

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072239.D
 Acq On : 28 Apr 2022 15:41
 Operator : JC\MD
 Sample : N2601-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW150S1-GW-235-237

Quant Time: Apr 29 06:33:57 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)

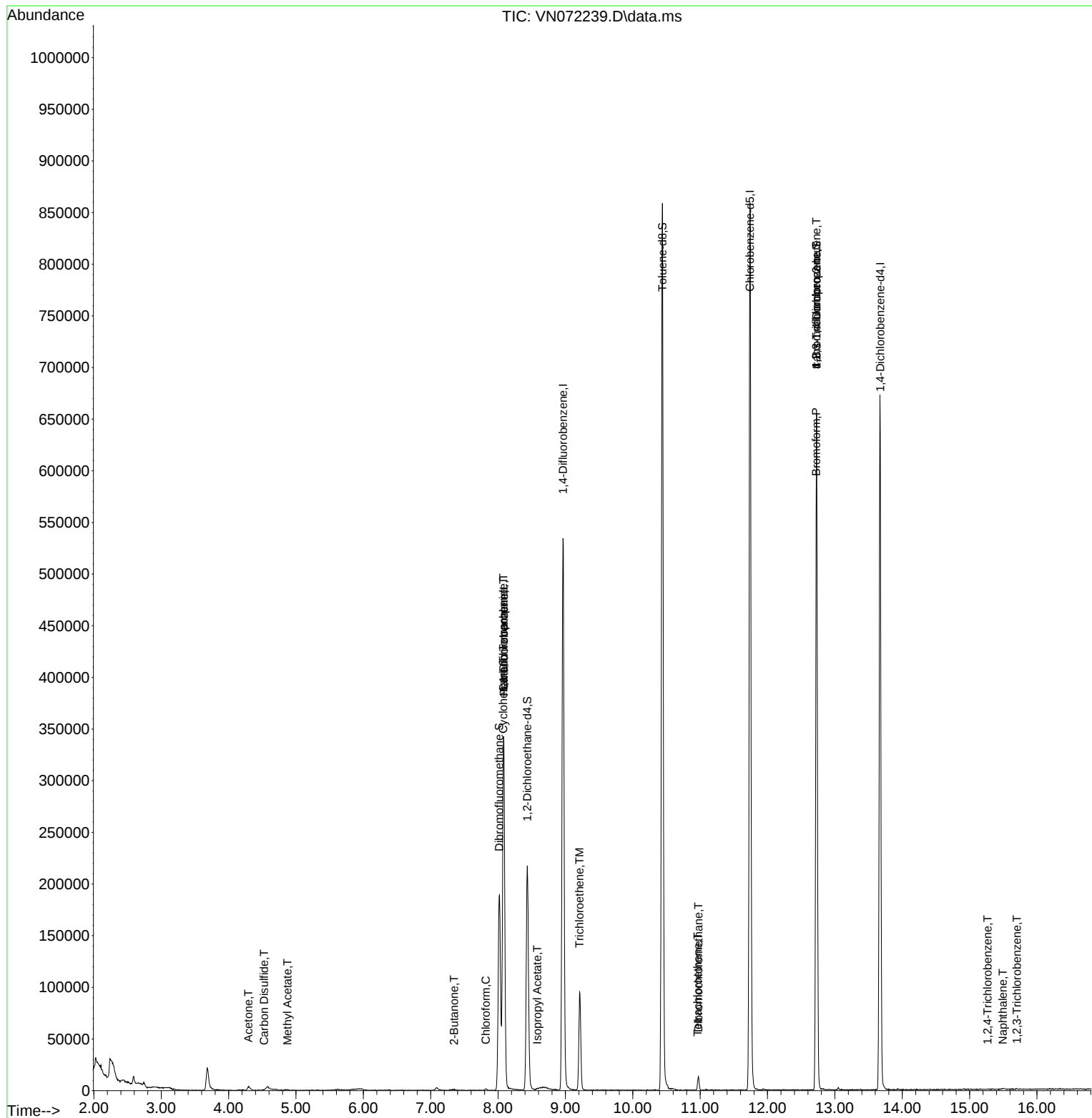
Internal Standards						
1) Pentafluorobenzene	8.086	168	247664	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	460133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	484086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	172818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	193000	50.760	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.520%	
35) Dibromofluoromethane	8.016	113	141852	48.165	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.340%	
50) Toluene-d8	10.439	98	587109	50.733	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	12.727	95	225442	58.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 117.380%	
Target Compounds						Qvalue
3) Chloromethane	2.304	50	1458	Below Cal		89
5) Bromomethane	2.875	94	323	Below Cal		86
6) Chloroethane	3.104	64	225	Below Cal	#	42
16) Acetone	4.292	43	5272	3.216	ug/l	95
17) Carbon Disulfide	4.528	76	555	0.462	ug/l #	75
18) Methyl Acetate	4.875	43	1445	0.276	ug/l #	48
25) 2-Butanone	7.345	43	1185	0.454	ug/l #	45
30) Chloroform	7.816	83	1722	0.303	ug/l	85
31) Cyclohexane	8.075	56	6021	1.185	ug/l #	43
36) 1,1-Dichloropropene	8.080	75	21484	5.012	ug/l #	50
38) Carbon Tetrachloride	8.080	117	27662	6.025	ug/l #	17
43) Isopropyl Acetate	8.580	43	952	0.906	ug/l #	53
44) Trichloroethene	9.210	130	33035	10.680	ug/l	93
60) Dibromochloromethane	10.974	129	2795	0.820	ug/l #	11
64) Tetrachloroethene	10.963	164	2887	0.991	ug/l #	60
71) Bromoform	12.721	173	1152	0.420	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	126822	32.628	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	126822	84.852	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	92	2.453	ug/l #	12
95) Naphthalene	15.492	128	1405	4.443	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.703	180	202	2.746	ug/l #	55

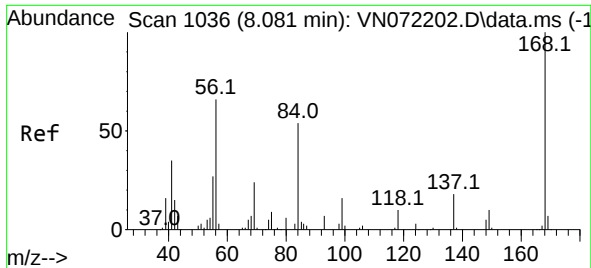
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

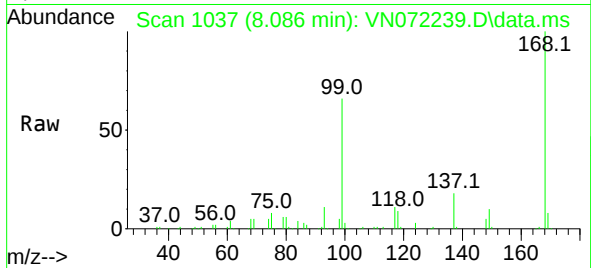
Quant Time: Apr 29 06:33:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
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Response via : Initial Calibration



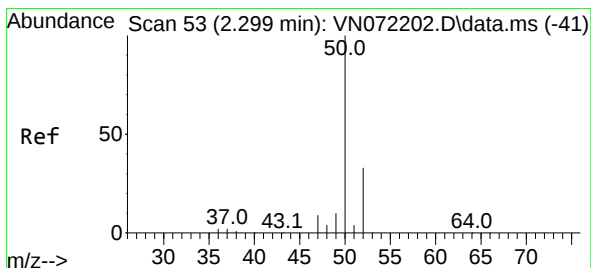
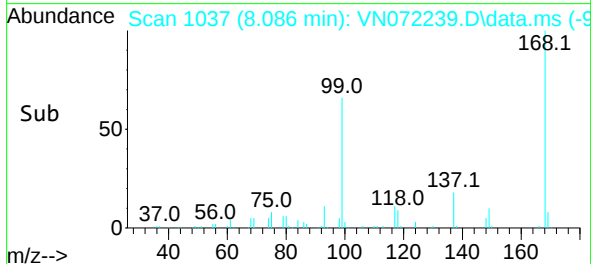
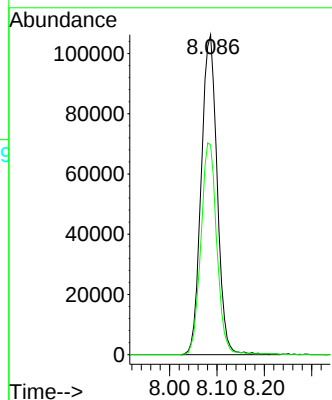


