

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070354.D
 Acq On : 29 Dec 2021 17:32
 Operator : JC/MD
 Sample : M5115-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 01:51:37 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)

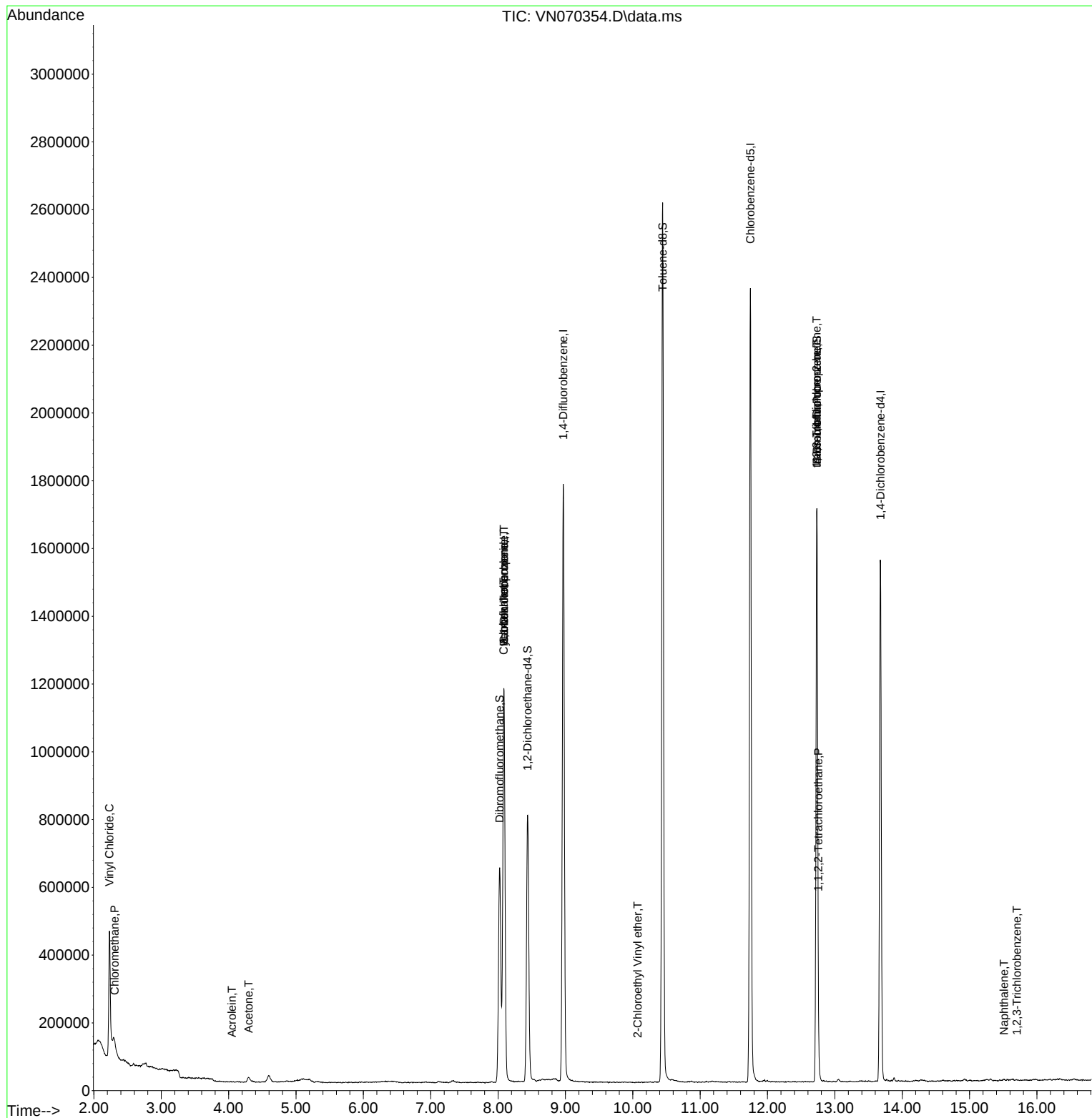
Internal Standards						
1) Pentafluorobenzene	8.088	168	886317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1509206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1343969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	431837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	672587	52.779	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.560%			
35) Dibromofluoromethane	8.024	113	479715	52.534	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.060%			
50) Toluene-d8	10.443	98	1788571	47.947	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.900%			
62) 4-Bromofluorobenzene	12.734	95	609187	45.215	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.440%			
Target Compounds						Qvalue
3) Chloromethane	2.306	50	5691	0.416	ug/l	90
4) Vinyl Chloride	2.231	62	4088	0.328	ug/l #	1
13) Acrolein	4.047	56	734	0.426	ug/l	96
16) Acetone	4.296	43	22761	2.751	ug/l	92
31) Cyclohexane	8.083	56	21751	1.082	ug/l #	16
36) 1,1-Dichloropropene	8.086	75	74311	4.919	ug/l #	48
38) Carbon Tetrachloride	8.086	117	88108	6.108	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.070	63	302	18.573	ug/l #	45
71) Bromoform	12.734	173	4018	0.532	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.752	83	24	0.449	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	326397	26.869	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	326397	92.345	ug/l #	5
95) Naphthalene	15.512	128	3359	1.961	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.703	180	423	0.887	ug/l #	91

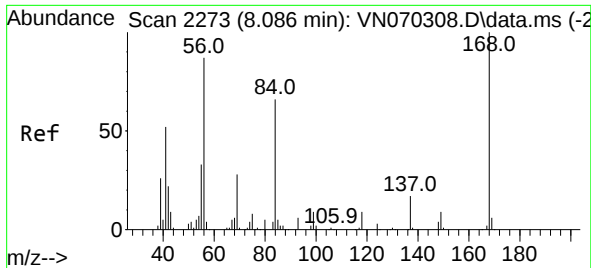
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
Data File : VN070354.D
Acq On : 29 Dec 2021 17:32
Operator : JC/MD
Sample : M5115-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 30 01:51:37 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

