

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072240.D
 Acq On : 28 Apr 2022 16:05
 Operator : JC\MD
 Sample : N2601-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW150S1-GW-245-247

Quant Time: Apr 29 06:34:15 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)

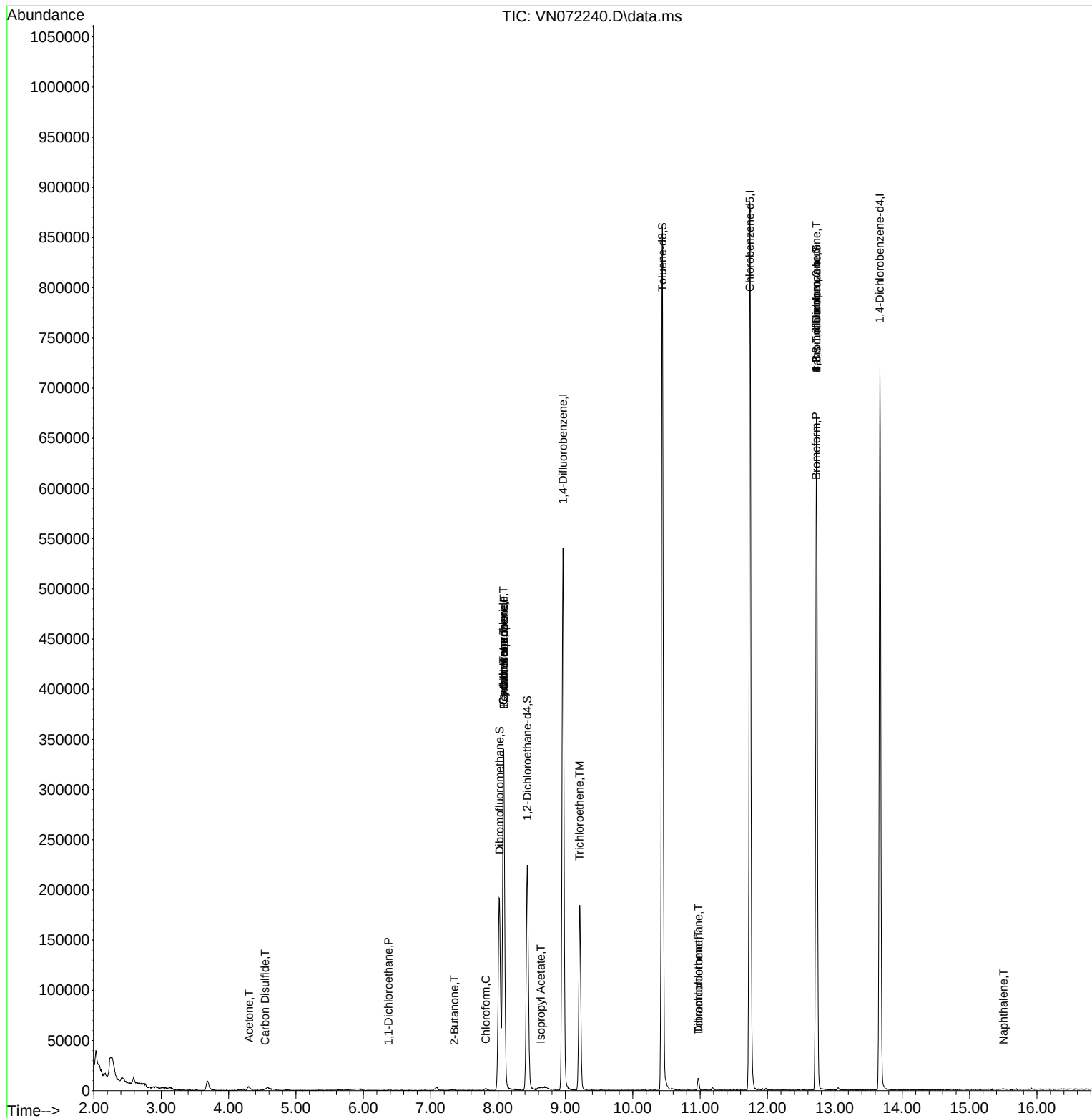
Internal Standards						
1) Pentafluorobenzene	8.086	168	240886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	451190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	498641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	183367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	196548	53.148	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.300%			
35) Dibromofluoromethane	8.022	113	140596	48.685	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.380%			
50) Toluene-d8	10.439	98	585119	51.563	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.727	95	232440	61.713	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 123.420%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	1964	Below Cal	#	86
5) Bromomethane	2.869	94	174	Below Cal	#	2
6) Chloroethane	2.998	64	393	Below Cal	#	42
16) Acetone	4.304	43	5790	3.631	ug/l	94
17) Carbon Disulfide	4.540	76	673	0.487	ug/l	# 75
24) 1,1-Dichloroethane	6.375	63	1475	0.268	ug/l	# 82
25) 2-Butanone	7.351	43	1606	0.632	ug/l	95
30) Chloroform	7.816	83	2135	0.386	ug/l	# 72
31) Cyclohexane	8.081	56	5618	1.137	ug/l	# 33
36) 1,1-Dichloropropene	8.086	75	21790	5.184	ug/l	# 49
38) Carbon Tetrachloride	8.081	117	27871	6.191	ug/l	# 17
43) Isopropyl Acetate	8.633	43	3920	1.241	ug/l	# 53
44) Trichloroethene	9.210	130	65387	21.558	ug/l	89
60) Dibromochloromethane	10.974	129	2826	0.846	ug/l	# 11
64) Tetrachloroethene	10.974	164	2677	0.892	ug/l	# 82
71) Bromoform	12.721	173	1073	0.380	ug/l	# 28
76) 1,2,3-Trichloropropane	12.727	75	128142	31.103	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	128142	80.803	ug/l	# 10
95) Naphthalene	15.504	128	826	4.379	ug/l	# 69

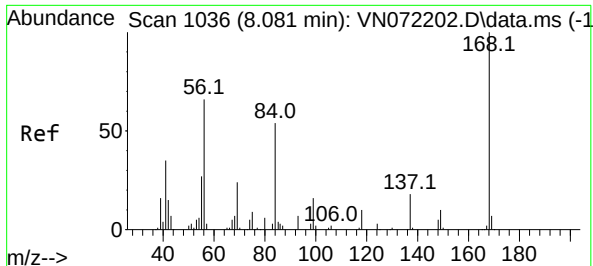
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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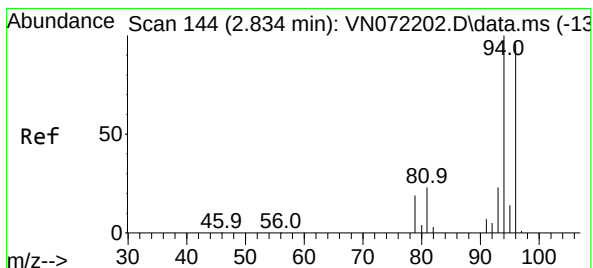
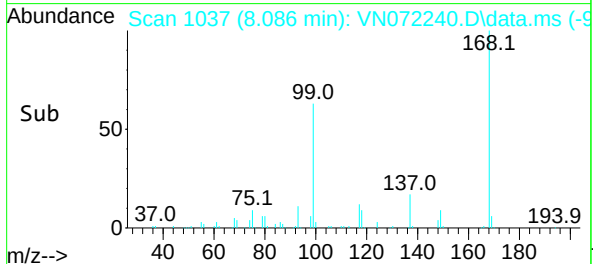
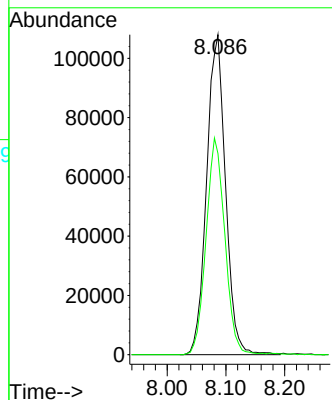
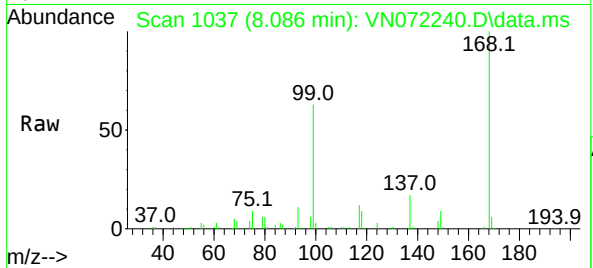