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

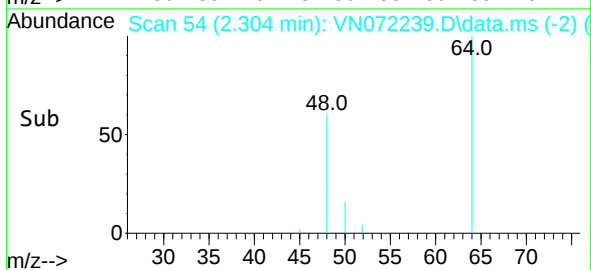
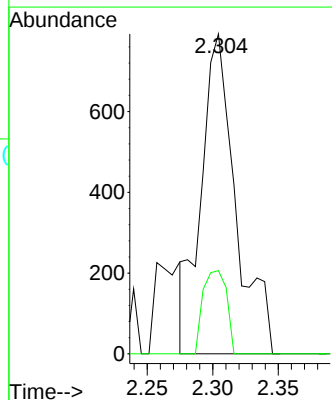
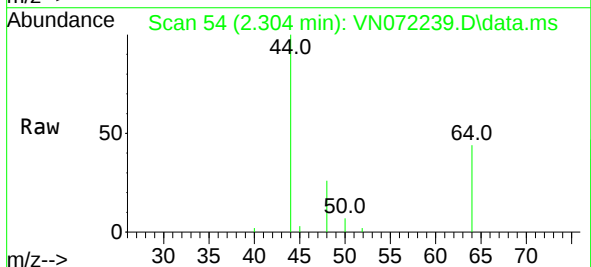


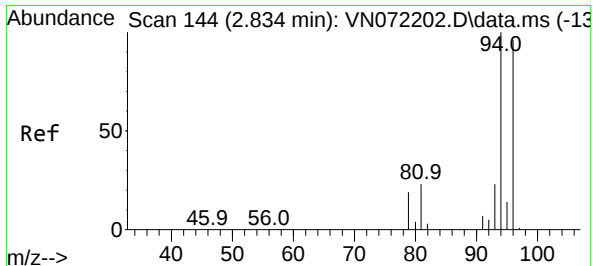
Tgt Ion:168 Resp: 247664
Ion Ratio Lower Upper
168 100
99 65.5 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion: 50 Resp: 1458
Ion Ratio Lower Upper
50 100
52 26.0 25.7 38.5

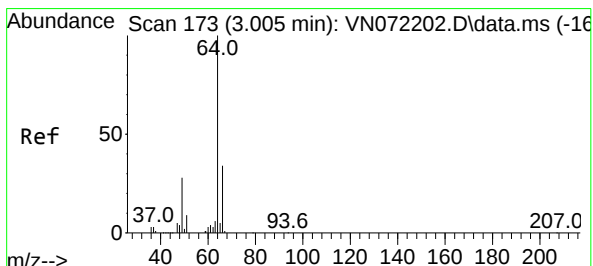
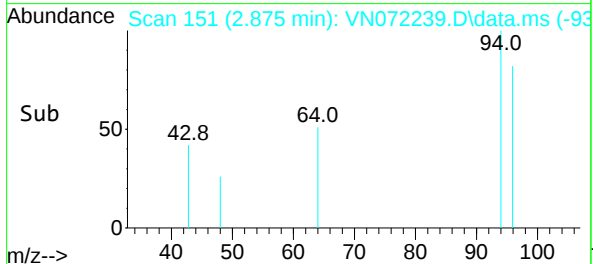
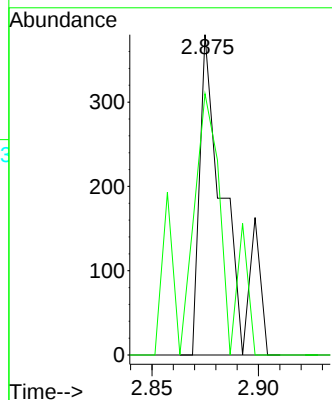
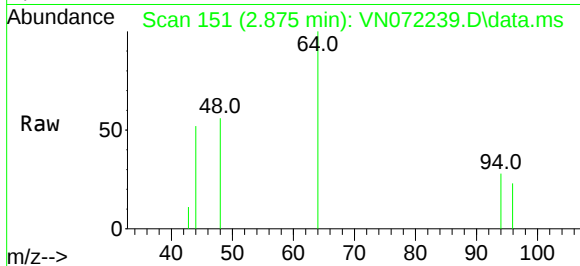




#5
Bromomethane
Concen: Below Cal
RT: 2.875 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

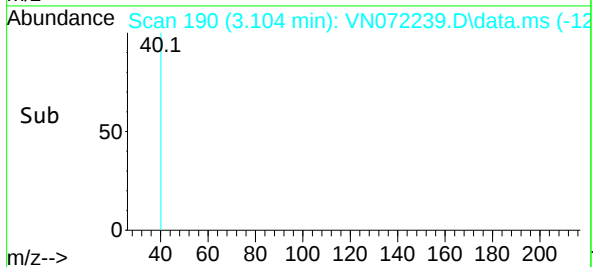
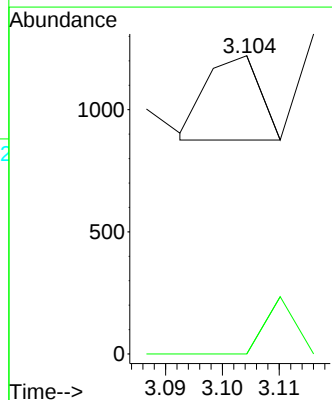
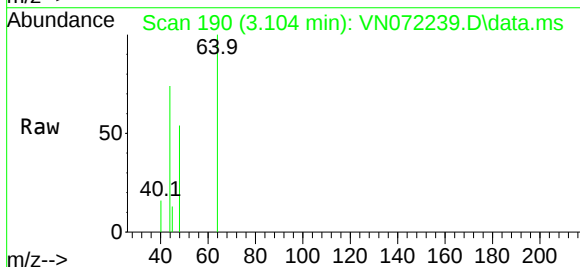
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

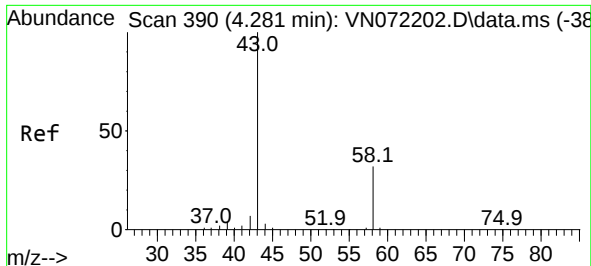
Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 81.6 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 3.104 min Scan# 190
Delta R.T. 0.099 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

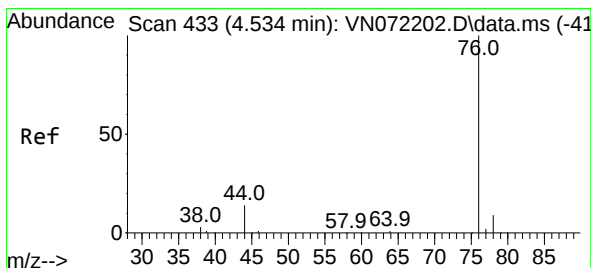
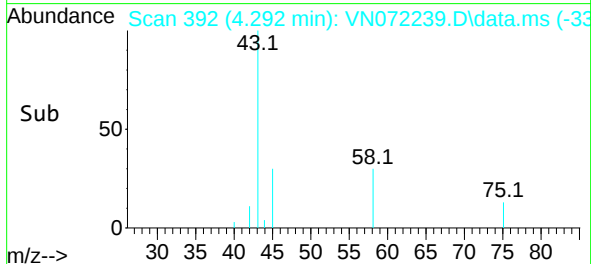
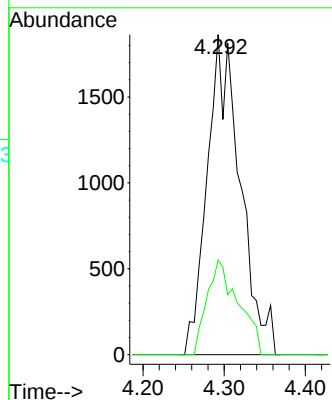
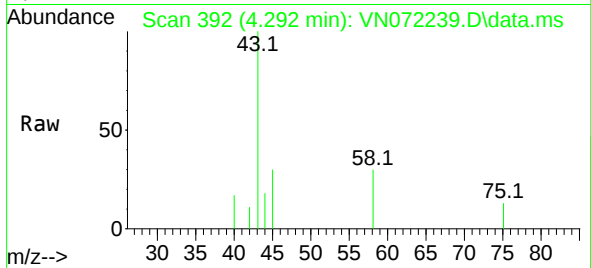