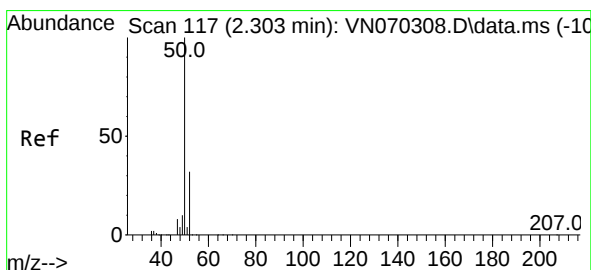
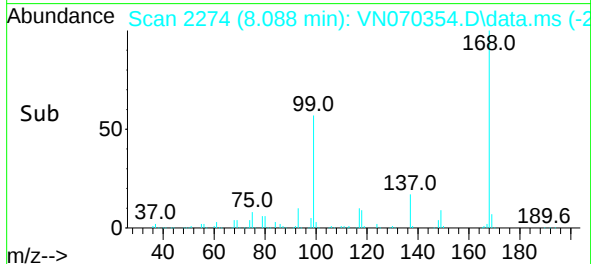
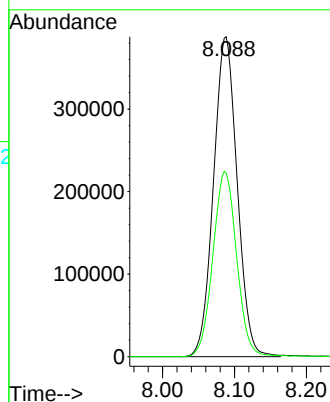
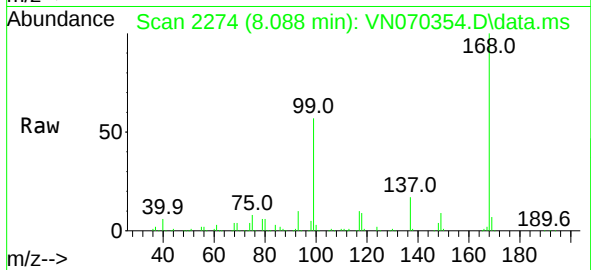




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

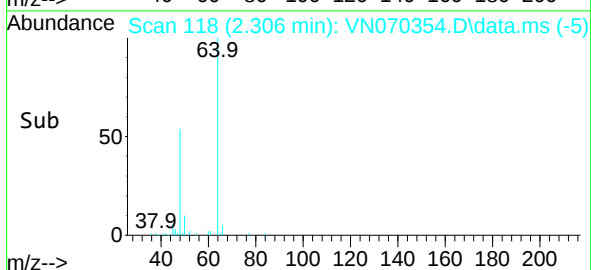
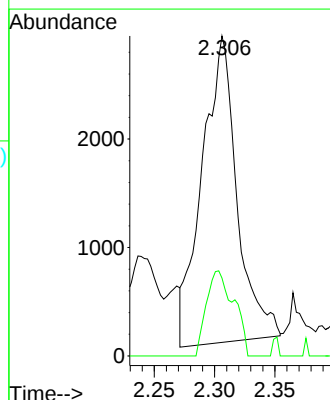
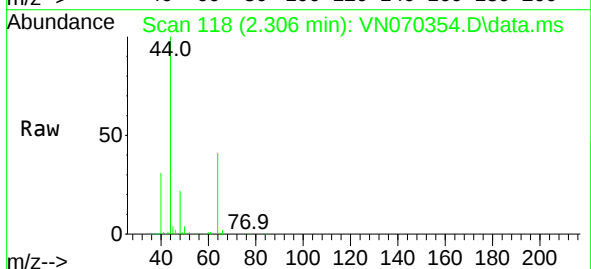
Instrument :
MSVOA_N
ClientSampleId :

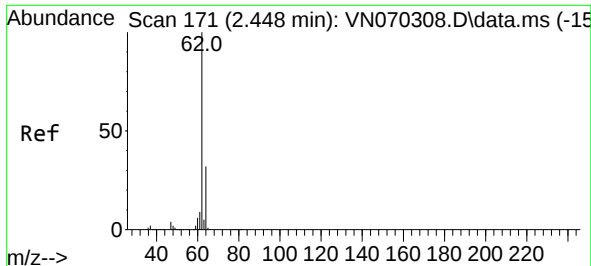
Tgt Ion:168 Resp: 886317
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9



#3
Chloromethane
Concen: 0.416 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

Tgt Ion: 50 Resp: 5691
Ion Ratio Lower Upper
50 100
52 26.1 25.4 38.0

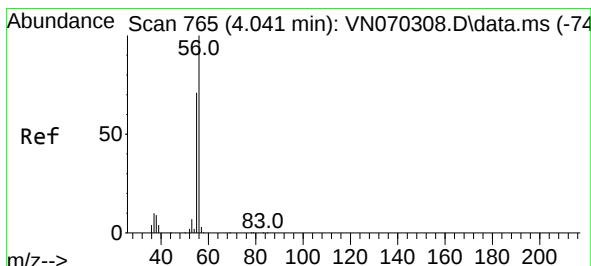
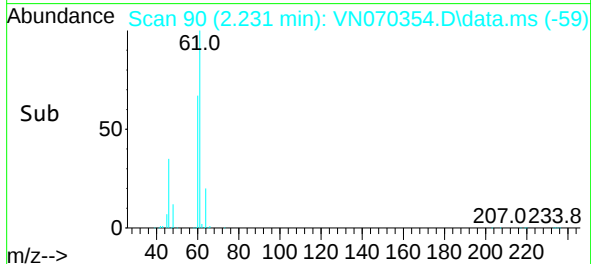
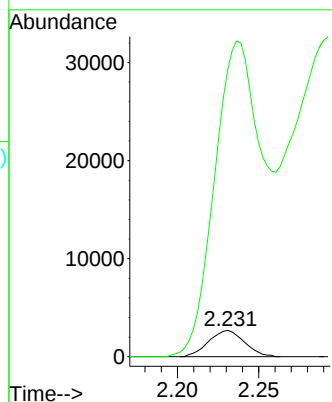
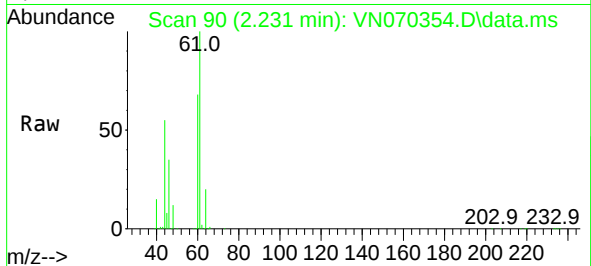




#4
 Vinyl Chloride
 Concen: 0.328 ug/l
 RT: 2.231 min Scan# 90
 Delta R.T. -0.217 min
 Lab File: VN070354.D
 Acq: 29 Dec 2021 17:32

