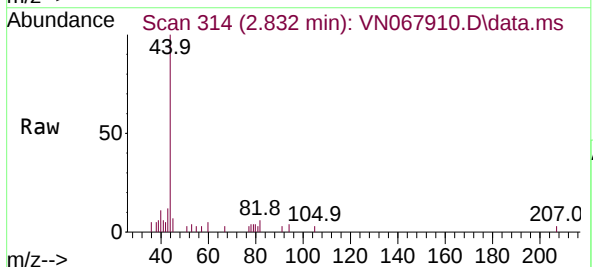
Instrument :
MSVOA_N
ClientSampleId :

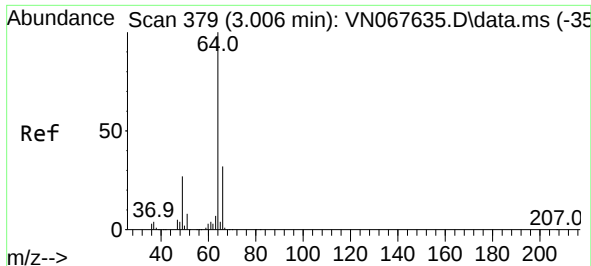
Tgt Ion:168 Resp: 309669
Ion Ratio Lower Upper
168 100
99 63.1 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.832 min Scan# 314
Delta R.T. -0.000 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Tgt Ion: 94 Resp: 147
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

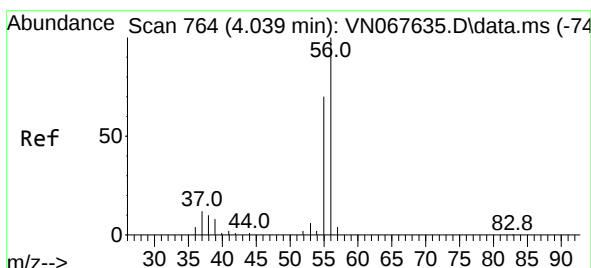
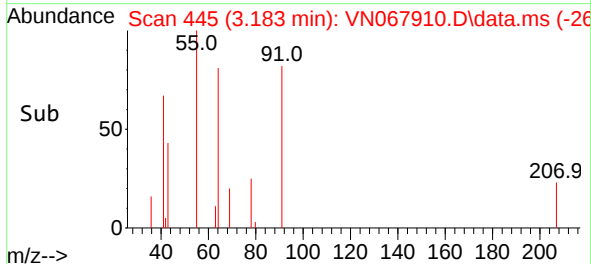
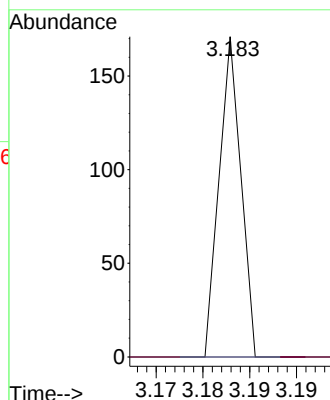
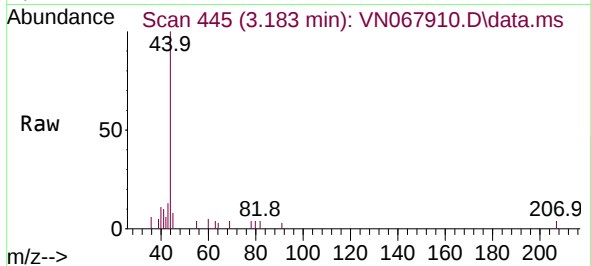




#6
Chloroethane
Concen: Below Cal
RT: 3.183 min Scan# 445
Delta R.T. 0.177 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

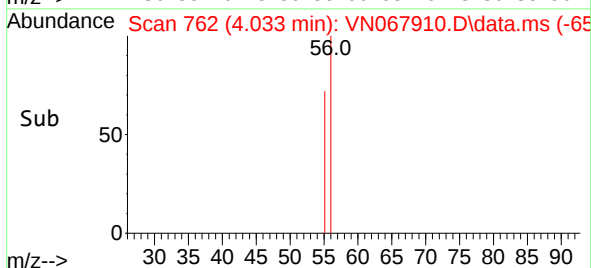
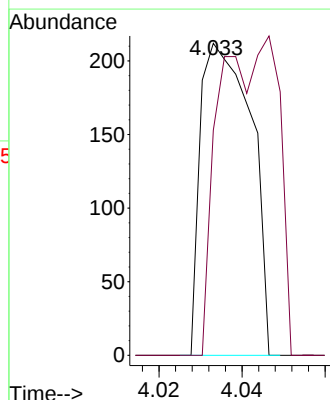
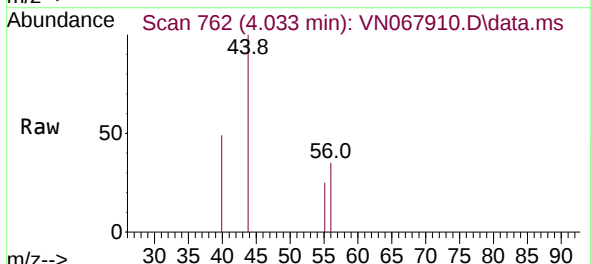
Instrument :
MSVOA_N
ClientSampled :

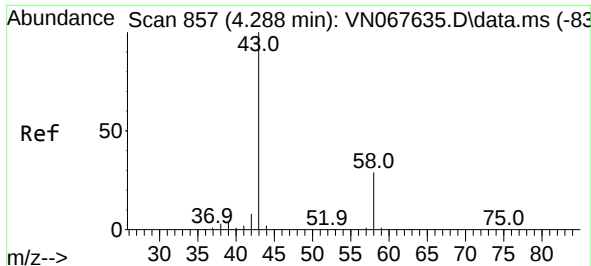
Tgt Ion: 64 Resp: 27
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Tgt Ion: 56 Resp: 179
Ion Ratio Lower Upper
56 100
55 66.5 57.4 86.0

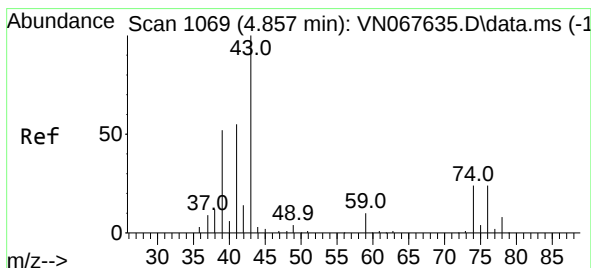
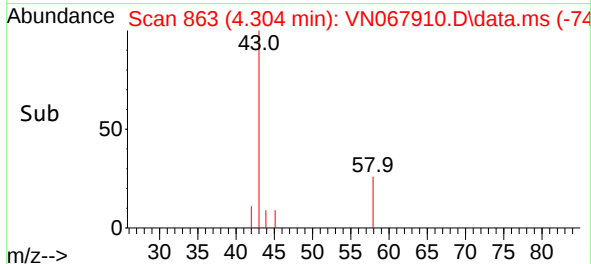
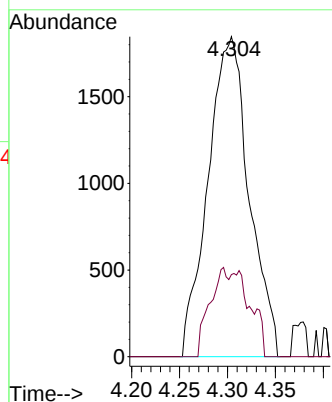
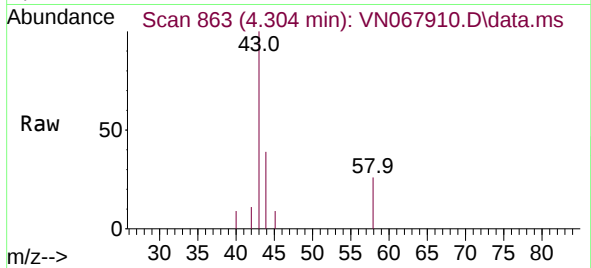