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

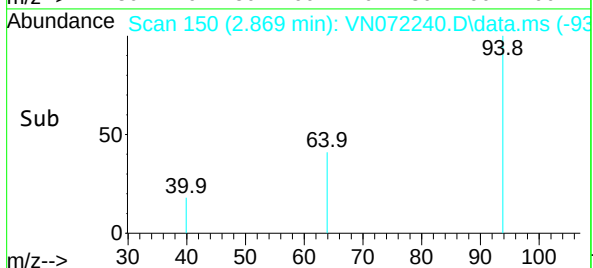
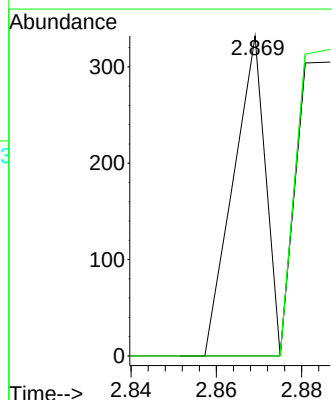
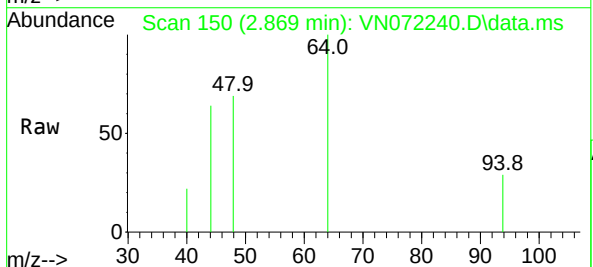
Instrument :
MSVOA_N
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BP-MW150S1-GW-245-247

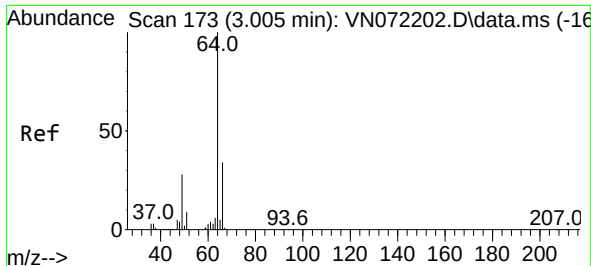
Tgt Ion:168 Resp: 240886
Ion Ratio Lower Upper
168 100
99 62.9 42.3 63.5



#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 150
Delta R.T. 0.035 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Tgt Ion: 94 Resp: 174
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

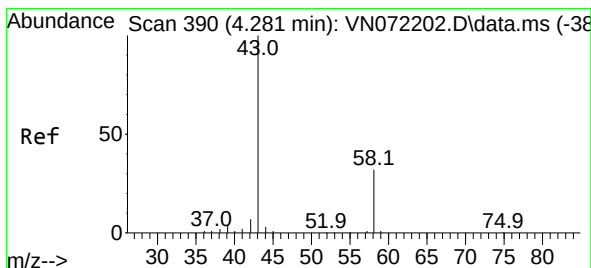
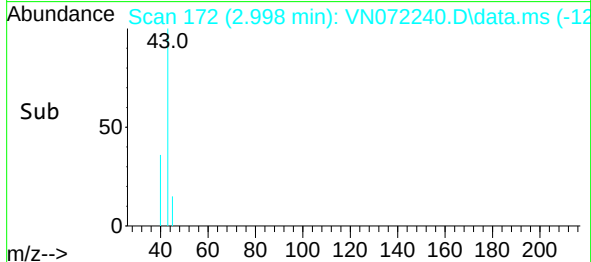
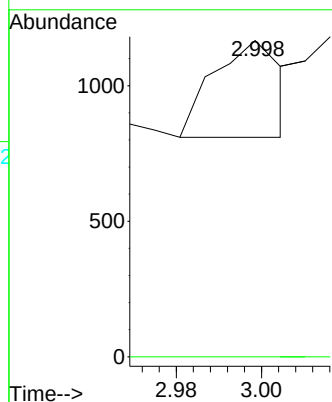
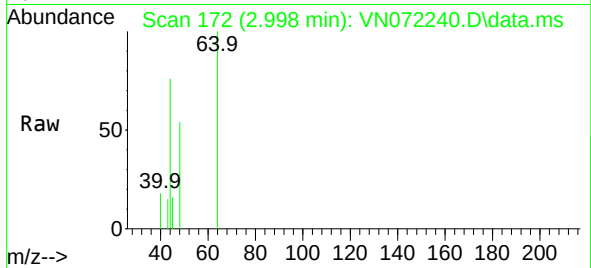




#6
Chloroethane
Concen: Below Cal
RT: 2.998 min Scan# 11
Delta R.T. -0.007 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

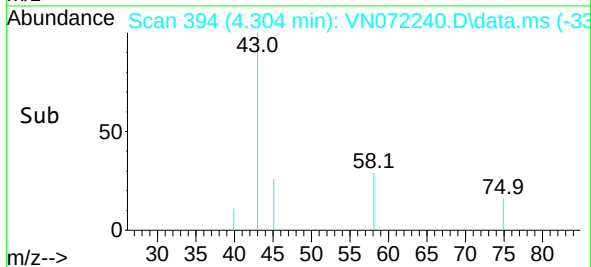
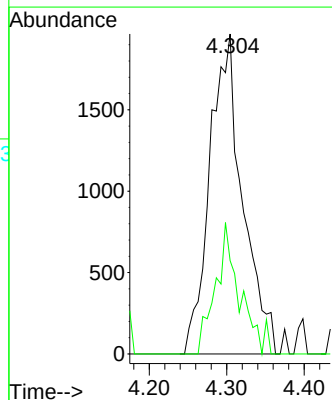
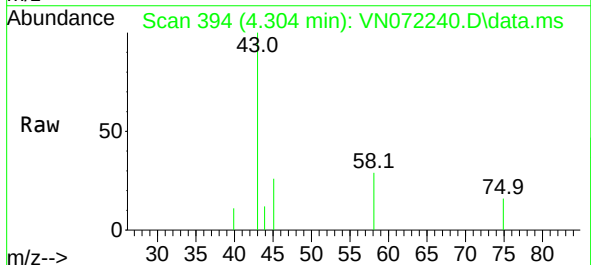
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

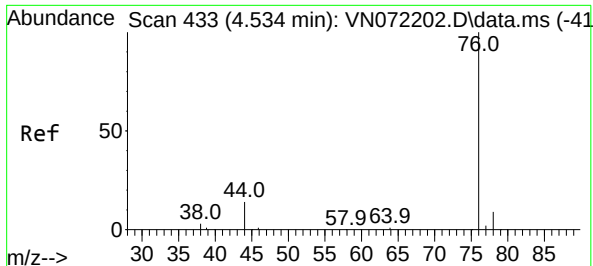
Tgt Ion: 64 Resp: 393
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 3.631 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Tgt Ion: 43 Resp: 5790
Ion Ratio Lower Upper
43 100
58 29.1 26.0 39.0