#16
Acetone
Concen: 3.216 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

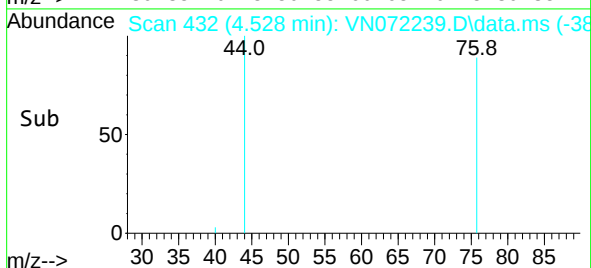
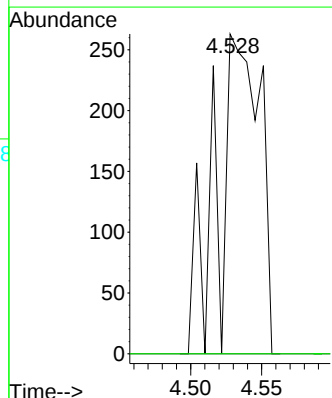
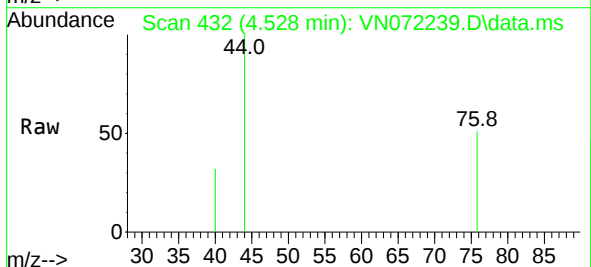
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

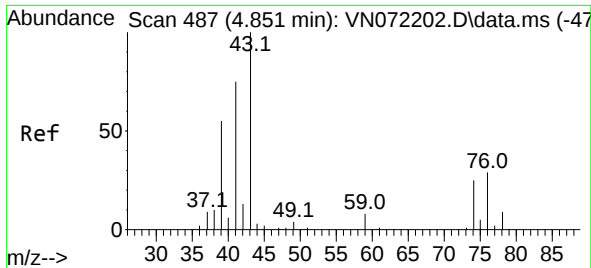
Tgt Ion: 43 Resp: 5272
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0



#17
Carbon Disulfide
Concen: 0.462 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion: 76 Resp: 555
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

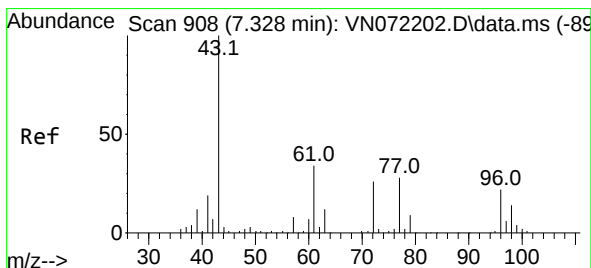
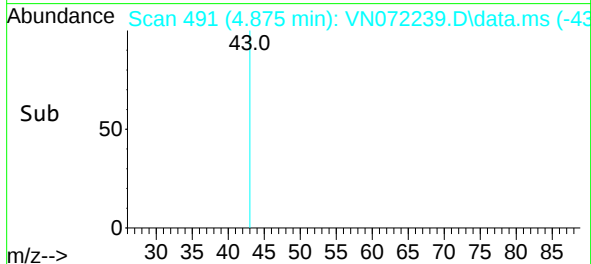
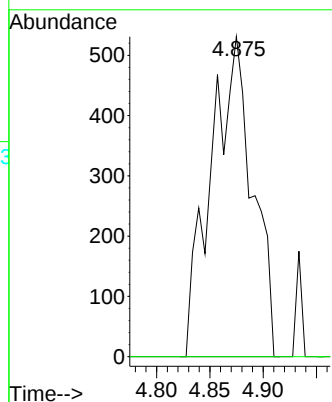
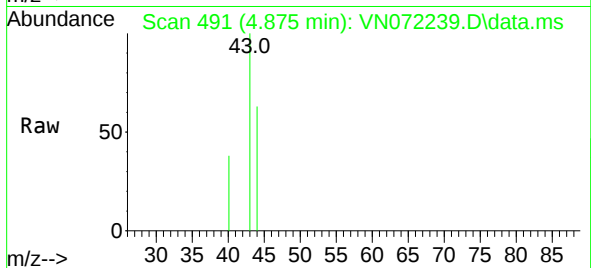




#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 4.875 min Scan# 491
Delta R.T. 0.024 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

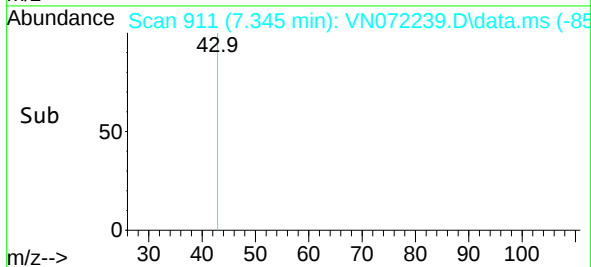
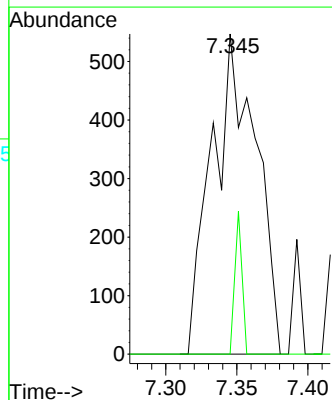
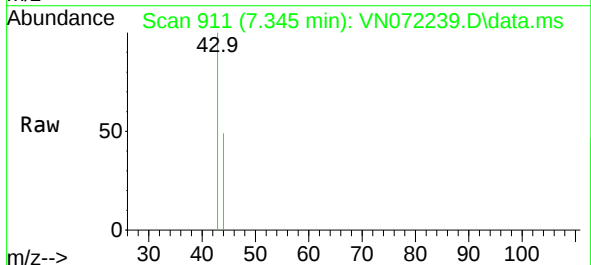
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

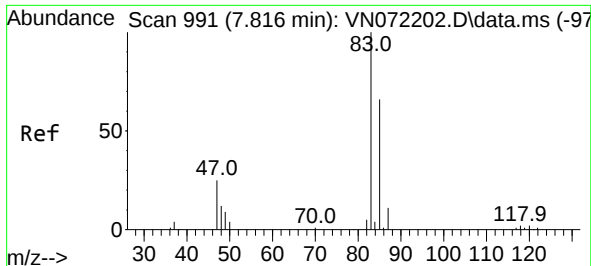
Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#25
2-Butanone
Concen: 0.454 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

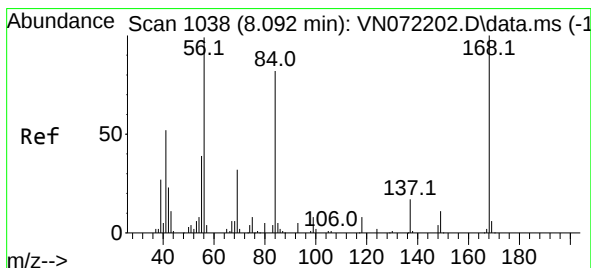
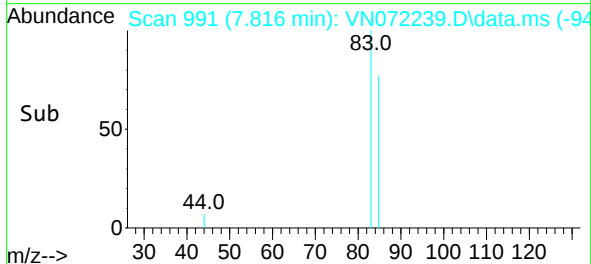
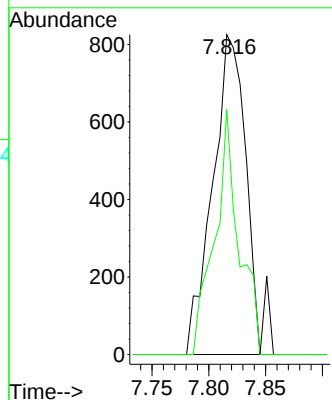
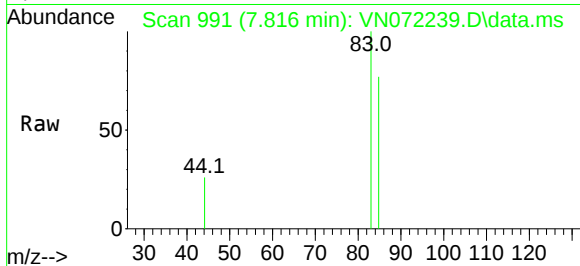




#30
Chloroform
Concen: 0.303 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

