

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072274.D
 Acq On : 29 Apr 2022 16:58
 Operator : JC\MD
 Sample : N2601-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 30 03:15:31 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)

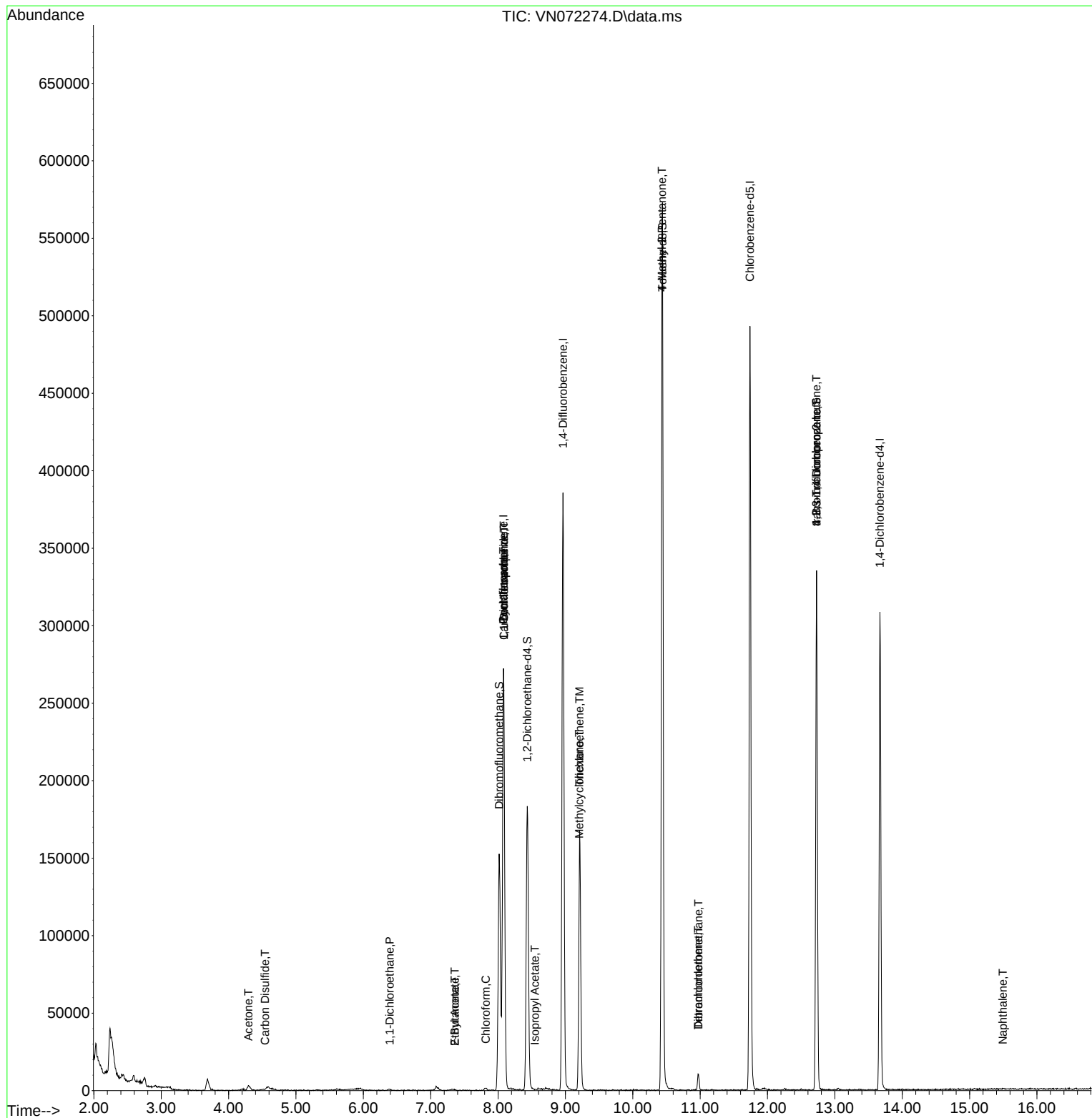
Internal Standards						
1) Pentafluorobenzene	8.081	168	185897	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	319907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	274140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	81335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	167439	58.670	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.340%			
35) Dibromofluoromethane	8.016	113	109253	53.357	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.720%			
50) Toluene-d8	10.439	98	385613	47.927	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.860%			
62) 4-Bromofluorobenzene	12.727	95	117166	43.873	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.740%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	833	Below Cal	#	43
6) Chloroethane	3.010	64	223	Below Cal	#	42
16) Acetone	4.293	43	4478	3.639	ug/l	92
17) Carbon Disulfide	4.540	76	70	0.380	ug/l #	75
24) 1,1-Dichloroethane	6.392	63	1452	0.342	ug/l #	82
25) 2-Butanone	7.357	43	1338	0.683	ug/l #	45
30) Chloroform	7.816	83	1867	0.438	ug/l	96
31) Cyclohexane	8.081	56	4835	1.268	ug/l #	39
36) 1,1-Dichloropropene	8.086	75	16721	5.610	ug/l #	51
37) Ethyl Acetate	7.357	43	1338	0.338	ug/l #	77
38) Carbon Tetrachloride	8.086	117	21798	6.829	ug/l #	17
39) Methylcyclohexane	9.204	83	755	0.226	ug/l #	1
43) Isopropyl Acetate	8.545	43	60	0.811	ug/l #	53
44) Trichloroethene	9.210	130	56802	26.414	ug/l	86
51) 4-Methyl-2-Pentanone	10.433	43	1721	0.461	ug/l #	1
60) Dibromochloromethane	10.975	129	2574	1.086	ug/l #	11
64) Tetrachloroethene	10.969	164	2555	1.548	ug/l #	84
76) 1,2,3-Trichloropropane	12.727	75	68222	37.086	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	68222	96.985	ug/l #	10
95) Naphthalene	15.492	128	254	4.355	ug/l #	69

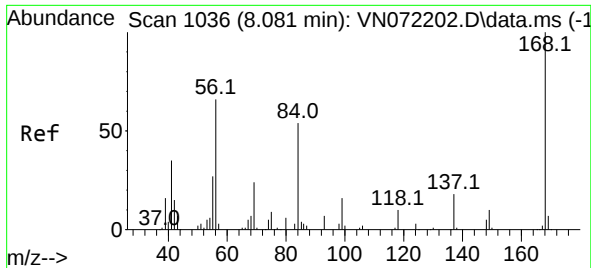
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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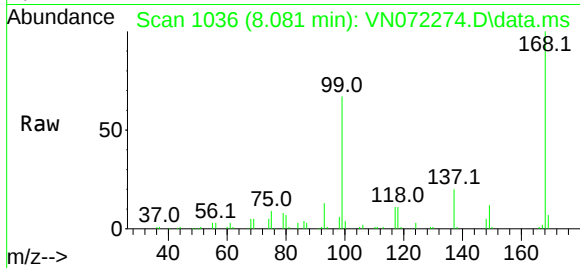
Quant Time: Apr 30 03:15:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
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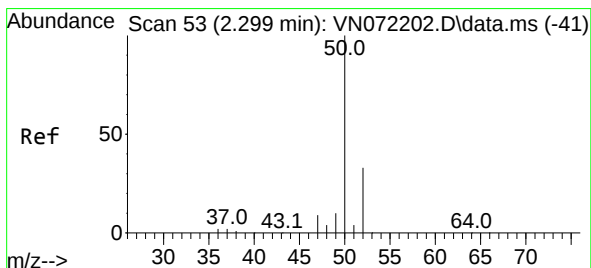
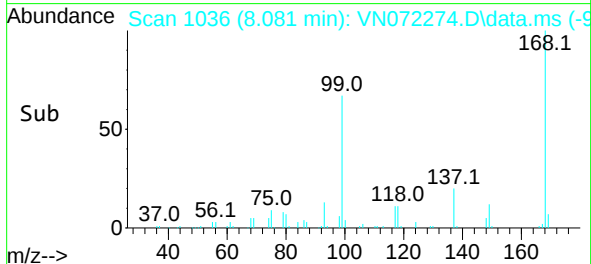
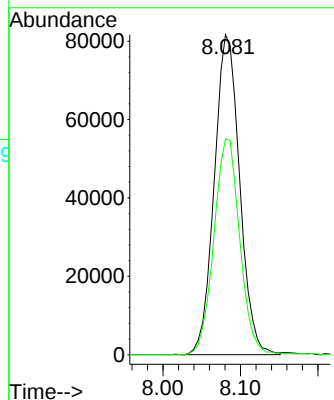


