

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070359.D
 Acq On : 29 Dec 2021 19:40
 Operator : JC/MD
 Sample : M5128-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 01:52:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

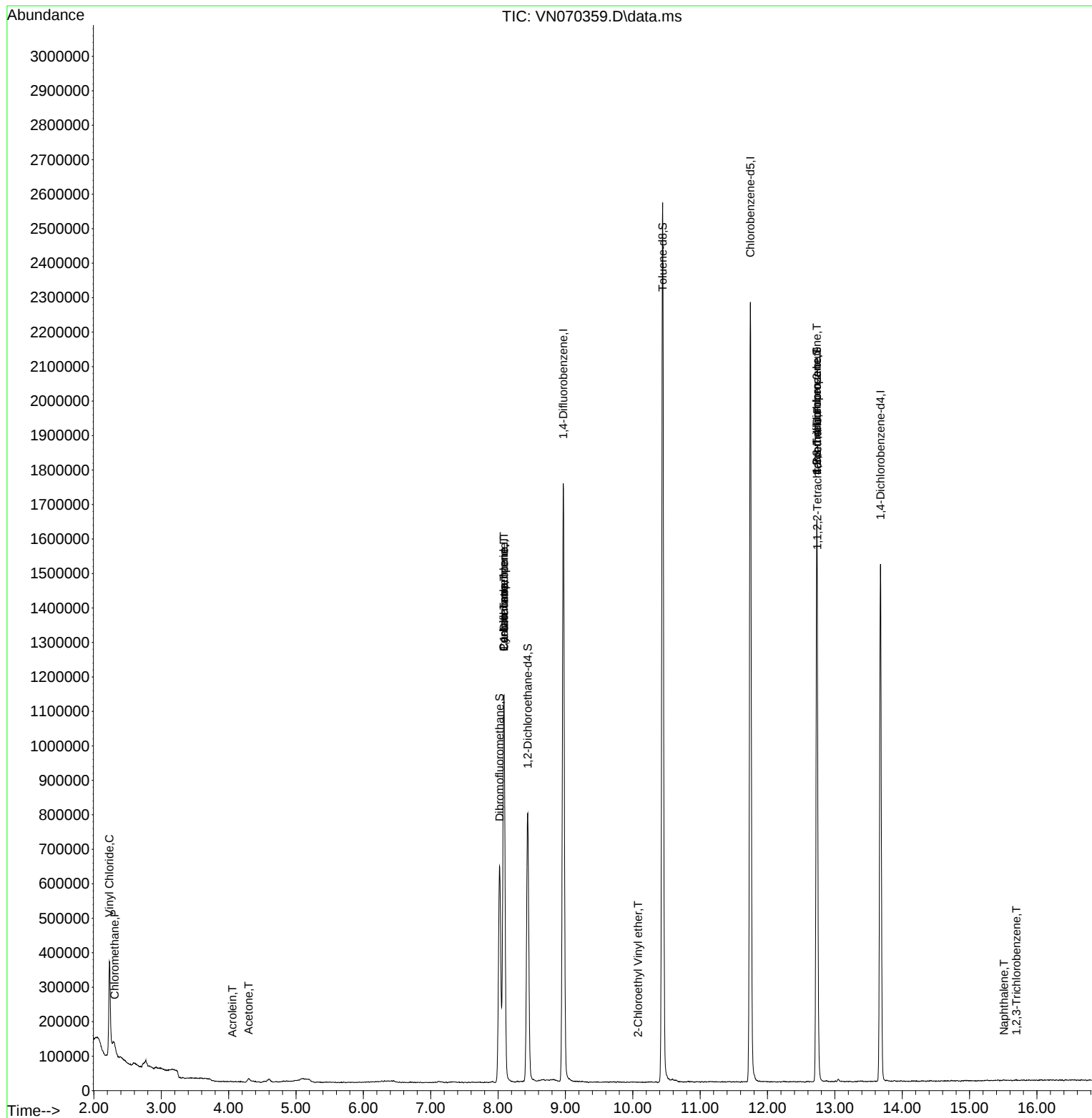
Internal Standards						
1) Pentafluorobenzene	8.088	168	860964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1465659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1299779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	408731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	657715	53.131	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.260%	
35) Dibromofluoromethane	8.021	113	467731	52.744	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.480%	
50) Toluene-d8	10.443	98	1753139	48.394	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.780%	
62) 4-Bromofluorobenzene	12.733	95	589257	45.036	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	4671	0.352	ug/l	97
4) Vinyl Chloride	2.231	62	2796	0.231	ug/l #	1
13) Acrolein	4.054	56	565	0.338	ug/l	84
16) Acetone	4.296	43	13785	1.715	ug/l	97
31) Cyclohexane	8.085	56	20177	1.033	ug/l #	13
36) 1,1-Dichloropropene	8.085	75	72634	4.951	ug/l #	48
38) Carbon Tetrachloride	8.088	117	84781	6.052	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.081	63	25	18.518	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.739	83	471	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	316078	27.427	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	316078	94.481	ug/l #	5
95) Naphthalene	15.509	128	1319	1.865	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.694	180	128	0.846	ug/l #	57

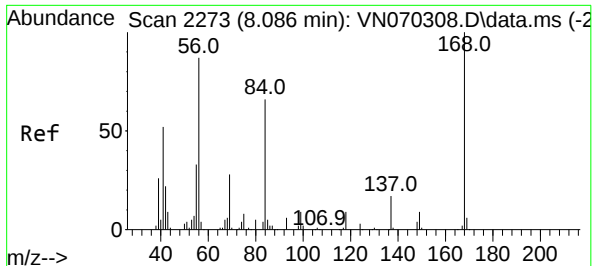
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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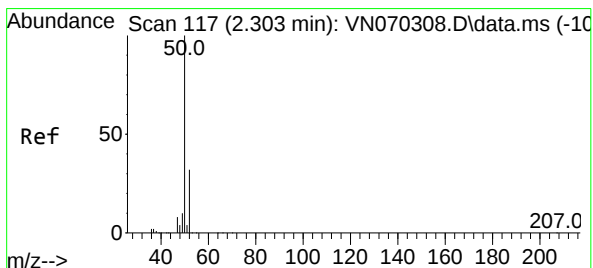
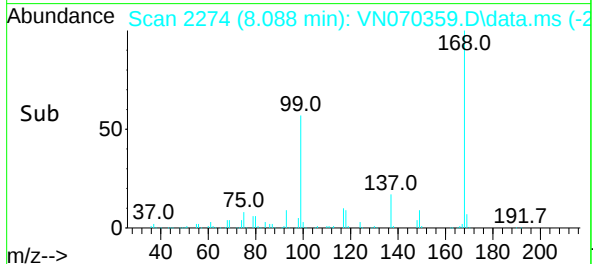
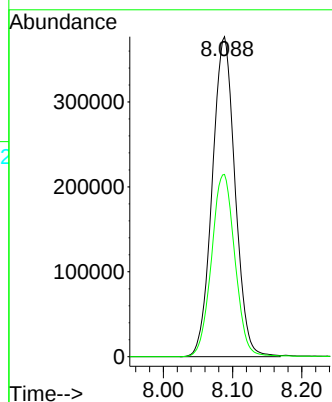
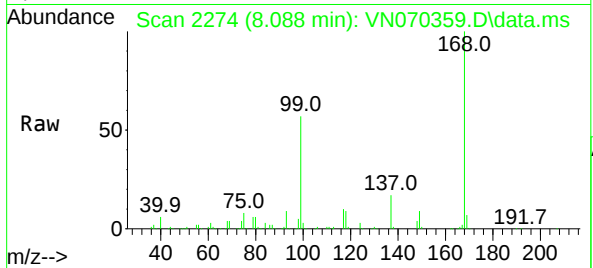