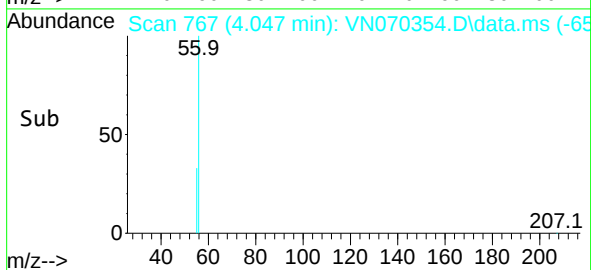
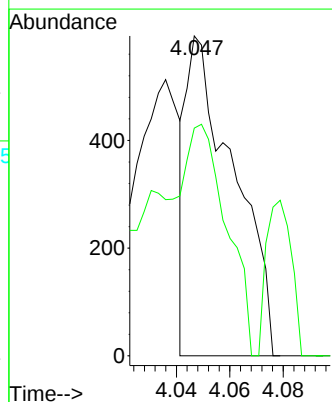
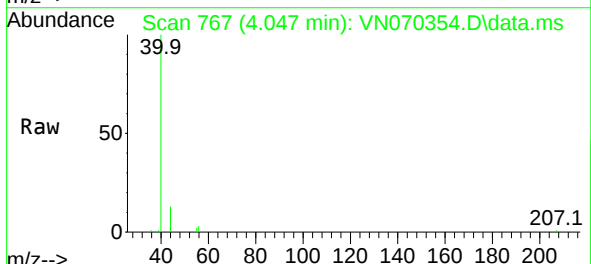
Instrument :
 MSVOA_N
 ClientSampleId :

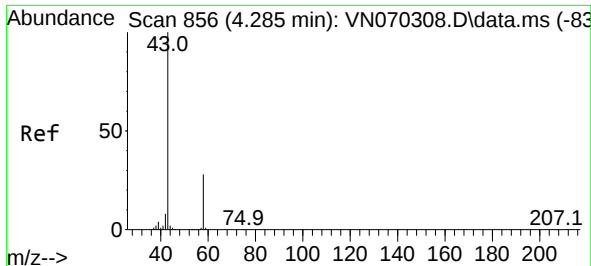
Tgt Ion: 62 Resp: 4088
 Ion Ratio Lower Upper
 62 100
 64 1080.8 25.8 38.6#



#13
 Acrolein
 Concen: 0.426 ug/l
 RT: 4.047 min Scan# 767
 Delta R.T. 0.006 min
 Lab File: VN070354.D
 Acq: 29 Dec 2021 17:32

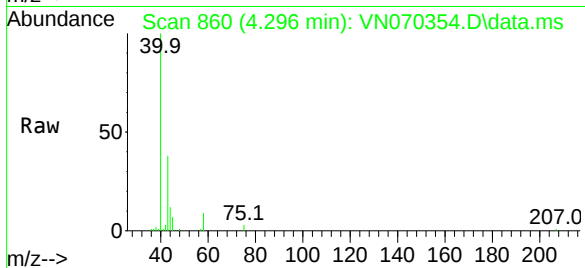
Tgt Ion: 56 Resp: 734
 Ion Ratio Lower Upper
 56 100
 55 67.6 56.6 85.0



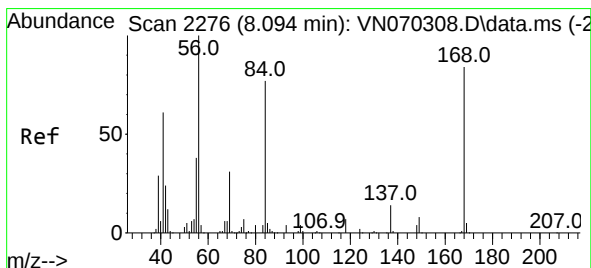
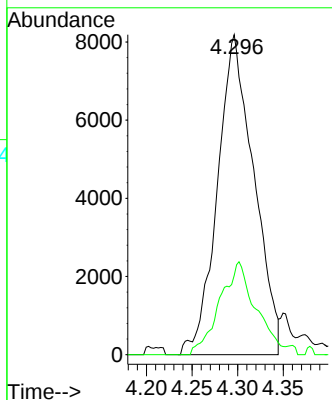
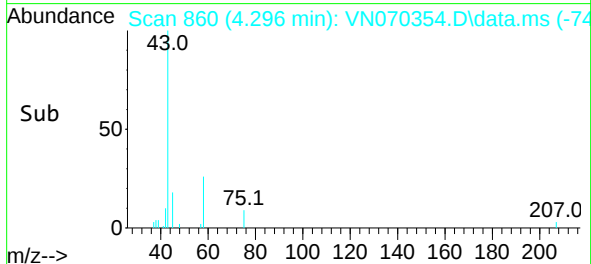


#16
Acetone
Concen: 2.751 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

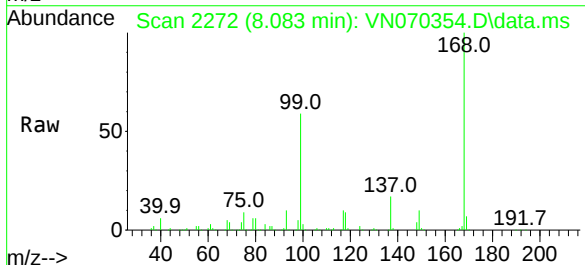
Instrument :
MSVOA_N
ClientSampleId :



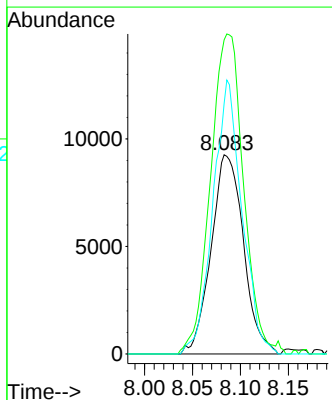
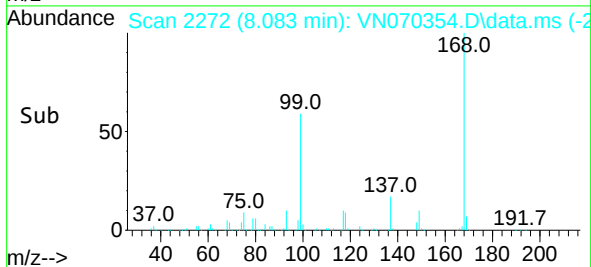
Tgt Ion: 43 Resp: 22761
Ion Ratio Lower Upper
43 100
58 24.8 23.1 34.7

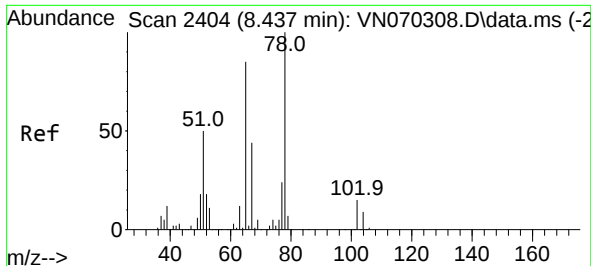


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32



Tgt Ion: 56 Resp: 21751
Ion Ratio Lower Upper
56 100
69 157.7 27.1 40.7#
84 125.7 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.779 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070354.D

Acq: 29 Dec 2021 17:32

Instrument :