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

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

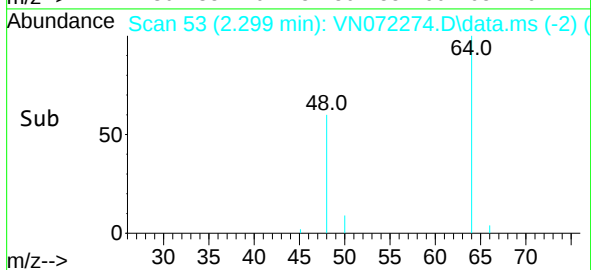
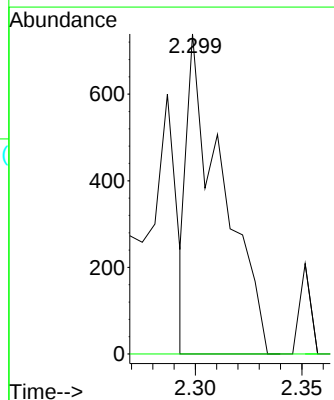
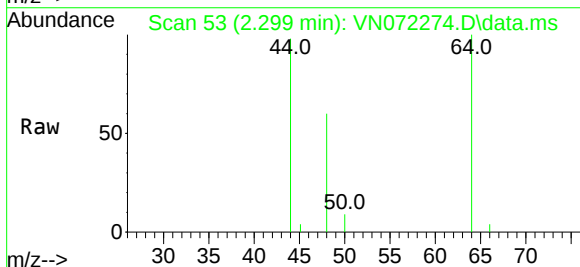


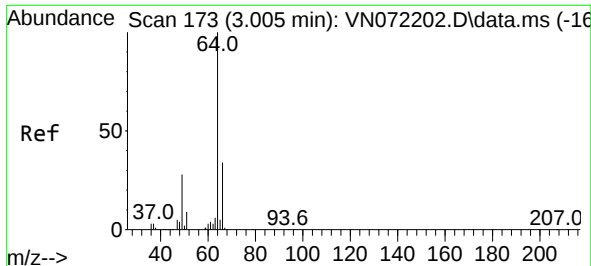
Tgt Ion:168 Resp: 185897
Ion Ratio Lower Upper
168 100
99 67.4 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

Tgt Ion: 50 Resp: 833
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

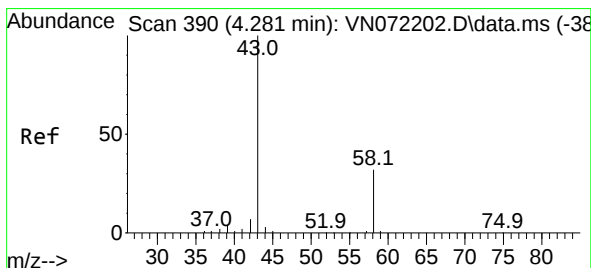
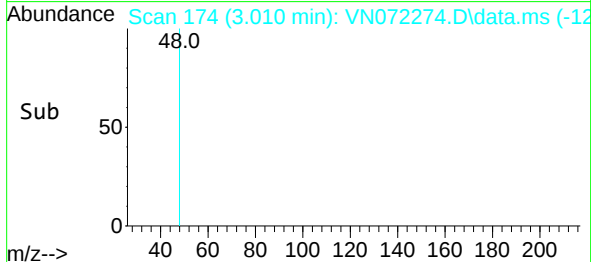
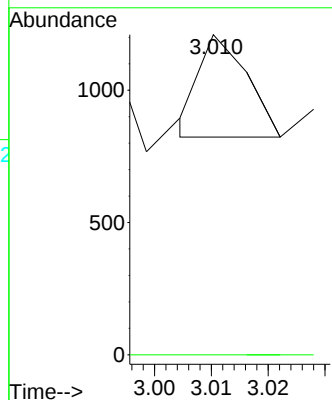
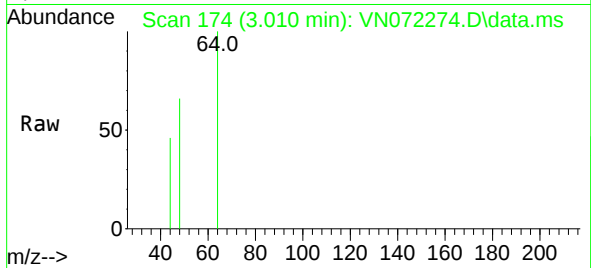




#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

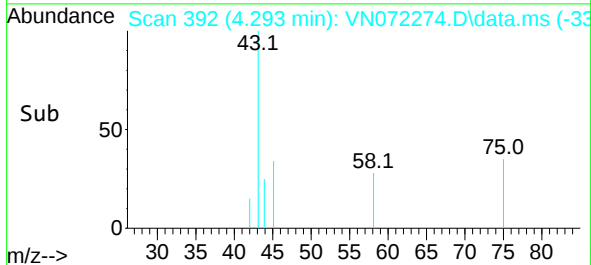
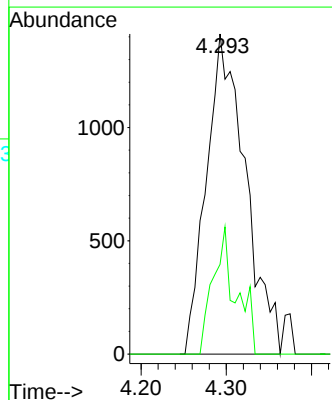
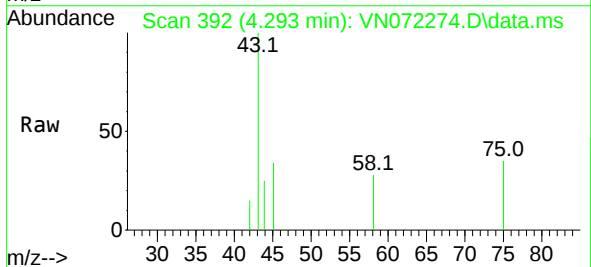
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

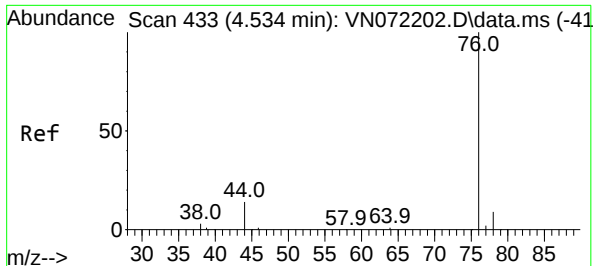
Tgt Ion: 64 Resp: 223
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 3.639 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

Tgt Ion: 43 Resp: 4478
Ion Ratio Lower Upper
43 100
58 28.0 26.0 39.0





#17

Carbon Disulfide

Concen: 0.380 ug/l

RT: 4.540 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072274.D

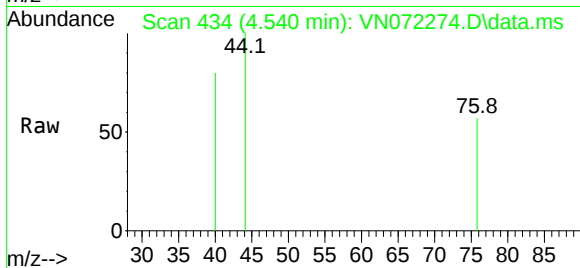
Acq: 29 Apr 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-MW150S1-GW-245-247

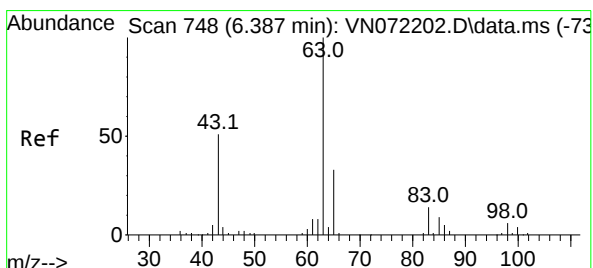
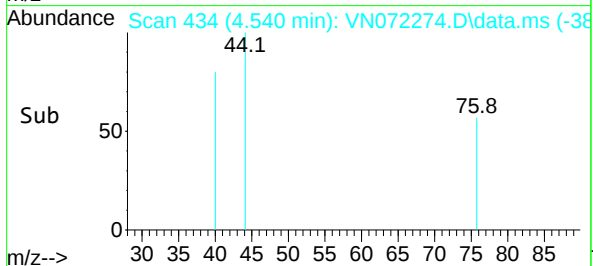
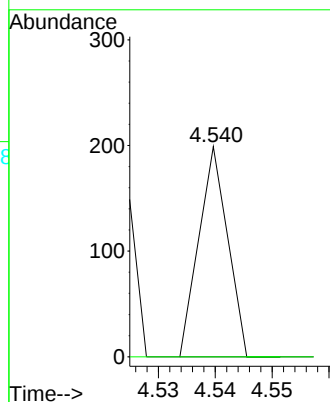