#16
Acetone
Concen: 3.741 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

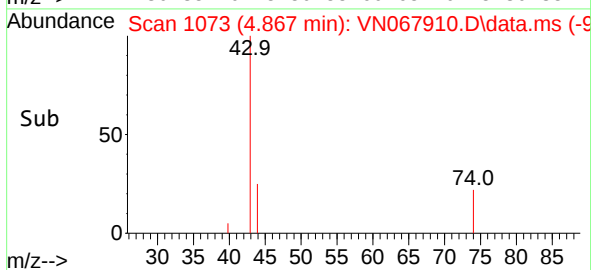
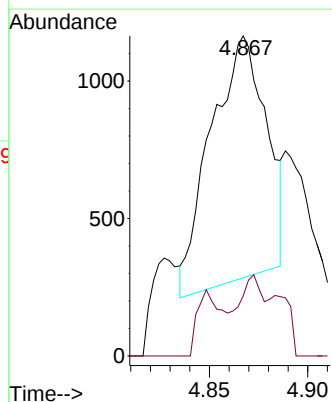
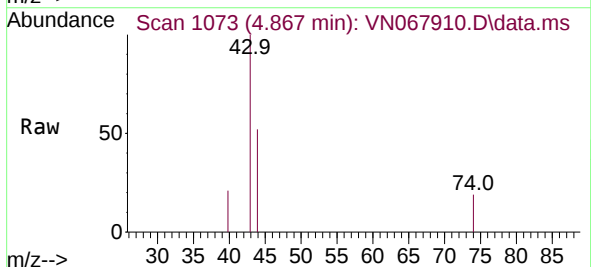
Instrument :
MSVOA_N
ClientSampleId :

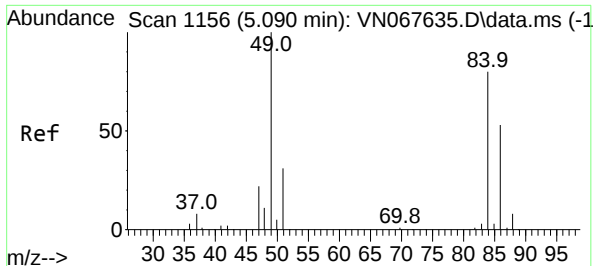
Tgt Ion: 43 Resp: 5509
Ion Ratio Lower Upper
43 100
58 25.7 21.2 31.8



#18
Methyl Acetate
Concen: 0.419 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

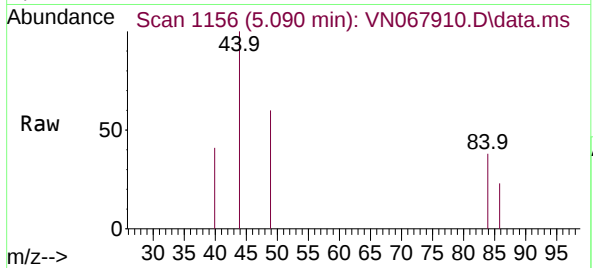
Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
74 5.9 17.4 26.0#





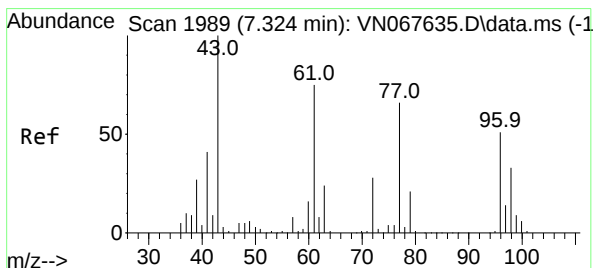
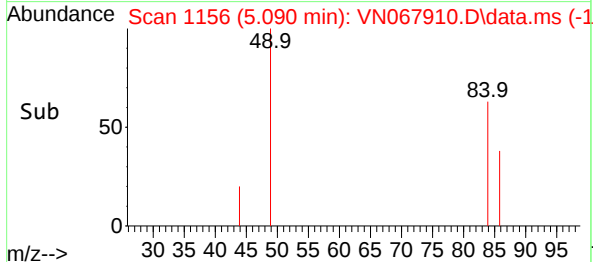
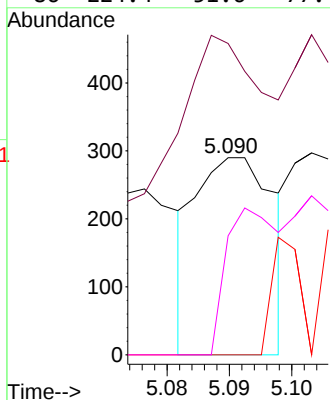
#20
Methylene Chloride
Concen: Below Cal
RT: 5.090 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 251

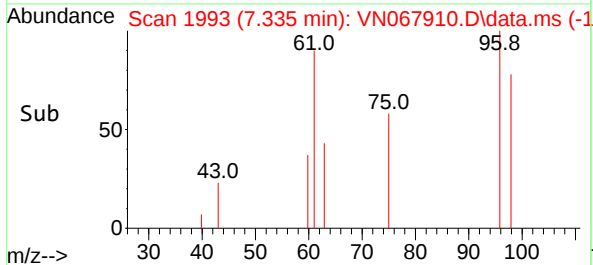
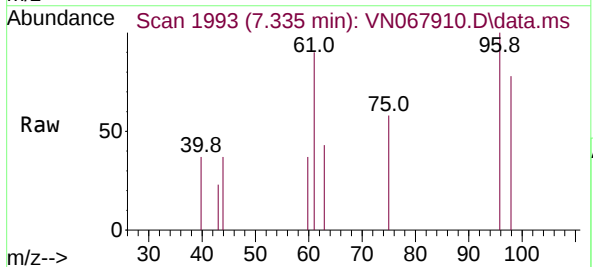
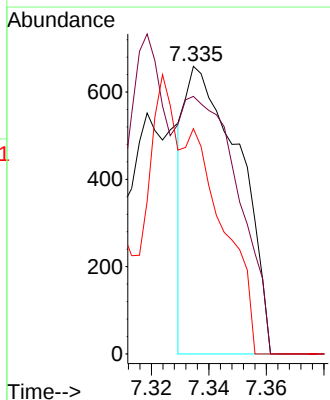
Ion	Ratio	Lower	Upper
84	100		
49	169.2	110.9	166.3#
51	0.0	32.6	49.0#
86	224.4	51.6	77.4#