MSVOA_N

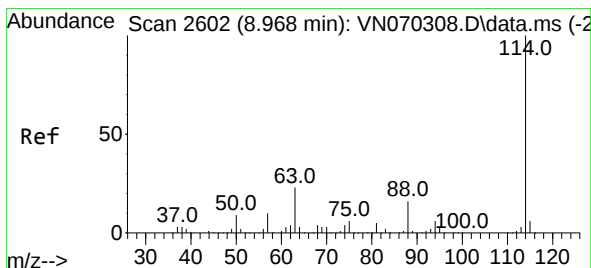
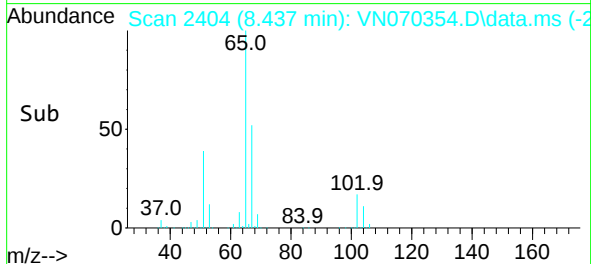
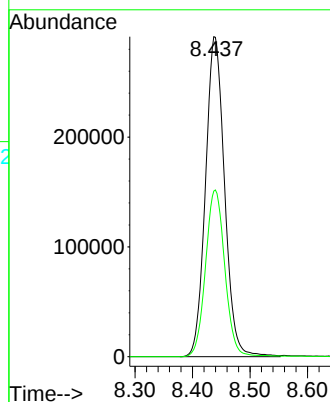
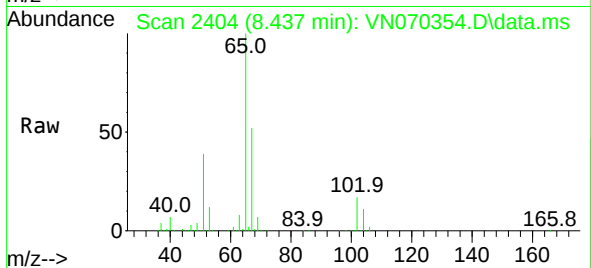
ClientSampleId :

Tgt Ion: 65 Resp: 672587

Ion Ratio Lower Upper

65 100

67 52.4 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: VN070354.D

Acq: 29 Dec 2021 17:32

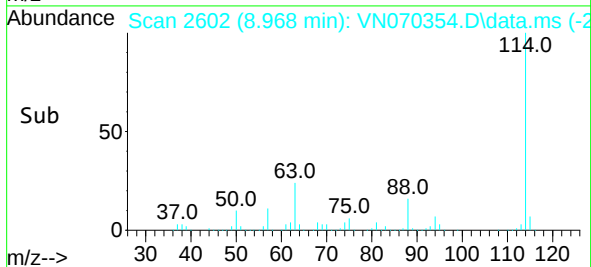
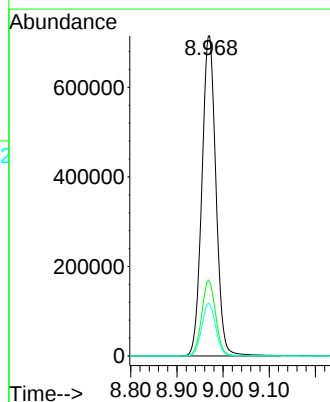
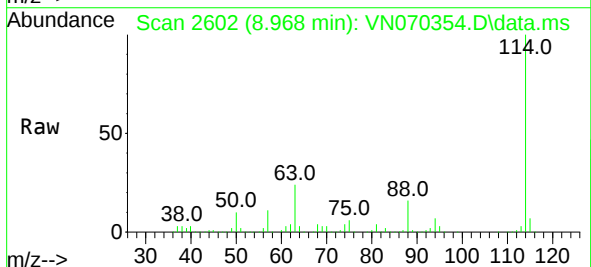
Tgt Ion: 114 Resp: 1509206

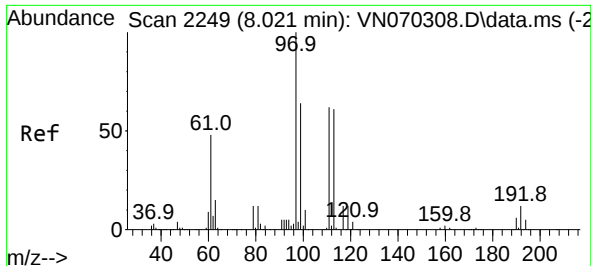
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

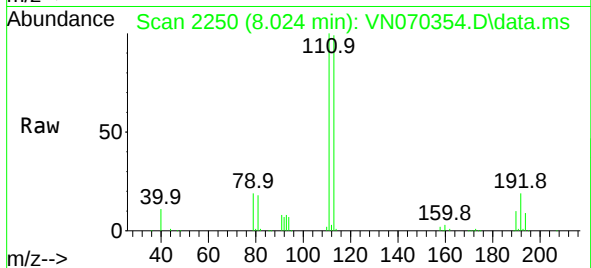
88 16.5 0.0 27.4



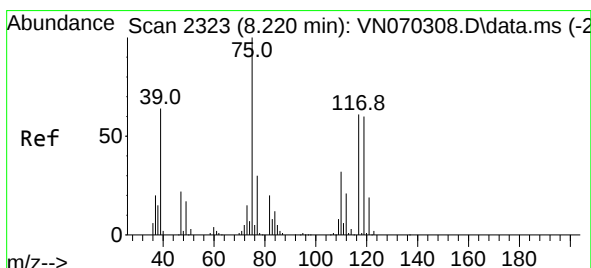
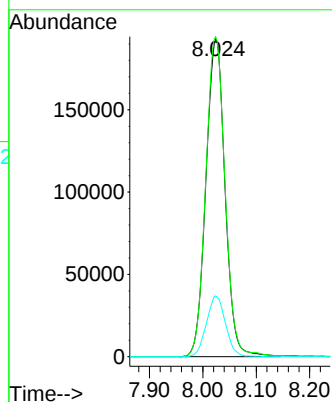
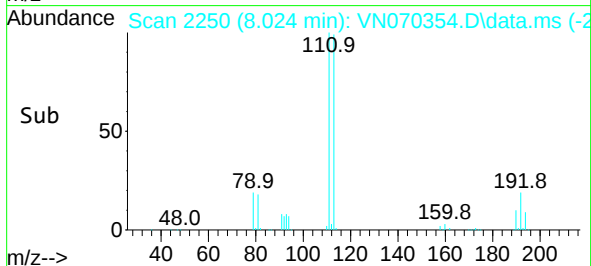


#35
Dibromofluoromethane
Concen: 52.534 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

Instrument :
MSVOA_N
ClientSampleId :