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

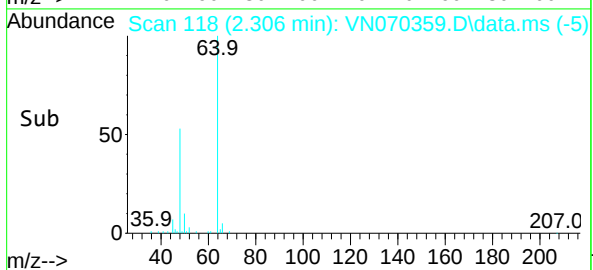
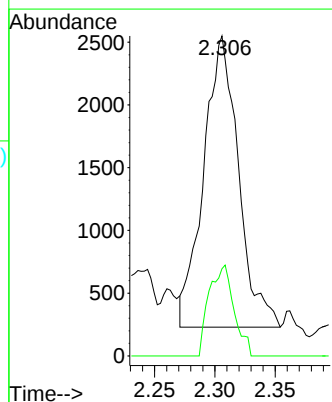
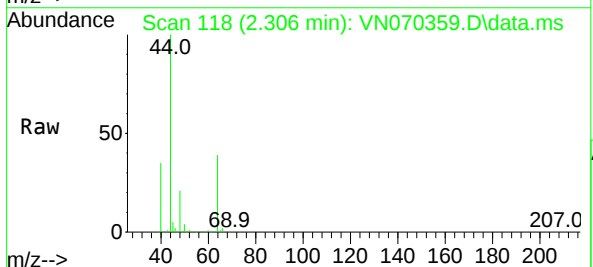
Instrument :
MSVOA_N
ClientSampleId :

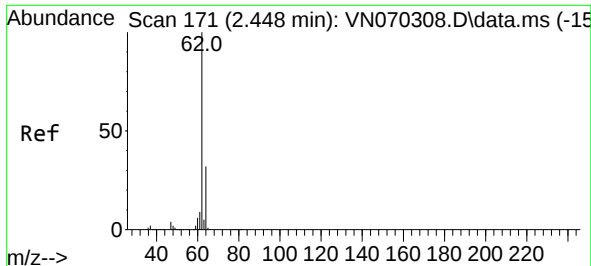
Tgt Ion:168 Resp: 860964
Ion Ratio Lower Upper
168 100
99 56.9 41.3 61.9



#3
Chloromethane
Concen: 0.352 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

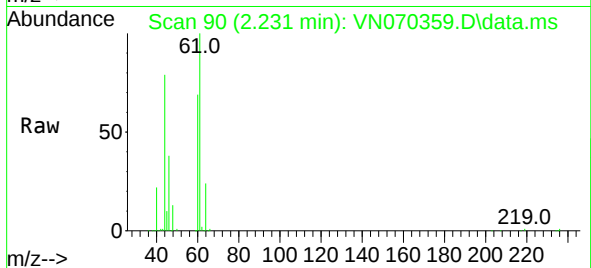
Tgt Ion: 50 Resp: 4671
Ion Ratio Lower Upper
50 100
52 29.9 25.4 38.0



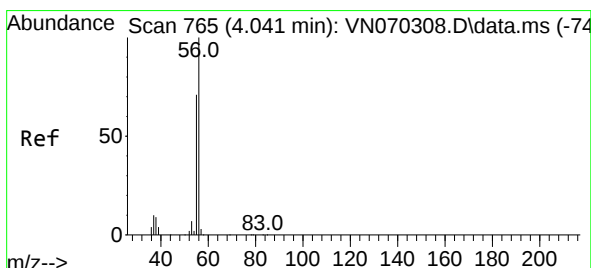
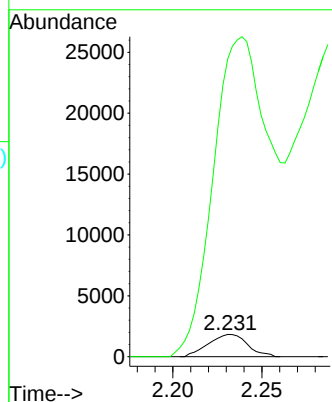
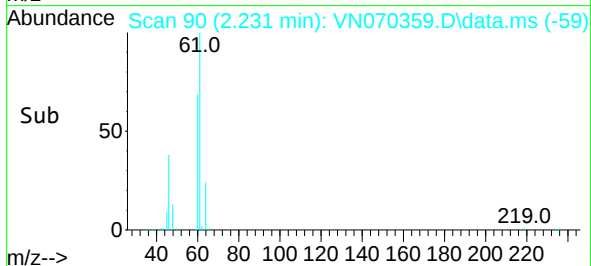


#4
 Vinyl Chloride
 Concen: 0.231 ug/l
 RT: 2.231 min Scan# 90
 Delta R.T. -0.217 min
 Lab File: VN070359.D
 Acq: 29 Dec 2021 19:40

Instrument :
 MSVOA_N
 ClientSampleId :