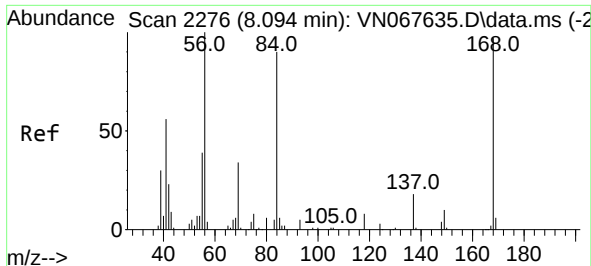


#27
cis-1,2-Dichloroethene
Concen: 0.214 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.011 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Tgt Ion: 96 Resp: 870

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	338.8
98	0.0	0.0	129.8

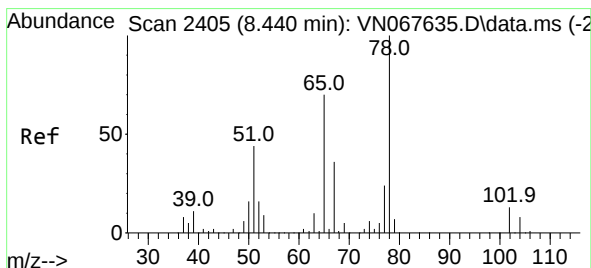
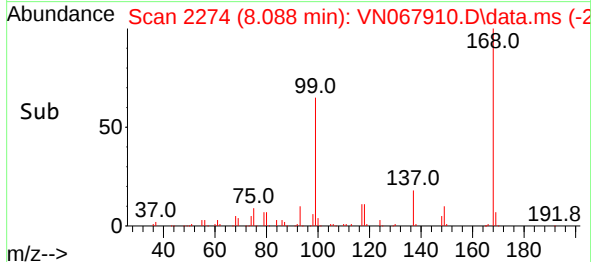
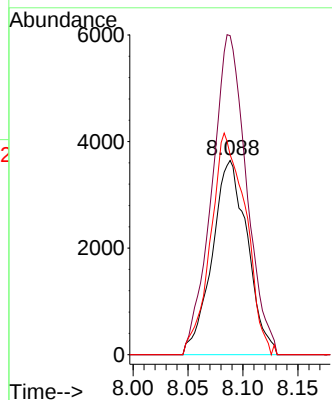
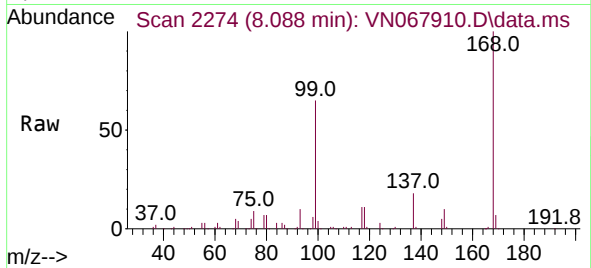




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

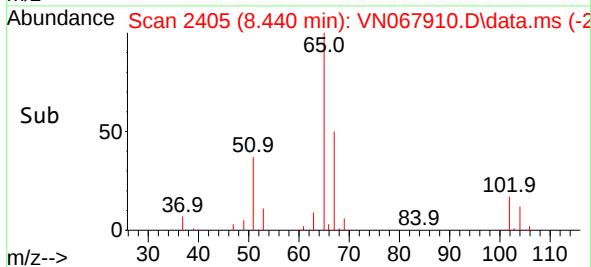
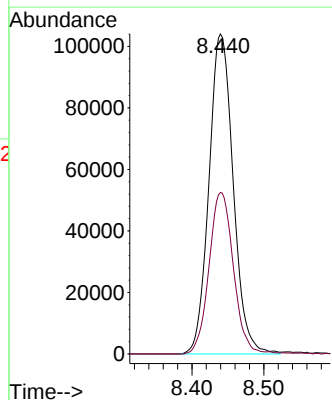
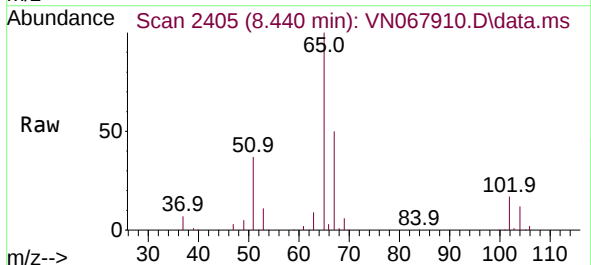
Instrument :
MSVOA_N
ClientSampleId :

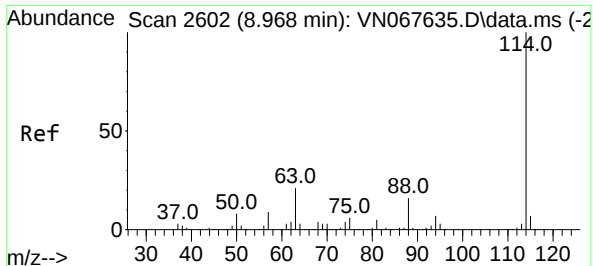
Tgt Ion: 56 Resp: 8124
Ion Ratio Lower Upper
56 100
69 164.2 27.3 40.9#
84 103.0 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 52.136 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Tgt Ion: 65 Resp: 243998
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6

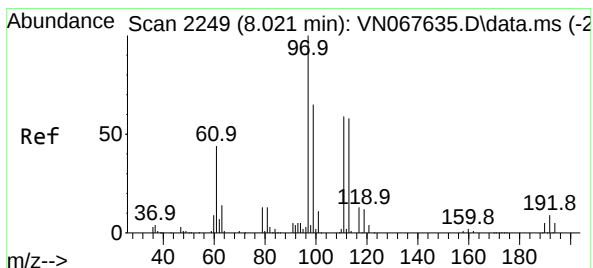
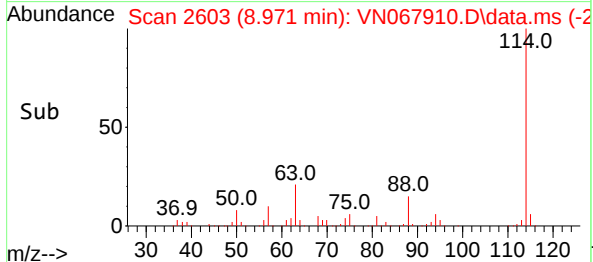
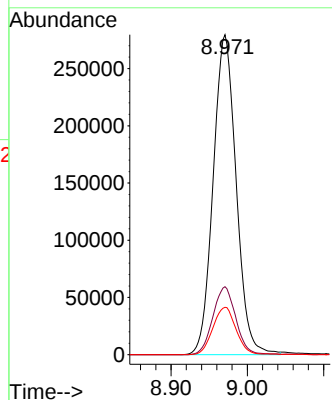
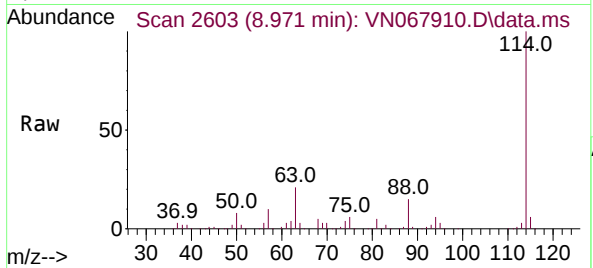