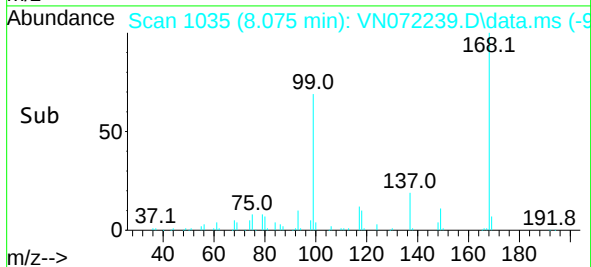
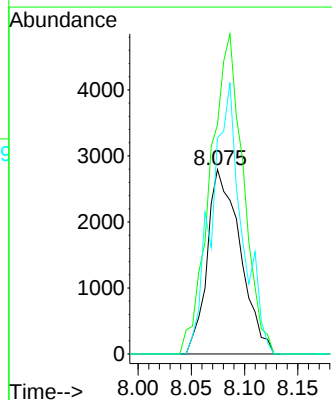
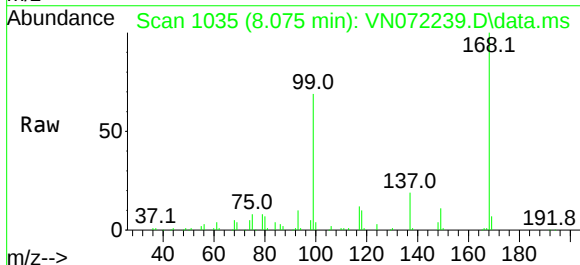
Instrument :
MSVOA_N
ClientSampleId :
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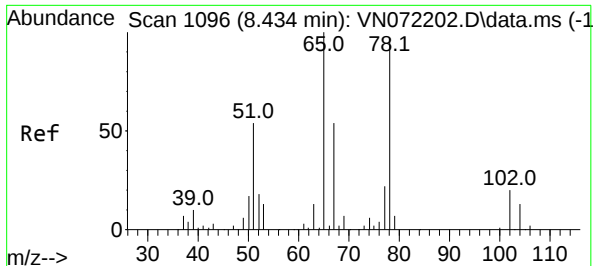
Tgt Ion: 83 Resp: 1722
Ion Ratio Lower Upper
83 100
85 76.6 51.8 77.8



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion: 56 Resp: 6021
Ion Ratio Lower Upper
56 100
69 124.4 27.8 41.8#
84 117.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 50.760 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072239.D

Acq: 28 Apr 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

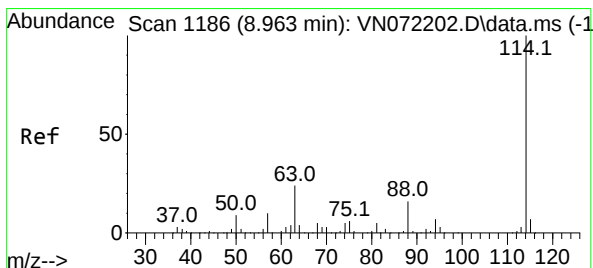
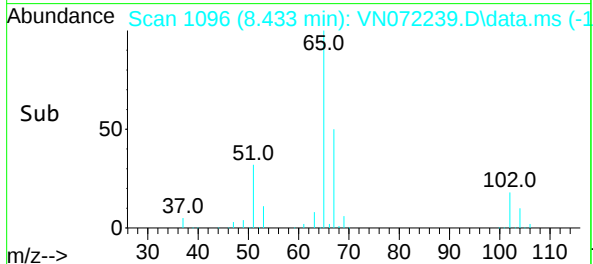
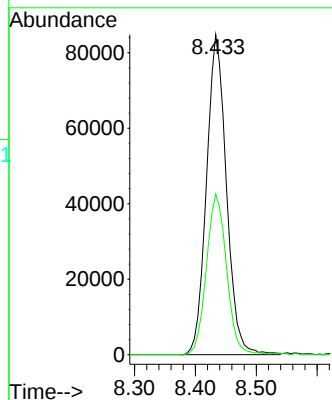
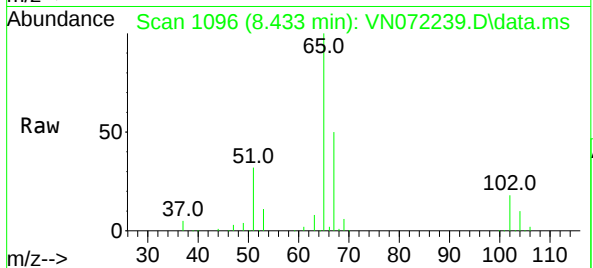
BP-MW150S1-GW-235-237

Tgt Ion: 65 Resp: 193000

Ion Ratio Lower Upper

65 100

67 50.9 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: VN072239.D

Acq: 28 Apr 2022 15:41

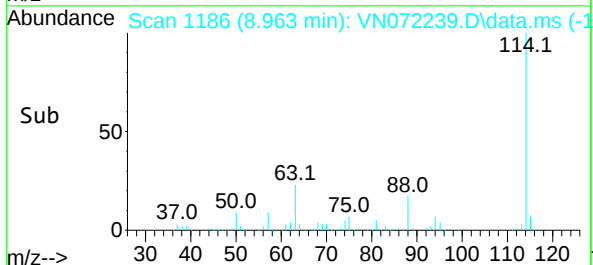
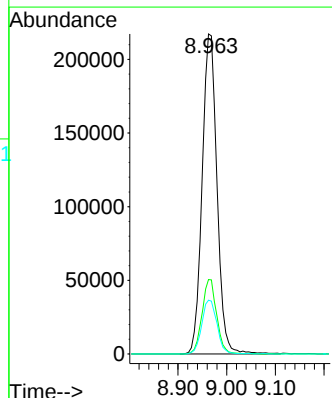
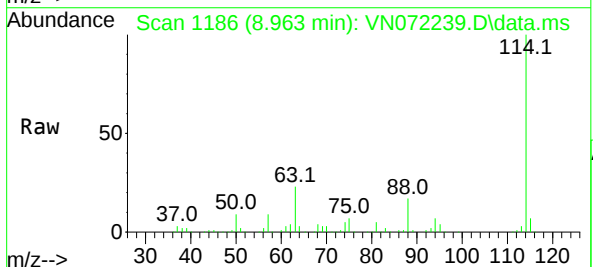
Tgt Ion: 114 Resp: 460133

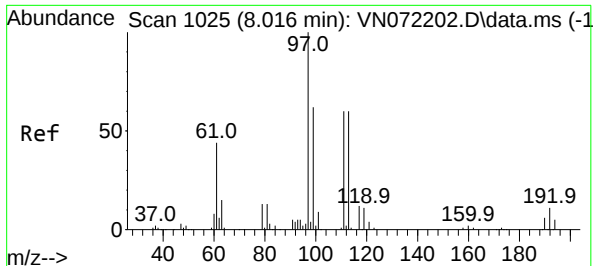
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 16.8 0.0 32.6

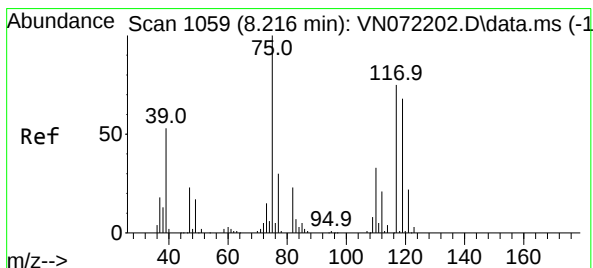
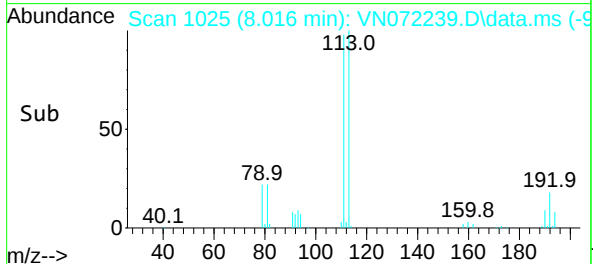
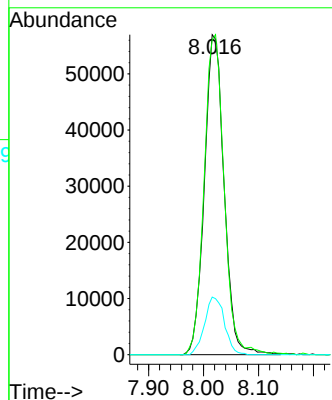
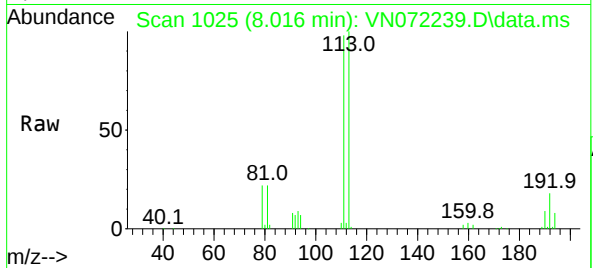




