

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072273.D
 Acq On : 29 Apr 2022 16:34
 Operator : JC\MD
 Sample : N2601-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Apr 30 03:15:15 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)

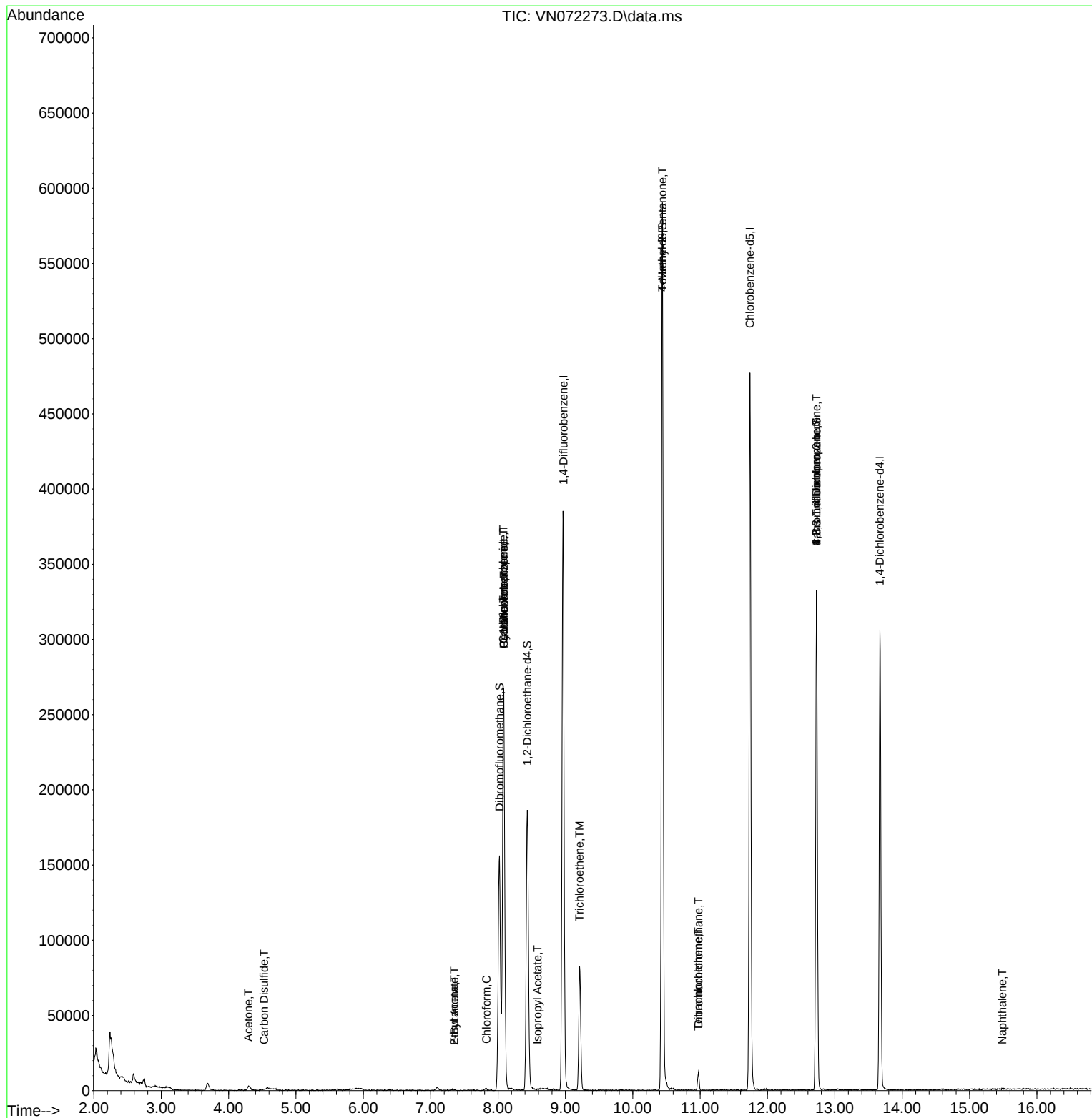
Internal Standards						
1) Pentafluorobenzene	8.086	168	187697	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	318219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	272680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	78805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	171393	59.479	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	118.960%	
35) Dibromofluoromethane	8.022	113	111166	54.579	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	109.160%	
50) Toluene-d8	10.439	98	398668	49.813	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	99.620%	
62) 4-Bromofluorobenzene	12.727	95	115779	43.584	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	87.160%	
Target Compounds						
						Qvalue
3) Chloromethane	2.310	50	1267	Below Cal	#	43
5) Bromomethane	2.757	94	62	Below Cal	#	2
6) Chloroethane	2.975	64	717	Below Cal	#	42
16) Acetone	4.293	43	4545	3.658	ug/l #	76
17) Carbon Disulfide	4.528	76	219	0.415	ug/l #	75
25) 2-Butanone	7.351	43	896	0.453	ug/l #	45
30) Chloroform	7.828	83	1469	0.341	ug/l	86
31) Cyclohexane	8.086	56	4899	1.272	ug/l #	49
36) 1,1-Dichloropropene	8.081	75	17352	5.853	ug/l #	51
37) Ethyl Acetate	7.351	43	896	0.228	ug/l #	67
38) Carbon Tetrachloride	8.081	117	21139	6.657	ug/l #	17
43) Isopropyl Acetate	8.586	43	293	0.848	ug/l #	53
44) Trichloroethene	9.210	130	28430	13.290	ug/l	93
51) 4-Methyl-2-Pentanone	10.439	43	1988	0.535	ug/l #	1
60) Dibromochloromethane	10.975	129	2437	1.034	ug/l #	11
64) Tetrachloroethene	10.969	164	2279	1.388	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.727	83	56	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	67098	37.613	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	67098	98.449	ug/l #	10
95) Naphthalene	15.486	128	160	4.335	ug/l #	69