Tgt Ion: 76 Resp: 70

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#24

1,1-Dichloroethane

Concen: 0.342 ug/l

RT: 6.392 min Scan# 749

Delta R.T. 0.005 min

Lab File: VN072274.D

Acq: 29 Apr 2022 16:58

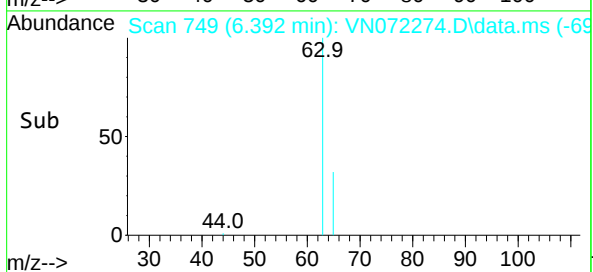
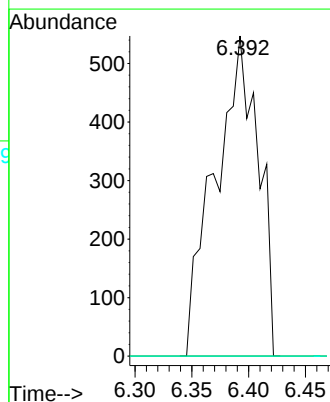
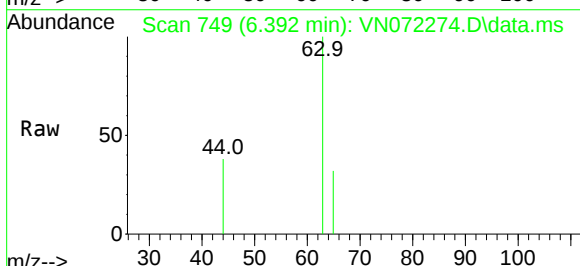
Tgt Ion: 63 Resp: 1452

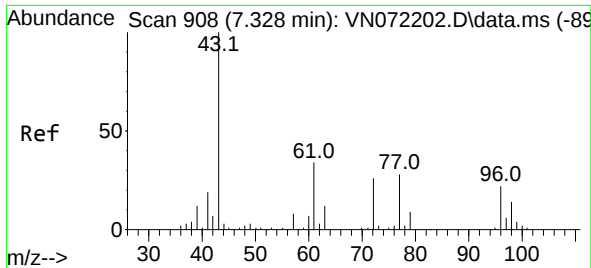
Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.4#

100 0.0 2.3 6.8#

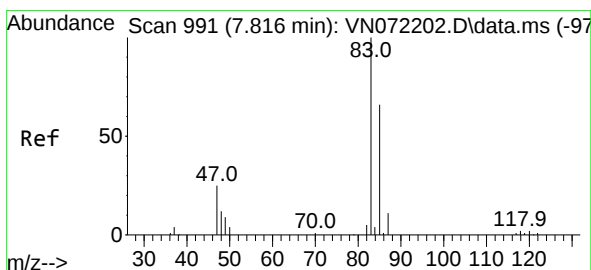
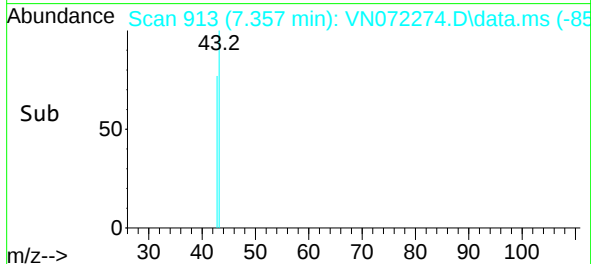
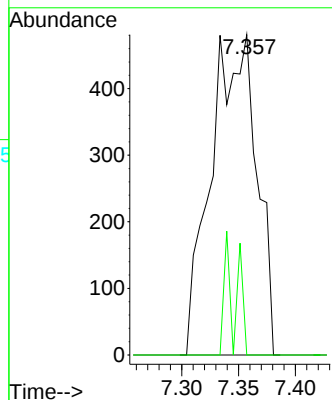
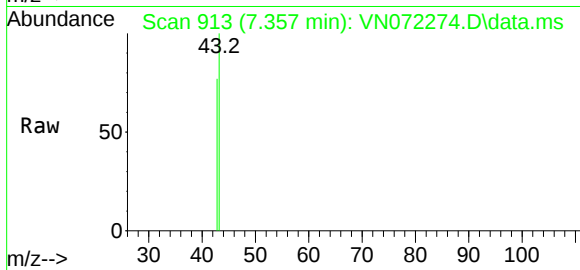




#25
2-Butanone
Concen: 0.683 ug/l
RT: 7.357 min Scan# 913
Delta R.T. 0.029 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

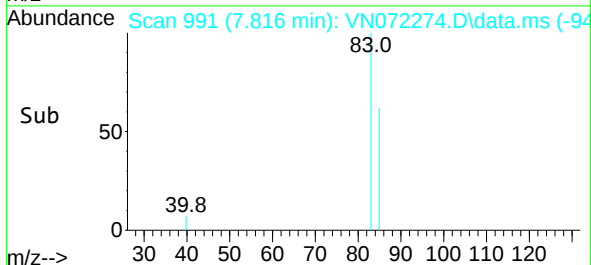
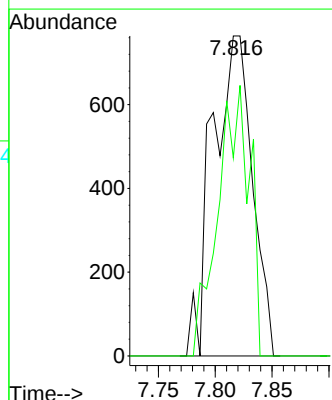
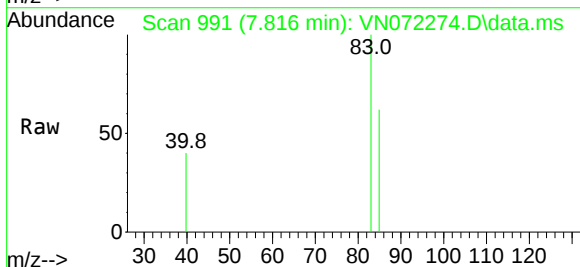
Instrument :
MSVOA_N
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BP-MW150S1-GW-245-247

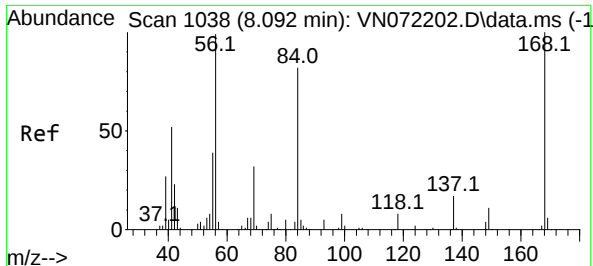
Tgt Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#30
Chloroform
Concen: 0.438 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

Tgt Ion: 83 Resp: 1867
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.8





#31

Cyclohexane

Concen: 1.268 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072274.D

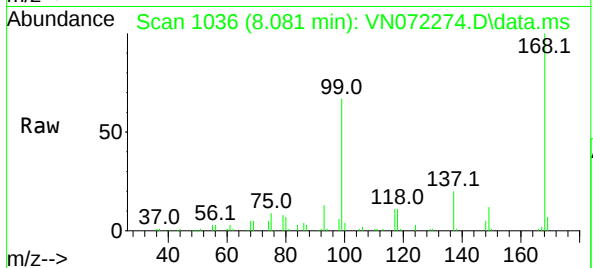
Acq: 29 Apr 2022 16:58

Instrument :