#35
Dibromofluoromethane
Concen: 48.165 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

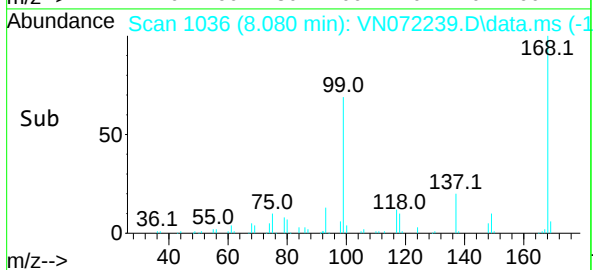
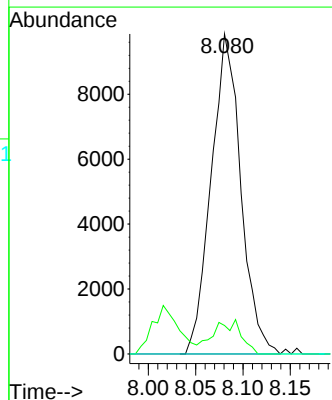
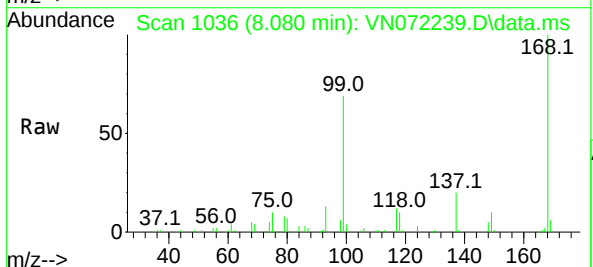
Instrument :
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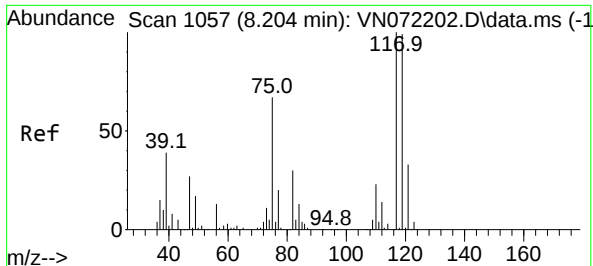
Tgt Ion:113 Resp: 141852
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 18.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

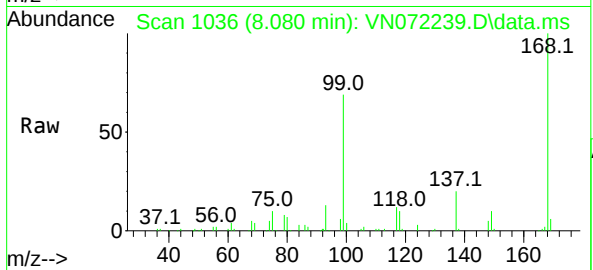
Tgt Ion: 75 Resp: 21484
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 25.1 37.7#



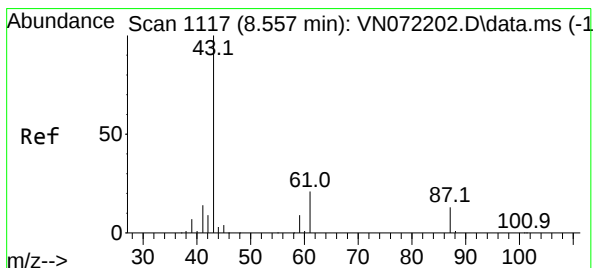
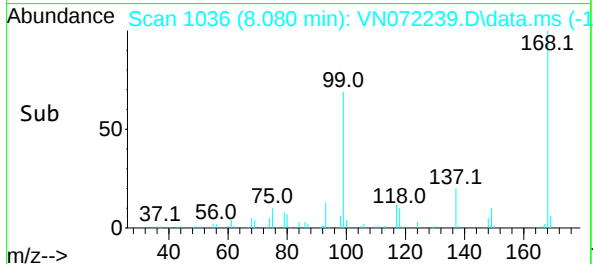
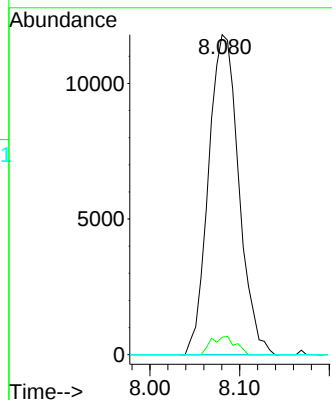


#38
Carbon Tetrachloride
Concen: 6.025 ug/l
RT: 8.080 min Scan# 110
Delta R.T. -0.124 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

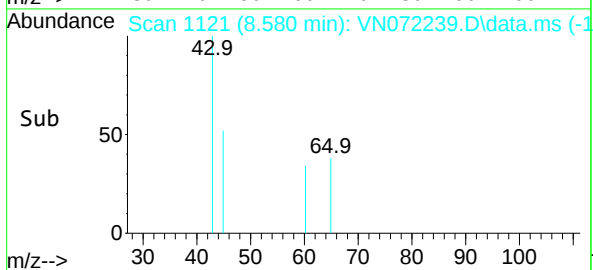
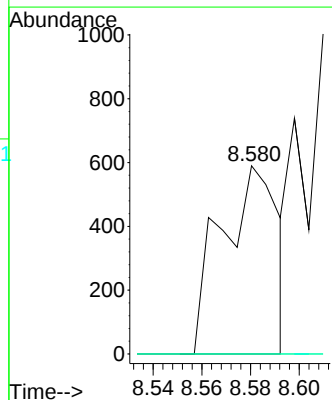
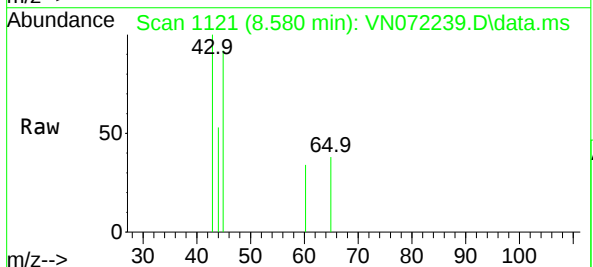


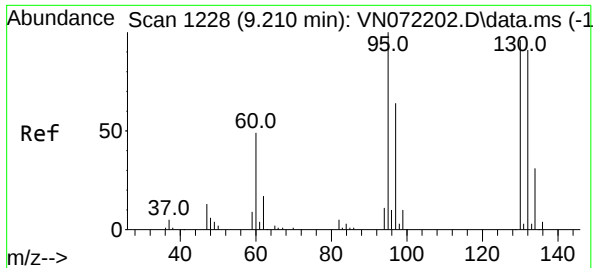
Tgt Ion: 117 Resp: 27662
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.906 ug/l
RT: 8.580 min Scan# 1121
Delta R.T. 0.023 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

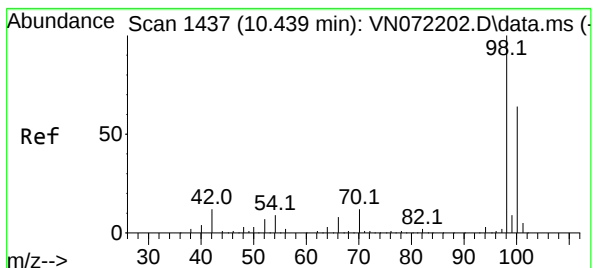
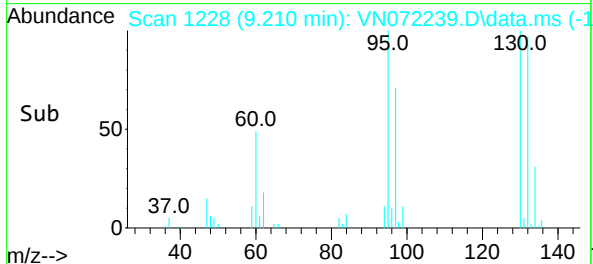
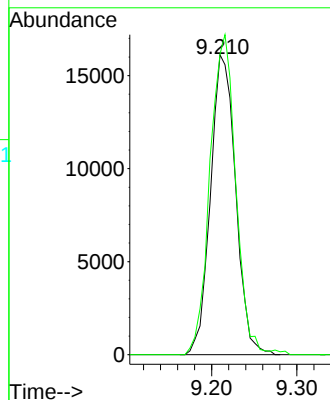
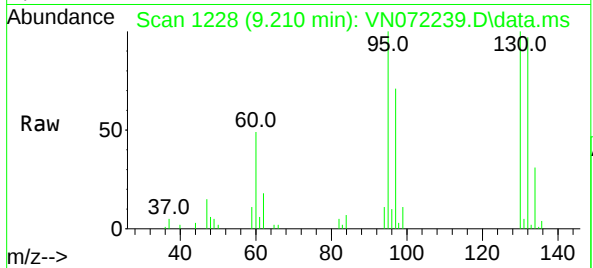