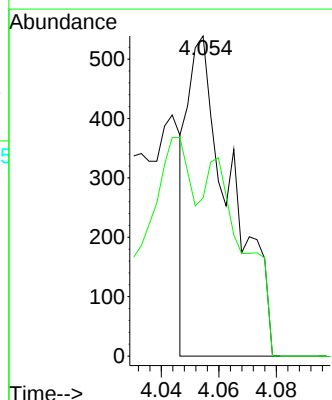
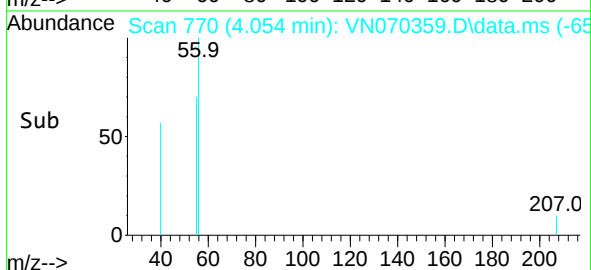
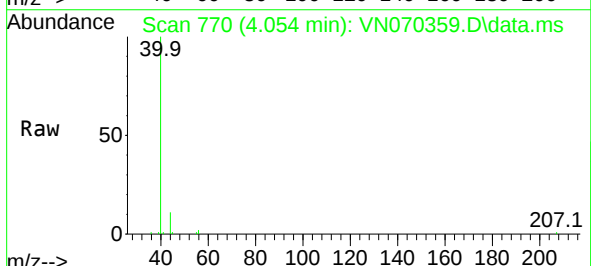


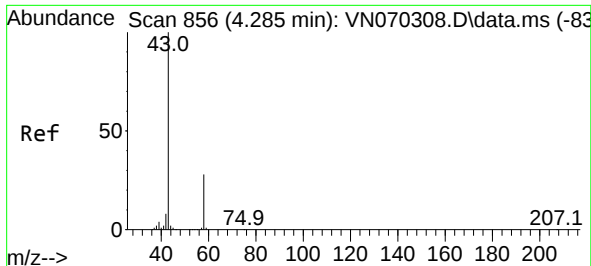
Tgt Ion: 62 Resp: 2796
 Ion Ratio Lower Upper
 62 100
 64 1299.7 25.8 38.6#



#13
 Acrolein
 Concen: 0.338 ug/l
 RT: 4.054 min Scan# 770
 Delta R.T. 0.013 min
 Lab File: VN070359.D
 Acq: 29 Dec 2021 19:40

Tgt Ion: 56 Resp: 565
 Ion Ratio Lower Upper
 56 100
 55 84.1 56.6 85.0

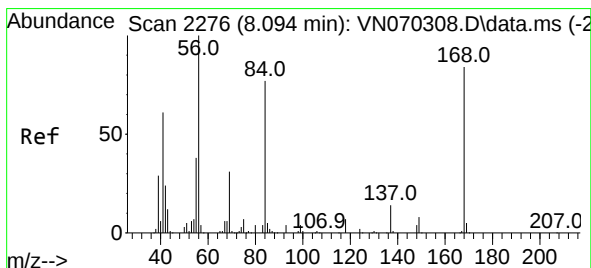
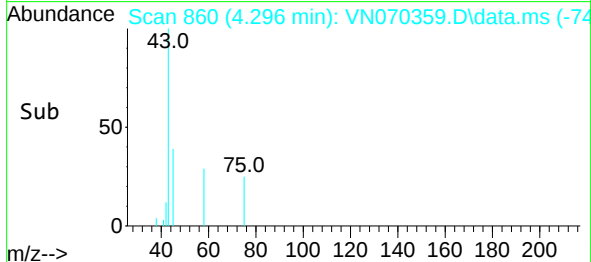
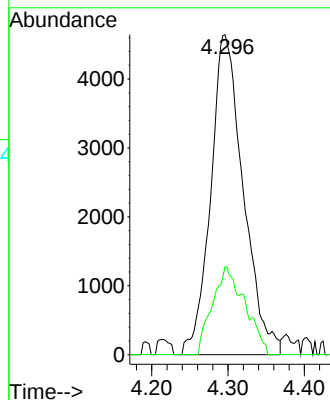
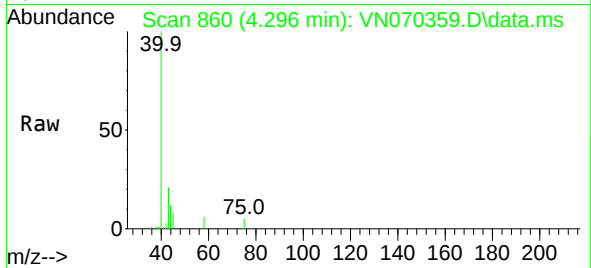




#16
Acetone
Concen: 1.715 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

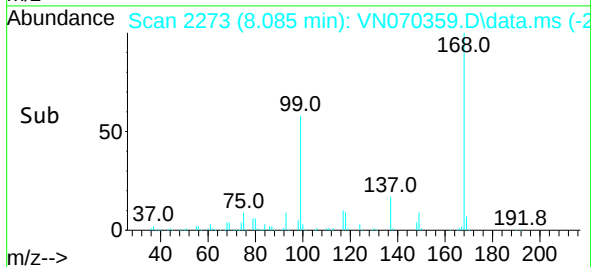
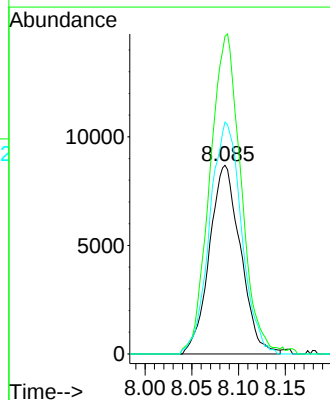
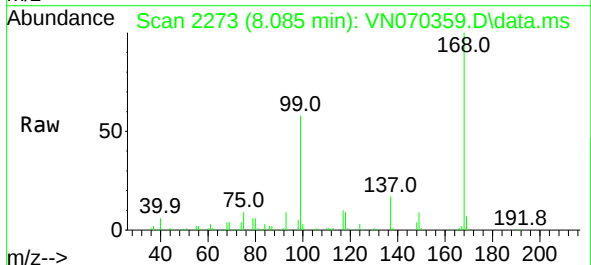
Instrument :
MSVOA_N
ClientSampleId :

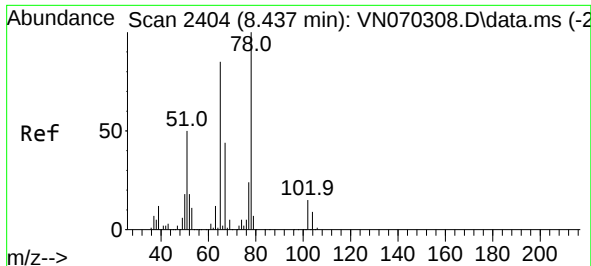
Tgt Ion: 43 Resp: 13785
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.009 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