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

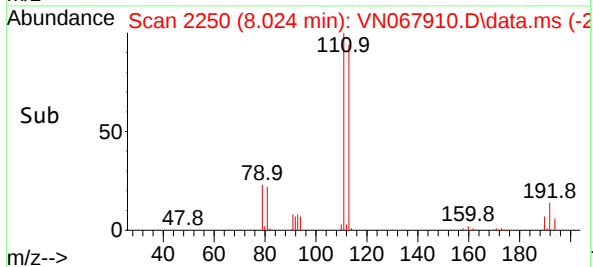
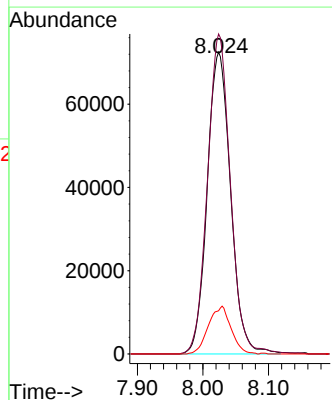
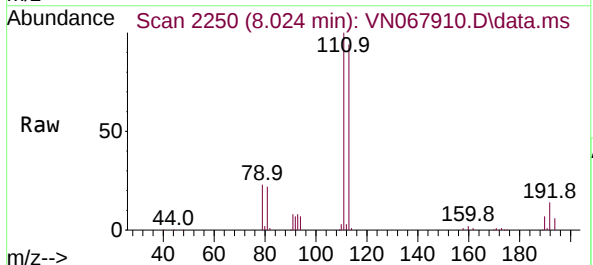
Instrument :
MSVOA_N
ClientSampleId :

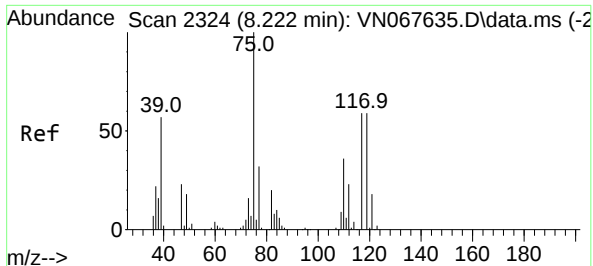
Tgt Ion:114 Resp: 585548
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.740 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Tgt Ion:113 Resp: 179504
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.8
192 15.3 13.4 20.0

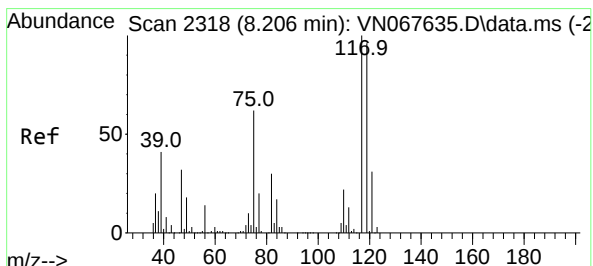
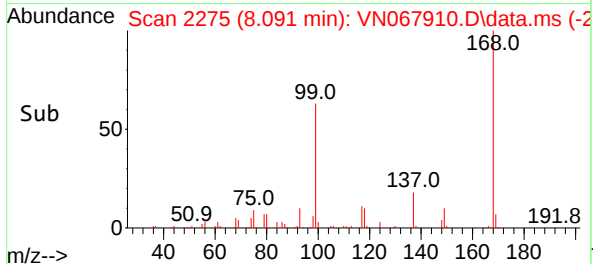
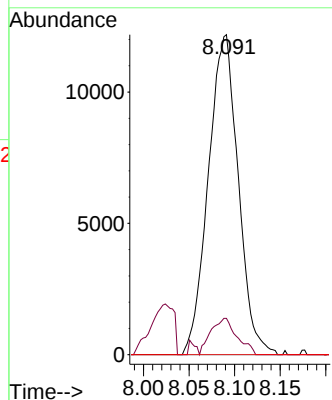
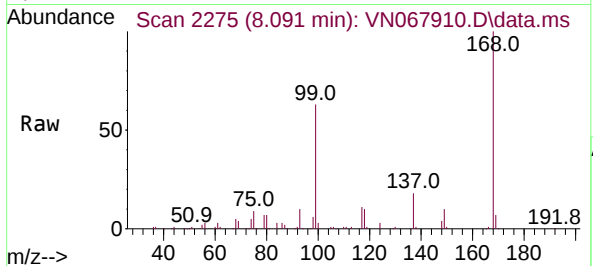




#36
1,1-Dichloropropene
Concen: 5.120 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

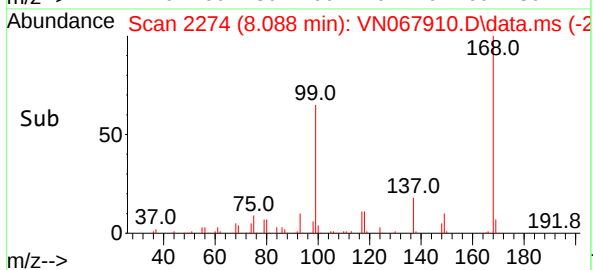
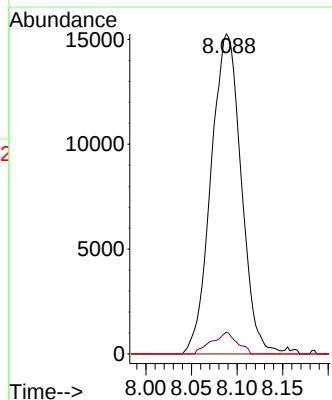
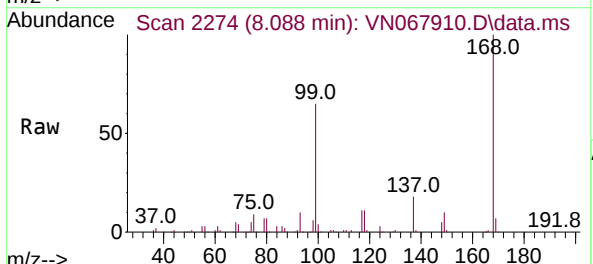
Instrument :
MSVOA_N
ClientSampled :

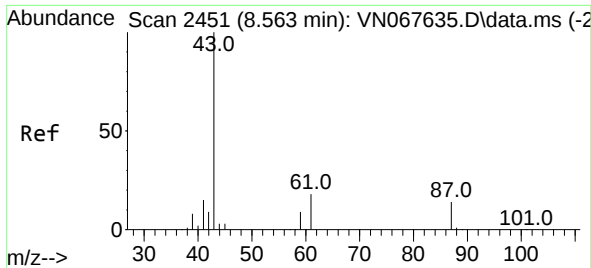
Tgt Ion: 75 Resp: 27850
Ion Ratio Lower Upper
75 100
110 9.9 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.549 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Tgt Ion: 117 Resp: 35138
Ion Ratio Lower Upper
117 100
119 6.8 75.4 113.2#
121 0.0 23.5 35.3#