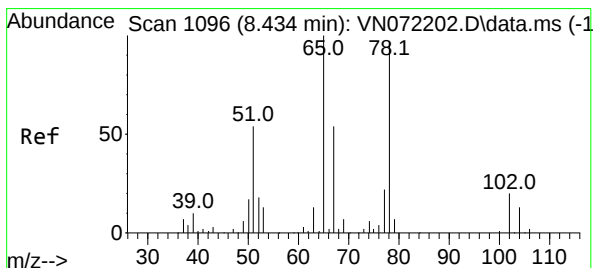
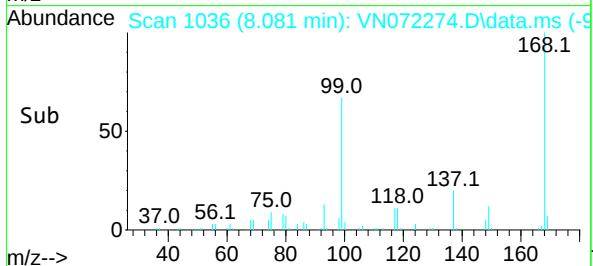
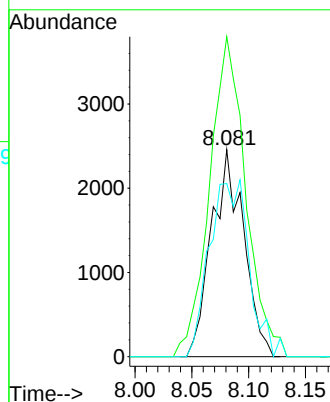
MSVOA_N

ClientSampleId :

BP-MW150S1-GW-245-247



Tgt Ion:	56	Resp:	4835
Ion Ratio	Lower	Upper	
56	100		
69	148.0	27.8	41.8#
84	83.6	76.9	115.3



#33

1,2-Dichloroethane-d4

Concen: 58.670 ug/l

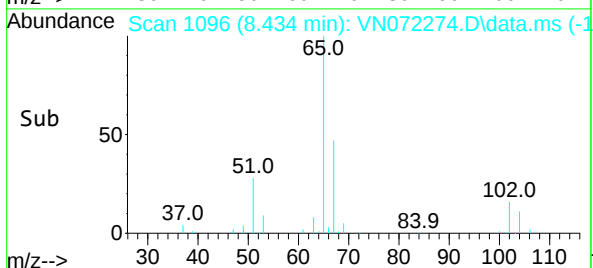
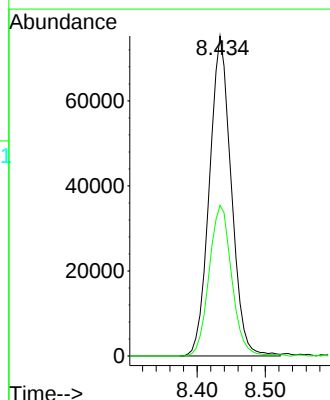
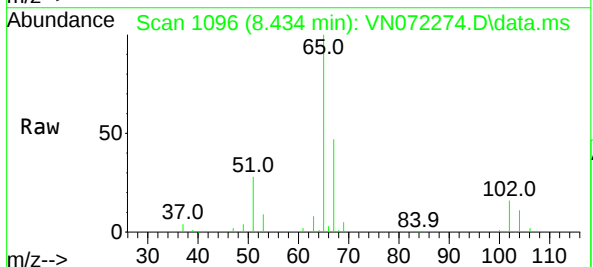
RT: 8.434 min Scan# 1096

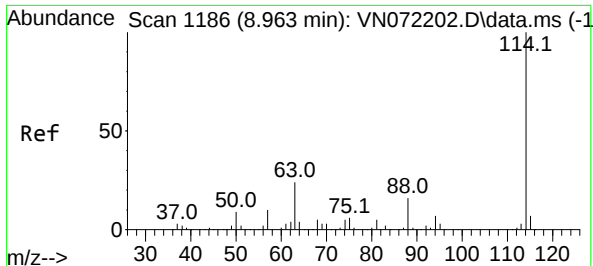
Delta R.T. -0.000 min

Lab File: VN072274.D

Acq: 29 Apr 2022 16:58

Tgt Ion:	65	Resp:	167439
Ion Ratio	Lower	Upper	
65	100		
67	48.8	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: VN072274.D

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Instrument :

MSVOA_N

ClientSampleId :

BP-MW150S1-GW-245-247

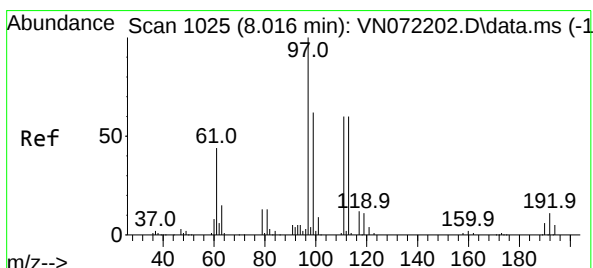
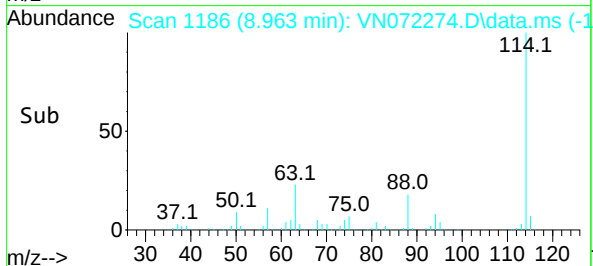
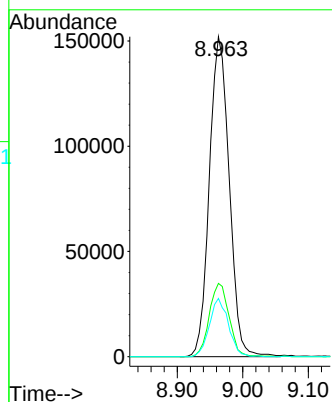
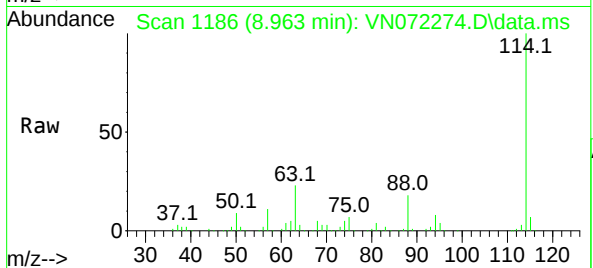
Tgt Ion:114 Resp: 319907

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 18.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.357 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072274.D

Acq: 29 Apr 2022 16:58

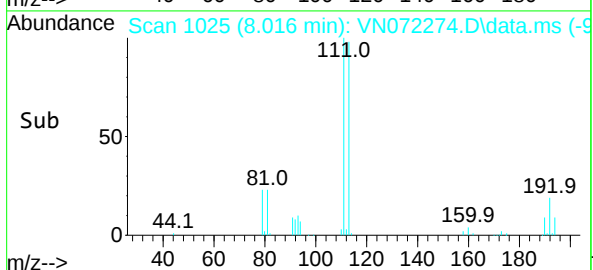
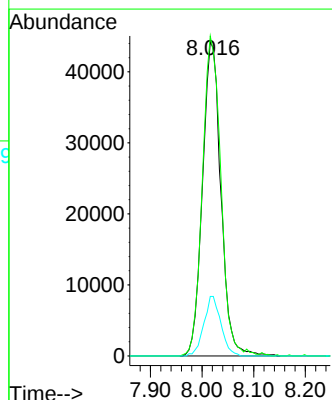
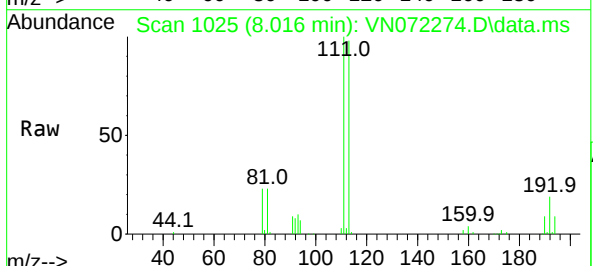
Tgt Ion:113 Resp: 109253

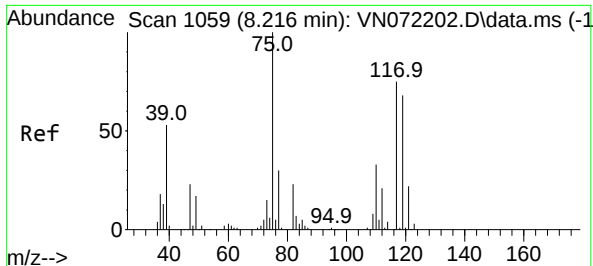
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 17.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.610 ug/l