Tgt Ion: 56 Resp: 20177
Ion Ratio Lower Upper
56 100
69 168.4 27.1 40.7#
84 123.0 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 53.131 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070359.D

Acq: 29 Dec 2021 19:40

Instrument :

MSVOA_N

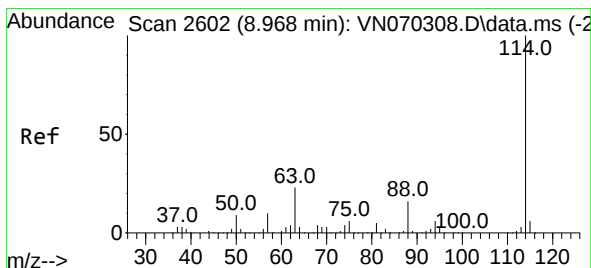
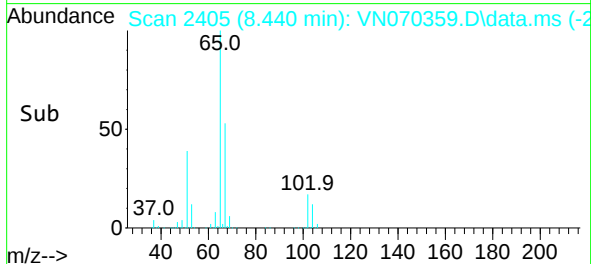
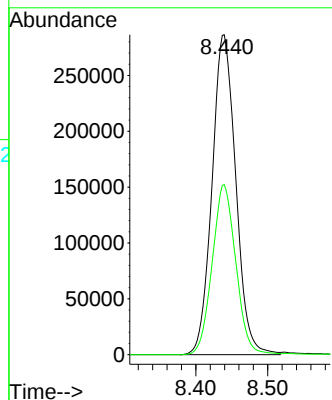
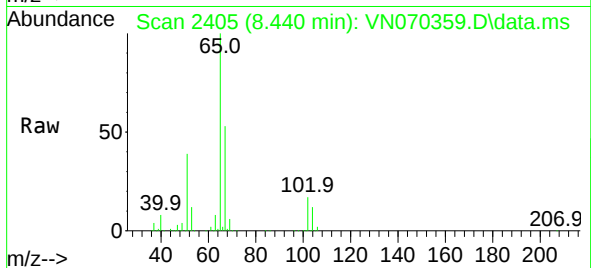
ClientSampleId :

Tgt Ion: 65 Resp: 657715

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070359.D

Acq: 29 Dec 2021 19:40

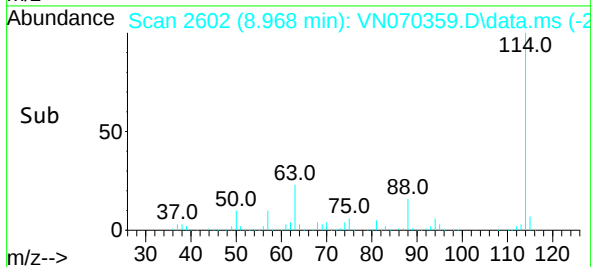
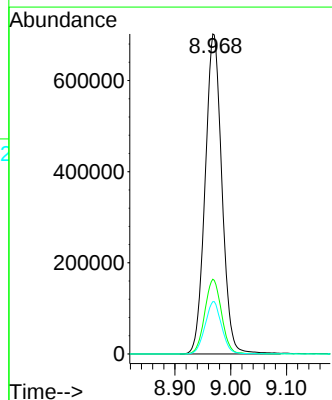
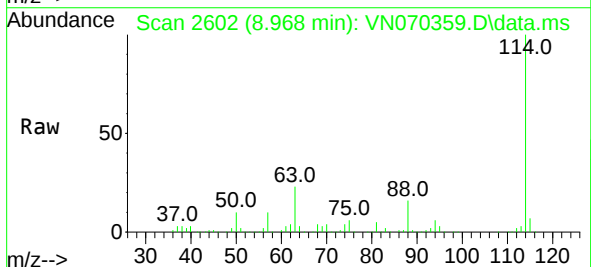
Tgt Ion: 114 Resp: 1465659

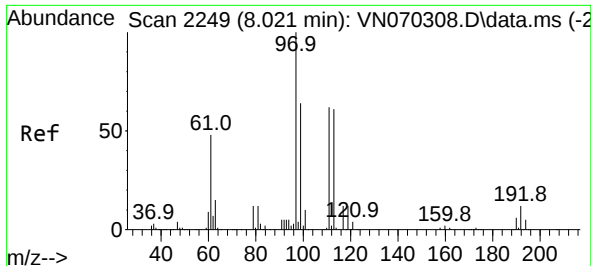
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.3 0.0 27.4

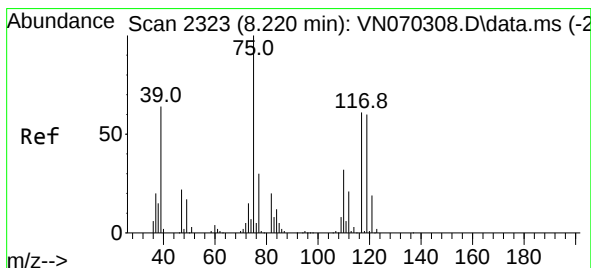
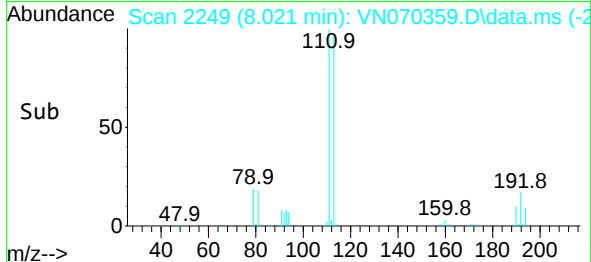
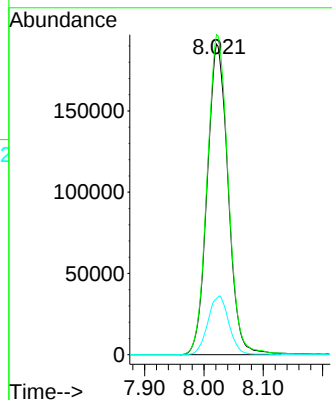
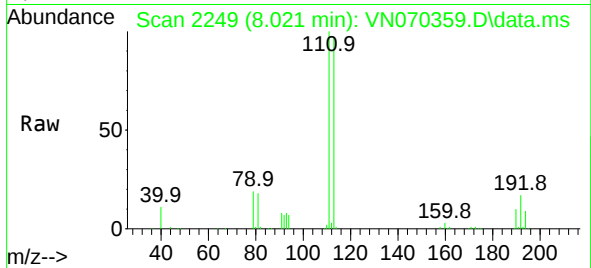




