

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072238.D
 Acq On : 28 Apr 2022 15:17
 Operator : JC\MD
 Sample : N2601-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW150S1-TB-20220426

Quant Time: Apr 29 06:33:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

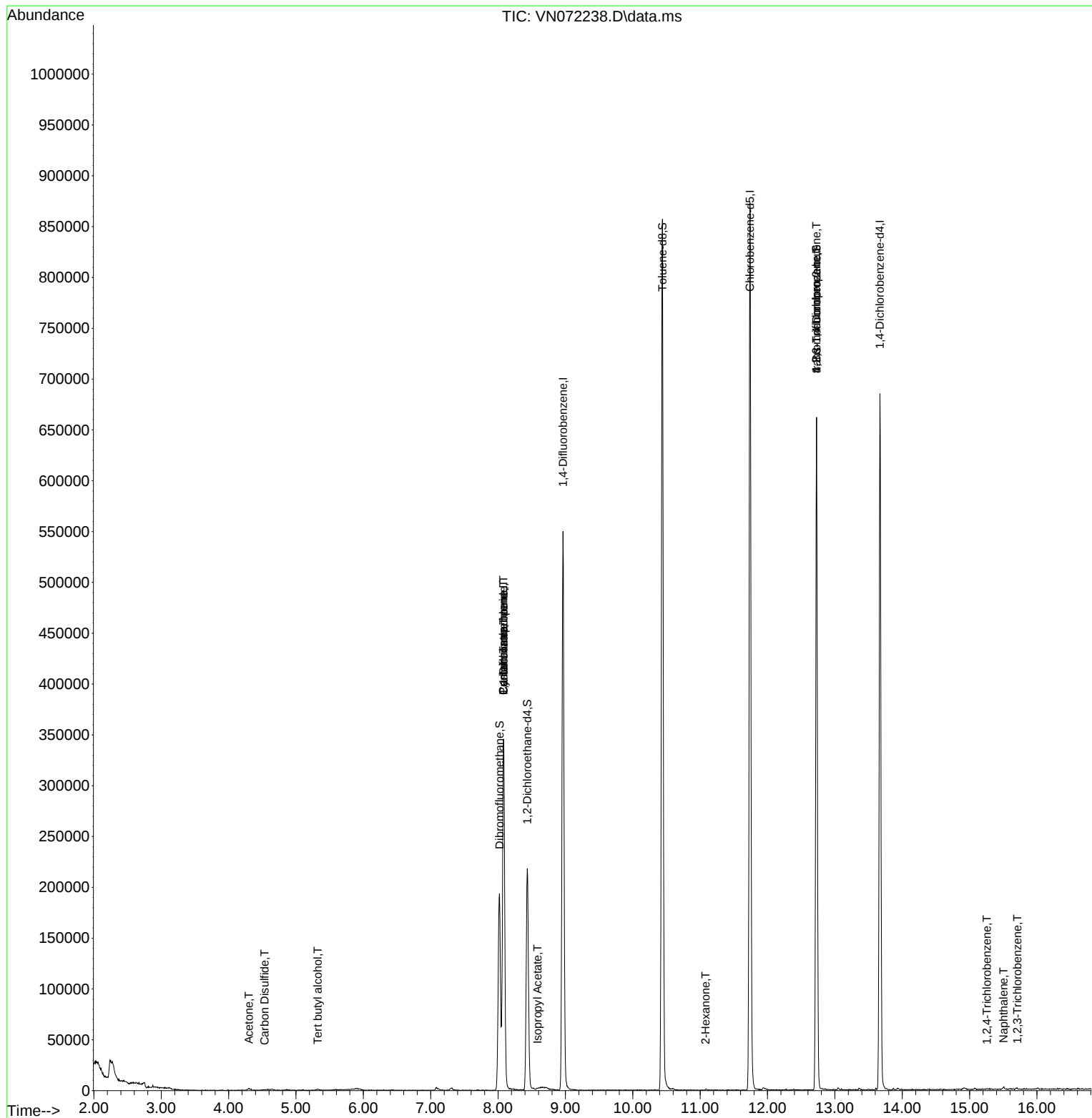
Internal Standards						
1) Pentafluorobenzene	8.081	168	244814	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	454082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	492053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	177886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	196127	52.183	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.360%			
35) Dibromofluoromethane	8.022	113	143330	49.316	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.640%			
50) Toluene-d8	10.439	98	590434	51.700	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.727	95	232153	61.244	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 122.480%			
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	1285	Below Cal	#	43
5) Bromomethane	2.875	94	182	Below Cal		97
6) Chloroethane	2.869	64	638	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	449	0.727	ug/l #	72
16) Acetone	4.298	43	2086	1.287	ug/l	91
17) Carbon Disulfide	4.534	76	461	0.446	ug/l #	75
31) Cyclohexane	8.081	56	5623	1.120	ug/l #	20
36) 1,1-Dichloropropene	8.081	75	21749	5.141	ug/l #	50
38) Carbon Tetrachloride	8.081	117	27995	6.179	ug/l #	17
43) Isopropyl Acetate	8.586	43	1201	0.935	ug/l #	53
59) 2-Hexanone	11.080	43	871	0.233	ug/l	72
76) 1,2,3-Trichloropropane	12.727	75	127968	32.000	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	127968	83.180	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.257	180	402	2.559	ug/l #	90
95) Naphthalene	15.504	128	3024	4.599	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.710	180	685	2.911	ug/l	96

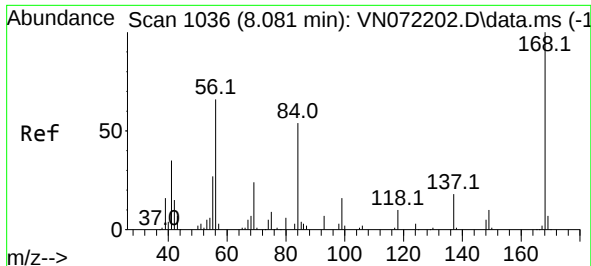
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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BP-MW150S1-TB-20220426

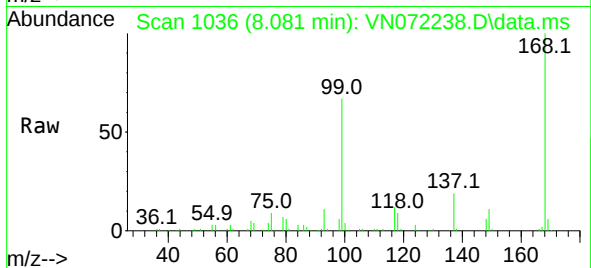
Quant Time: Apr 29 06:33:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration



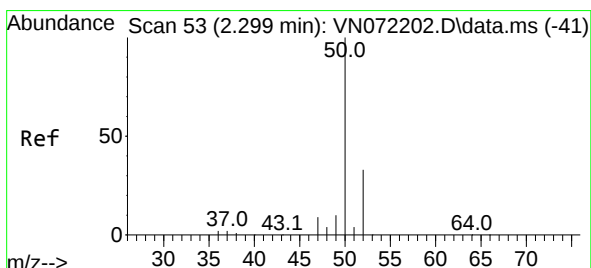
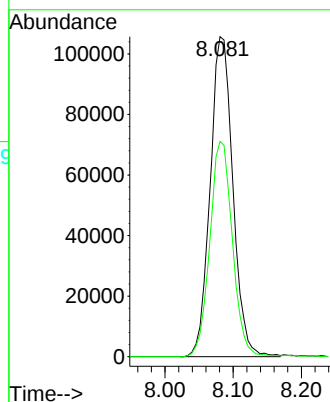
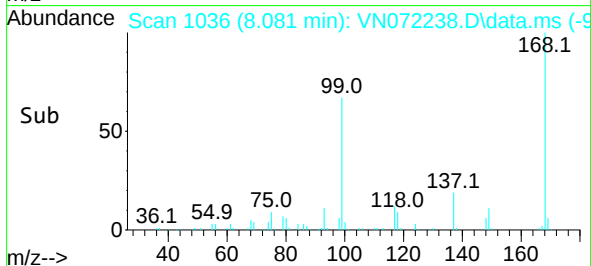


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-TB-20220426

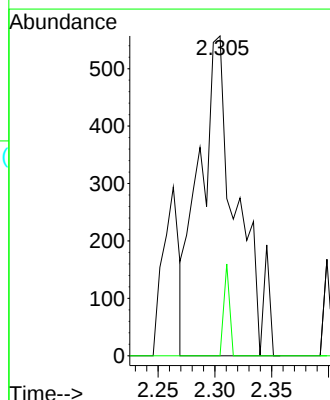
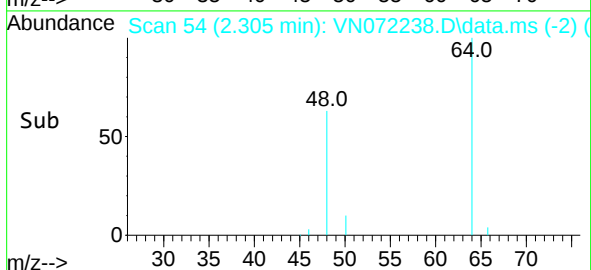
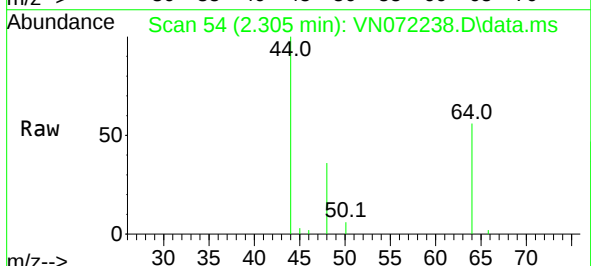


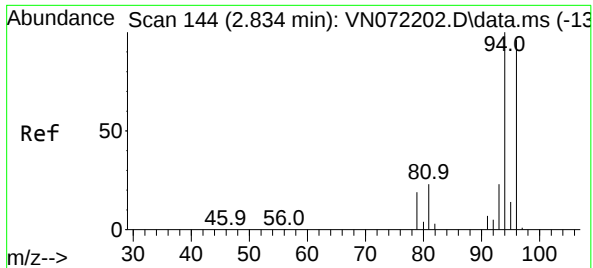
Tgt Ion:168 Resp: 244814
Ion Ratio Lower Upper
168 100
99 67.3 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Tgt Ion: 50 Resp: 1285
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

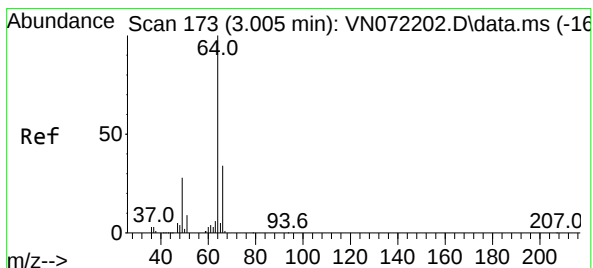
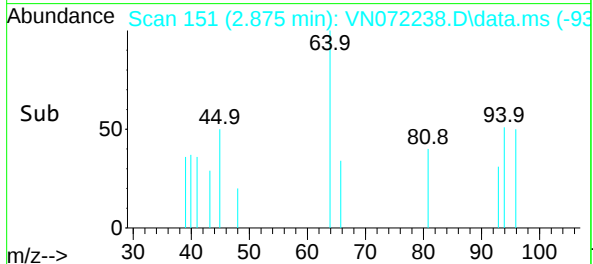
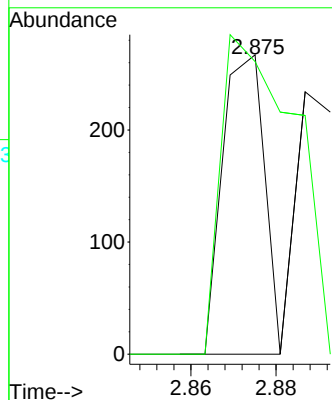
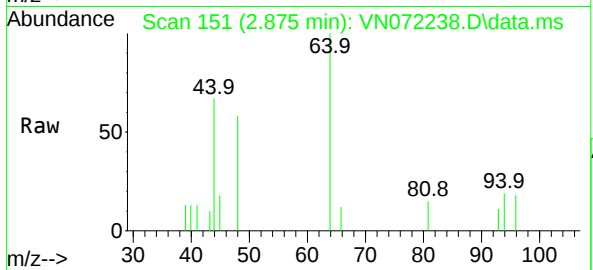




#5
Bromomethane
Concen: Below Cal
RT: 2.875 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

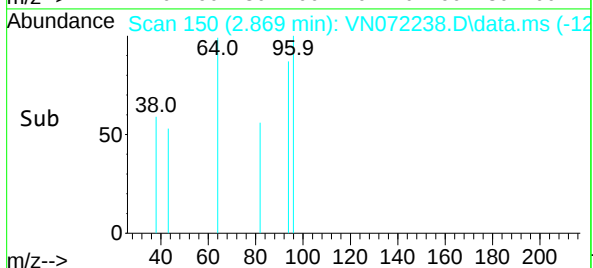
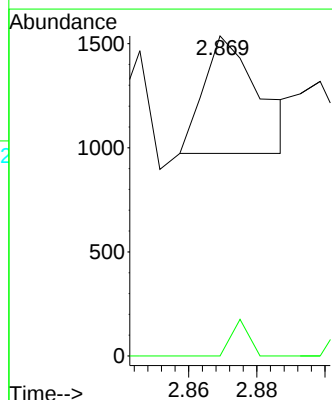
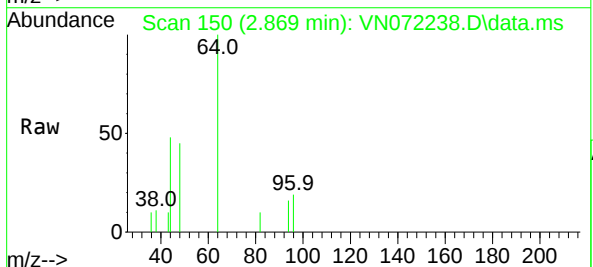
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-TB-20220426

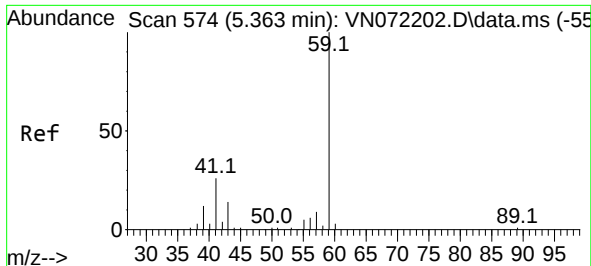
Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 97.8 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.869 min Scan# 150
Delta R.T. -0.136 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Tgt Ion: 64 Resp: 638
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