#17

Carbon Disulfide

Concen: 0.487 ug/l

RT: 4.540 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072240.D

Acq: 28 Apr 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

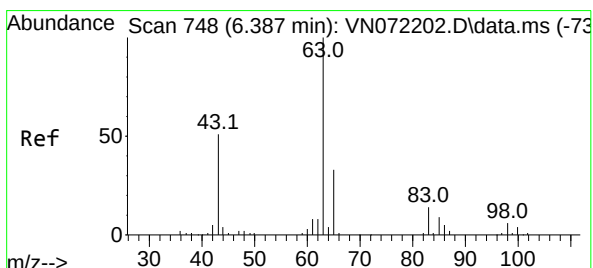
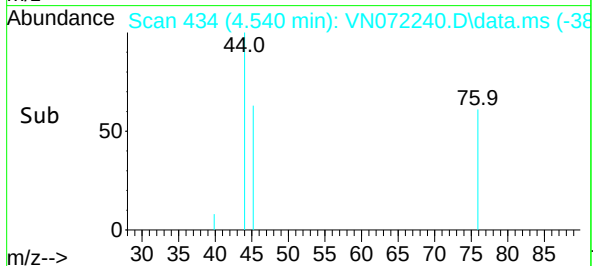
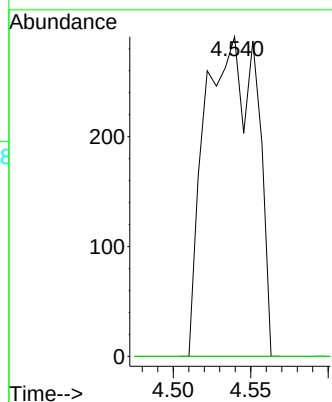
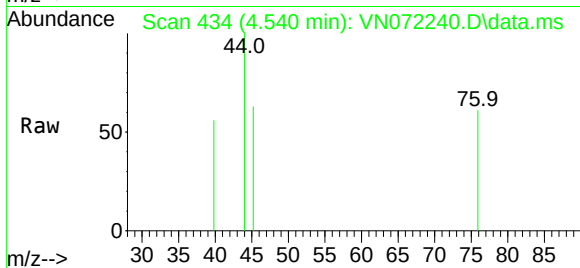
BP-MW150S1-GW-245-247

Tgt Ion: 76 Resp: 673

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#24

1,1-Dichloroethane

Concen: 0.268 ug/l

RT: 6.375 min Scan# 746

Delta R.T. -0.012 min

Lab File: VN072240.D

Acq: 28 Apr 2022 16:05

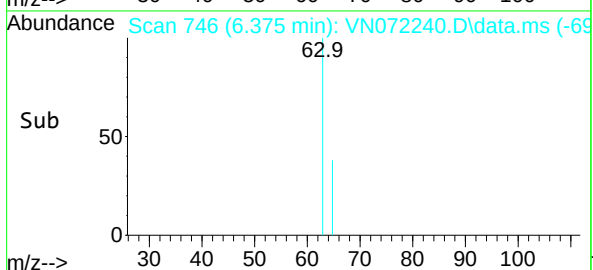
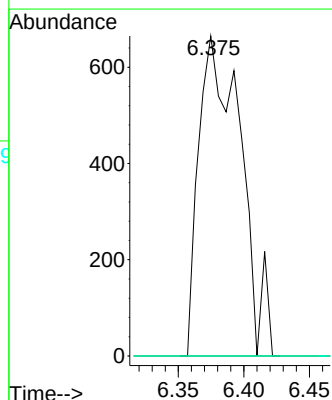
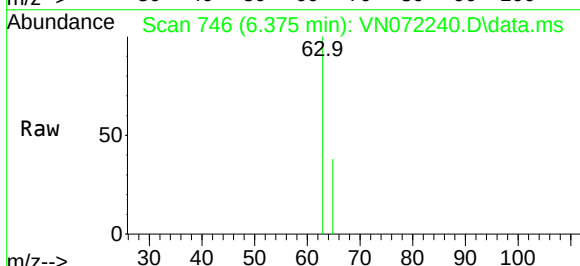
Tgt Ion: 63 Resp: 1475

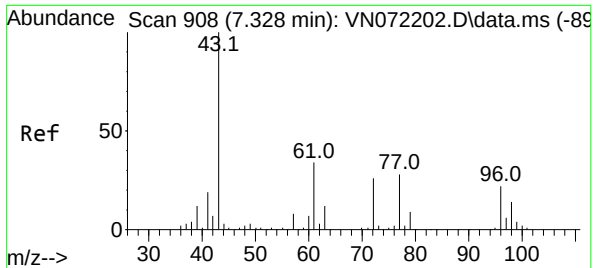
Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.4#

100 0.0 2.3 6.8#

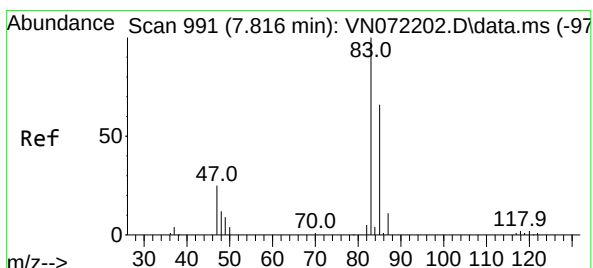
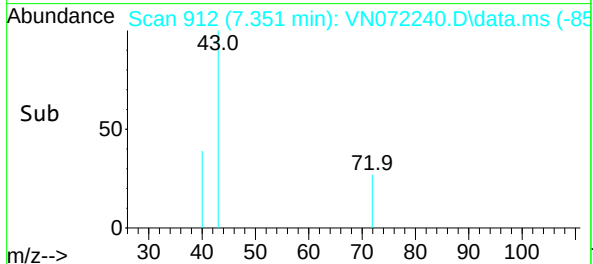
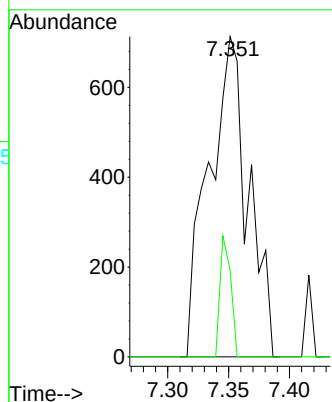
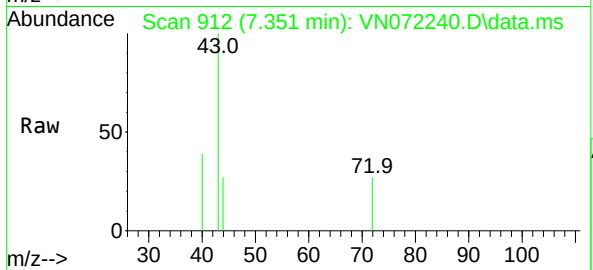




#25
2-Butanone
Concen: 0.632 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

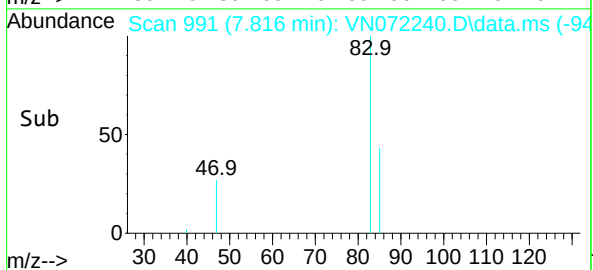
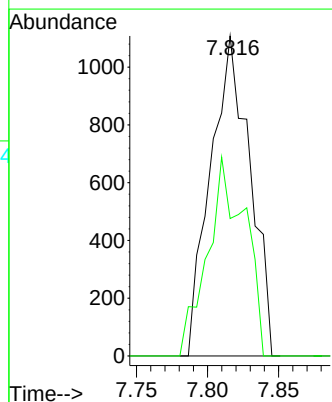
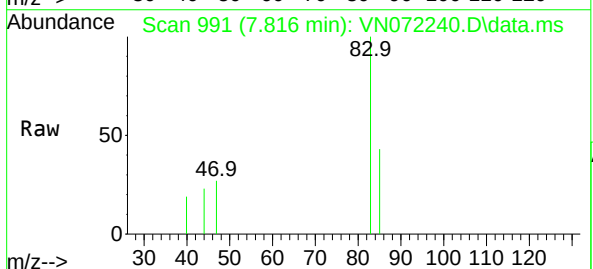
Instrument :
MSVOA_N
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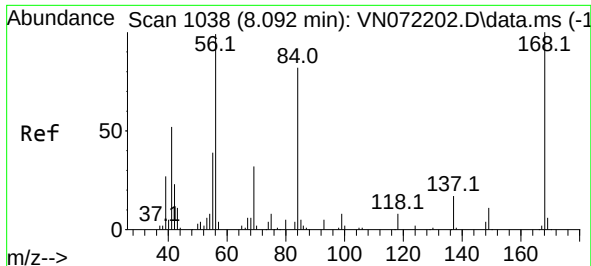
Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
72 27.1 23.7 35.5