#35
Dibromofluoromethane
Concen: 52.744 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

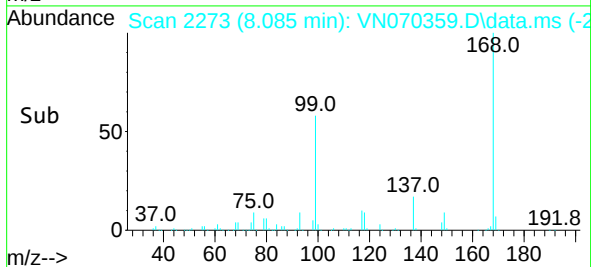
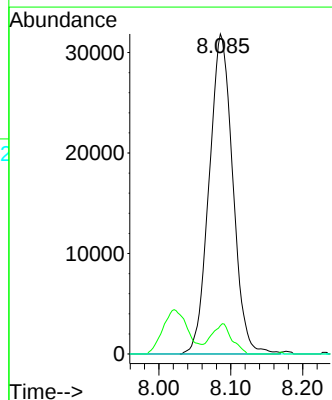
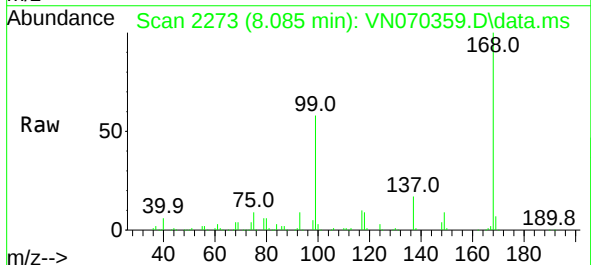
Instrument :
MSVOA_N
ClientSampleId :

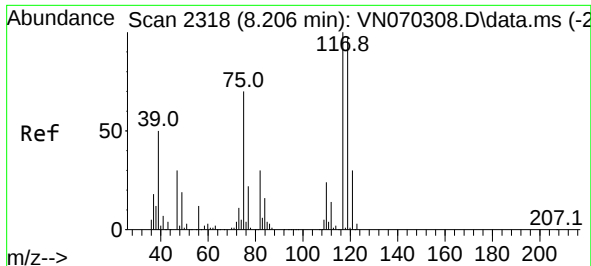
Tgt Ion:113 Resp: 467731
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.135 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

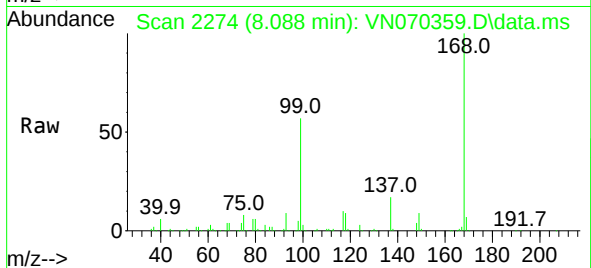
Tgt Ion: 75 Resp: 72634
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#



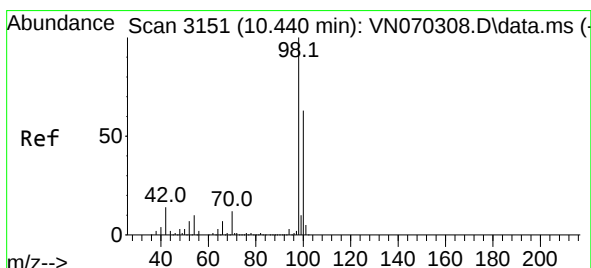
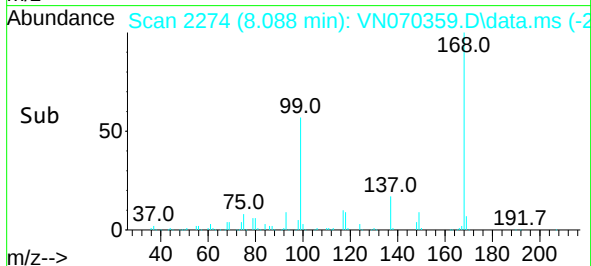
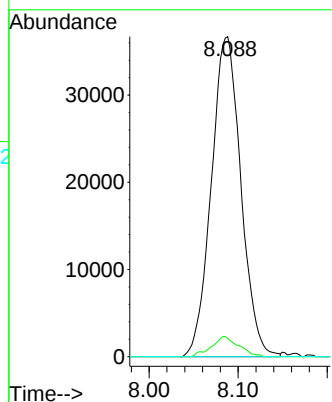


#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

Instrument :
MSVOA_N
ClientSampleId :

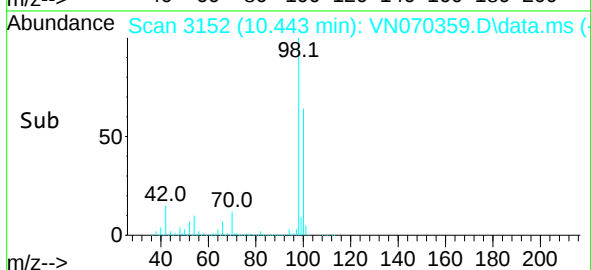
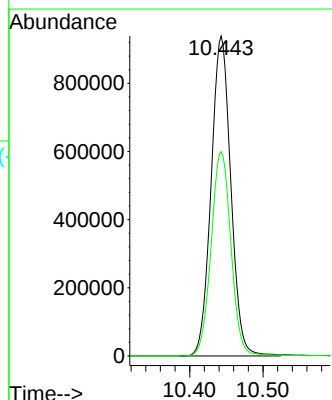
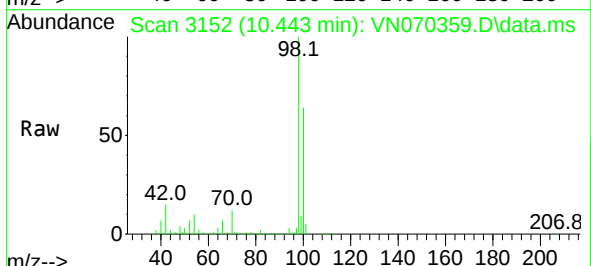