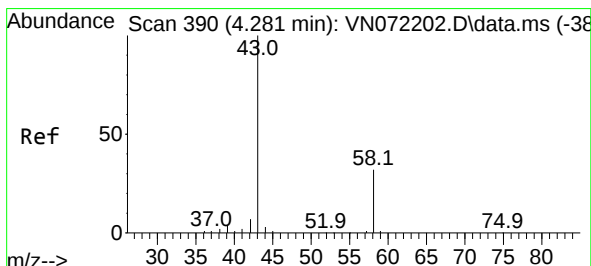
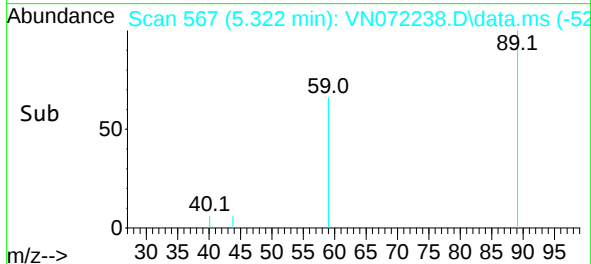
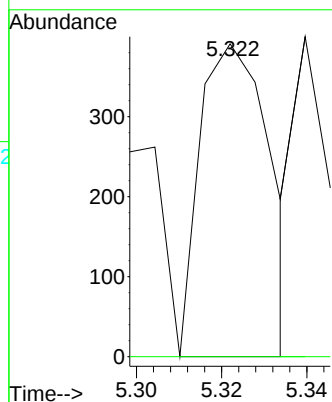
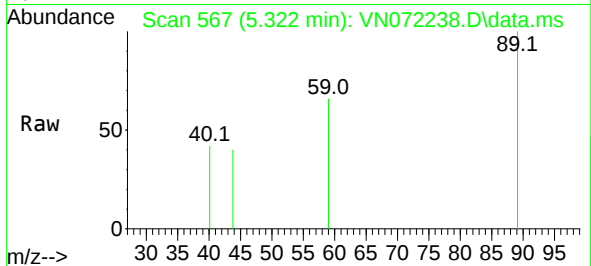




#11
Tert butyl alcohol
Concen: 0.727 ug/l
RT: 5.322 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

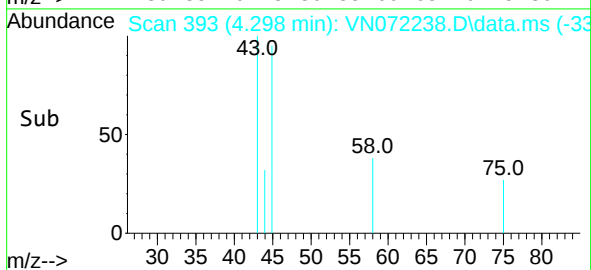
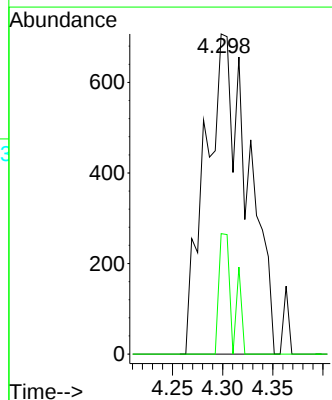
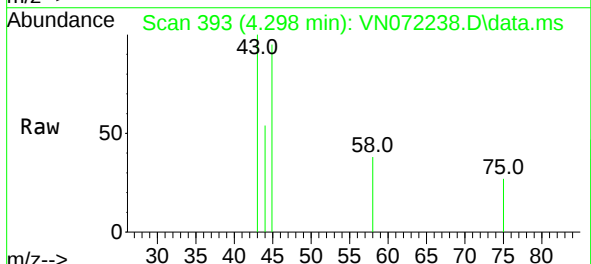
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-TB-20220426

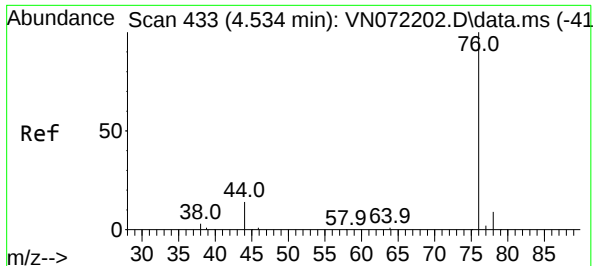
Tgt Ion: 59 Resp: 449
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.287 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Tgt Ion: 43 Resp: 2086
Ion Ratio Lower Upper
43 100
58 37.6 26.0 39.0

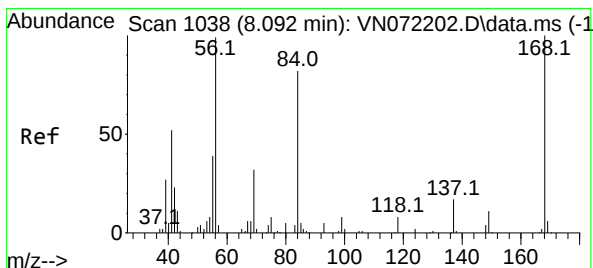
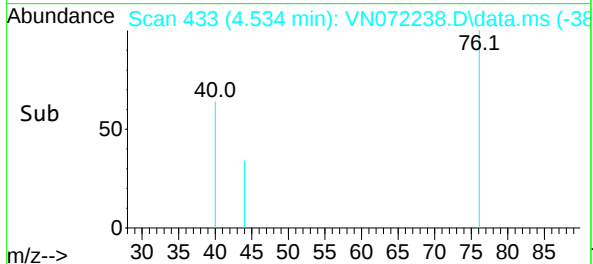
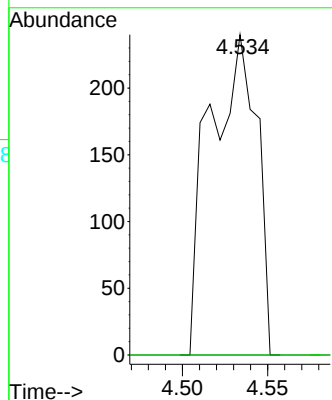
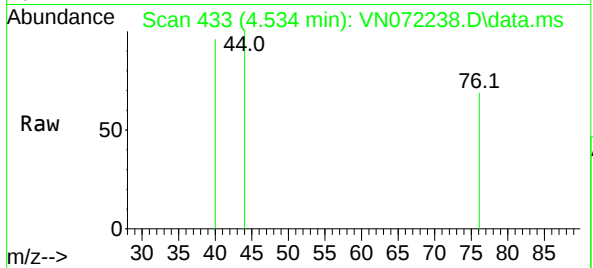




#17
Carbon Disulfide
Concen: 0.446 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