#30
Chloroform
Concen: 0.386 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

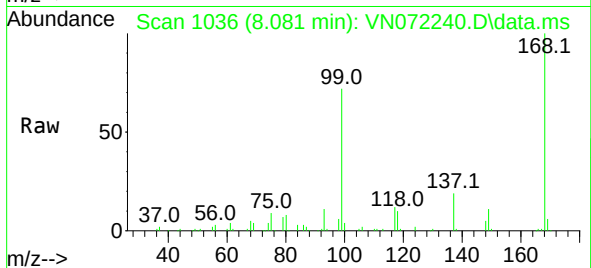
Tgt Ion: 83 Resp: 2135
Ion Ratio Lower Upper
83 100
85 43.0 51.8 77.8#



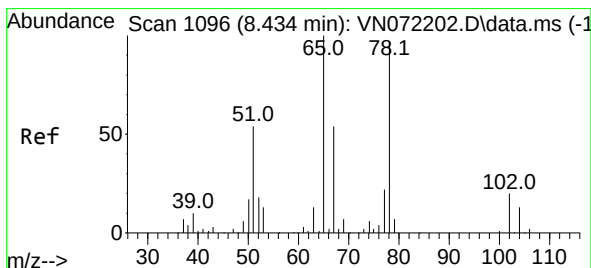
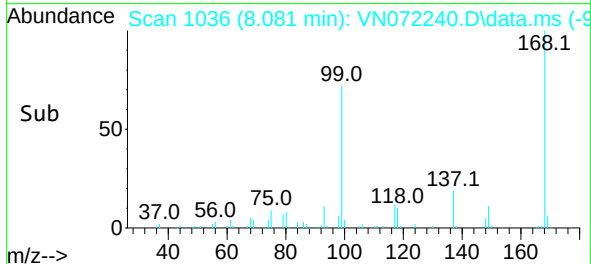
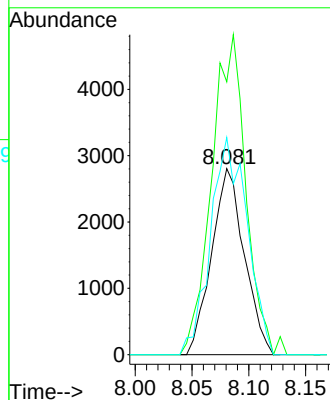


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

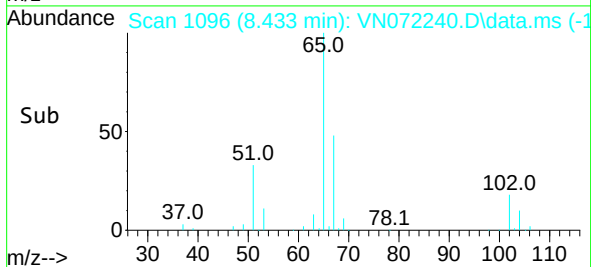
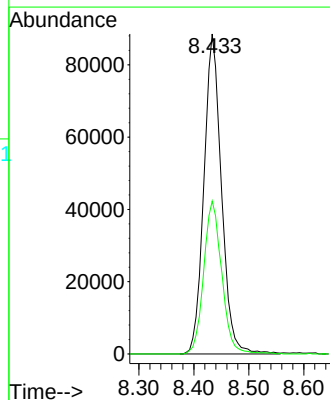
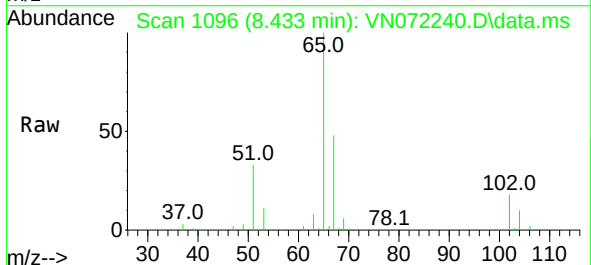


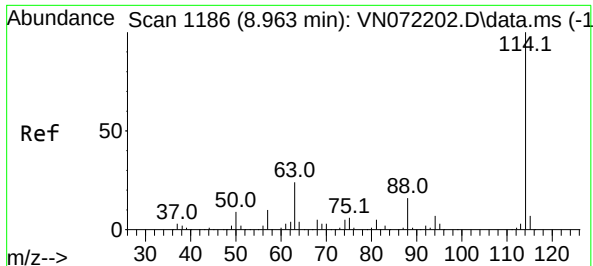
Tgt Ion: 56 Resp: 5618
Ion Ratio Lower Upper
56 100
69 146.7 27.8 41.8#
84 116.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.148 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Tgt Ion: 65 Resp: 196548
Ion Ratio Lower Upper
65 100
67 49.2 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: VN072240.D

Acq: 28 Apr 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

BP-MW150S1-GW-245-247

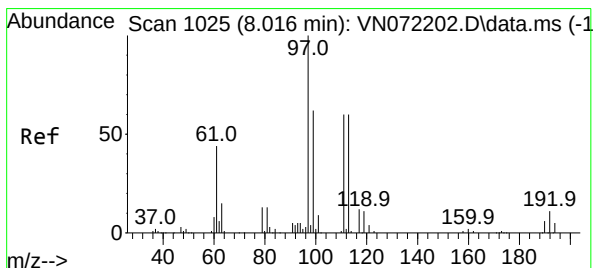
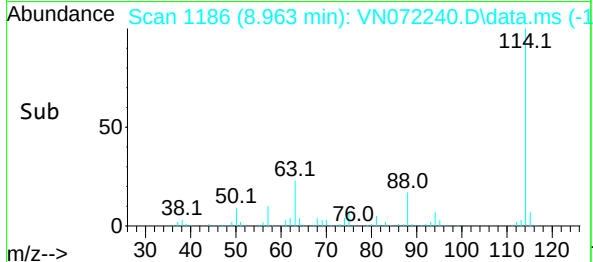
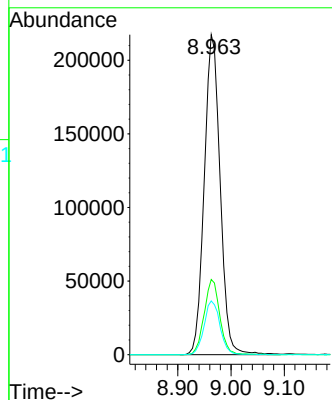
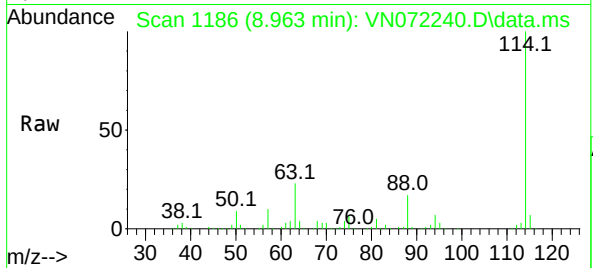
Tgt Ion:114 Resp: 451190

Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.0

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.685 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072240.D