#44
Trichloroethene
Concen: 10.680 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

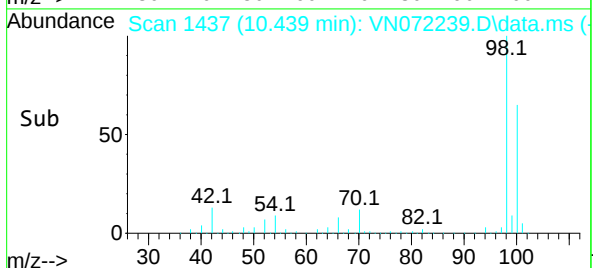
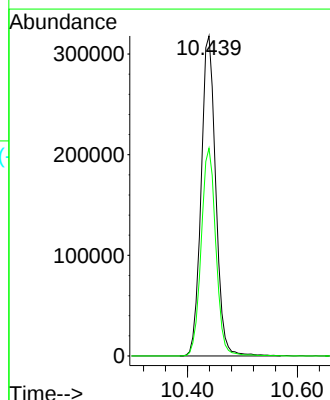
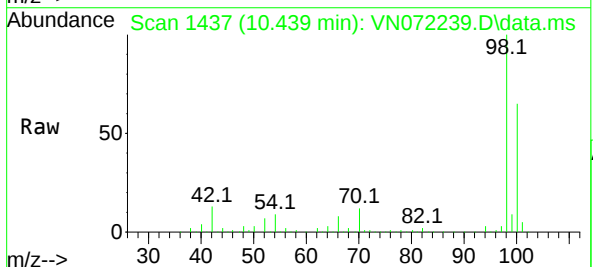
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

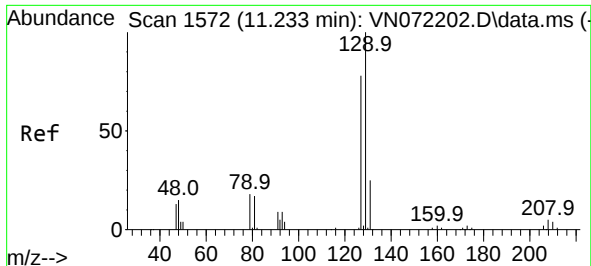
Tgt Ion:130 Resp: 33035
Ion Ratio Lower Upper
130 100
95 100.3 0.0 186.8



#50
Toluene-d8
Concen: 50.733 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion: 98 Resp: 587109
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

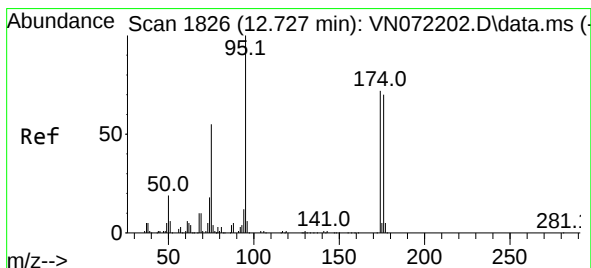
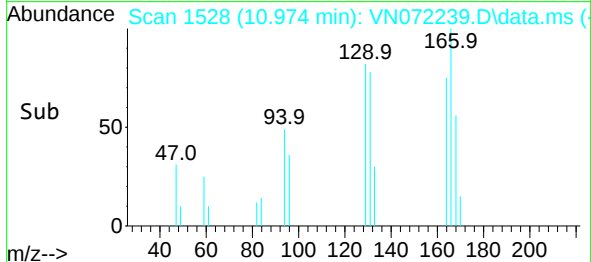
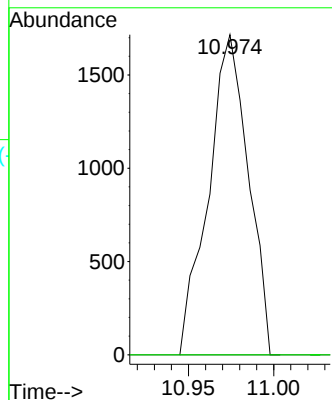
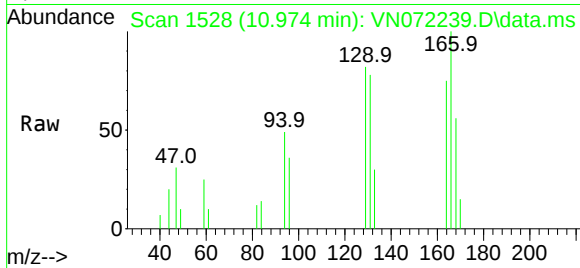




#60
Dibromochloromethane
Concen: 0.820 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

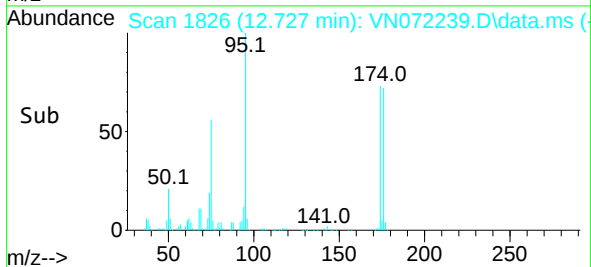
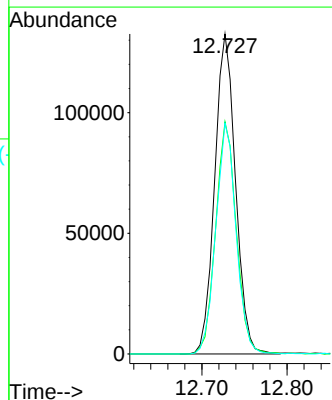
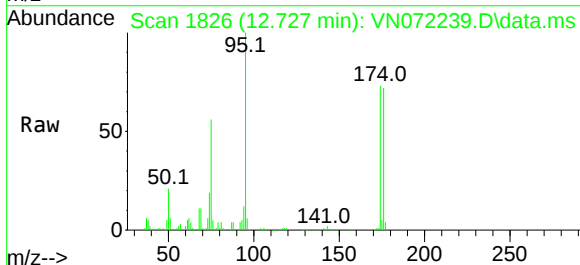
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

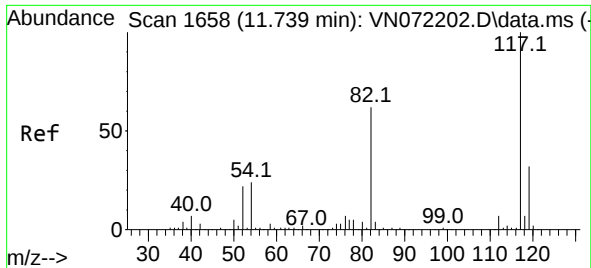
Tgt Ion:129 Resp: 2795
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 58.691 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion: 95 Resp: 225442
Ion Ratio Lower Upper
95 100
174 71.8 0.0 167.6
176 70.2 0.0 163.4

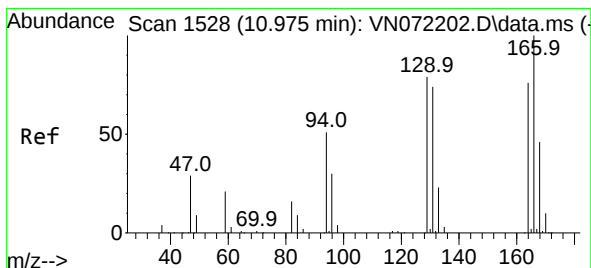
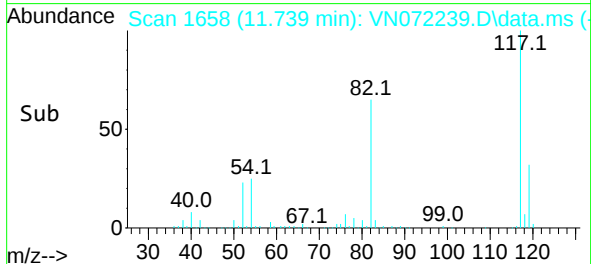
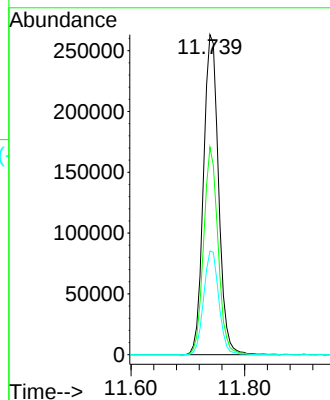
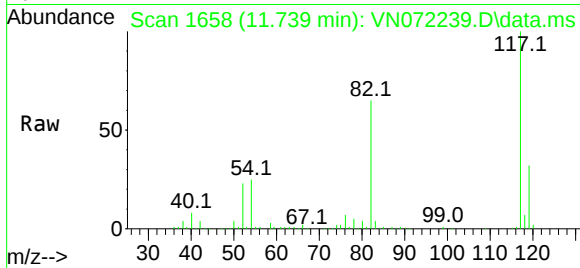