RT: 8.086 min Scan# 1

Delta R.T. -0.130 min

Lab File: VN072274.D

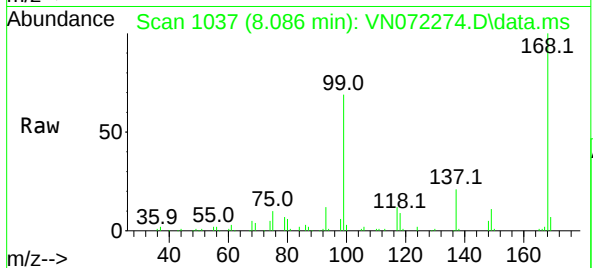
Acq: 29 Apr 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

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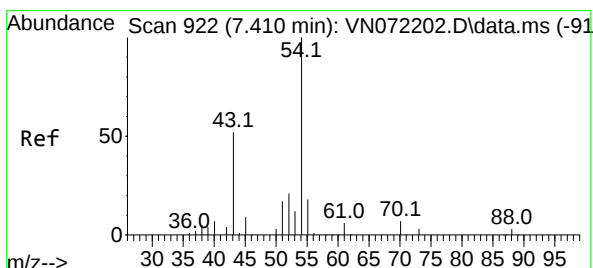
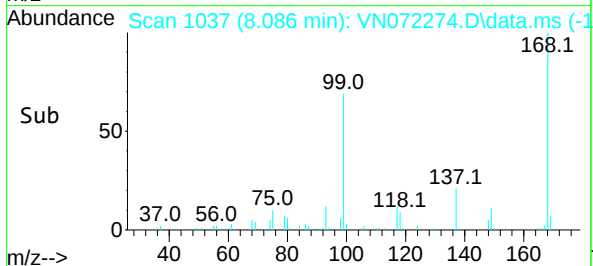
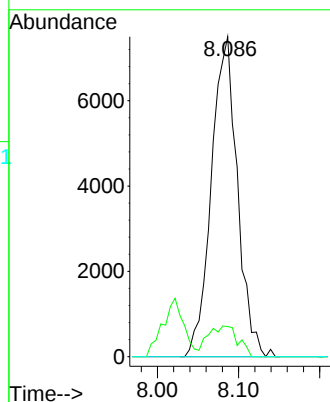
Tgt Ion: 75 Resp: 16721

Ion Ratio Lower Upper

75 100

110 10.9 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.338 ug/l

RT: 7.357 min Scan# 913

Delta R.T. -0.053 min

Lab File: VN072274.D

Acq: 29 Apr 2022 16:58

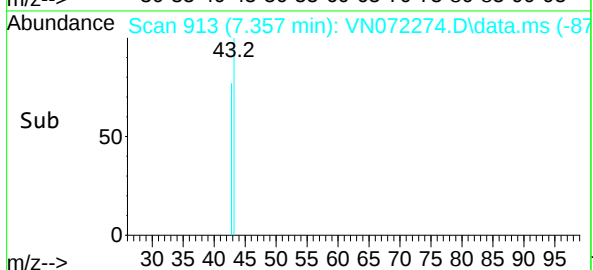
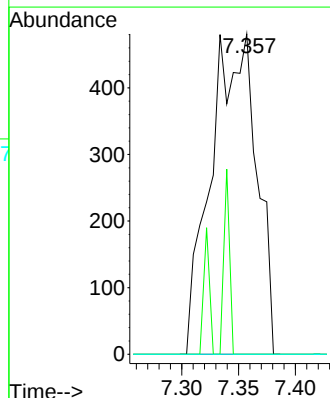
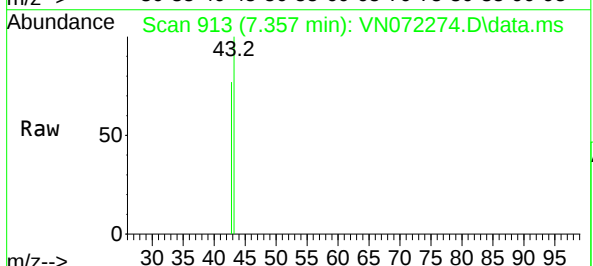
Tgt Ion: 43 Resp: 1338

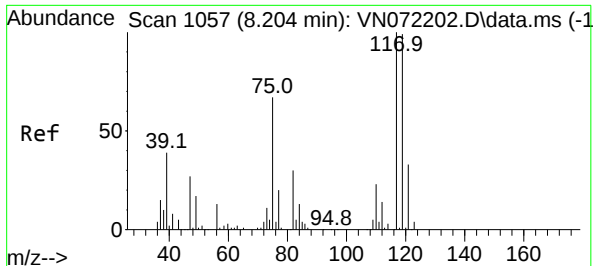
Ion Ratio Lower Upper

43 100

61 7.3 11.8 17.6#

70 0.0 9.3 13.9#

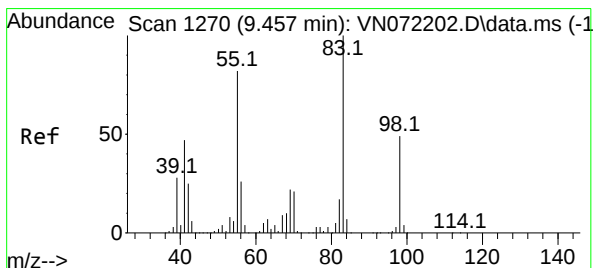
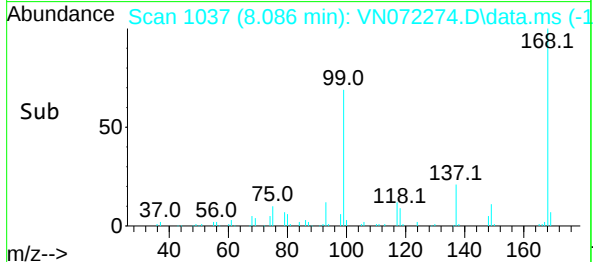
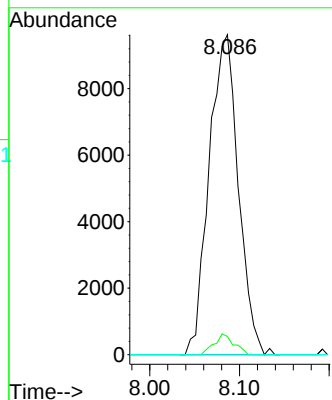
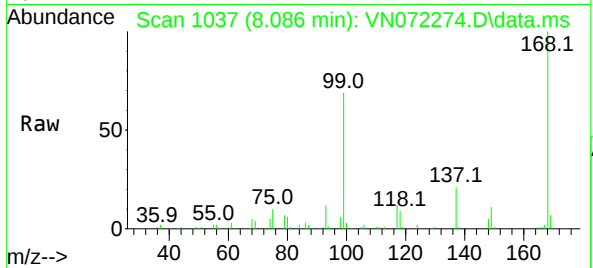




#38
Carbon Tetrachloride
Concen: 6.829 ug/l
RT: 8.086 min Scan# 11
Delta R.T. -0.118 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

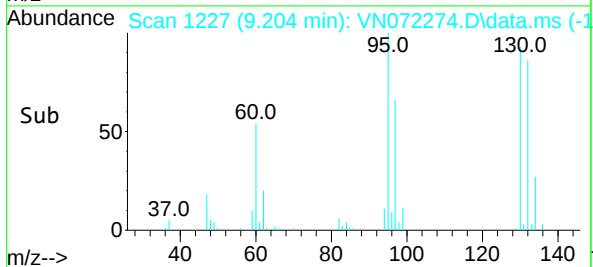
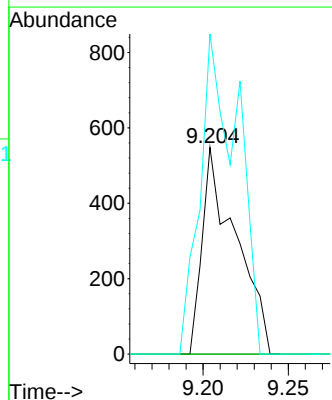
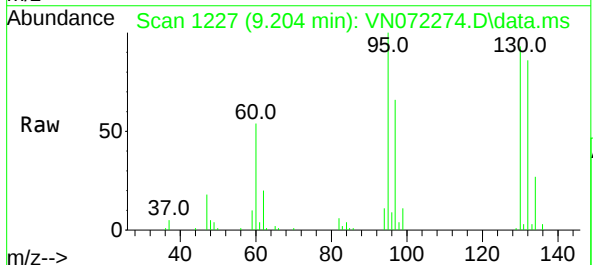
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