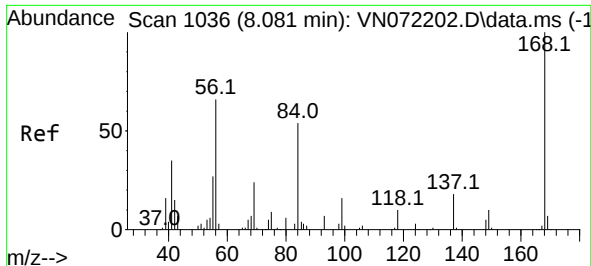
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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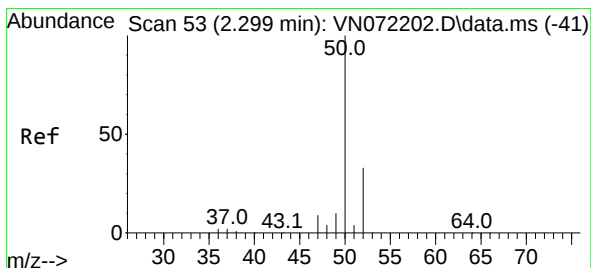
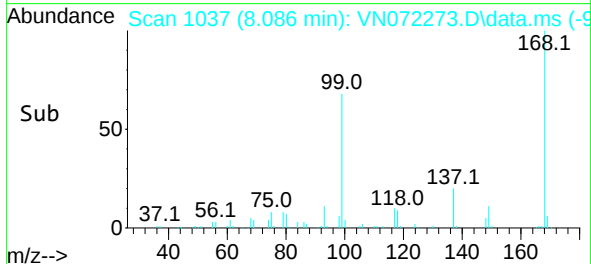
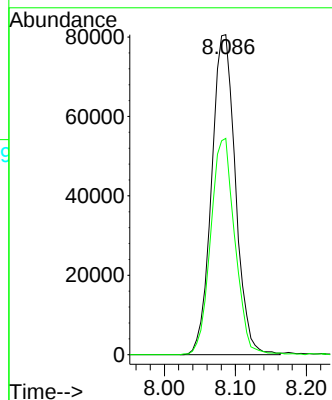
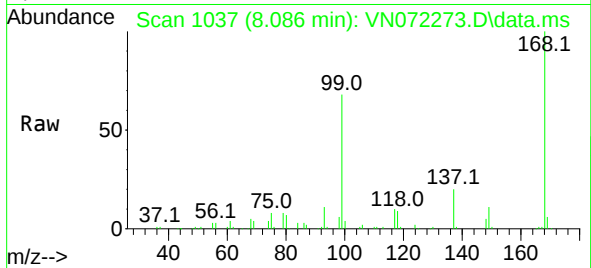




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

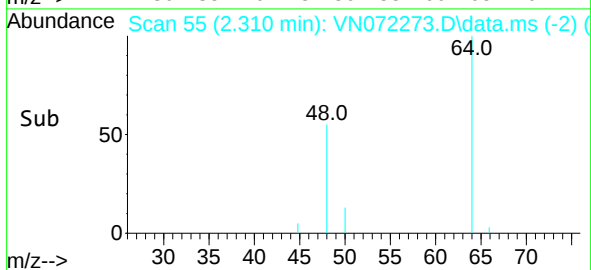
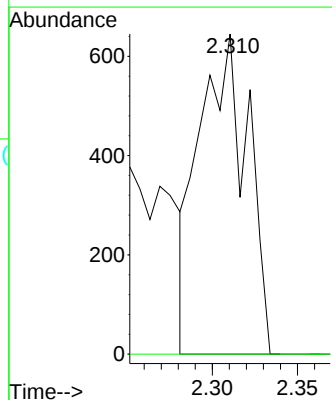
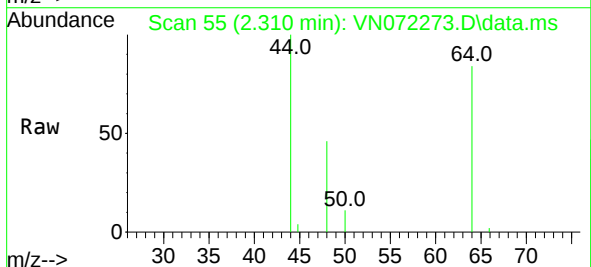
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237RE