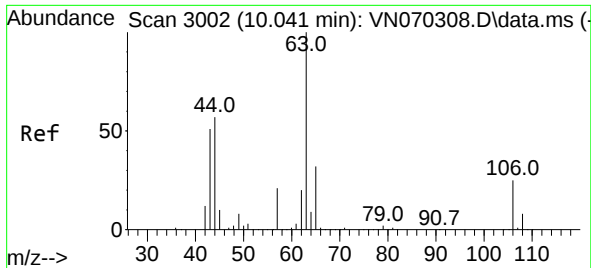
Tgt Ion:117 Resp: 84781
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.394 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

Tgt Ion: 98 Resp: 1753139
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

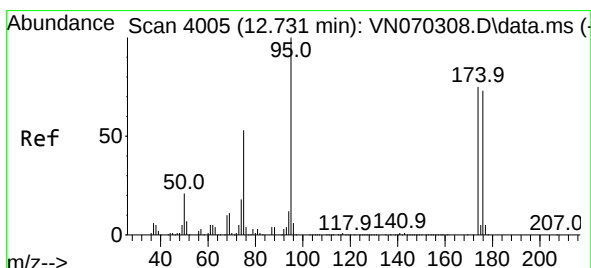
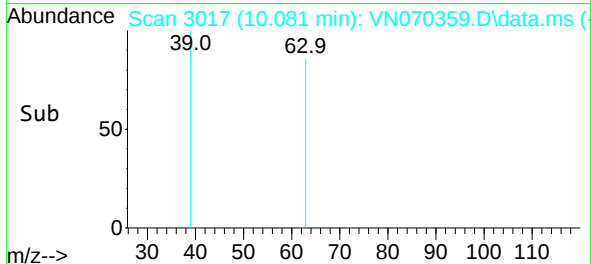
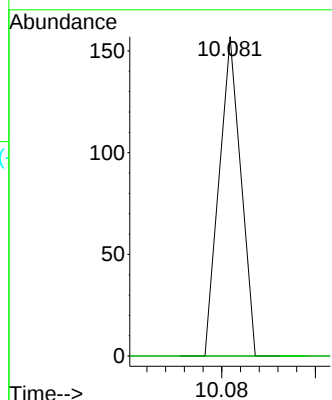
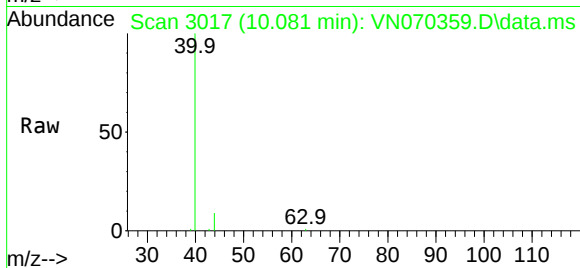




#58
2-Chloroethyl Vinyl ether
Concen: 18.518 ug/l
RT: 10.081 min Scan# 3002
Delta R.T. 0.040 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

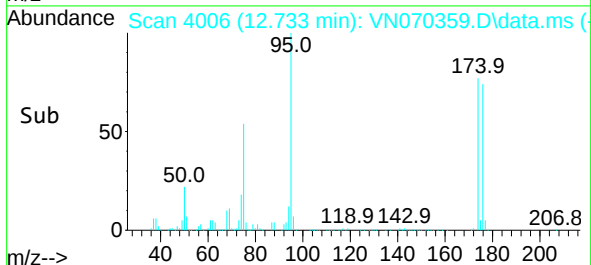
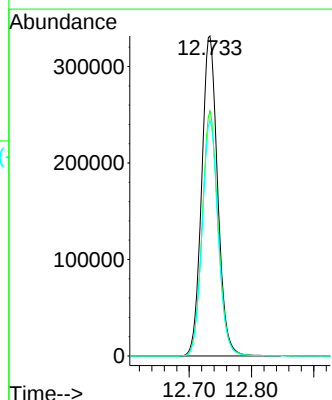
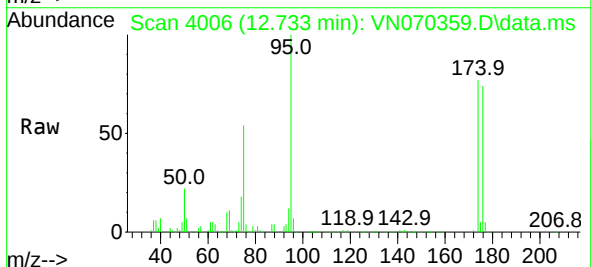
Instrument :
MSVOA_N
ClientSampleId :

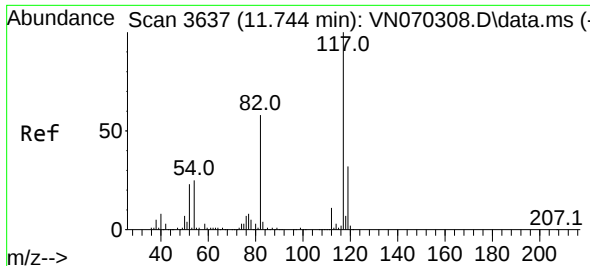
Tgt Ion: 63 Resp: 25
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 45.036 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

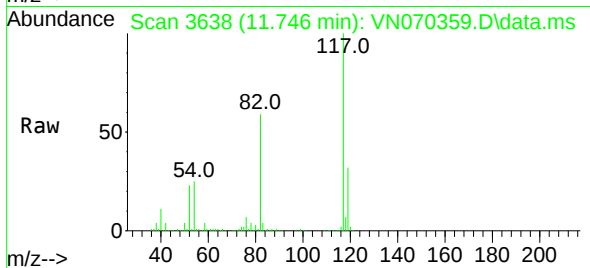
Tgt Ion: 95 Resp: 589257
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.8 0.0 181.4



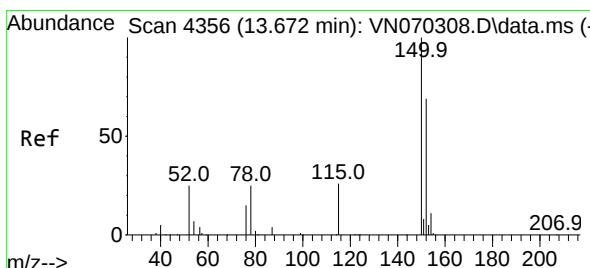
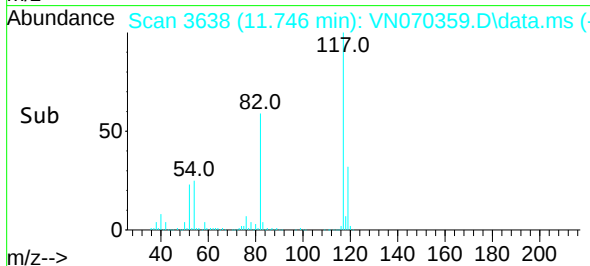
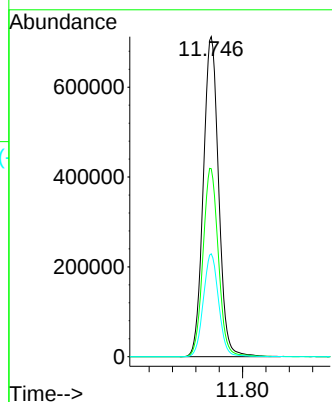