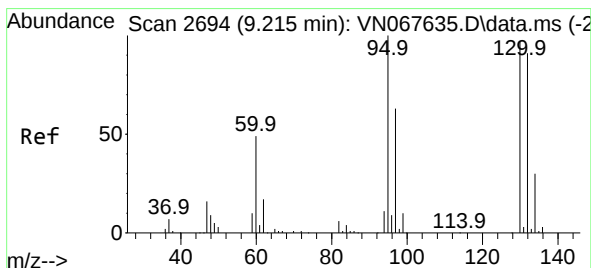
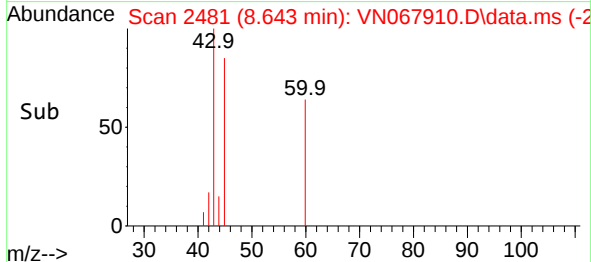
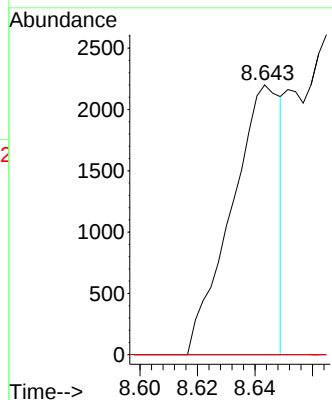
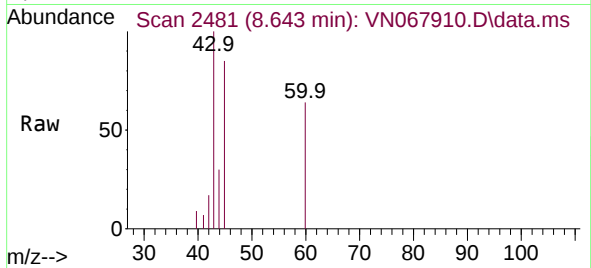




#43
Isopropyl Acetate
Concen: 0.282 ug/l
RT: 8.643 min Scan# 2481
Delta R.T. 0.080 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

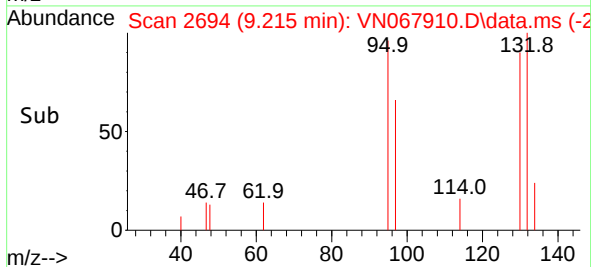
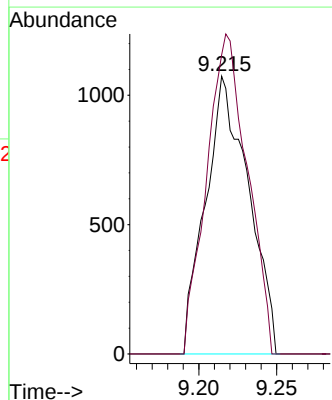
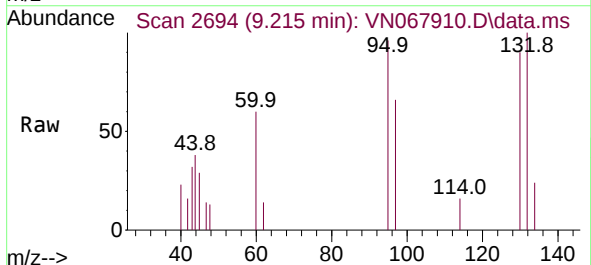
Instrument :
MSVOA_N
ClientSampled :

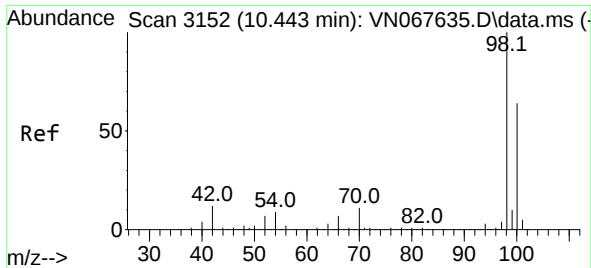
Tgt Ion: 43 Resp: 2612
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#44
Trichloroethene
Concen: 0.498 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Tgt Ion:130 Resp: 2058
Ion Ratio Lower Upper
130 100
95 107.6 0.0 234.4

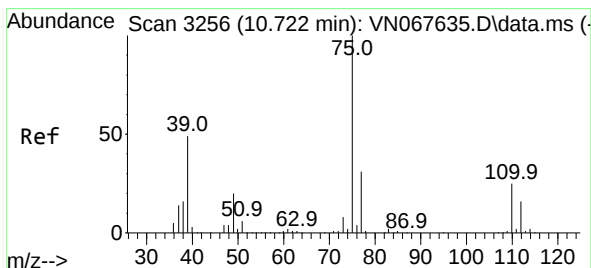
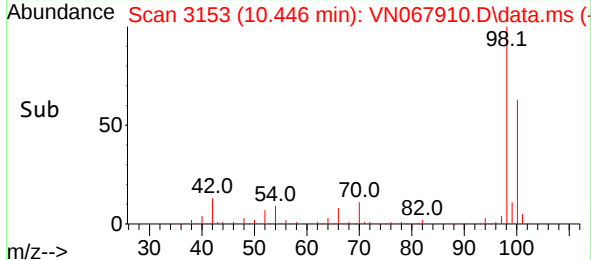
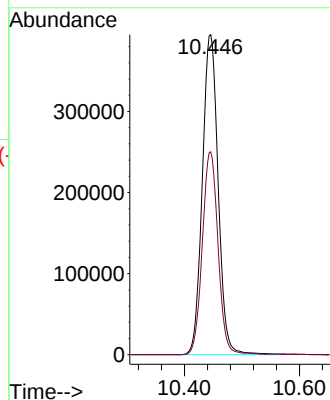
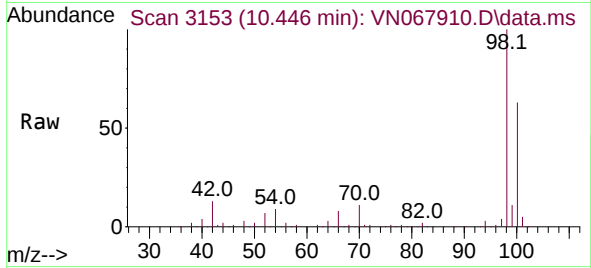




#50
Toluene-d8
Concen: 50.957 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

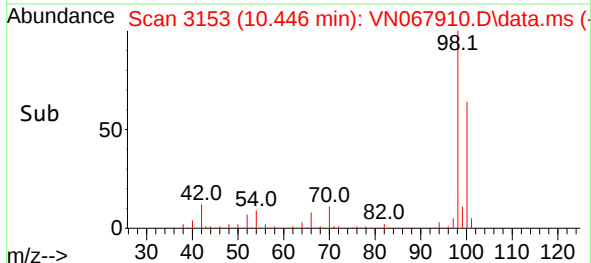
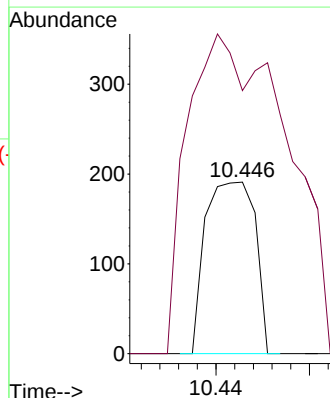
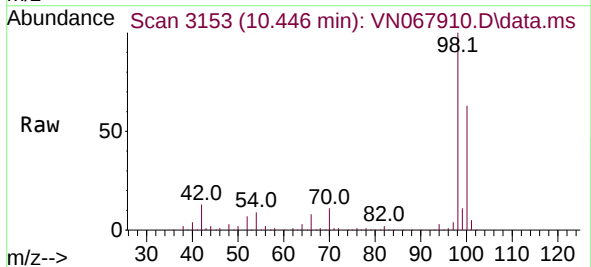
Instrument :
MSVOA_N
ClientSampleId :