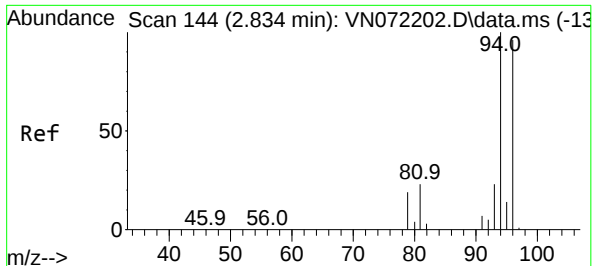
Tgt Ion:168 Resp: 187697
Ion Ratio Lower Upper
168 100
99 67.6 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.310 min Scan# 55
Delta R.T. 0.011 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

Tgt Ion: 50 Resp: 1267
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.757 min Scan# 11

Delta R.T. -0.077 min

Lab File: VN072273.D

Acq: 29 Apr 2022 16:34

Instrument :

MSVOA_N

ClientSampleId :

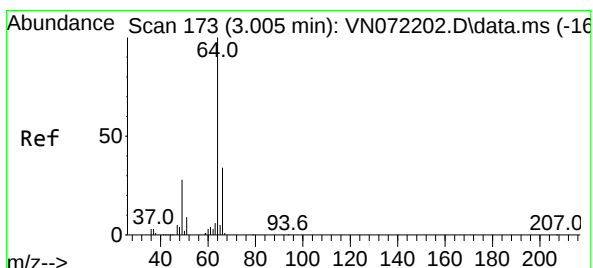
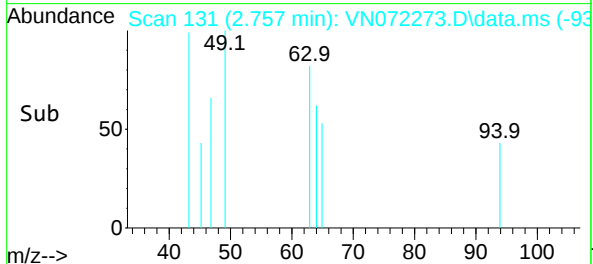
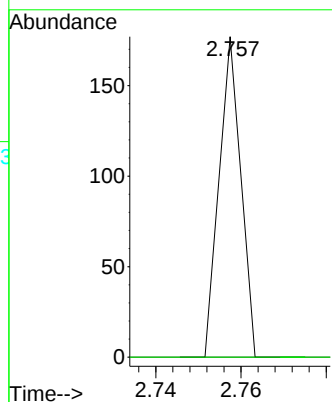
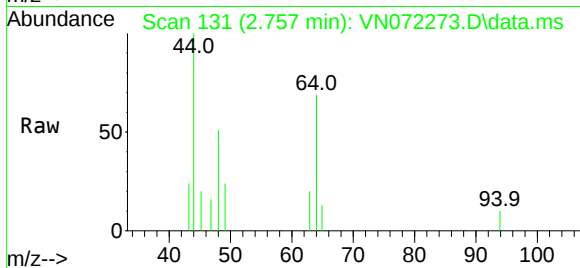
BP-MW150S1-GW-235-237RE