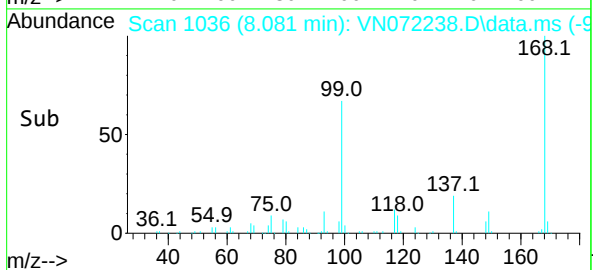
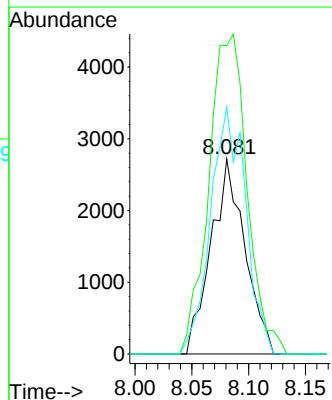
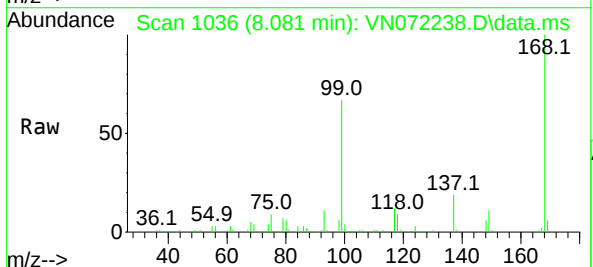
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-TB-20220426

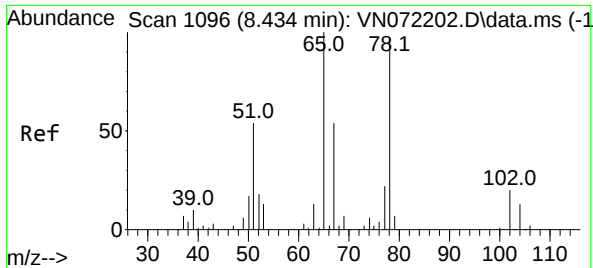
Tgt Ion: 76 Resp: 461
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Tgt Ion: 56 Resp: 5623
Ion Ratio Lower Upper
56 100
69 158.3 27.8 41.8#
84 126.7 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.183 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN072238.D

Acq: 28 Apr 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

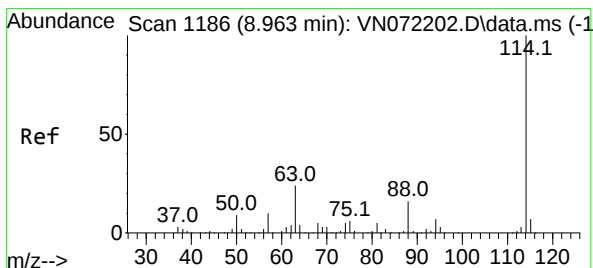
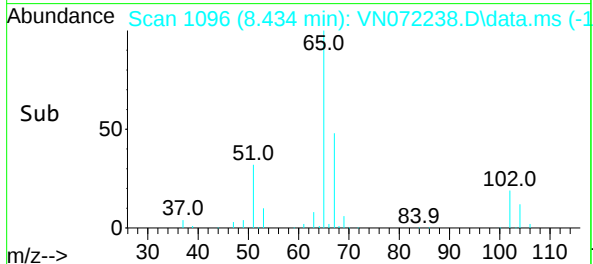
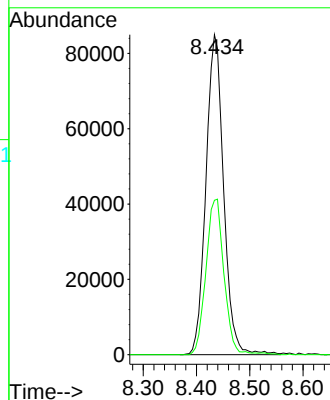
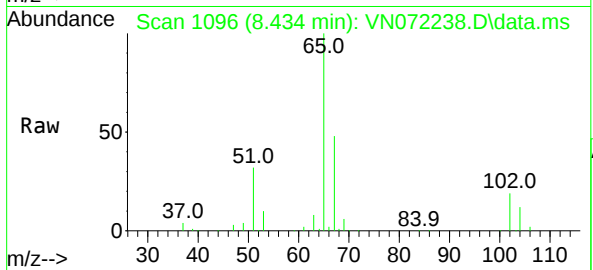
BP-MW150S1-TB-20220426

Tgt Ion: 65 Resp: 196127

Ion Ratio Lower Upper

65 100

67 49.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072238.D

Acq: 28 Apr 2022 15:17

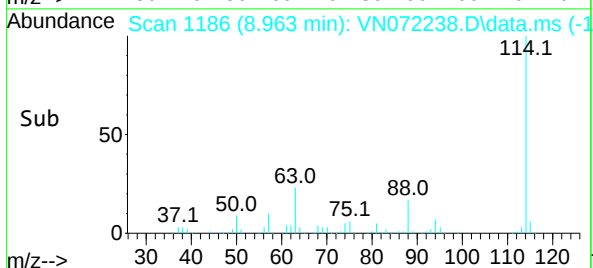
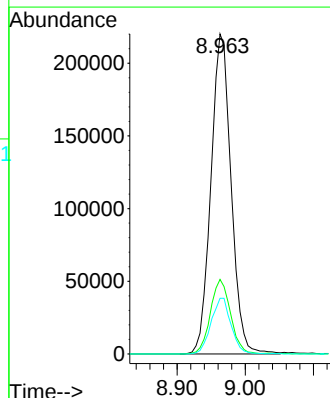
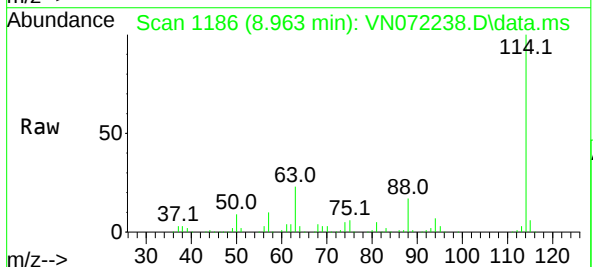
Tgt Ion: 114 Resp: 454082

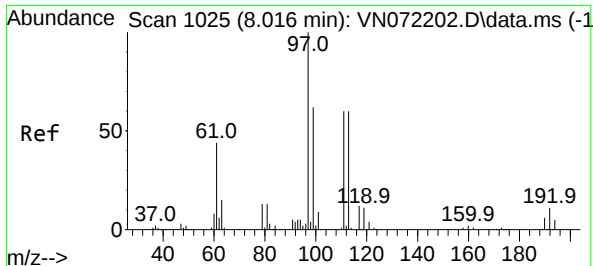
Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 17.4 0.0 32.6