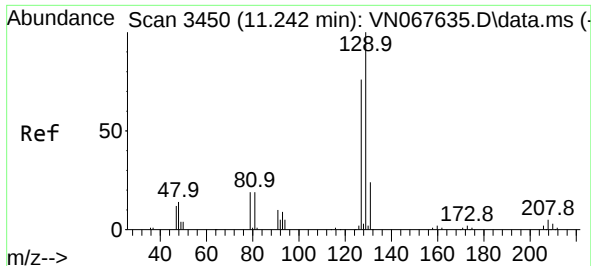
Tgt Ion: 98 Resp: 754578
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.764 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.276 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Tgt Ion: 75 Resp: 141
Ion Ratio Lower Upper
75 100
77 39.8 25.1 37.7#

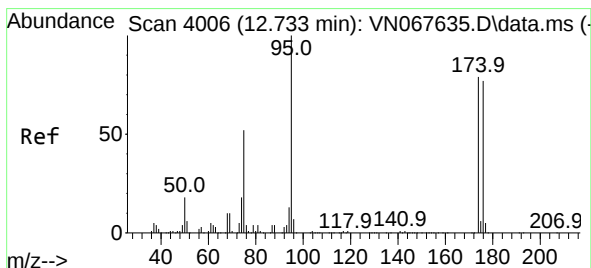
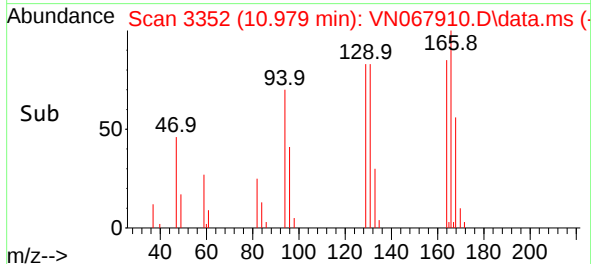
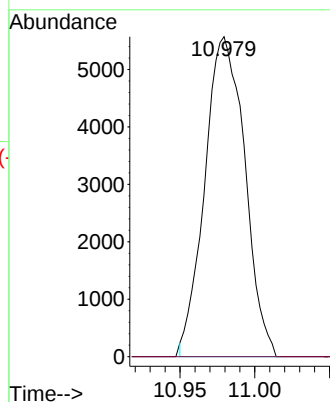
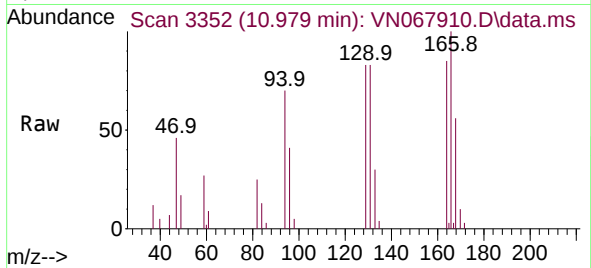




#60
Dibromochloromethane
Concen: 4.325 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.263 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

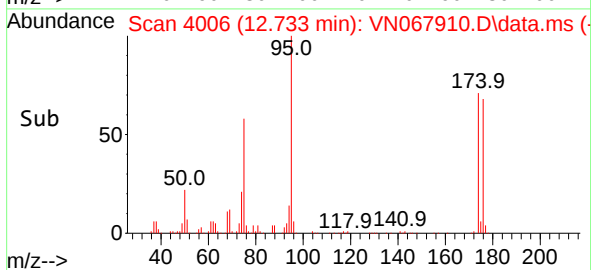
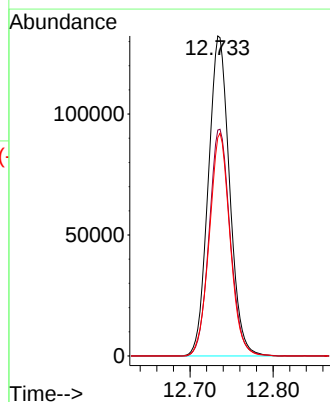
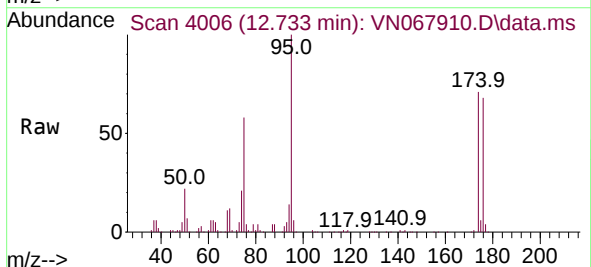
Instrument :
MSVOA_N
ClientSampleId :

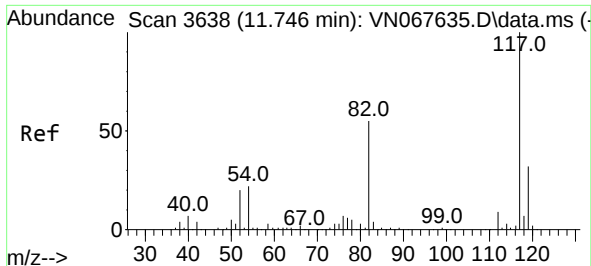
Tgt Ion:129 Resp: 10363
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 44.938 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

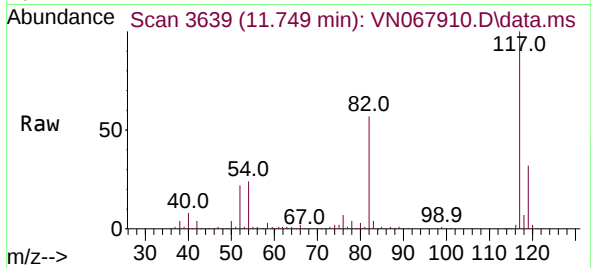
Tgt Ion: 95 Resp: 235072
Ion Ratio Lower Upper
95 100
174 70.4 0.0 122.0
176 67.7 0.0 117.6



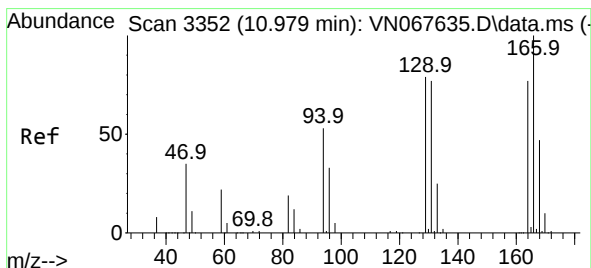
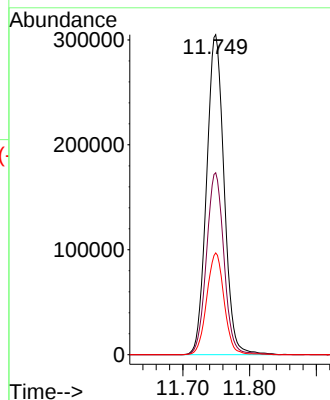
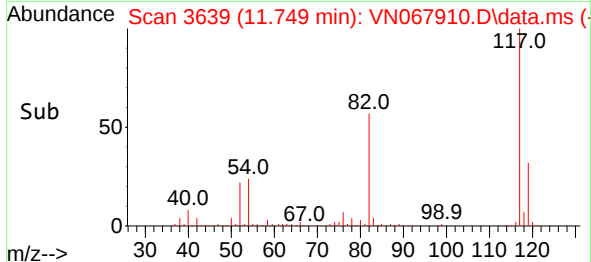