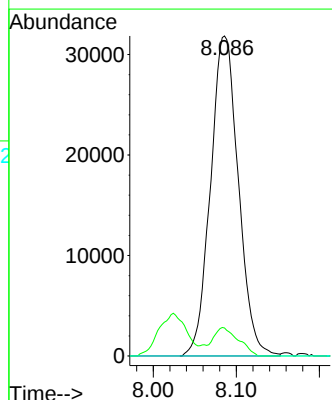
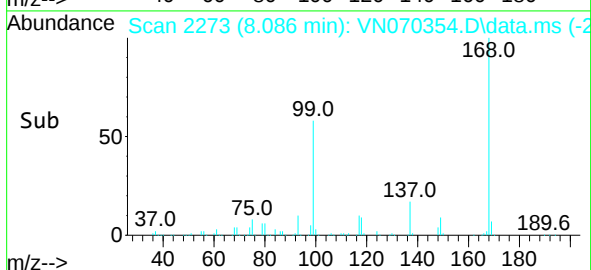
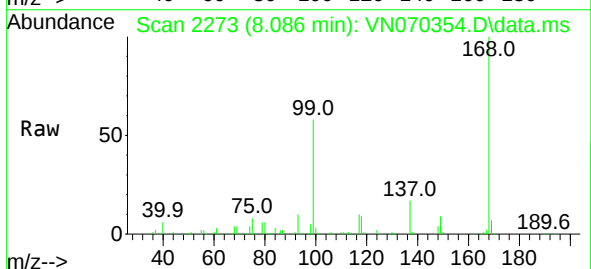


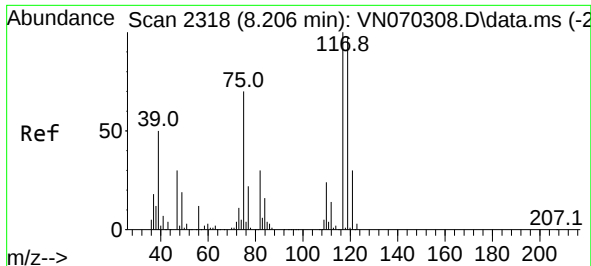
Tgt Ion:113 Resp: 479715
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

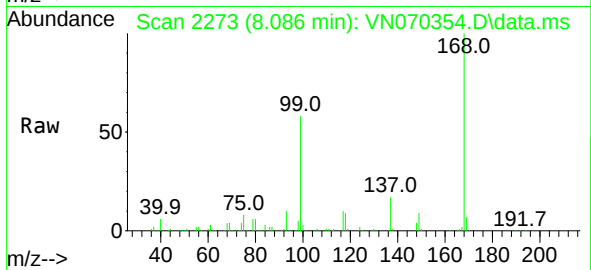
Tgt Ion: 75 Resp: 74311
Ion Ratio Lower Upper
75 100
110 8.0 18.4 55.2#
77 0.0 24.4 36.6#



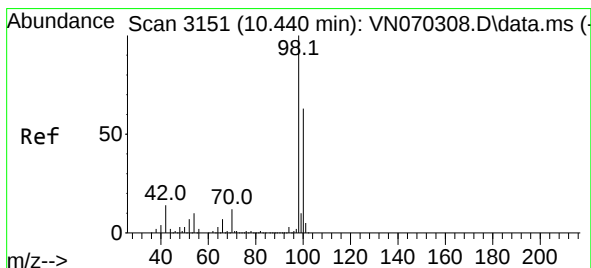
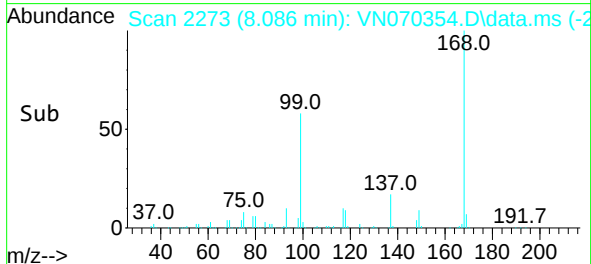
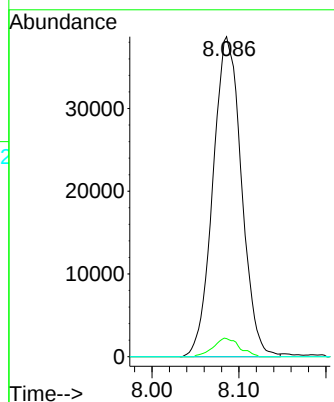


#38
Carbon Tetrachloride
Concen: 6.108 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

Instrument :
MSVOA_N
ClientSampleId :

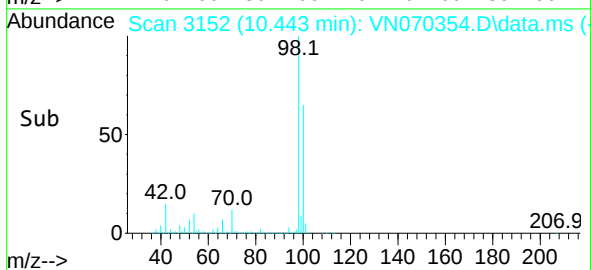
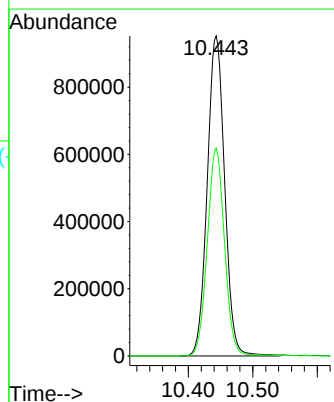
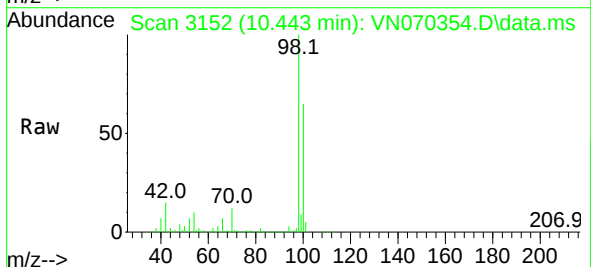


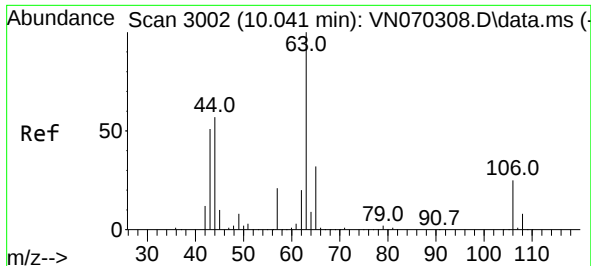
Tgt Ion:117 Resp: 88108
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.947 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