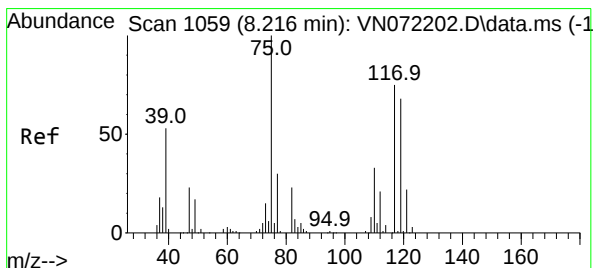
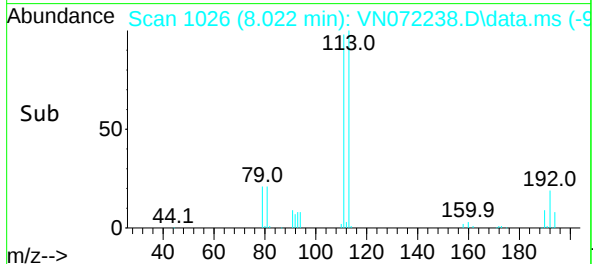
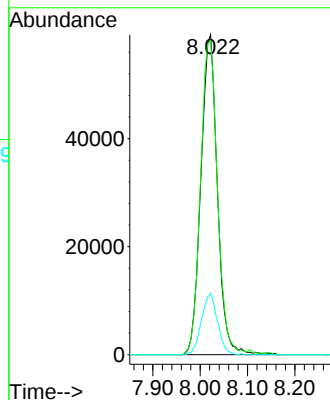
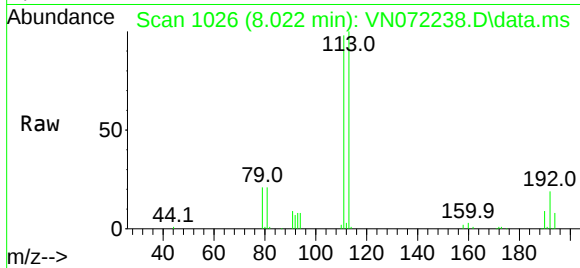




#35
Dibromofluoromethane
Concen: 49.316 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

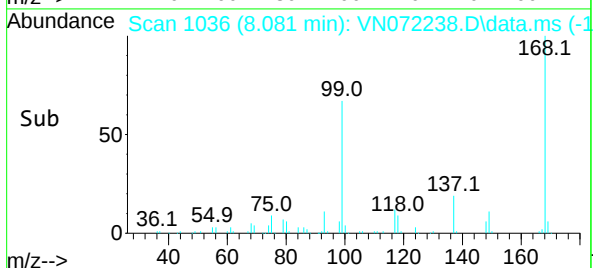
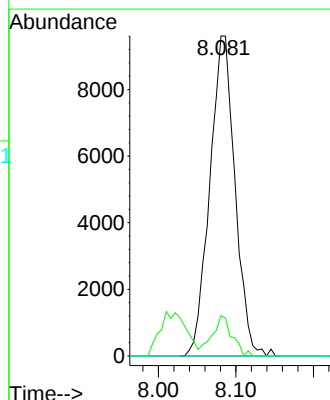
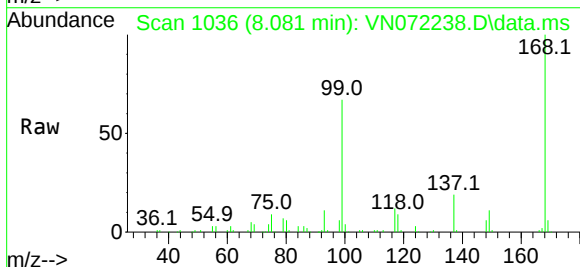
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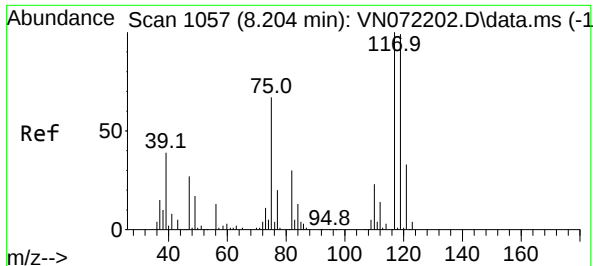
Tgt Ion:113 Resp: 143330
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 18.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.141 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

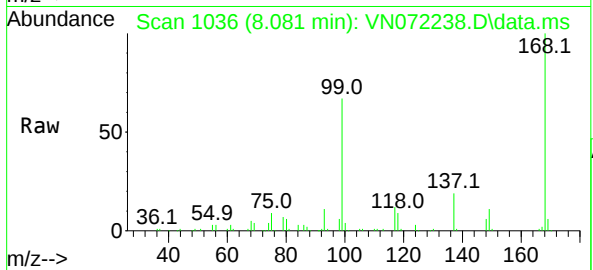
Tgt Ion: 75 Resp: 21749
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 25.1 37.7#



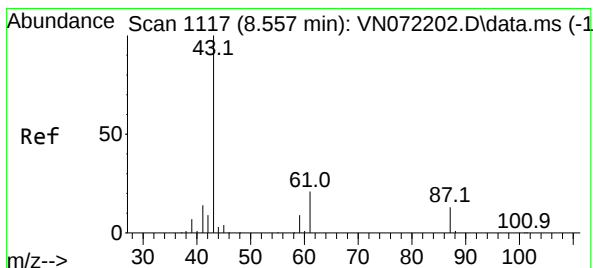
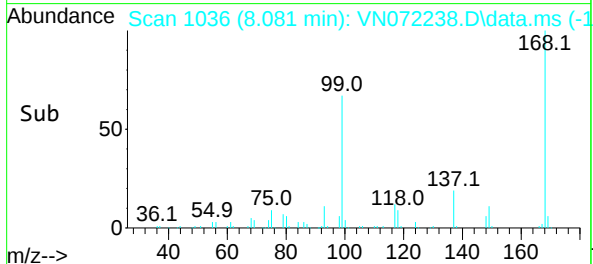
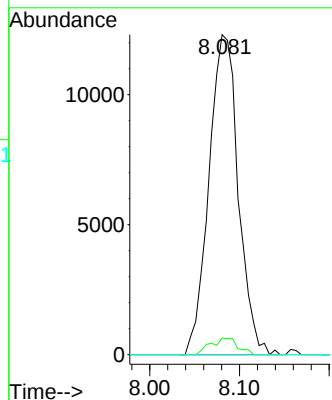


#38
Carbon Tetrachloride
Concen: 6.179 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Instrument : MSVOA_N
ClientSampleId : BP-MW150S1-TB-20220426

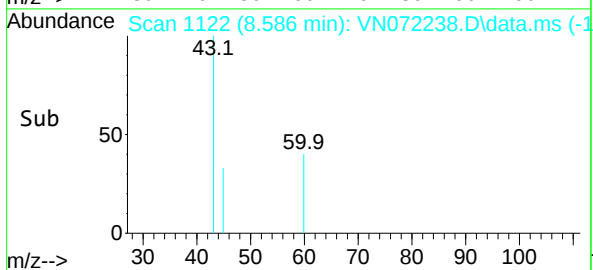
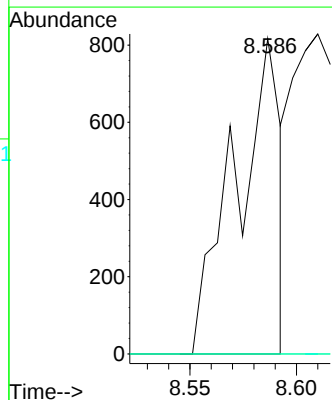
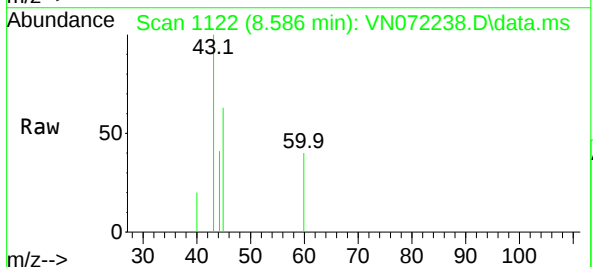