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

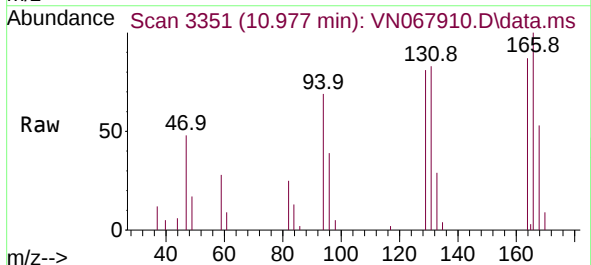
Instrument :
MSVOA_N
ClientSampleId :



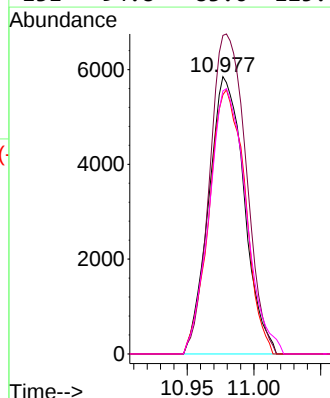
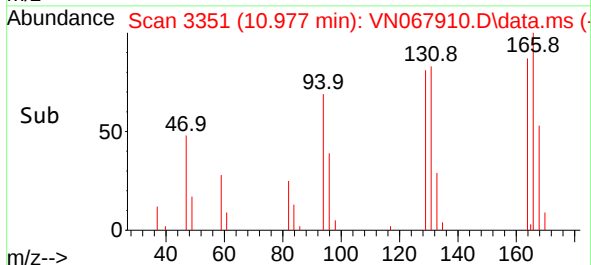
Tgt Ion:117 Resp: 557359
Ion Ratio Lower Upper
117 100
82 56.8 53.1 79.7
119 31.8 25.5 38.3

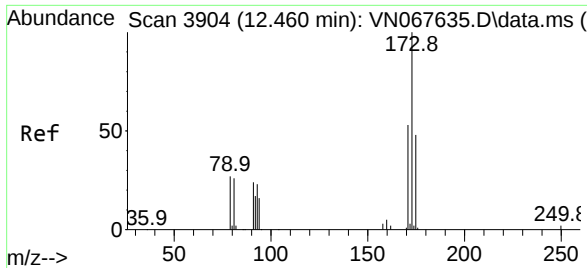


#64
Tetrachloroethene
Concen: 2.747 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27



Tgt Ion:164 Resp: 10809
Ion Ratio Lower Upper
164 100
166 114.9 102.1 153.1
129 93.5 86.9 130.3
131 94.8 83.6 125.4

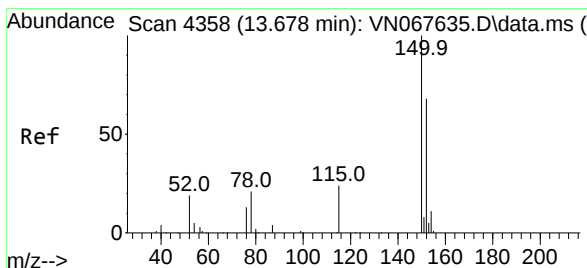
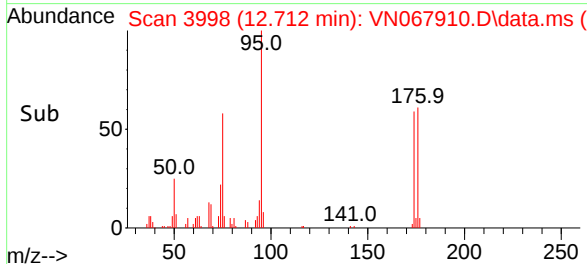
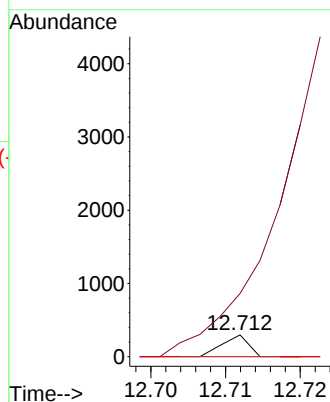
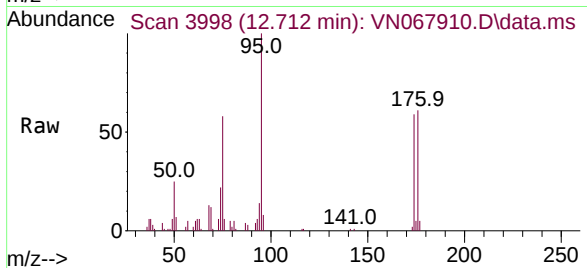




#71
Bromoform
Concen: 3.195 ug/l
RT: 12.712 min Scan# 3998
Delta R.T. 0.252 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

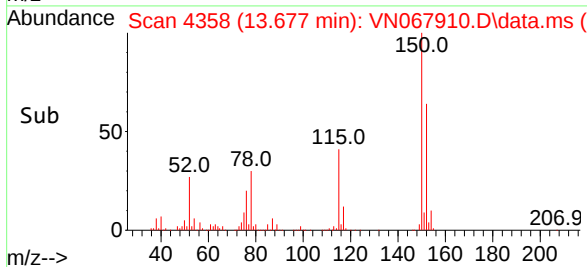
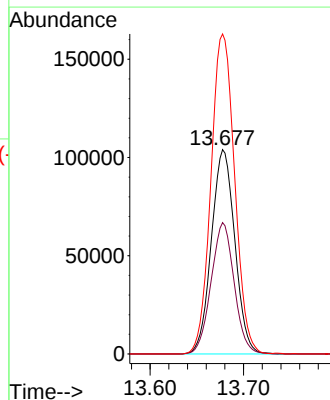
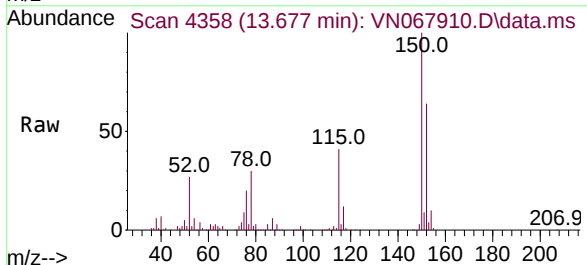
Instrument :
MSVOA_N
ClientSampleId :

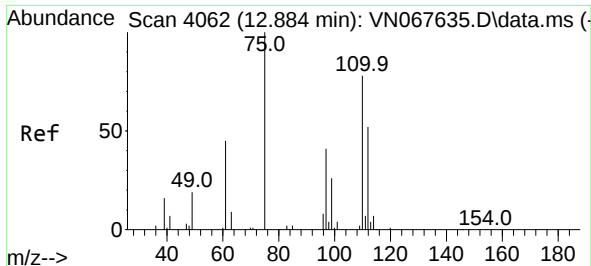
Tgt Ion:173 Resp: 73
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

Tgt Ion:152 Resp: 181717
Ion Ratio Lower Upper
152 100
115 63.2 36.1 108.5
150 158.1 0.0 351.8