Acq: 28 Apr 2022 16:05

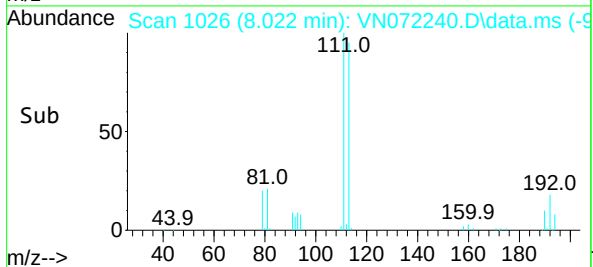
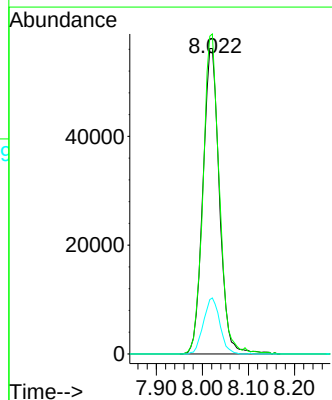
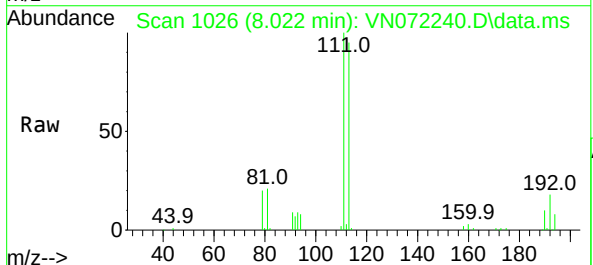
Tgt Ion:113 Resp: 140596

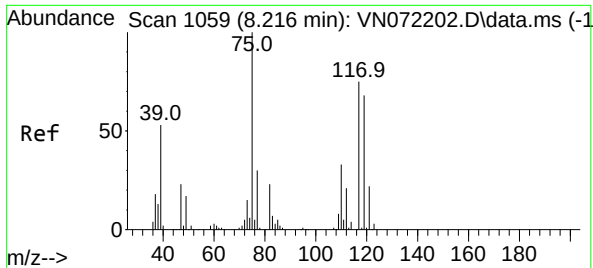
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 18.2 17.0 25.6

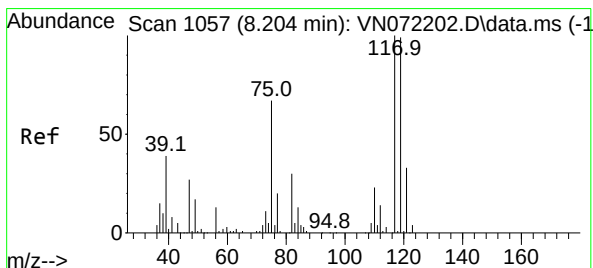
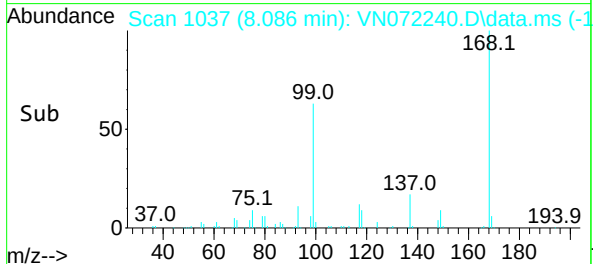
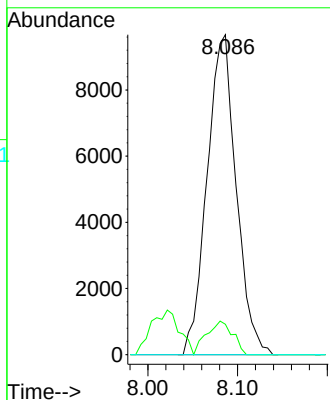
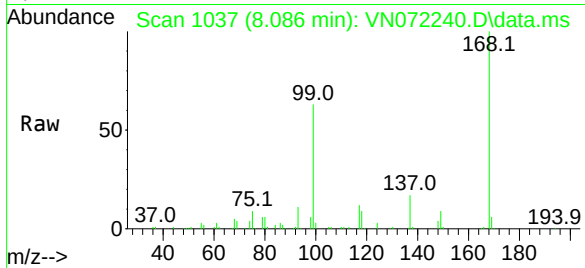




#36
1,1-Dichloropropene
Concen: 5.184 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

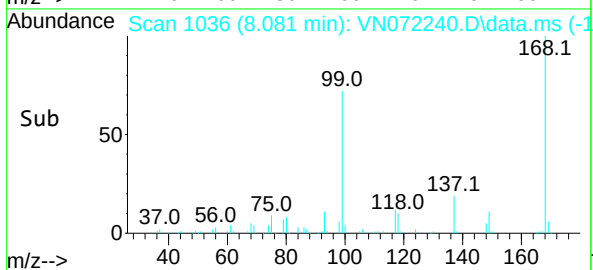
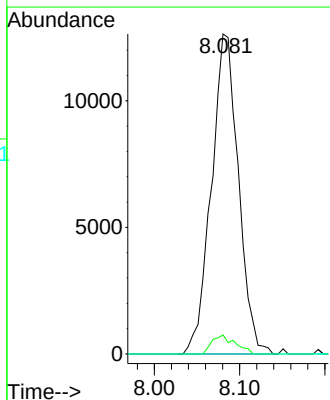
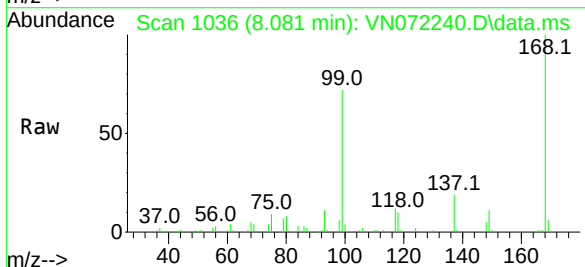
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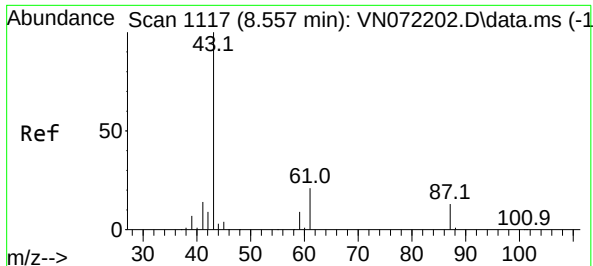
Tgt Ion: 75 Resp: 21790
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Tgt Ion: 117 Resp: 27871
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.8#
121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 1.241 ug/l

RT: 8.633 min Scan# 1117

Delta R.T. 0.076 min

Lab File: VN072240.D

Acq: 28 Apr 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

BP-MW150S1-GW-245-247

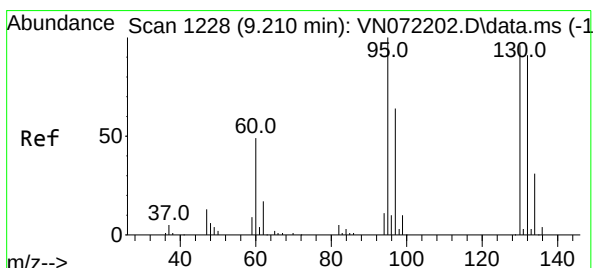
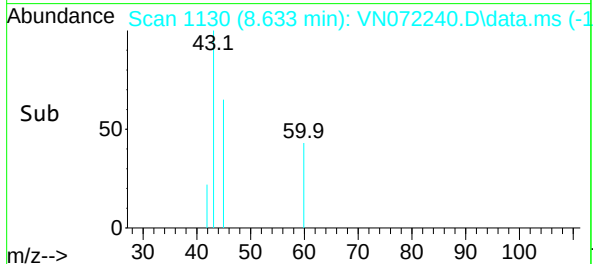
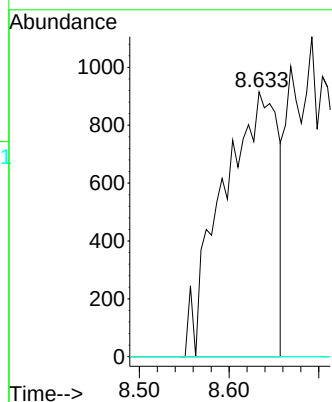
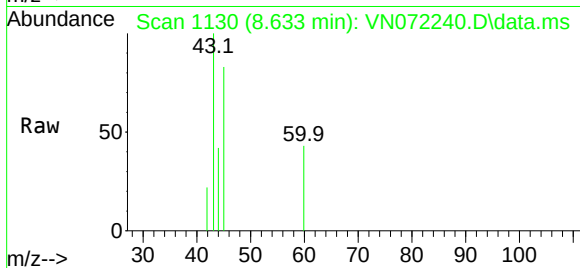
Tgt Ion: 43 Resp: 3920