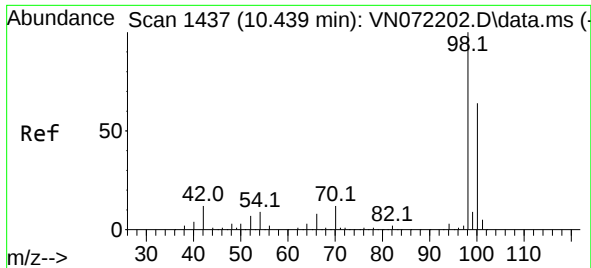
Tgt Ion: 117 Resp: 27995
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.935 ug/l
RT: 8.586 min Scan# 1122
Delta R.T. 0.029 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

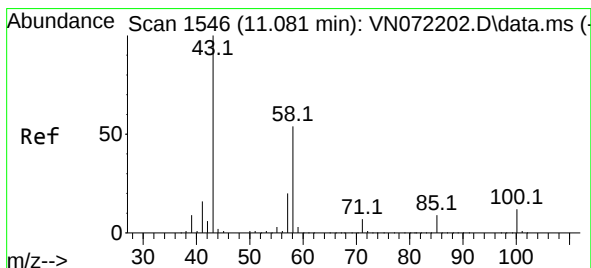
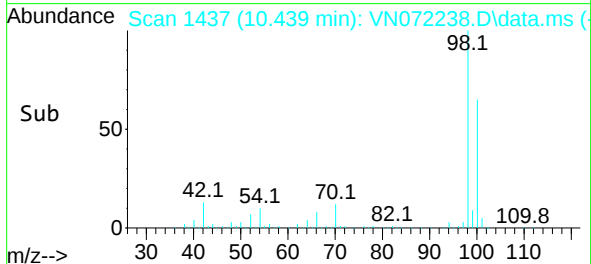
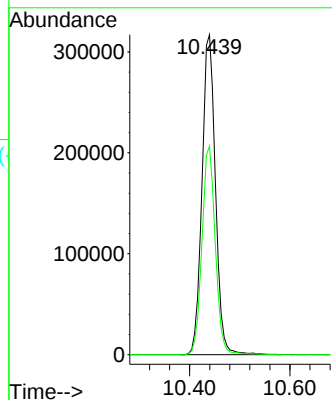
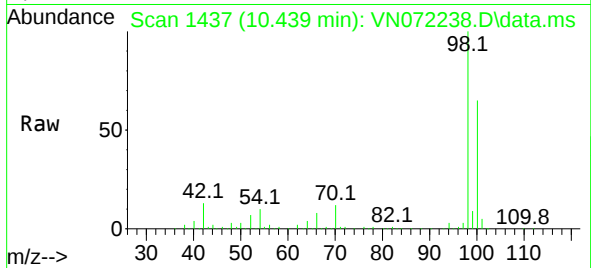




#50
Toluene-d8
Concen: 51.700 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

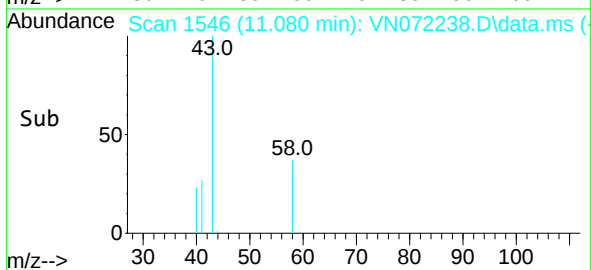
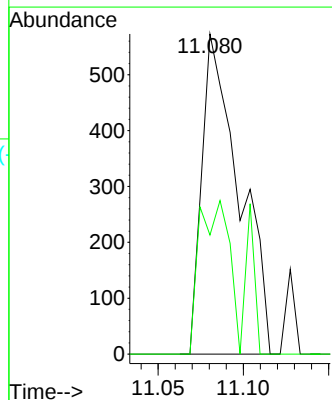
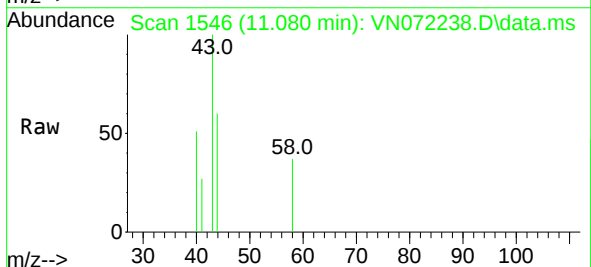
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-TB-20220426

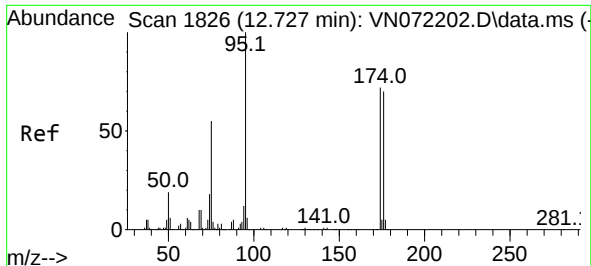
Tgt Ion: 98 Resp: 590434
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#59
2-Hexanone
Concen: 0.233 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
58 38.5 29.7 89.1

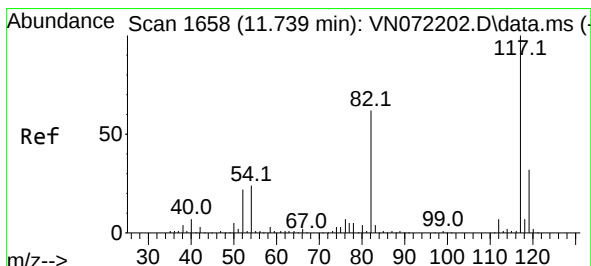
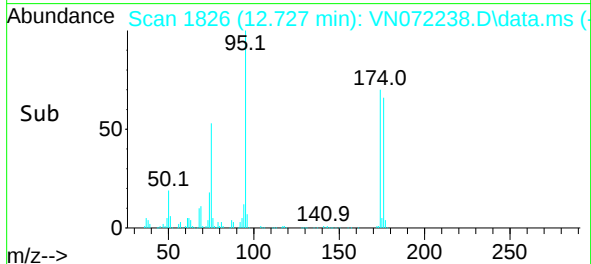
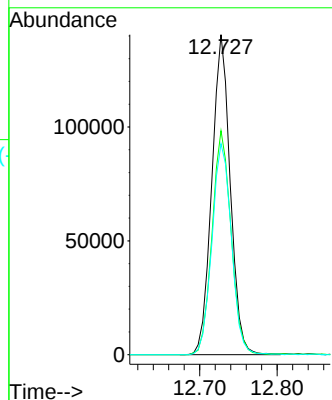
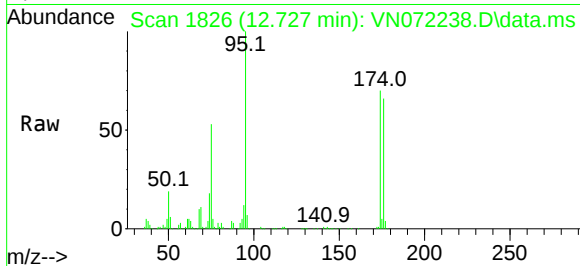