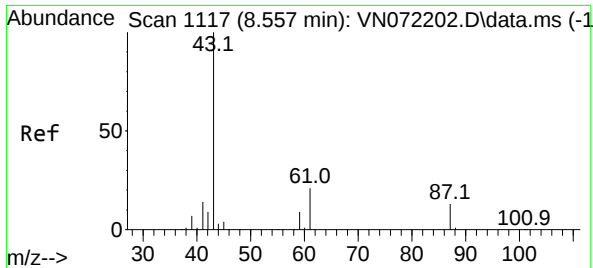
Tgt Ion:117 Resp: 21798
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.226 ug/l
RT: 9.204 min Scan# 1227
Delta R.T. -0.253 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

Tgt Ion: 83 Resp: 755
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 154.9 39.4 59.2#

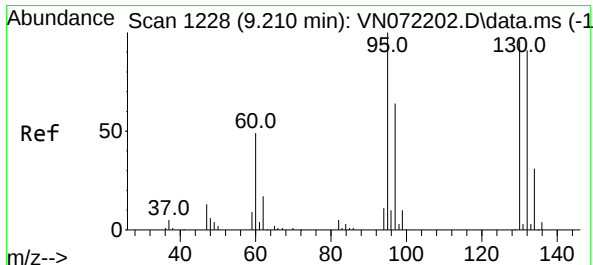
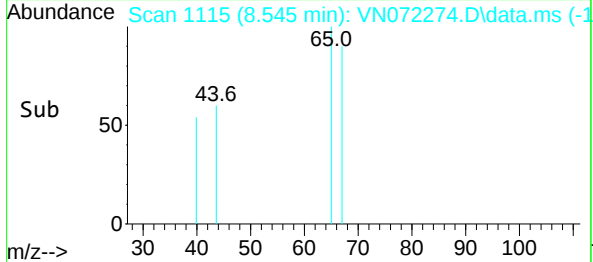
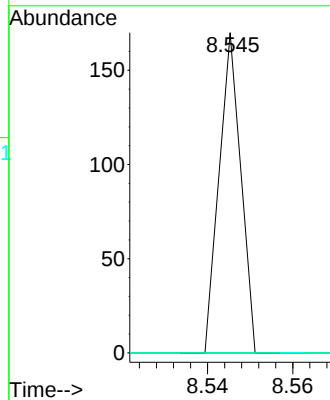
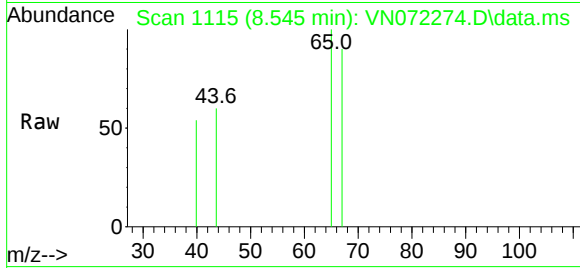




#43
Isopropyl Acetate
Concen: 0.811 ug/l
RT: 8.545 min Scan# 1115
Delta R.T. -0.012 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

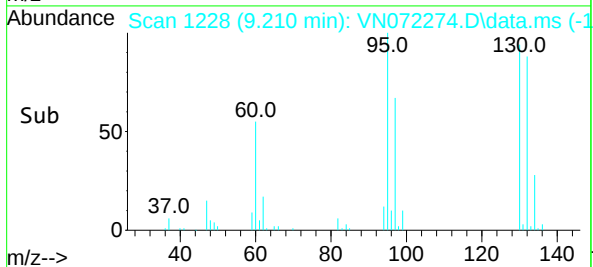
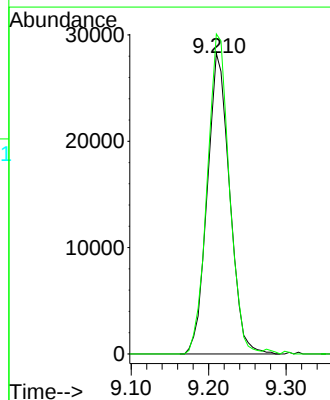
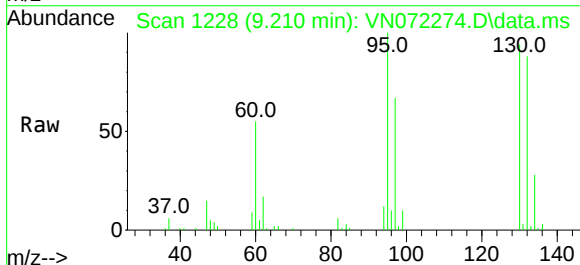
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

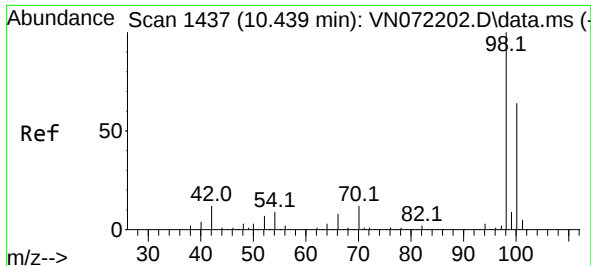
Tgt Ion: 43	Resp: 60
Ion Ratio	Lower Upper
43	100
61	0.0 21.9 32.9#
87	0.0 12.0 18.0#



#44
Trichloroethene
Concen: 26.414 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

Tgt Ion: 130	Resp: 56802
Ion Ratio	Lower Upper
130	100
95	106.5 0.0 186.8

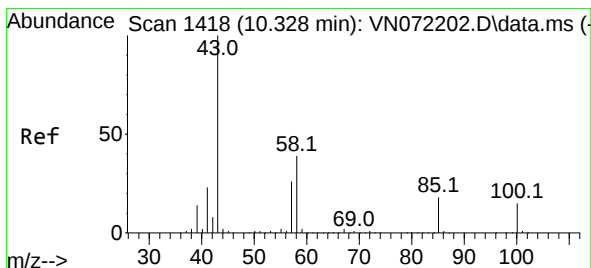
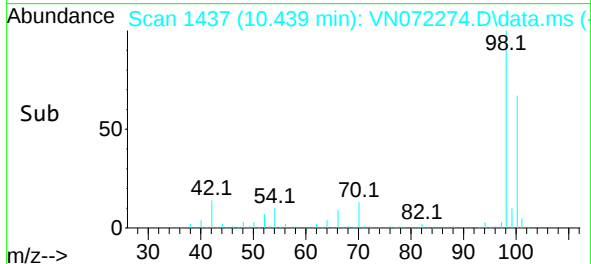
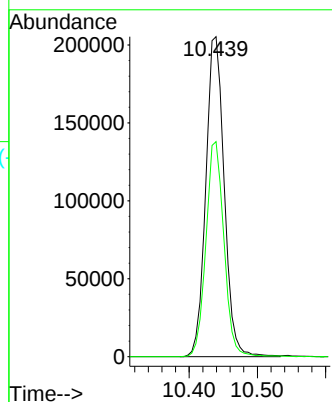
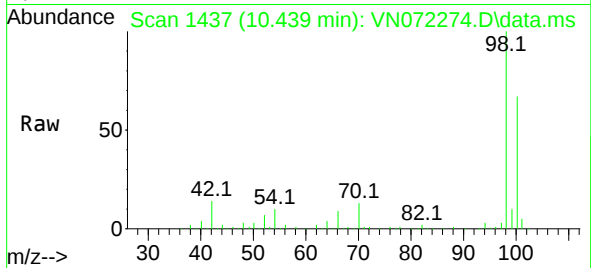




#50
Toluene-d8
Concen: 47.927 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

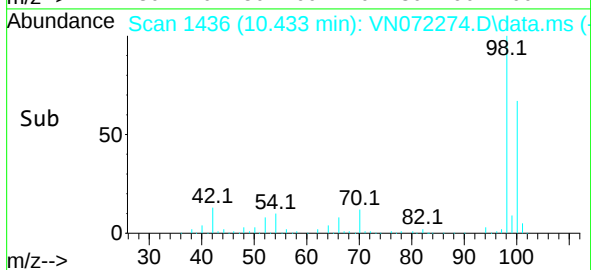
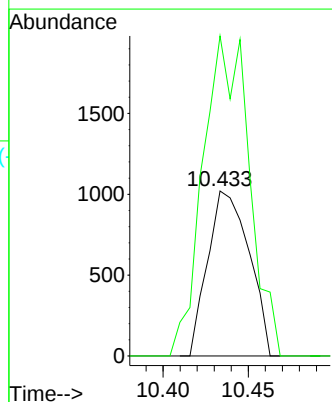
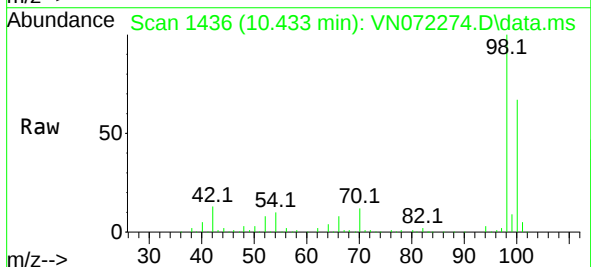
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