Tgt Ion: 98 Resp: 1788571
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

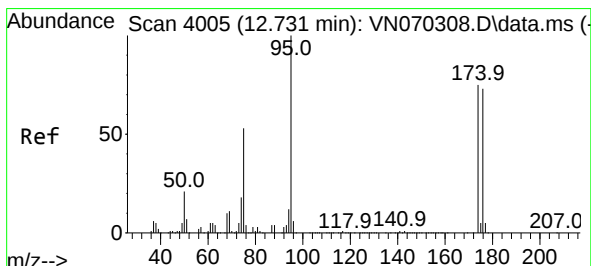
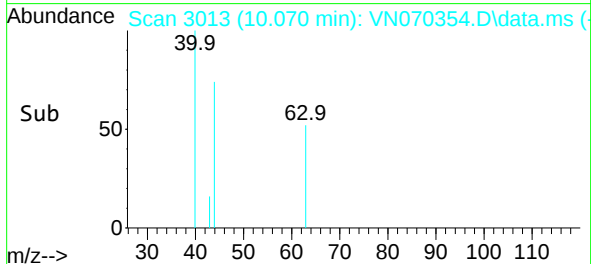
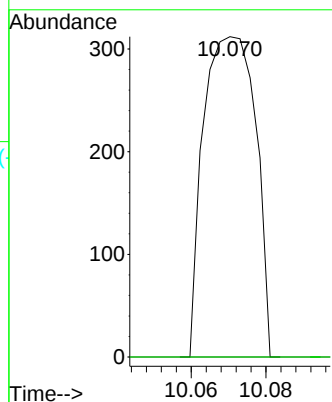
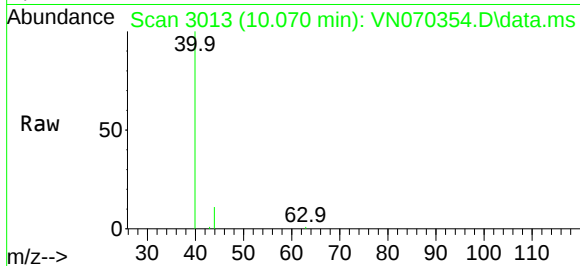




#58
2-Chloroethyl Vinyl ether
Concen: 18.573 ug/l
RT: 10.070 min Scan# 3001
Delta R.T. 0.029 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

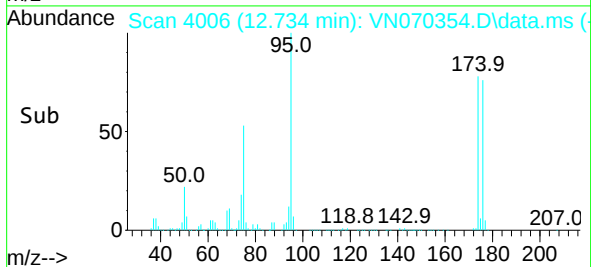
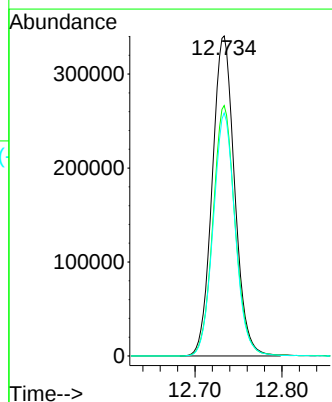
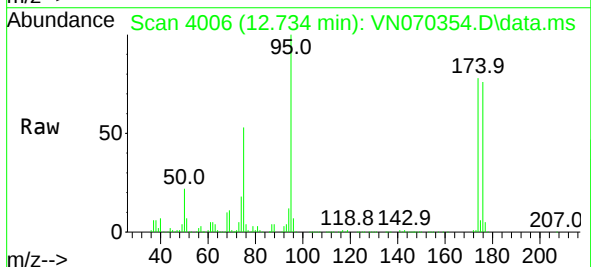
Instrument :
MSVOA_N
ClientSampleId :

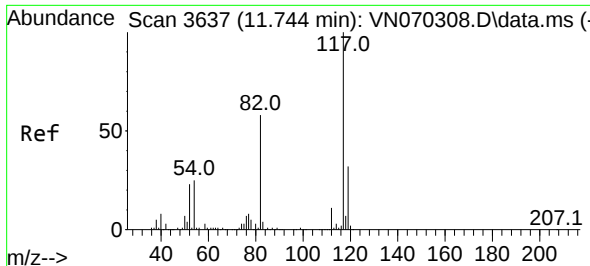
Tgt Ion: 63 Resp: 302
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 45.215 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

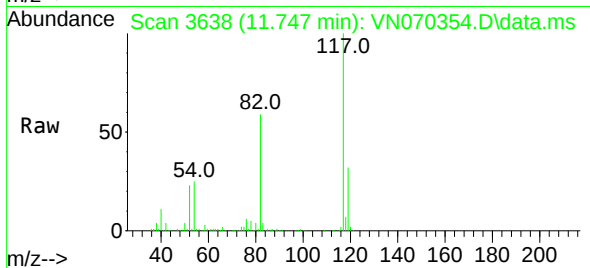
Tgt Ion: 95 Resp: 609187
Ion Ratio Lower Upper
95 100
174 77.4 0.0 187.2
176 74.5 0.0 181.4



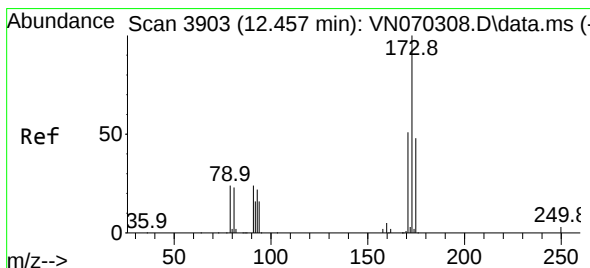
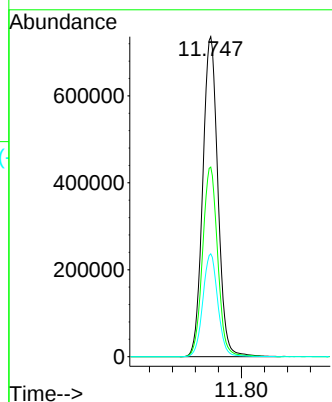


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

Instrument :
MSVOA_N
ClientSampleId :