Tgt Ion: 94 Resp: 62

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.975 min Scan# 168

Delta R.T. -0.030 min

Lab File: VN072273.D

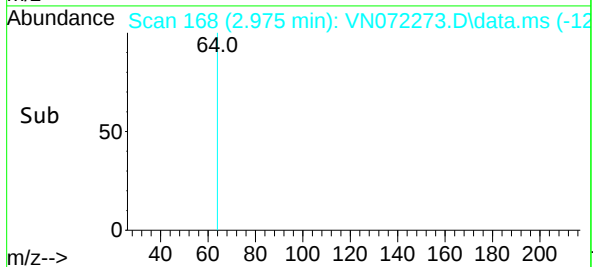
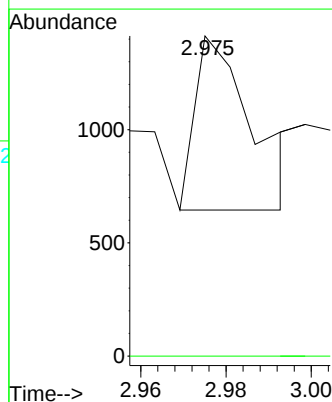
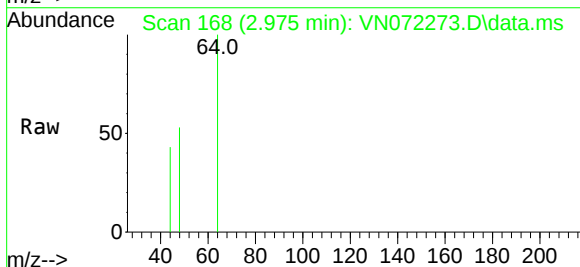
Acq: 29 Apr 2022 16:34

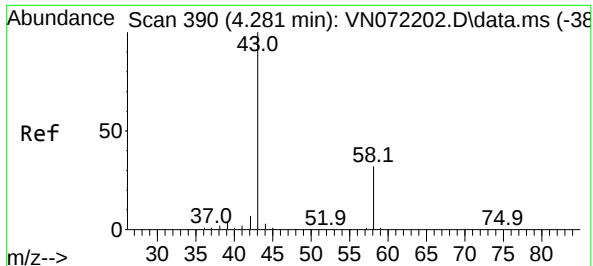
Tgt Ion: 64 Resp: 717

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

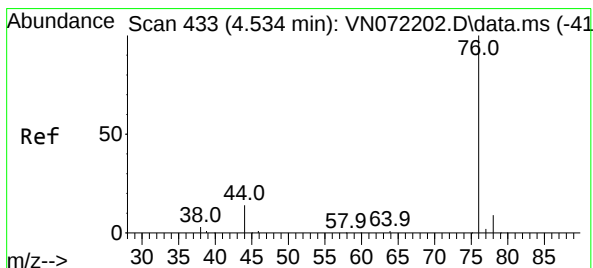
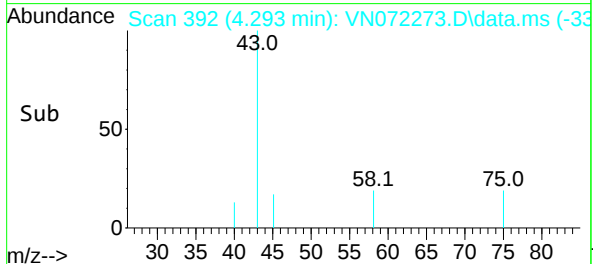
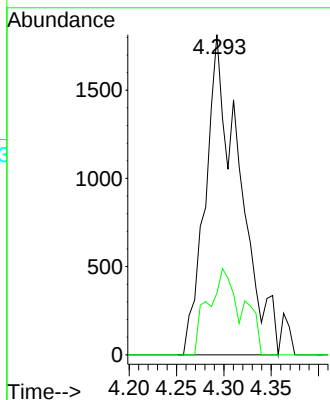
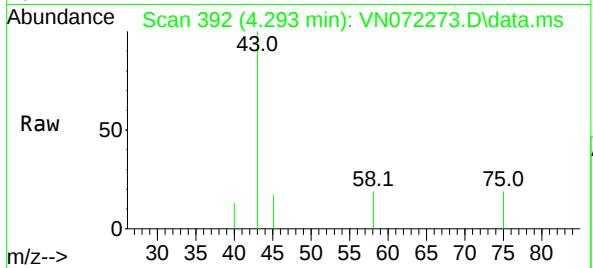




#16
Acetone
Concen: 3.658 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

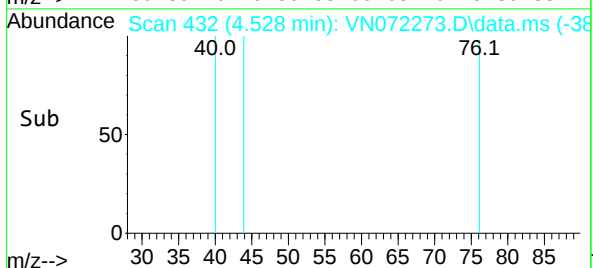
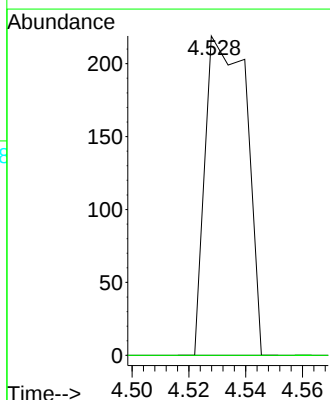
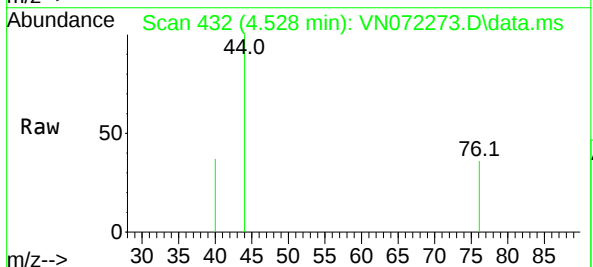
Instrument : MSVOA_N
ClientSampleId : BP-MW150S1-GW-235-237RE