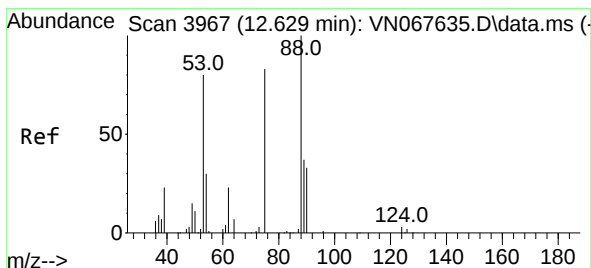
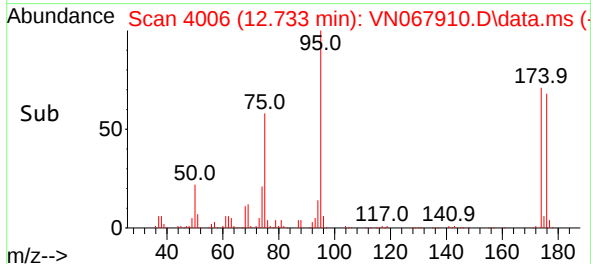
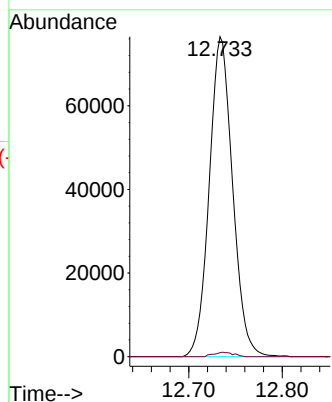
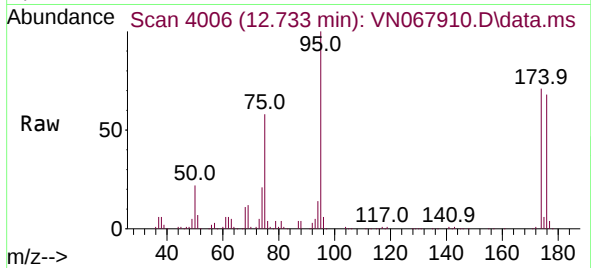




#76
1,2,3-Trichloropropane
Concen: 35.768 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

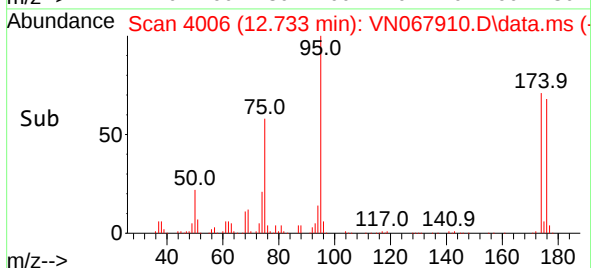
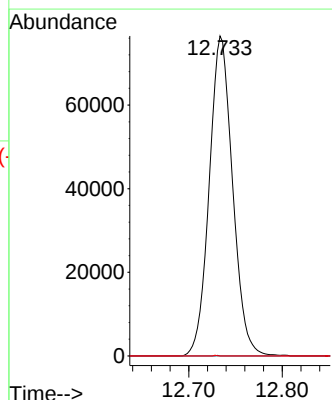
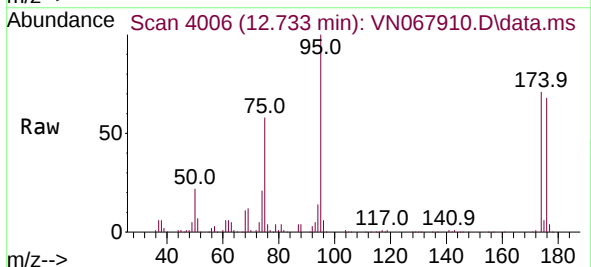
Instrument :
MSVOA_N
ClientSampled :

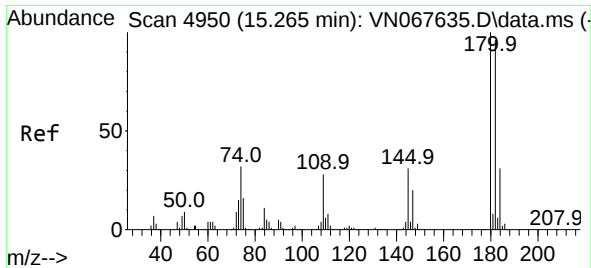
Tgt Ion: 75 Resp: 132733
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.318 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

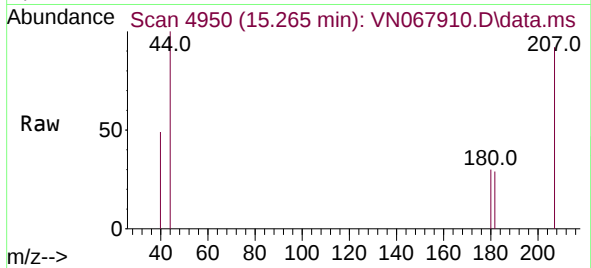
Tgt Ion: 75 Resp: 132733
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



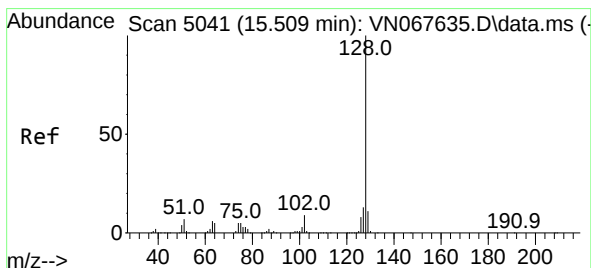
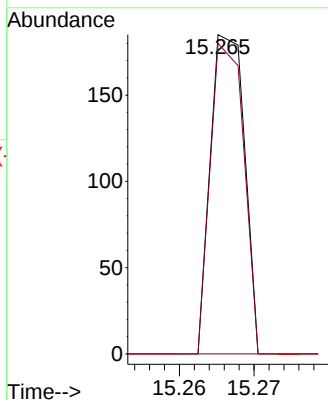
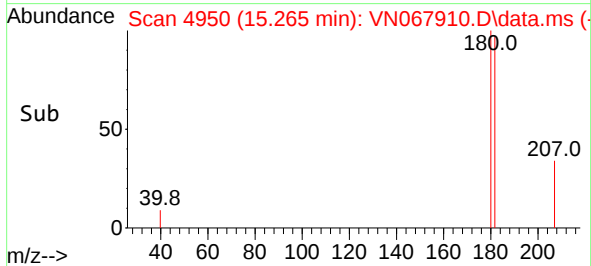


#93
1,2,4-Trichlorobenzene
Concen: 2.693 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27

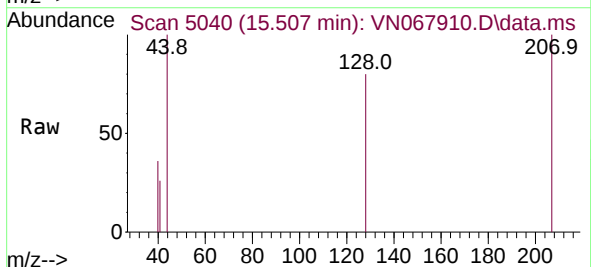
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 59
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 0.0 17.2 51.6#



#95
Naphthalene
Concen: 3.102 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067910.D
Acq: 26 Jul 2021 16:27



Tgt Ion:128 Resp: 846
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