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3637
Delta R.T. 0.002 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

Instrument :
MSVOA_N
ClientSampleId :

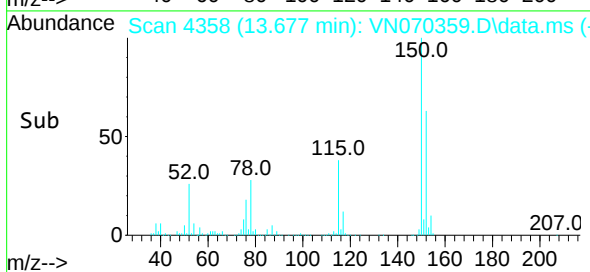
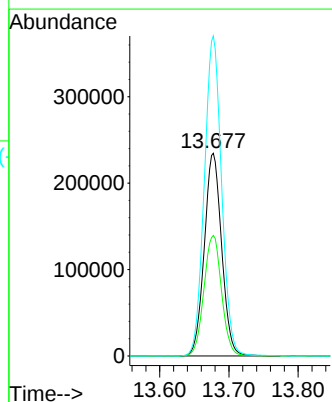
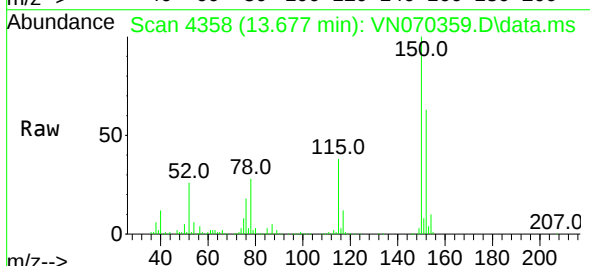


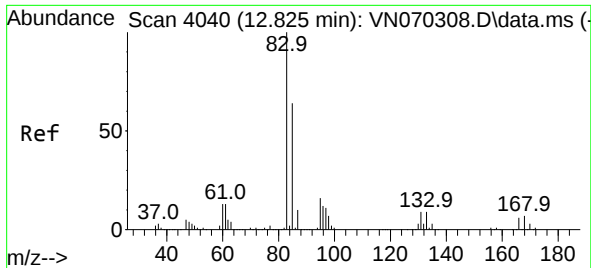
Tgt Ion:117 Resp: 1299779
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.005 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

Tgt Ion:152 Resp: 408731
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 157.0 0.0 344.4

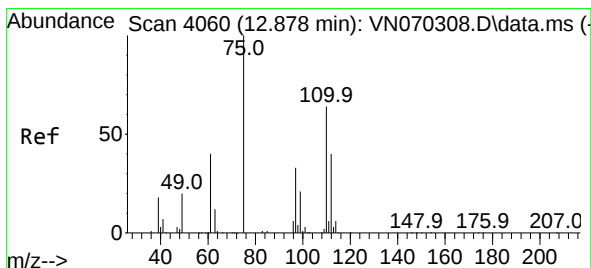
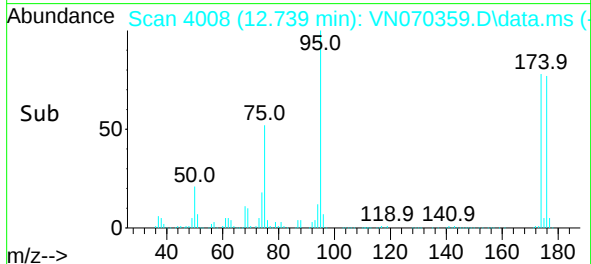
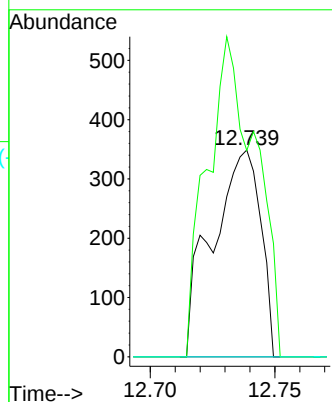
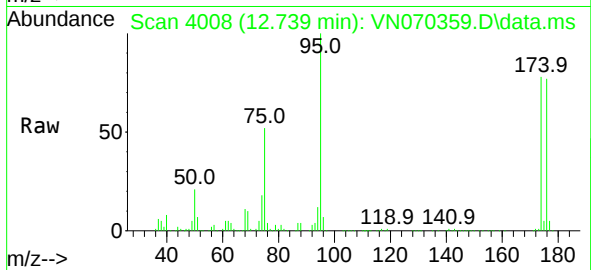




#75
1,1,2,2-Tetrachloroethane
Concen: 0.481 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. -0.086 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

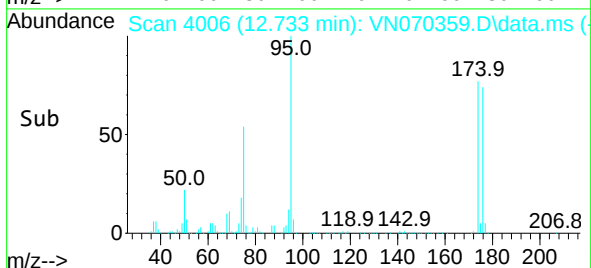
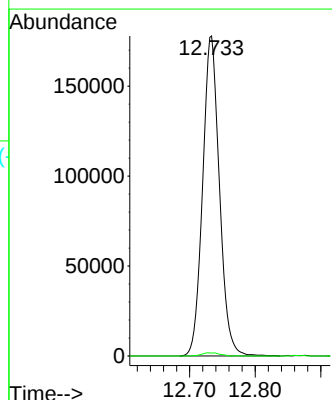
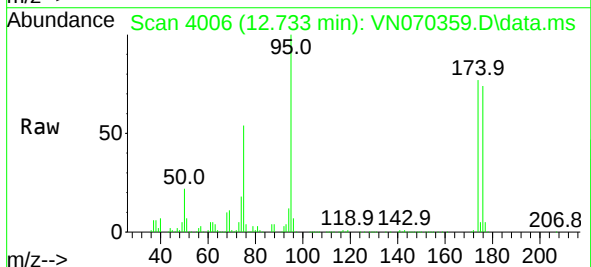
Instrument :
MSVOA_N
ClientSampleId :