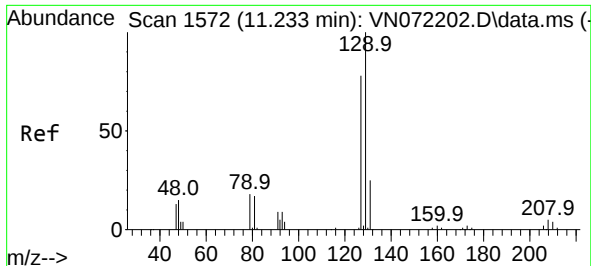
Tgt Ion: 98 Resp: 385613
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.105 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

Tgt Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
58 216.5 34.1 51.1#

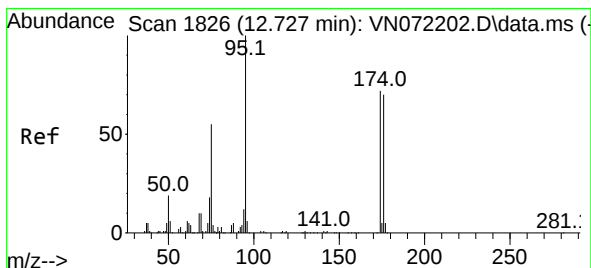
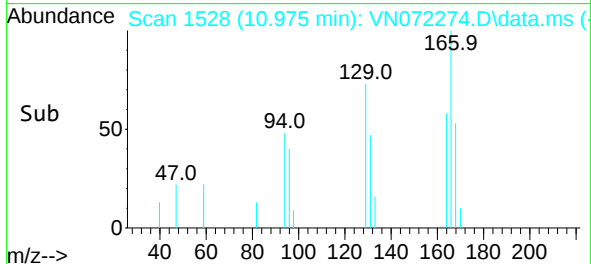
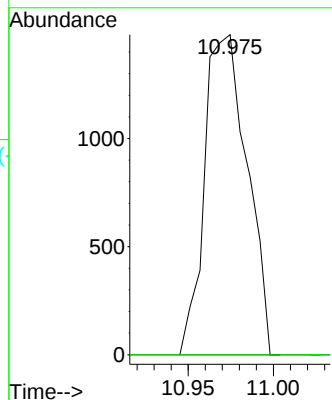
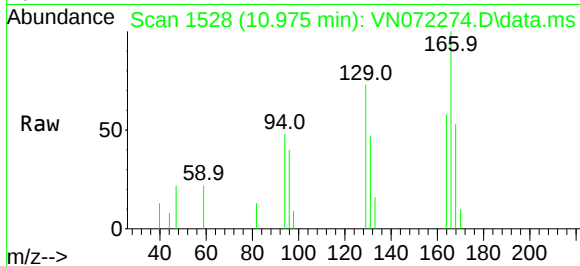




#60
Dibromochloromethane
Concen: 1.086 ug/l
RT: 10.975 min Scan# 11
Delta R.T. -0.258 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

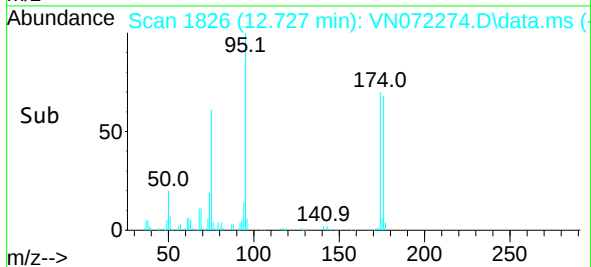
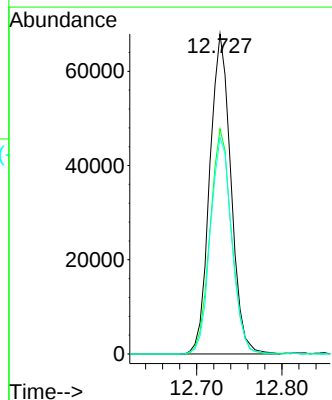
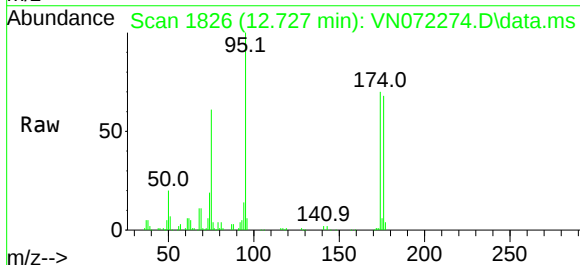
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

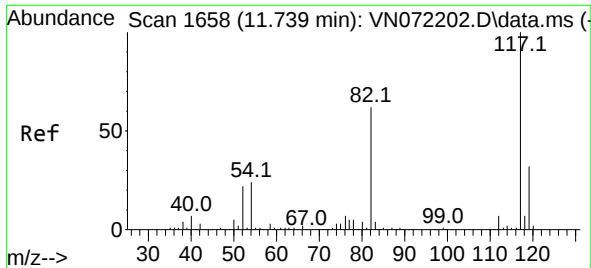
Tgt Ion:129 Resp: 2574
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 43.873 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

Tgt Ion: 95 Resp: 117166
Ion Ratio Lower Upper
95 100
174 71.3 0.0 167.6
176 68.4 0.0 163.4

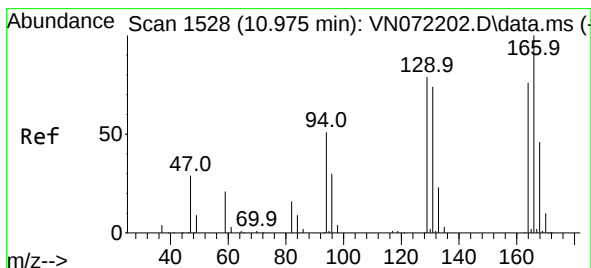
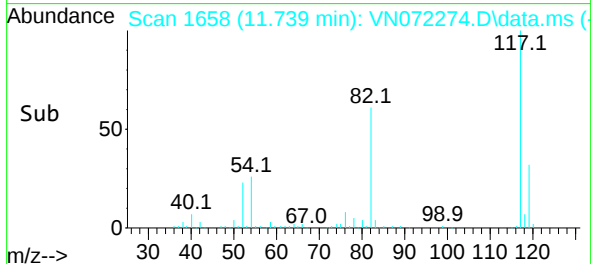
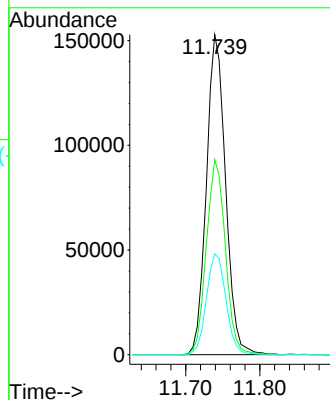
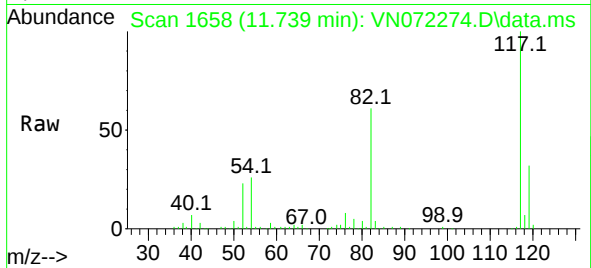




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

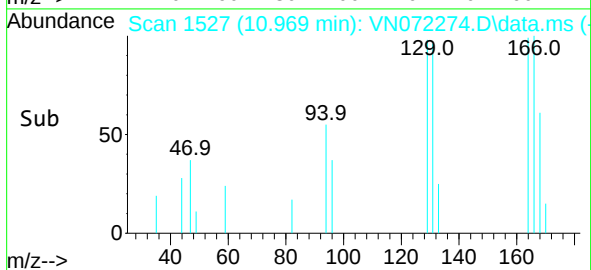
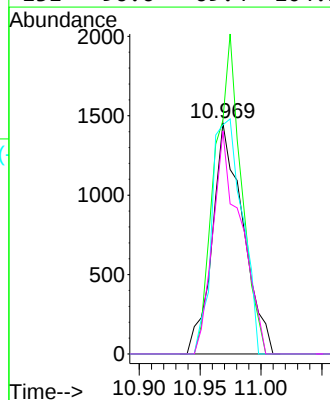
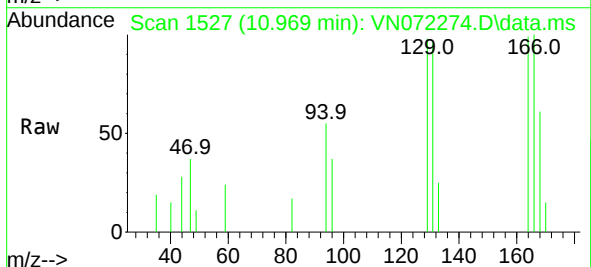
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-245-247