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

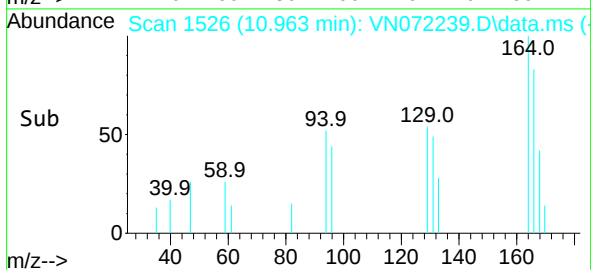
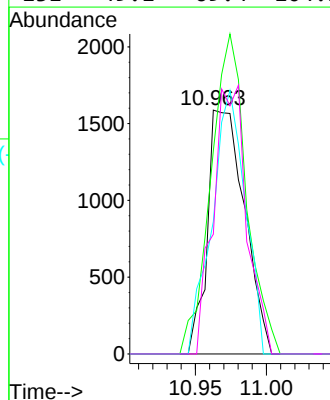
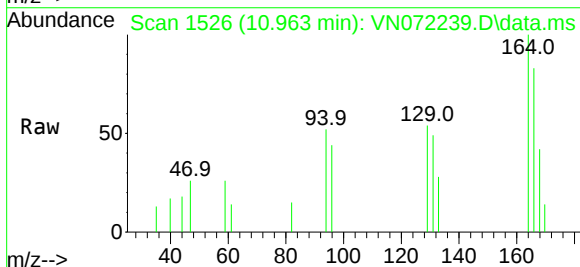
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

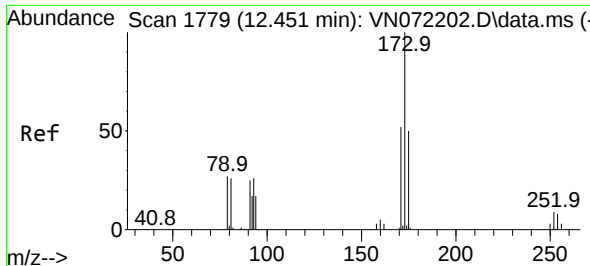
Tgt Ion:117 Resp: 484086
Ion Ratio Lower Upper
117 100
82 64.9 44.2 66.2
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 0.991 ug/l
RT: 10.963 min Scan# 1526
Delta R.T. -0.012 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion:164 Resp: 2887
Ion Ratio Lower Upper
164 100
166 83.2 104.2 156.2#
129 54.3 73.9 110.9#
131 49.1 69.4 104.2#

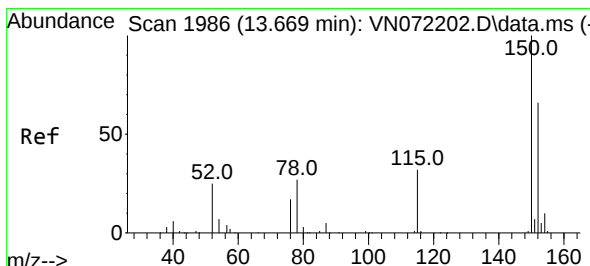
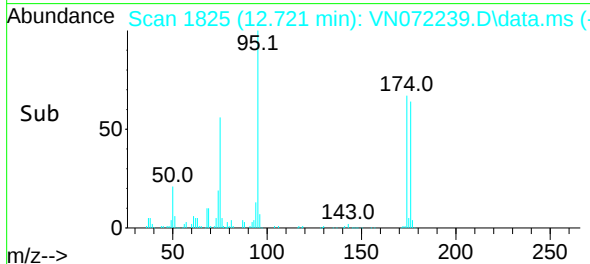
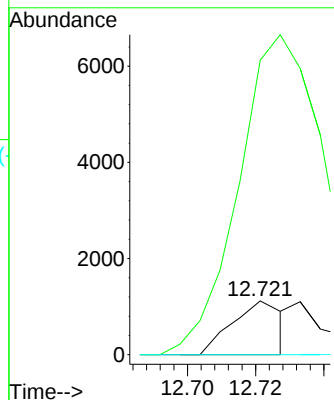
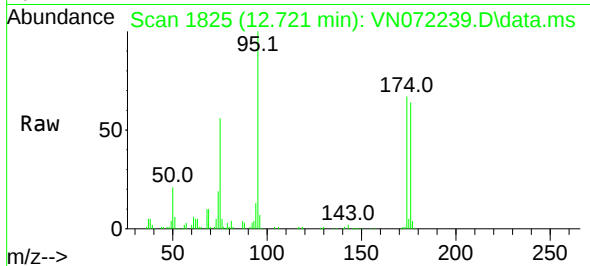




#71
Bromoform
Concen: 0.420 ug/l
RT: 12.721 min Scan# 1152
Delta R.T. 0.270 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

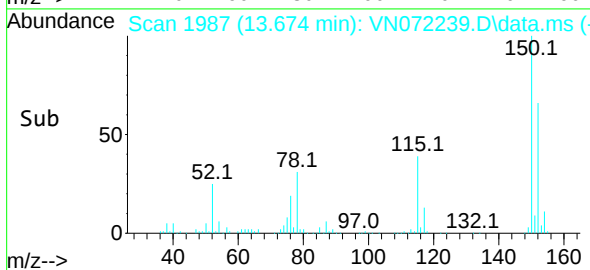
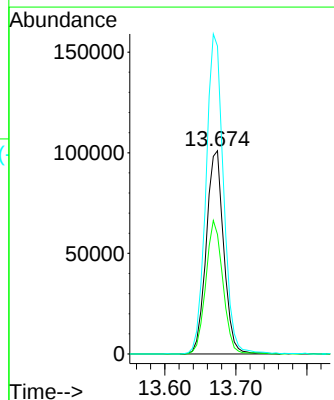
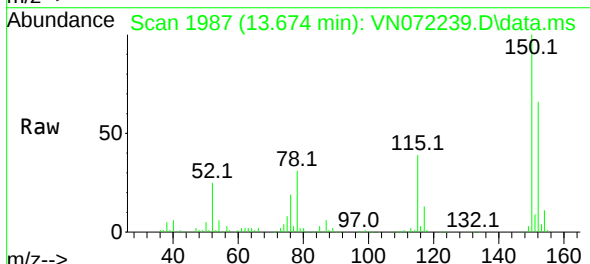
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

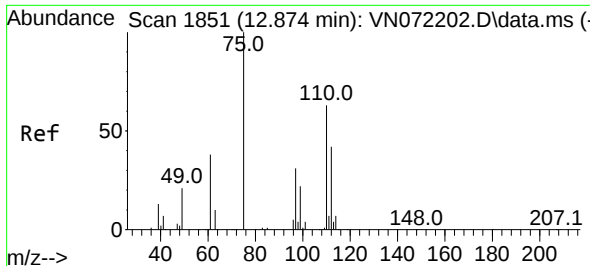
Tgt Ion:173 Resp: 1152
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Tgt Ion:152 Resp: 172818
Ion Ratio Lower Upper
152 100
115 64.3 28.9 86.7
150 158.1 0.0 356.2

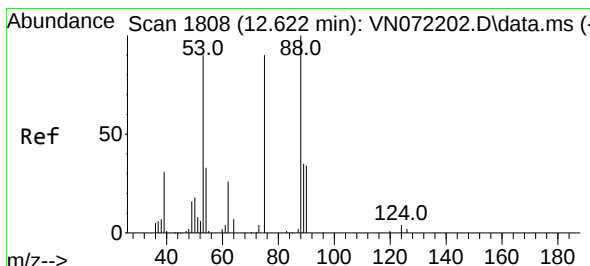
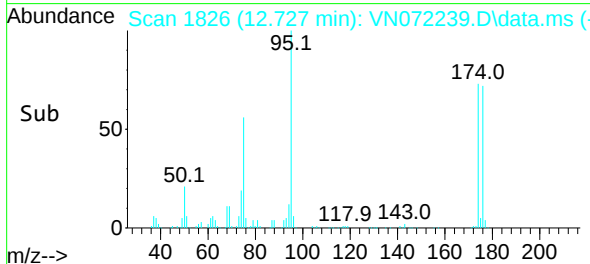
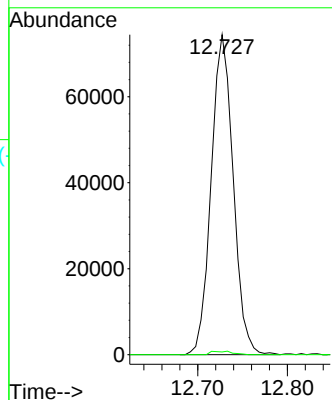
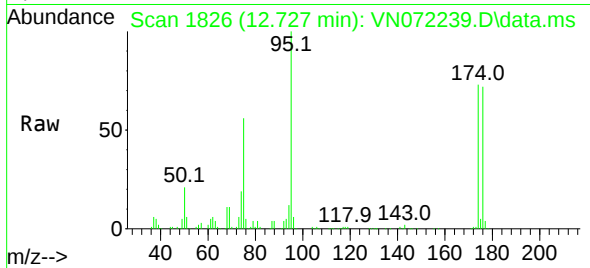