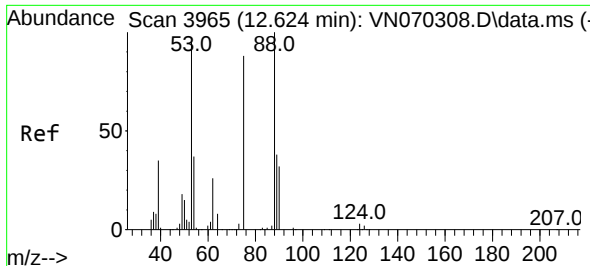
Tgt Ion: 83 Resp: 471
Ion Ratio Lower Upper
83 100
131 155.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 27.427 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.145 min
Lab File: VN070359.D
Acq: 29 Dec 2021 19:40

Tgt Ion: 75 Resp: 316078
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

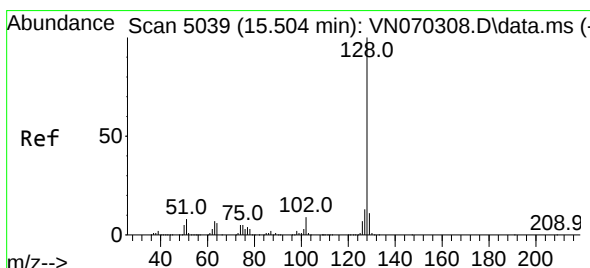
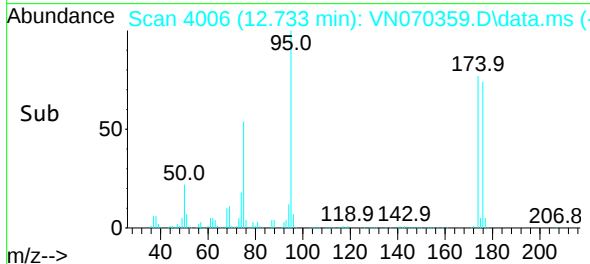
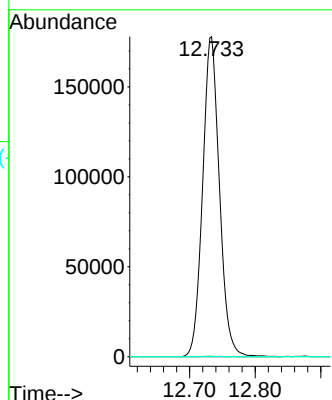
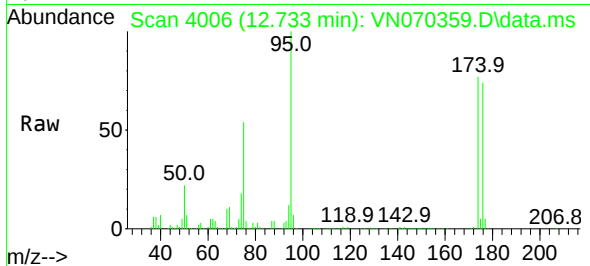




#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.481 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. 0.109 min
 Lab File: VN070359.D
 Acq: 29 Dec 2021 19:40

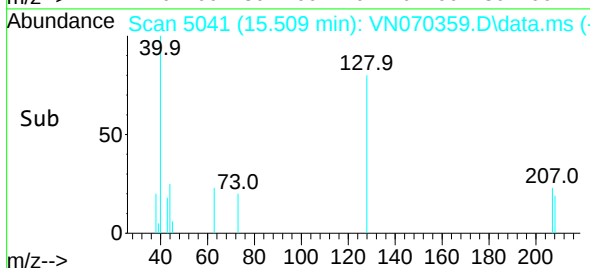
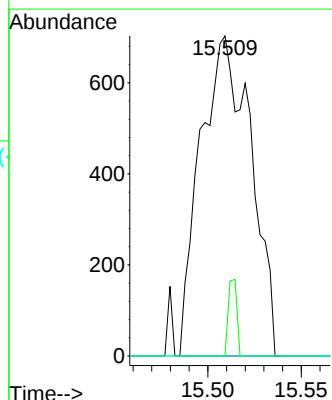
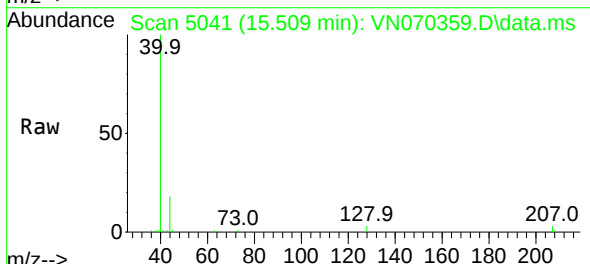
Instrument :
 MSVOA_N
 ClientSampleId :

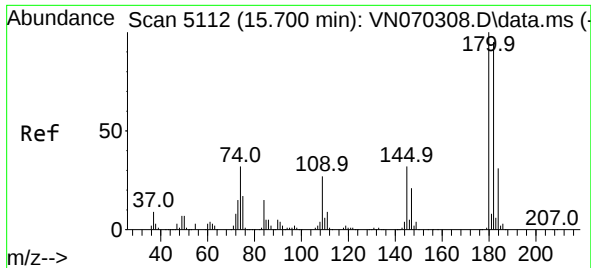
Tgt Ion: 75 Resp: 316078
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 38.2 57.4#



#95
 Naphthalene
 Concen: 1.865 ug/l
 RT: 15.509 min Scan# 5041
 Delta R.T. 0.005 min
 Lab File: VN070359.D
 Acq: 29 Dec 2021 19:40

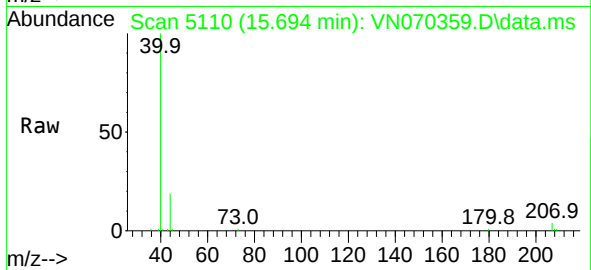
Tgt Ion: 128 Resp: 1319
 Ion Ratio Lower Upper
 128 100
 127 4.1 10.5 15.7#
 129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.846 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN070359.D
 Acq: 29 Dec 2021 19:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 128
 Ion Ratio Lower Upper
 180 100
 182 132.8 47.4 142.2
 145 0.0 15.0 45.1#