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#44

Trichloroethene

Concen: 21.558 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VN072240.D

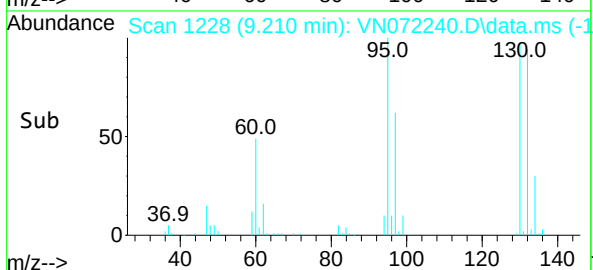
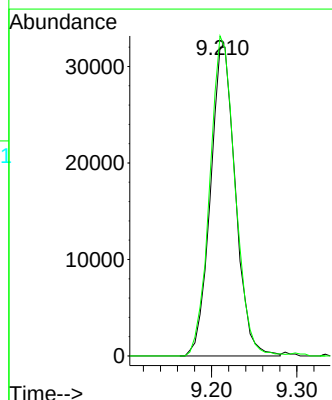
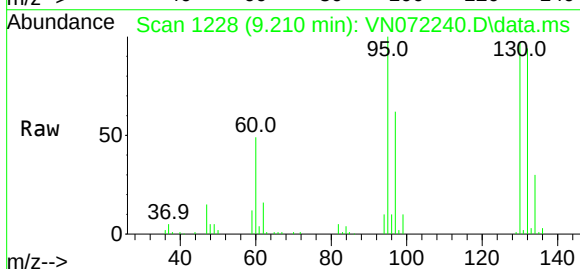
Acq: 28 Apr 2022 16:05

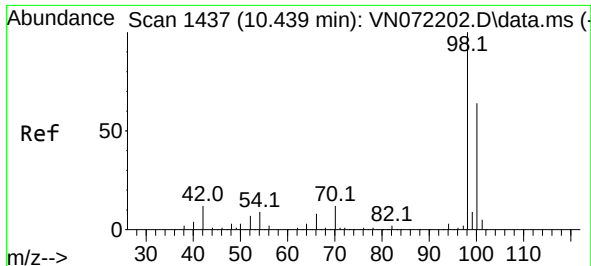
Tgt Ion:130 Resp: 65387

Ion Ratio Lower Upper

130 100

95 103.6 0.0 186.8

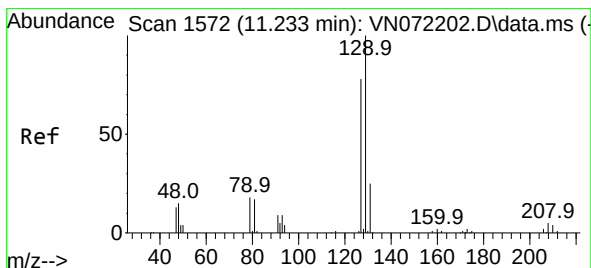
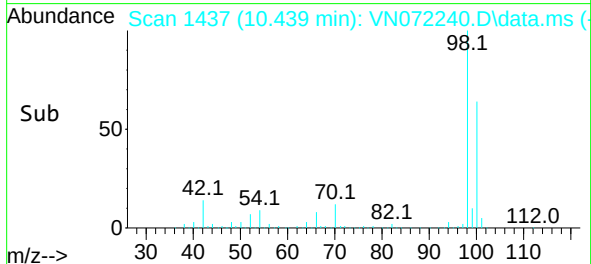
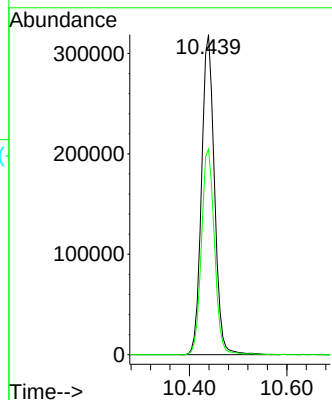
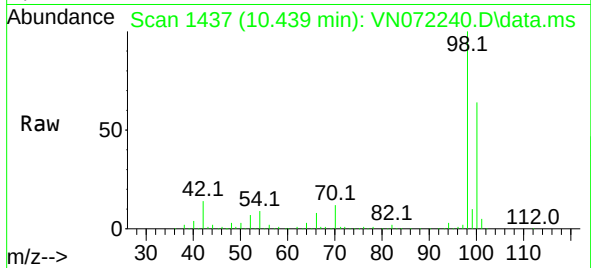




#50
Toluene-d8
Concen: 51.563 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

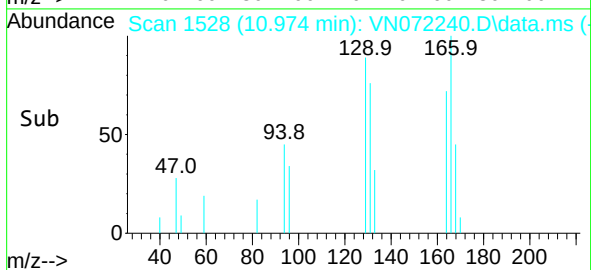
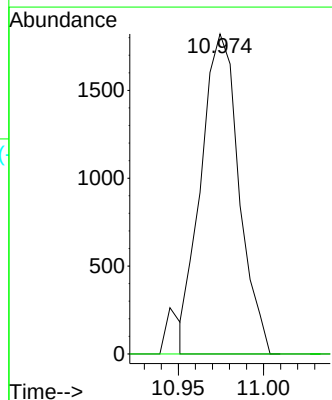
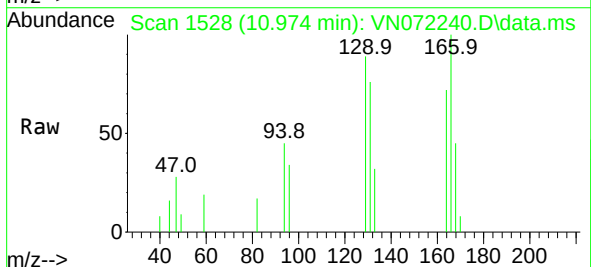
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

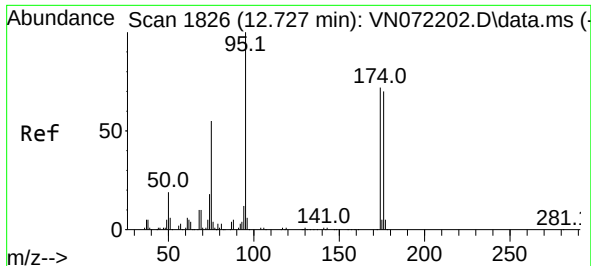
Tgt Ion: 98 Resp: 585119
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#60
Dibromochloromethane
Concen: 0.846 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.259 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Tgt Ion: 129 Resp: 2826
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