#62
4-Bromofluorobenzene
Concen: 61.244 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

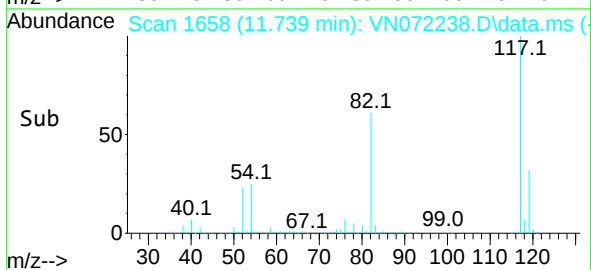
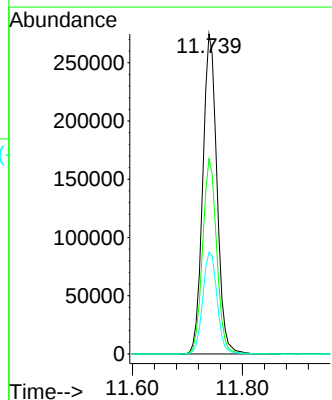
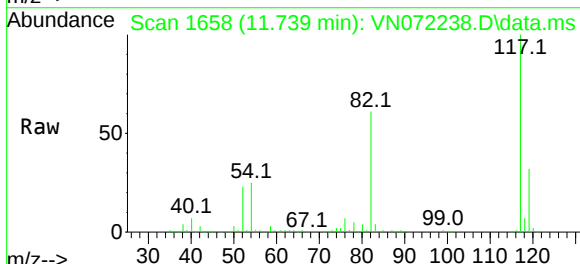
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-TB-20220426

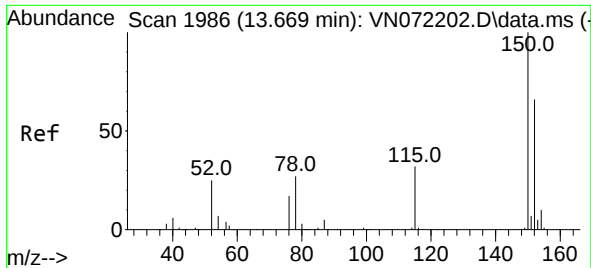
Tgt Ion: 95 Resp: 232153
Ion Ratio Lower Upper
95 100
174 72.3 0.0 167.6
176 69.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Tgt Ion: 117 Resp: 492053
Ion Ratio Lower Upper
117 100
82 60.9 44.2 66.2
119 31.8 25.4 38.0

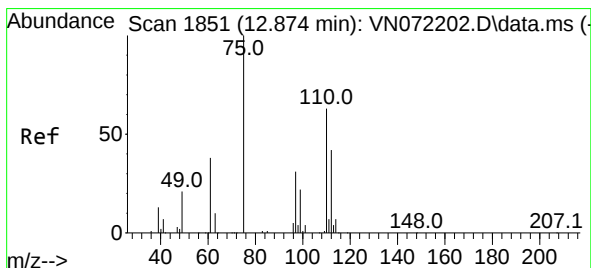
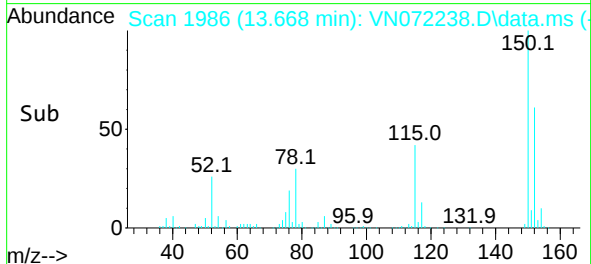
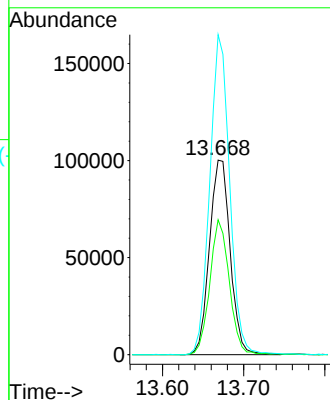
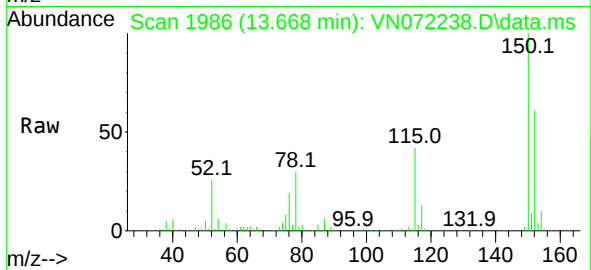




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072238.D
 Acq: 28 Apr 2022 15:17

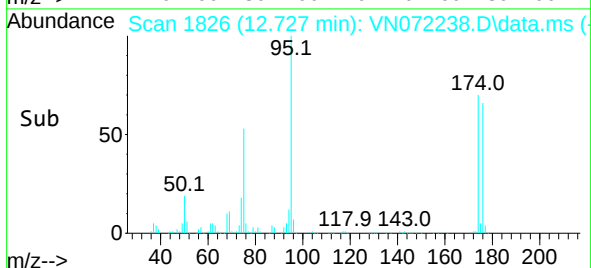
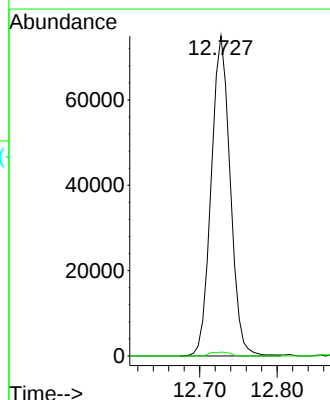
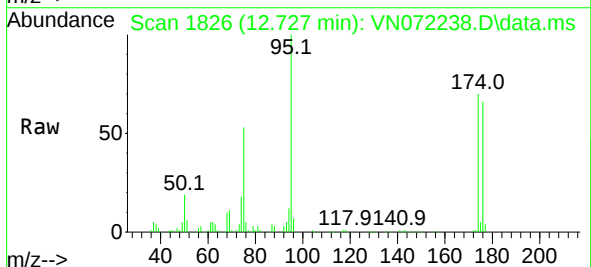
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW150S1-TB-20220426

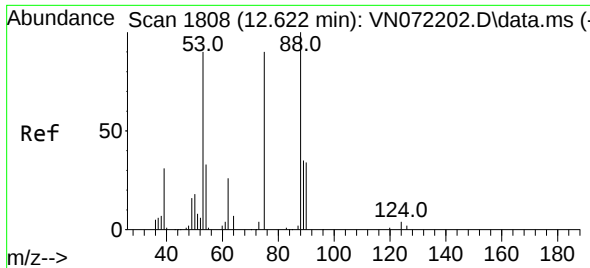
Tgt Ion:152 Resp: 177886
 Ion Ratio Lower Upper
 152 100
 115 65.2 28.9 86.7
 150 157.8 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 32.000 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072238.D
 Acq: 28 Apr 2022 15:17