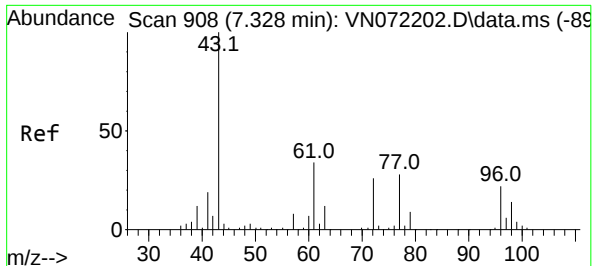
Tgt Ion: 43 Resp: 4545
Ion Ratio Lower Upper
43 100
58 19.3 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.415 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

Tgt Ion: 76 Resp: 219
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#25

2-Butanone

Concen: 0.453 ug/l

RT: 7.351 min Scan# 912

Delta R.T. 0.023 min

Lab File: VN072273.D

Acq: 29 Apr 2022 16:34

Instrument :

MSVOA_N

ClientSampleId :

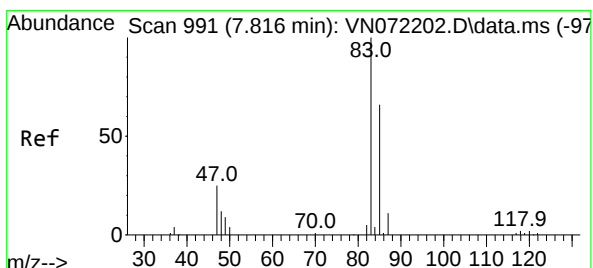
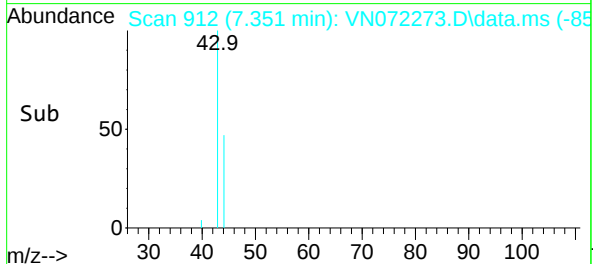
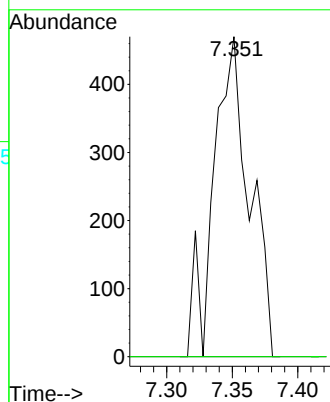
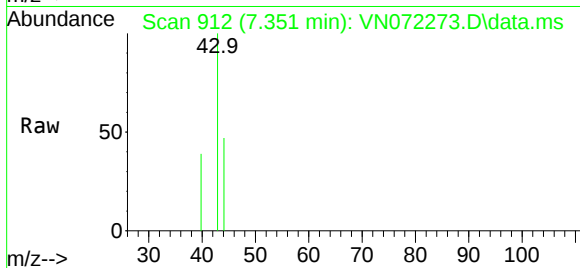
BP-MW150S1-GW-235-237RE