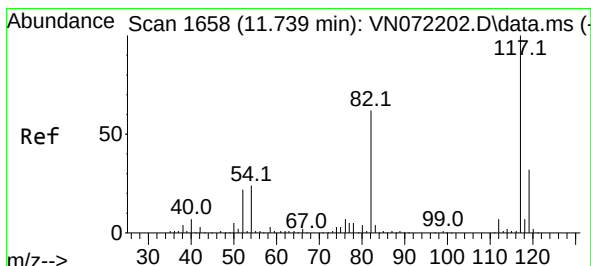
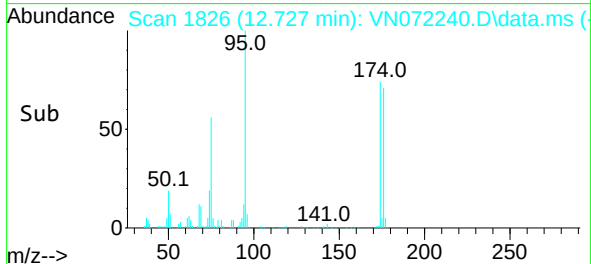
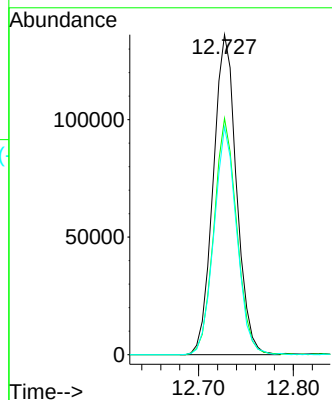
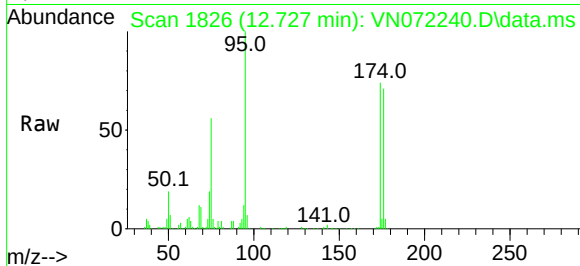




#62
4-Bromofluorobenzene
Concen: 61.713 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

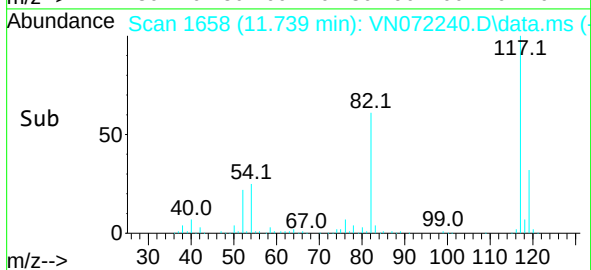
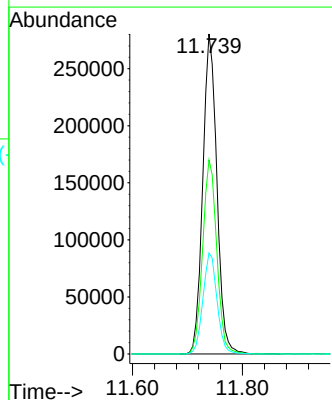
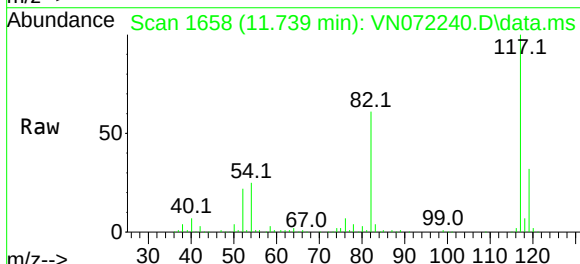
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

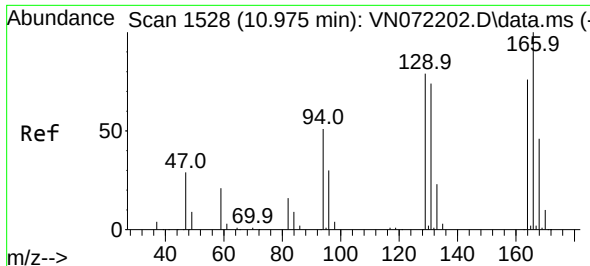
Tgt Ion: 95 Resp: 232440
Ion Ratio Lower Upper
95 100
174 72.7 0.0 167.6
176 69.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

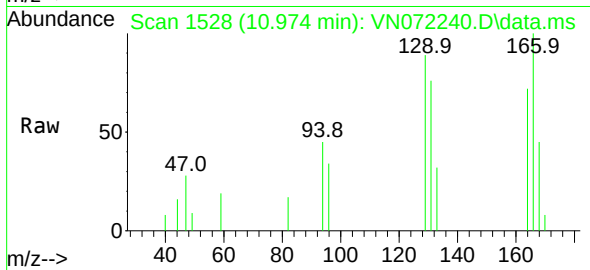
Tgt Ion: 117 Resp: 498641
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 31.6 25.4 38.0



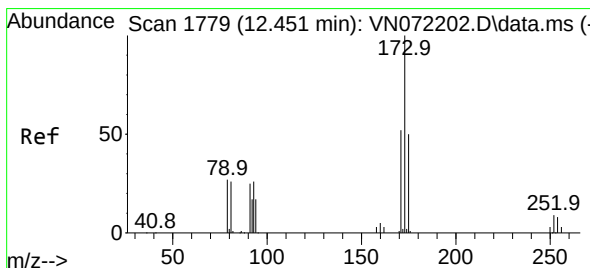
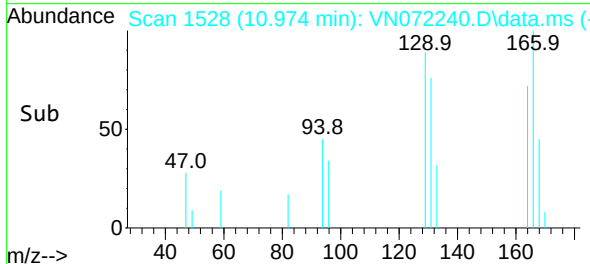
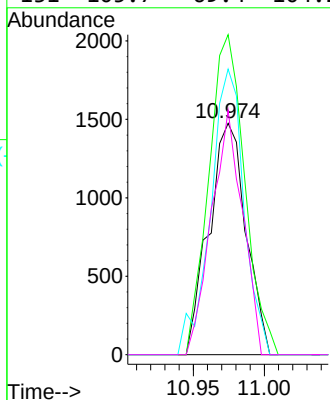


#64
Tetrachloroethene
Concen: 0.892 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

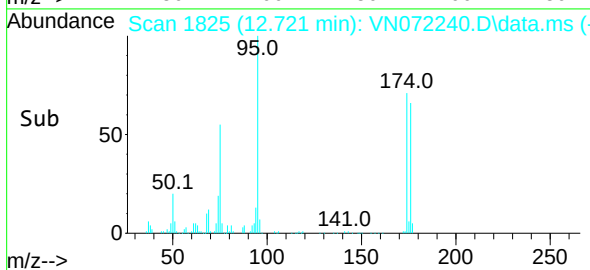
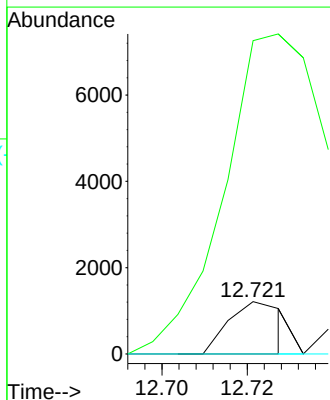
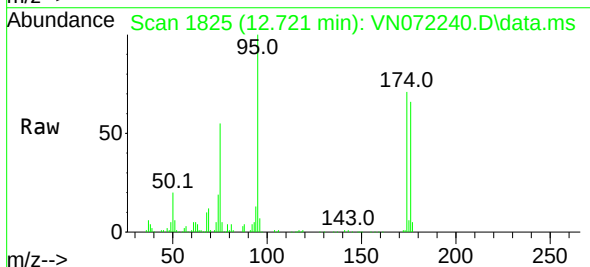