Tgt Ion: 75 Resp: 127968
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

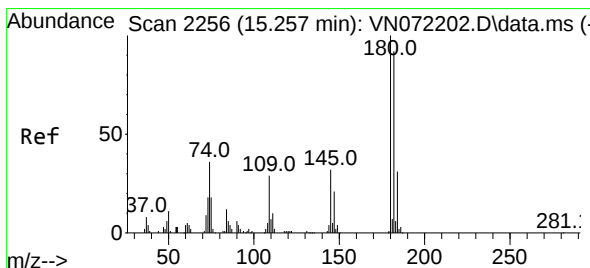
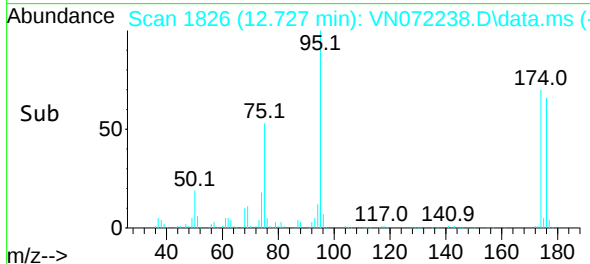
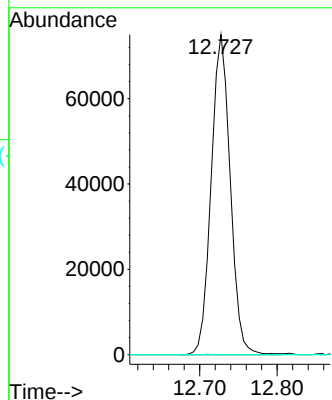
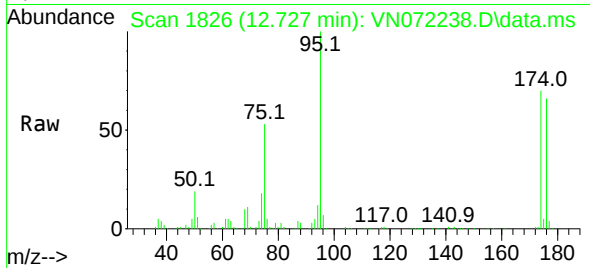




#81
trans-1,4-Dichloro-2-butene
Concen: 83.180 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

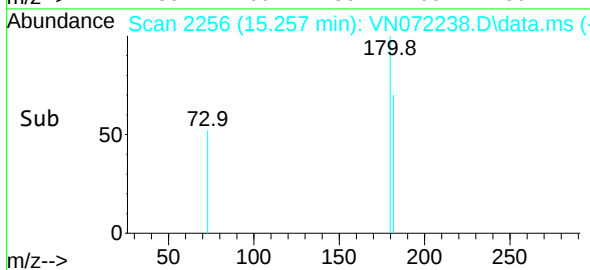
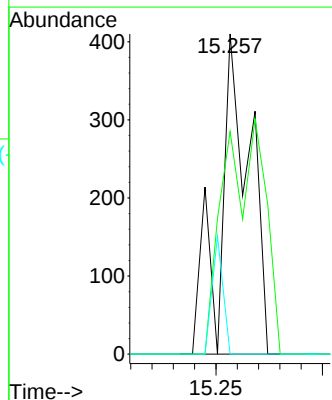
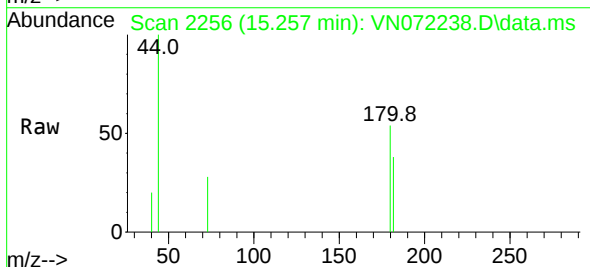
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-TB-20220426

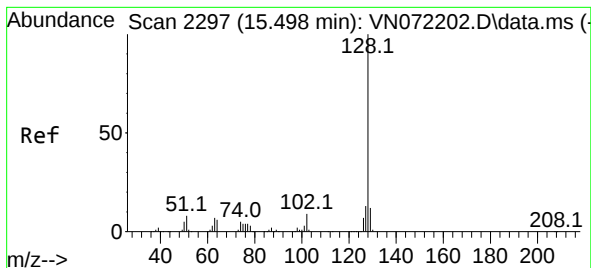
Tgt Ion: 75 Resp: 127968
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.559 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072238.D
Acq: 28 Apr 2022 15:17

Tgt Ion:180 Resp: 402
Ion Ratio Lower Upper
180 100
182 98.8 47.5 142.5
145 13.2 14.5 43.5#





#95

Naphthalene

Concen: 4.599 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072238.D

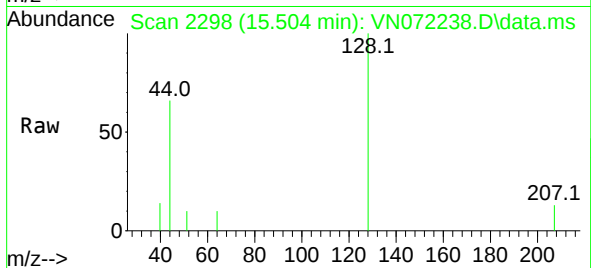
Acq: 28 Apr 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

BP-MW150S1-TB-20220426



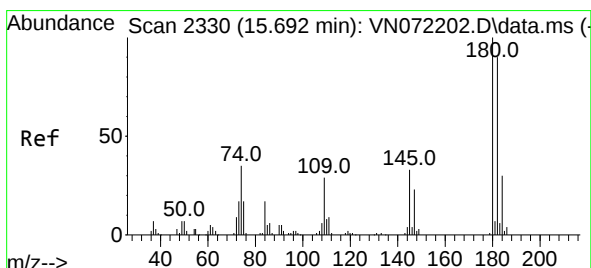
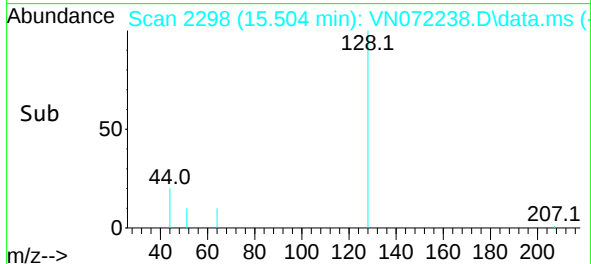
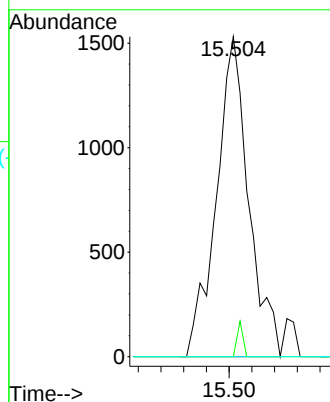
Tgt Ion:128 Resp: 3024

Ion Ratio Lower Upper

128 100

127 2.0 10.3 15.5#

129 0.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 2.911 ug/l

RT: 15.710 min Scan# 2333

Delta R.T. 0.018 min

Lab File: VN072238.D

Acq: 28 Apr 2022 15:17

Tgt Ion:180 Resp: 685

Ion Ratio Lower Upper

180 100

182 92.4 47.8 143.3

145 34.7 15.5 46.5