Tgt Ion: 43 Resp: 896

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#30

Chloroform

Concen: 0.341 ug/l

RT: 7.828 min Scan# 993

Delta R.T. 0.012 min

Lab File: VN072273.D

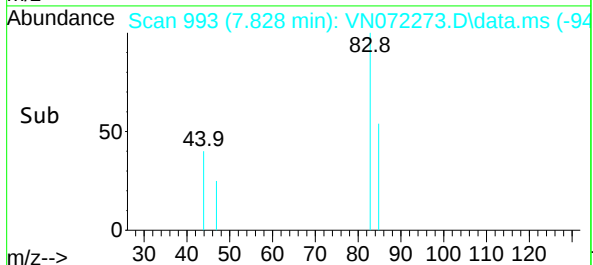
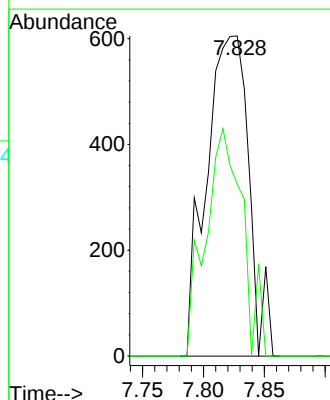
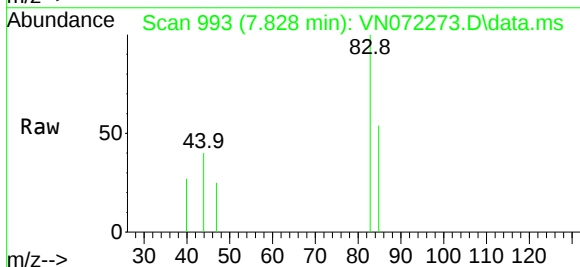
Acq: 29 Apr 2022 16:34

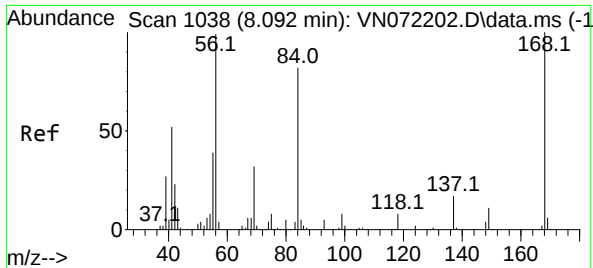
Tgt Ion: 83 Resp: 1469

Ion Ratio Lower Upper

83 100

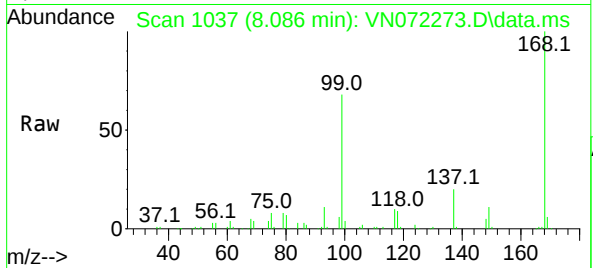
85 53.7 51.8 77.8



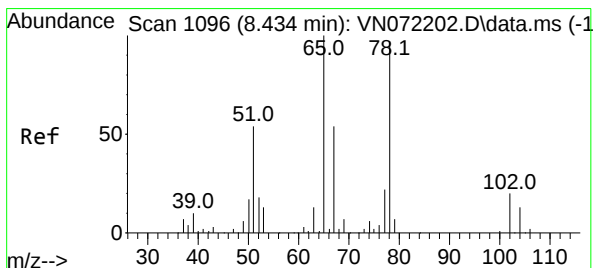
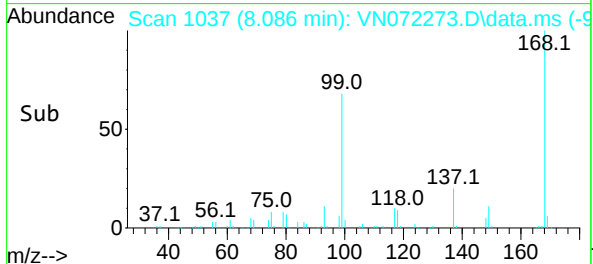
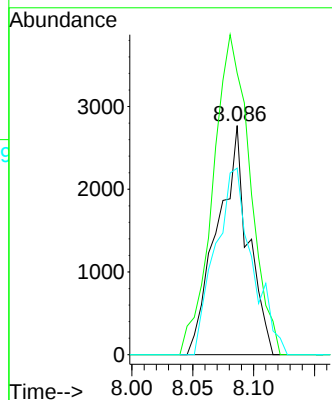


#31
Cyclohexane
Concen: 1.272 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

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

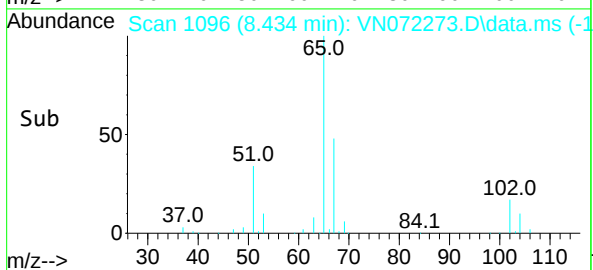
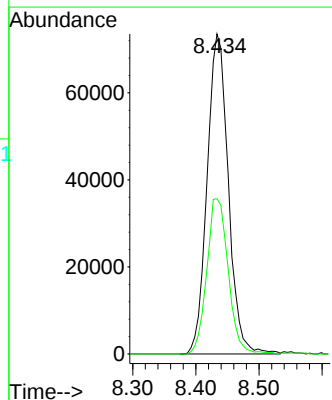
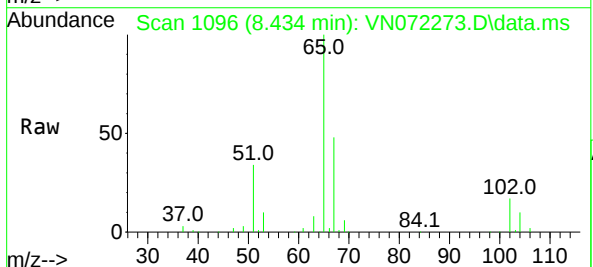