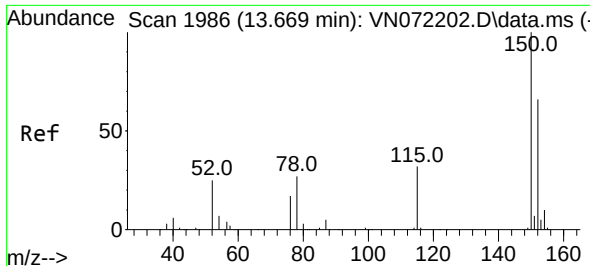
Tgt Ion:164 Resp: 2677
Ion Ratio Lower Upper
164 100
166 138.3 104.2 156.2
129 123.5 73.9 110.9#
131 105.7 69.4 104.2#



#71
Bromoform
Concen: 0.380 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Tgt Ion:173 Resp: 1073
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

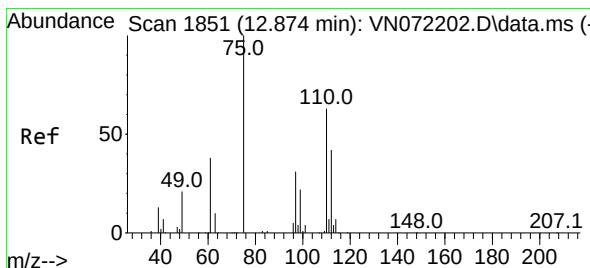
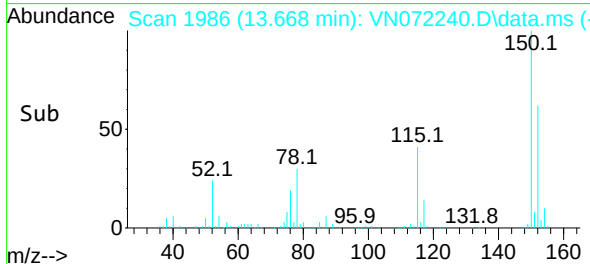
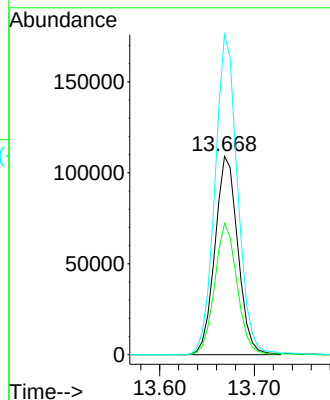
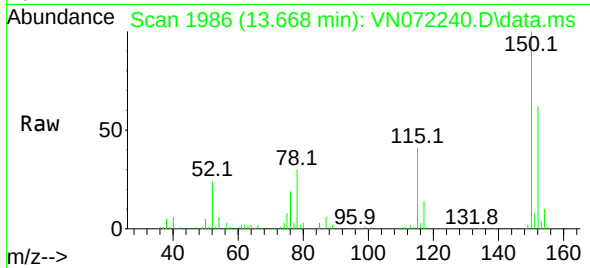




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072240.D
 Acq: 28 Apr 2022 16:05

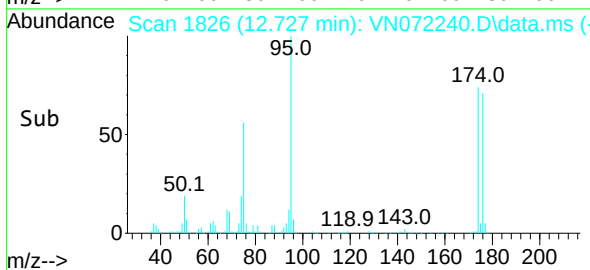
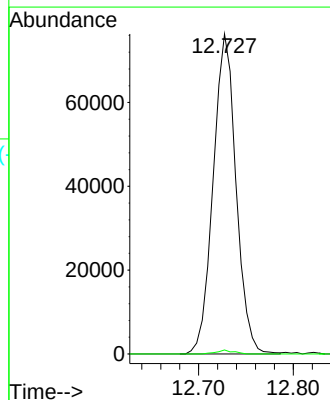
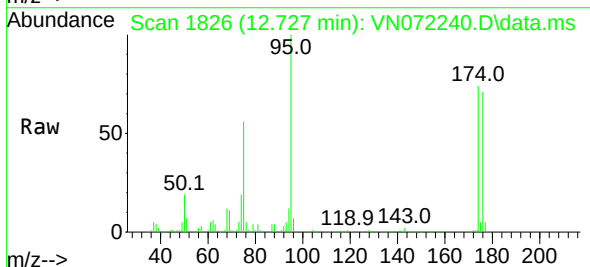
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW150S1-GW-245-247

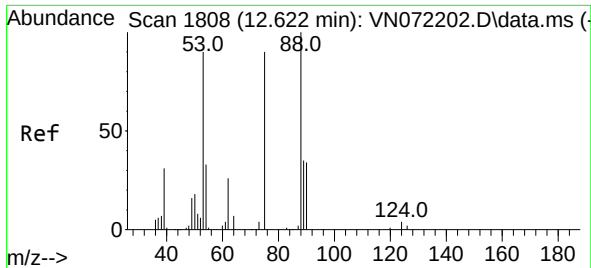
Tgt Ion:152 Resp: 183367
 Ion Ratio Lower Upper
 152 100
 115 65.1 28.9 86.7
 150 160.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 31.103 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072240.D
 Acq: 28 Apr 2022 16:05

Tgt Ion: 75 Resp: 128142
 Ion Ratio Lower Upper
 75 100
 77 0.9 98.5 295.5#

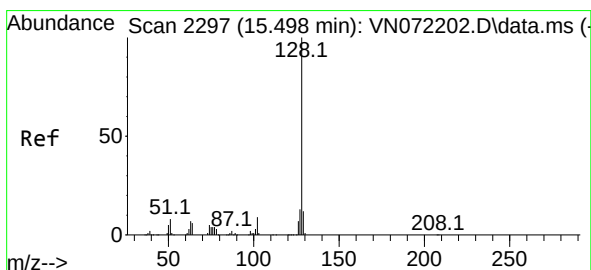
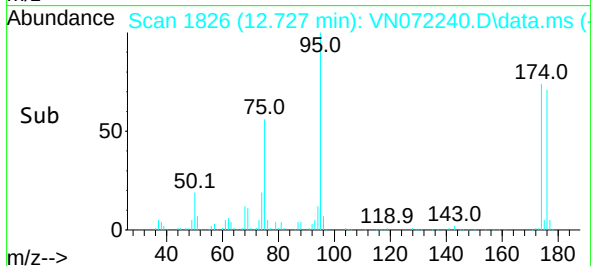
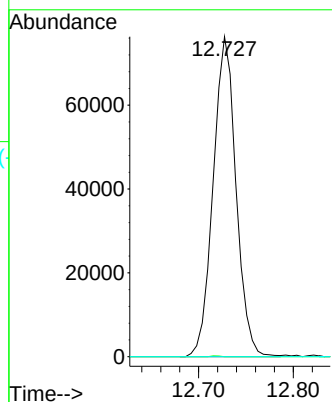
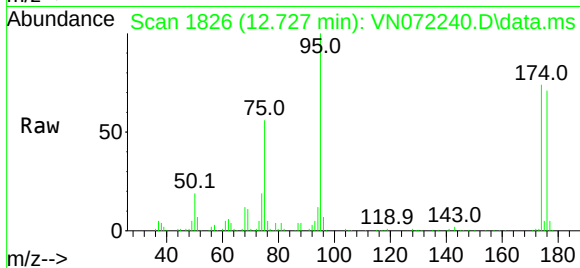




#81
trans-1,4-Dichloro-2-butene
Concen: 80.803 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

Tgt Ion: 75 Resp: 128142
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 4.379 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072240.D
Acq: 28 Apr 2022 16:05

Tgt Ion: 128 Resp: 826
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