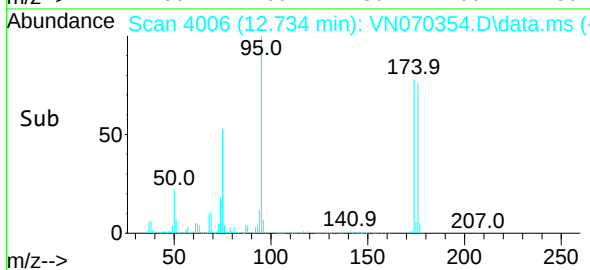
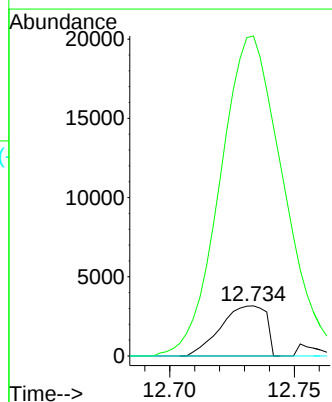
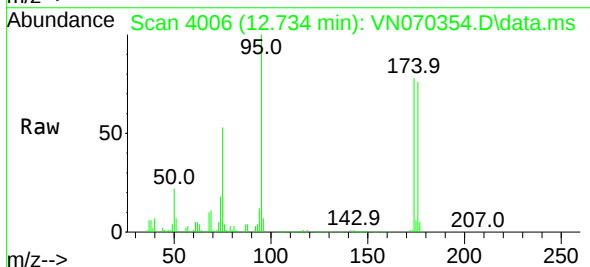


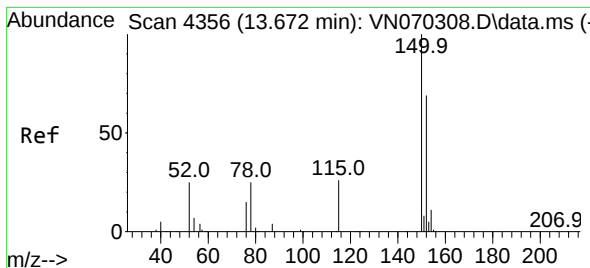
Tgt Ion:117 Resp: 1343969
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.2 25.4 38.2



#71
Bromoform
Concen: 0.532 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.277 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

Tgt Ion:173 Resp: 4018
Ion Ratio Lower Upper
173 100
175 787.4 24.2 72.6#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN070354.D

Acq: 29 Dec 2021 17:32

Instrument :

MSVOA_N

ClientSampleId :

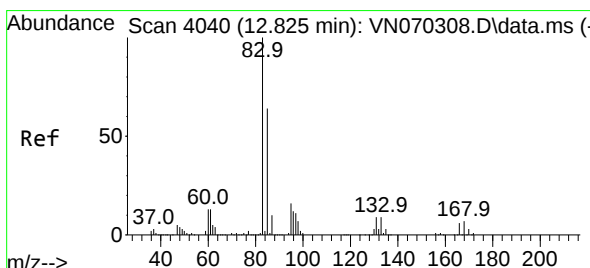
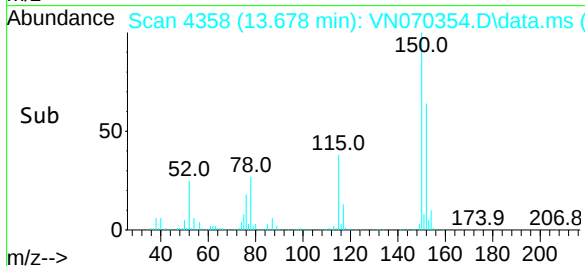
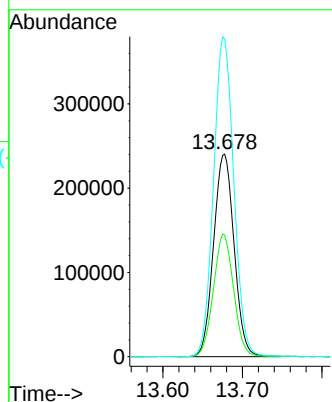
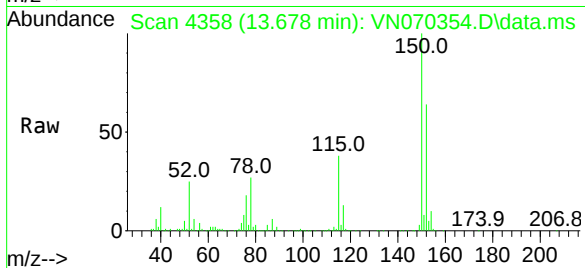
Tgt Ion:152 Resp: 431837

Ion Ratio Lower Upper

152 100

115 59.7 27.5 82.5

150 156.2 0.0 344.4



#75

1,1,2,2-Tetrachloroethane

Concen: 0.449 ug/l

RT: 12.752 min Scan# 4013

Delta R.T. -0.073 min

Lab File: VN070354.D

Acq: 29 Dec 2021 17:32

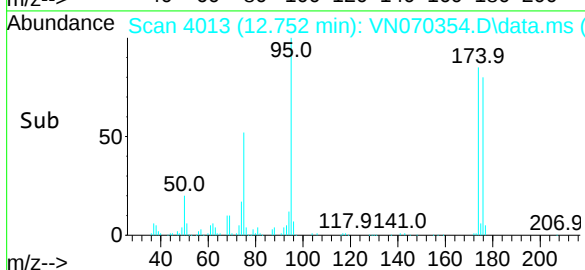
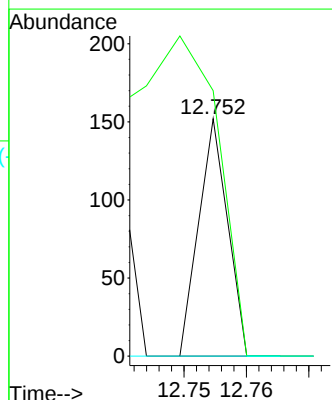
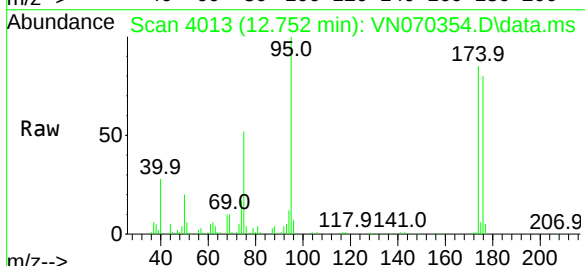
Tgt Ion: 83 Resp: 24

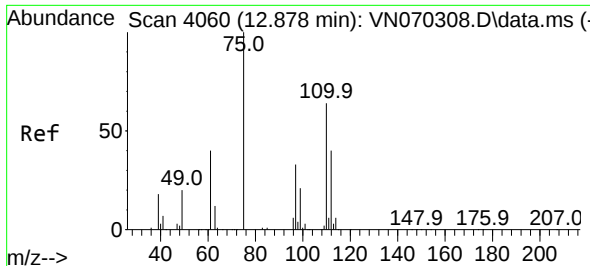
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