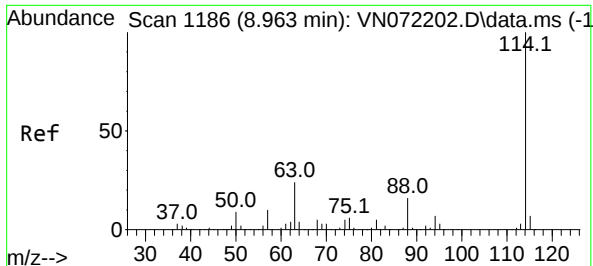
Tgt Ion: 56 Resp: 4899
Ion Ratio Lower Upper
56 100
69 122.9 27.8 41.8#
84 81.4 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 59.479 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

Tgt Ion: 65 Resp: 171393
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072273.D

Acq: 29 Apr 2022 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-MW150S1-GW-235-237RE

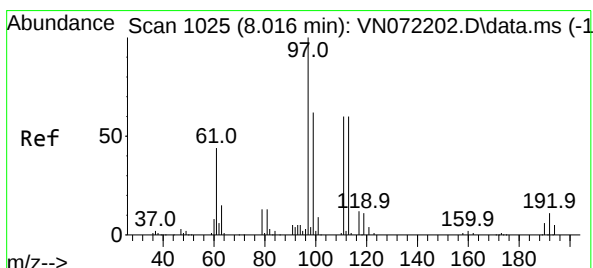
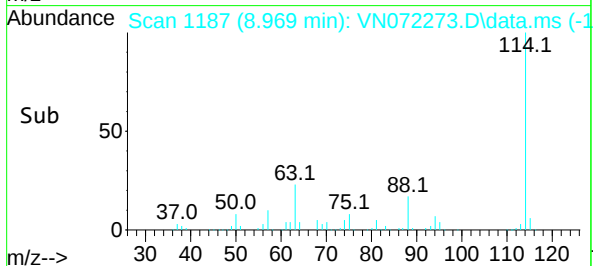
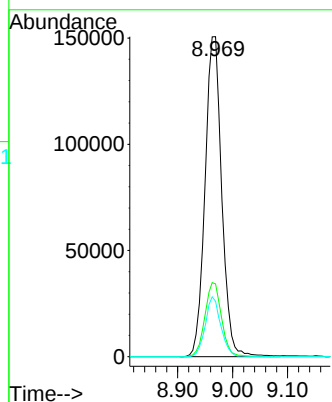
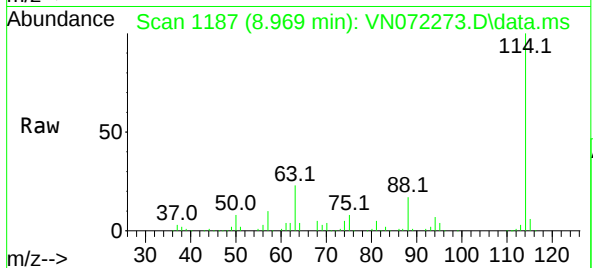
Tgt Ion:114 Resp: 318219

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 17.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.579 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072273.D

Acq: 29 Apr 2022 16:34

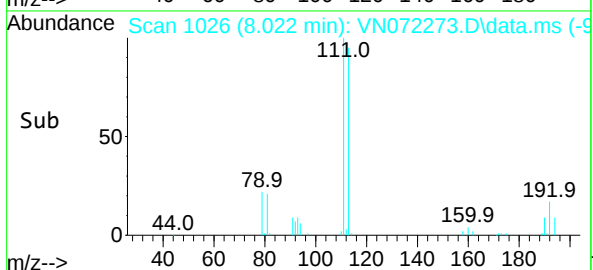
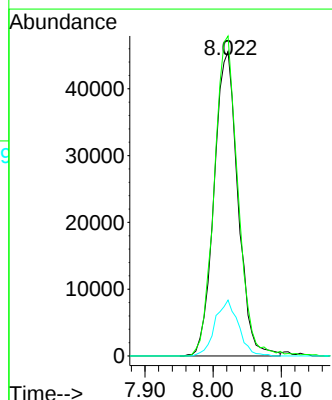
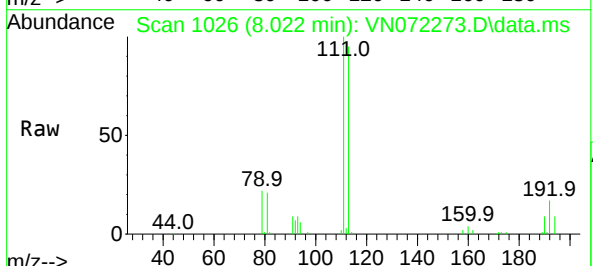
Tgt Ion:113 Resp: 111166