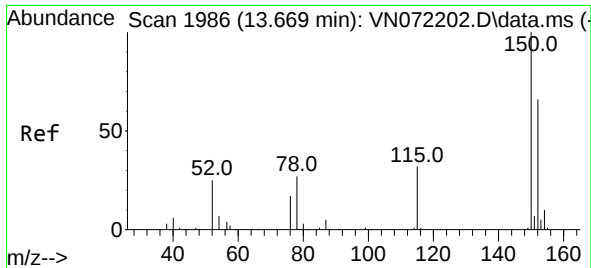
Tgt Ion:117 Resp: 274140
Ion Ratio Lower Upper
117 100
82 61.0 44.2 66.2
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 1.548 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

Tgt Ion:164 Resp: 2555
Ion Ratio Lower Upper
164 100
166 101.1 104.2 156.2#
129 99.2 73.9 110.9
131 96.6 69.4 104.2

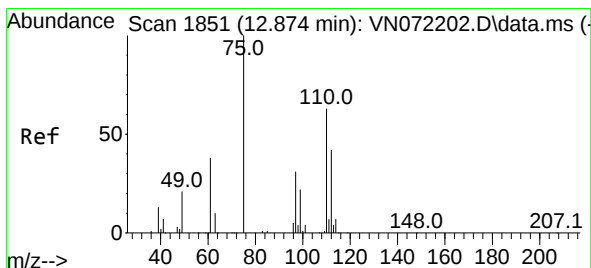
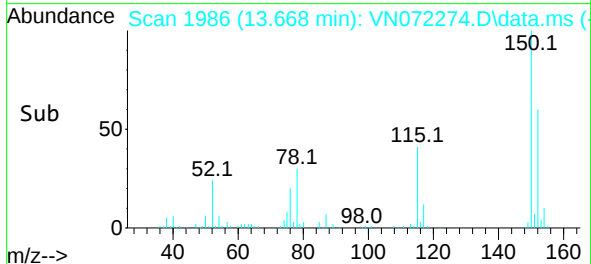
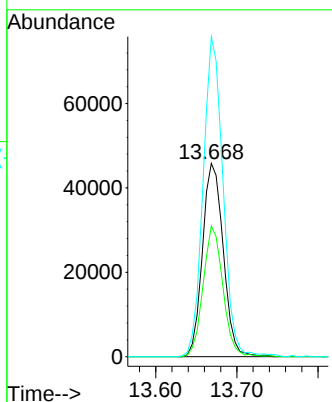
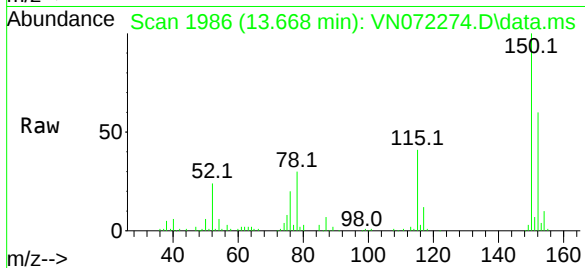




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072274.D
 Acq: 29 Apr 2022 16:58

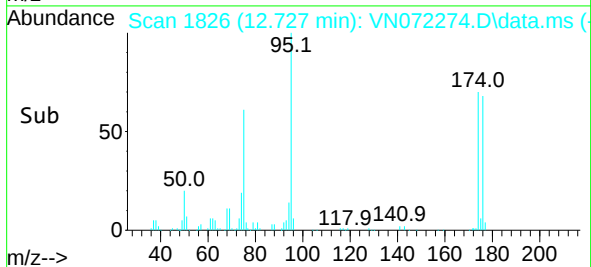
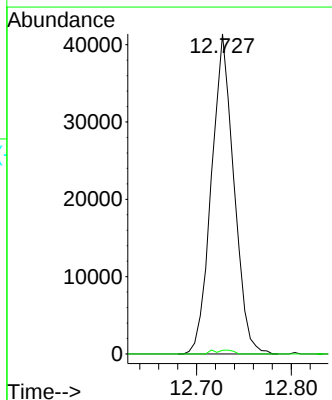
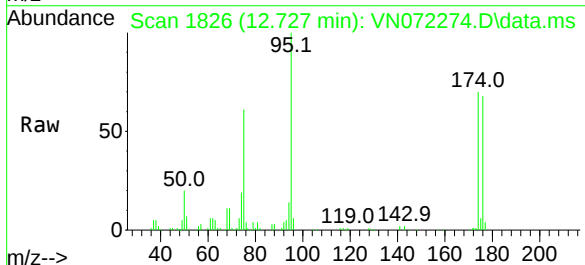
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW150S1-GW-245-247

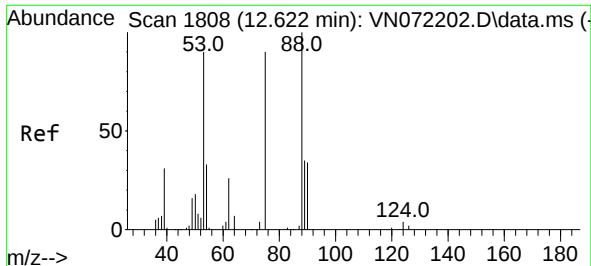
Tgt Ion:152 Resp: 81335
 Ion Ratio Lower Upper
 152 100
 115 64.5 28.9 86.7
 150 158.8 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 37.086 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072274.D
 Acq: 29 Apr 2022 16:58

Tgt Ion: 75 Resp: 68222
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

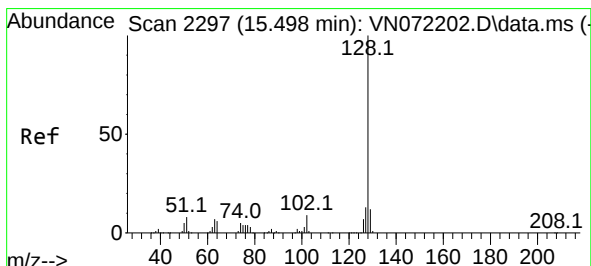
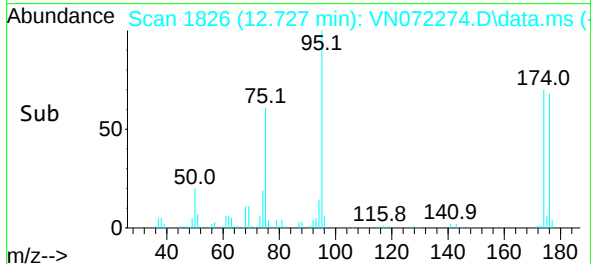
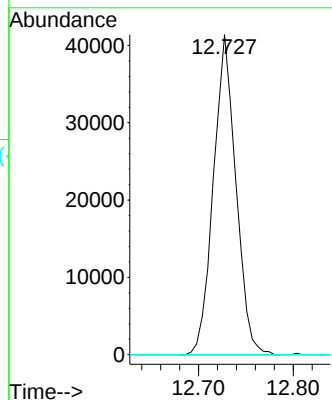
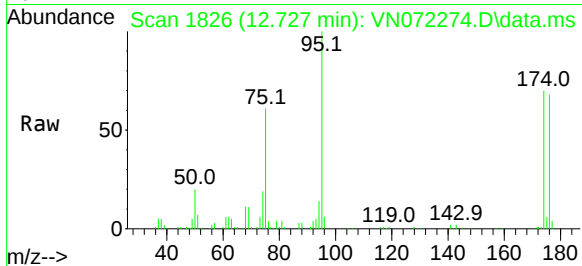




#81
trans-1,4-Dichloro-2-butene
Concen: 96.985 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

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

Tgt Ion: 75 Resp: 68222
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 4.355 ug/l
RT: 15.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: VN072274.D
Acq: 29 Apr 2022 16:58

Tgt Ion:128 Resp: 254
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