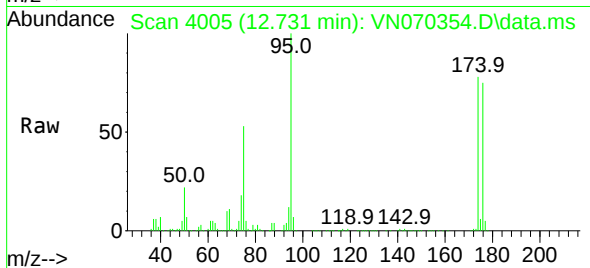
85 0.0 32.4 97.2#



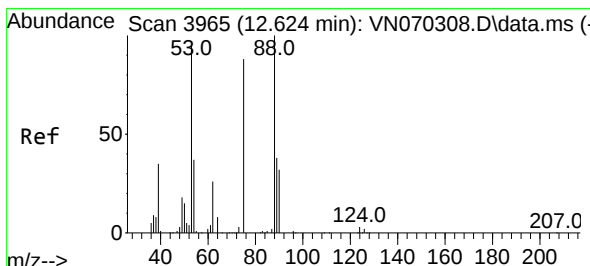
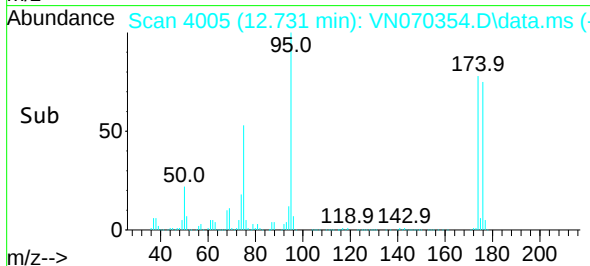
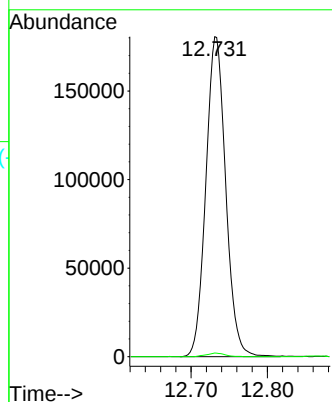


#76
1,2,3-Trichloropropane
Concen: 26.869 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

Instrument :
MSVOA_N
ClientSampleId :

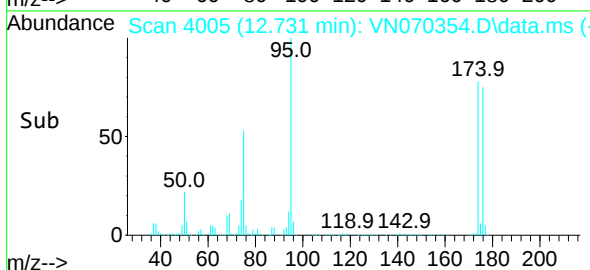
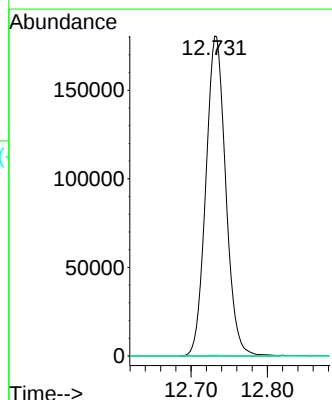
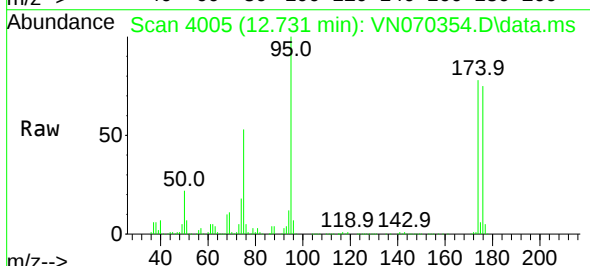


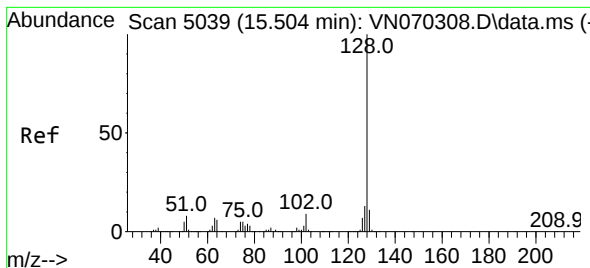
Tgt Ion: 75 Resp: 326397
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.345 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

Tgt Ion: 75 Resp: 326397
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#





#95

Naphthalene

Concen: 1.961 ug/l

RT: 15.512 min Scan# 5039

Delta R.T. 0.008 min

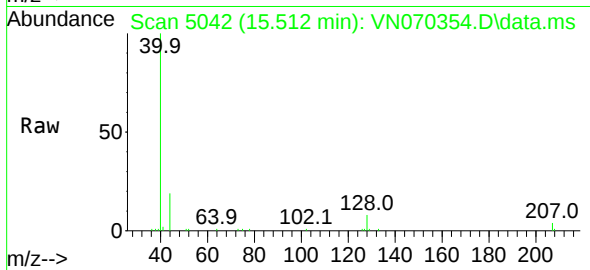
Lab File: VN070354.D

Acq: 29 Dec 2021 17:32

Instrument :

MSVOA_N

ClientSampleId :



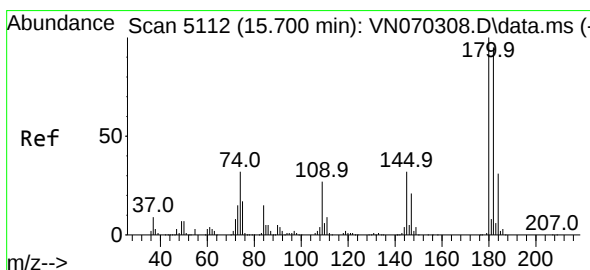
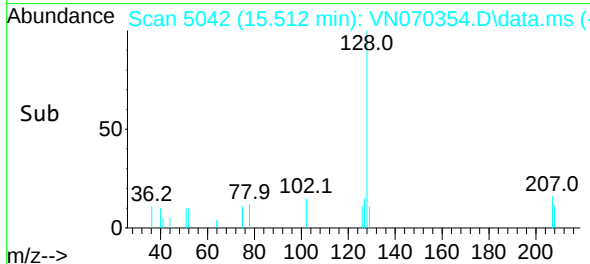
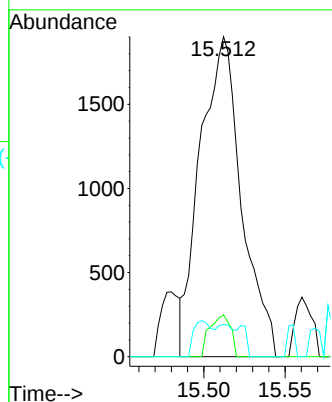
Tgt Ion:128 Resp: 3359

Ion Ratio Lower Upper

128 100

127 6.6 10.5 15.7#

129 5.3 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.887 ug/l

RT: 15.703 min Scan# 5113

Delta R.T. 0.003 min

Lab File: VN070354.D

Acq: 29 Dec 2021 17:32

Tgt Ion:180 Resp: 423

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.2

145 49.2 15.0 45.1#