#76
1,2,3-Trichloropropane
Concen: 32.628 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

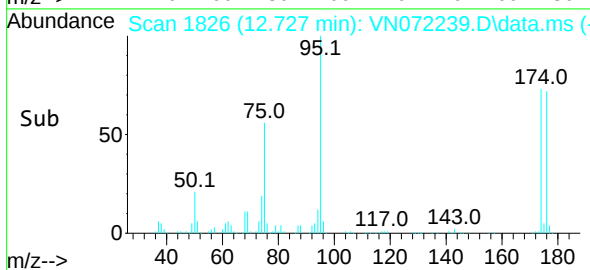
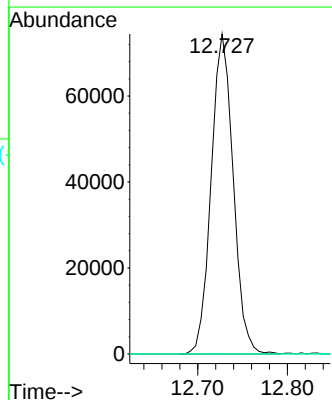
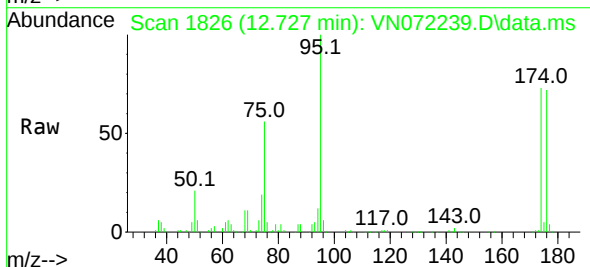
Instrument : MSVOA_N
ClientSampleId : BP-MW150S1-GW-235-237

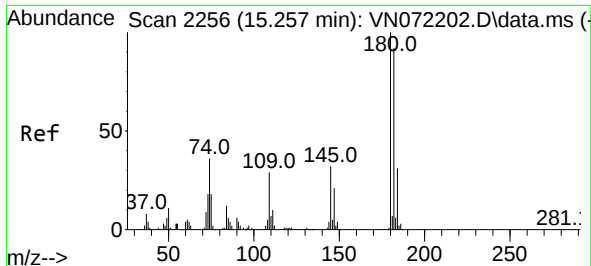
Tgt Ion: 75 Resp: 126822
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.852 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

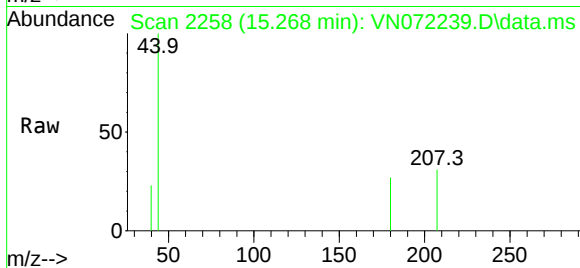
Tgt Ion: 75 Resp: 126822
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



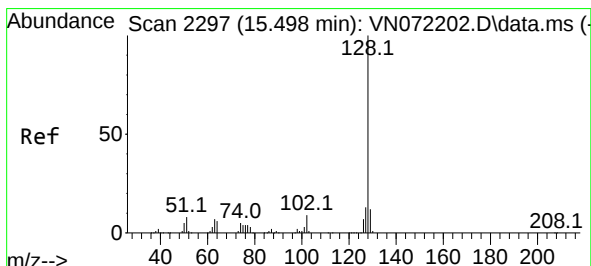
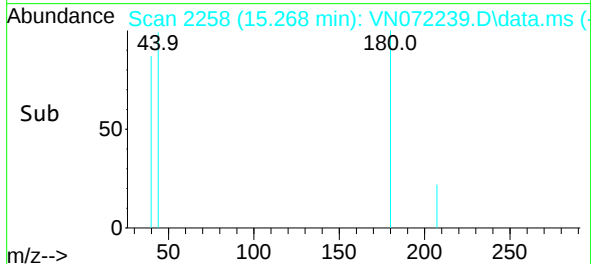
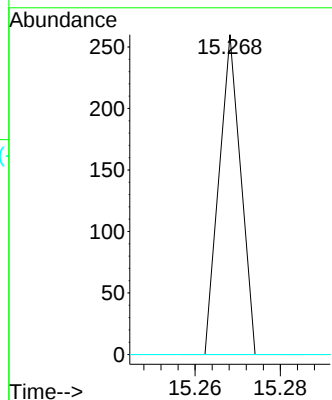


#93
1,2,4-Trichlorobenzene
Concen: 2.453 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237

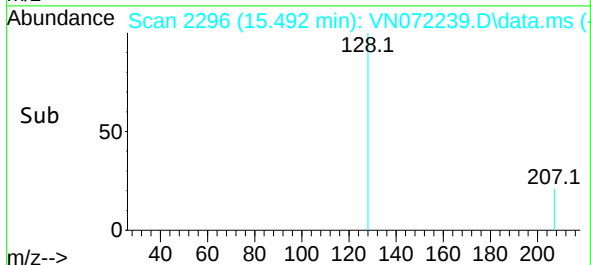
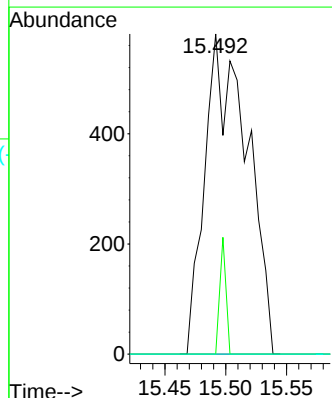
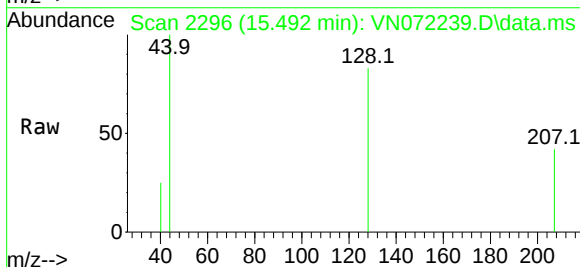


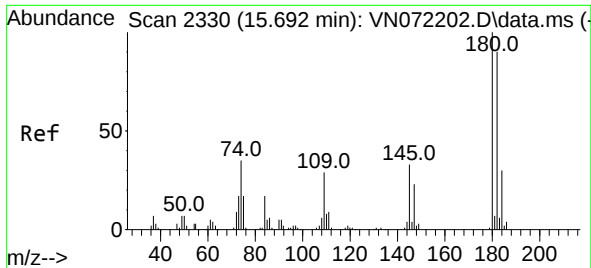
Tgt Ion:180 Resp: 92
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 4.443 ug/l
RT: 15.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: VN072239.D
Acq: 28 Apr 2022 15:41

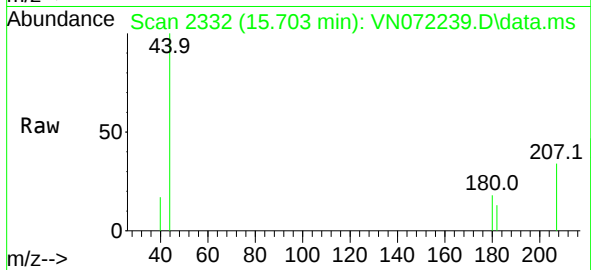
Tgt Ion:128 Resp: 1405
Ion Ratio Lower Upper
128 100
127 5.3 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.746 ug/l
 RT: 15.703 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN072239.D
 Acq: 28 Apr 2022 15:41

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW150S1-GW-235-237



Tgt Ion:180 Resp: 202
 Ion Ratio Lower Upper
 180 100
 182 55.0 47.8 143.3
 145 0.0 15.5 46.5#