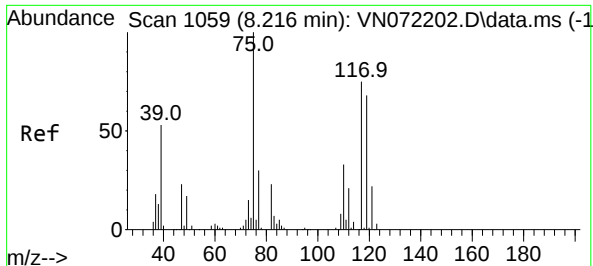
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.853 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN072273.D

Acq: 29 Apr 2022 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-MW150S1-GW-235-237RE

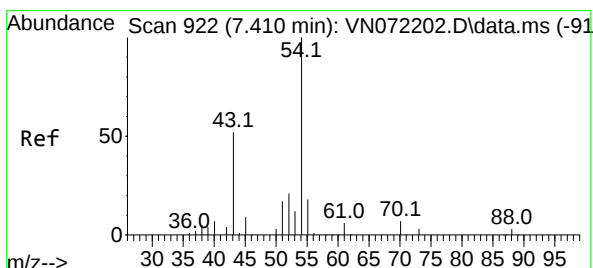
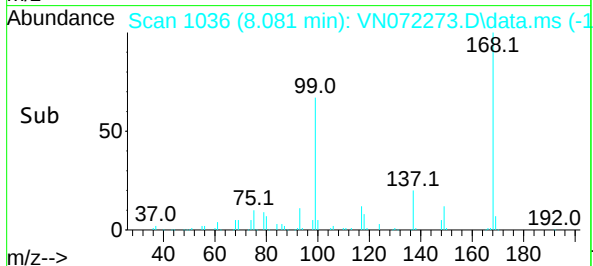
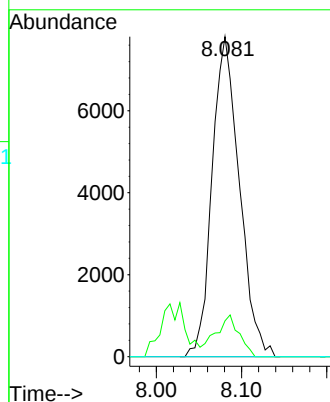
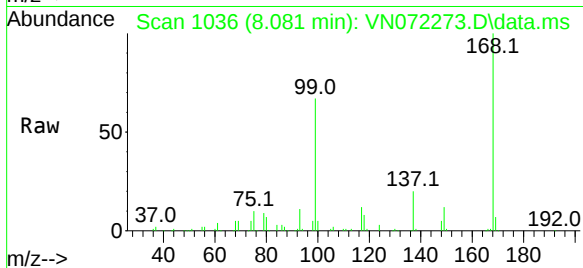
Tgt Ion: 75 Resp: 17352

Ion Ratio Lower Upper

75 100

110 11.4 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.228 ug/l

RT: 7.351 min Scan# 912

Delta R.T. -0.059 min

Lab File: VN072273.D

Acq: 29 Apr 2022 16:34

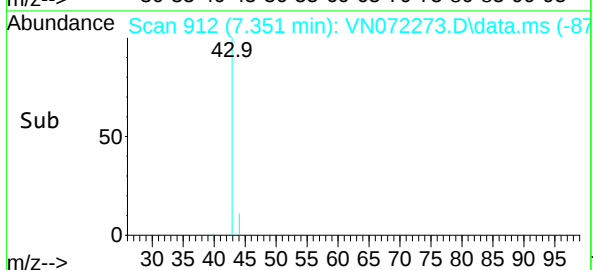
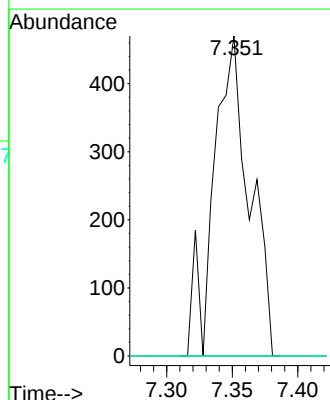
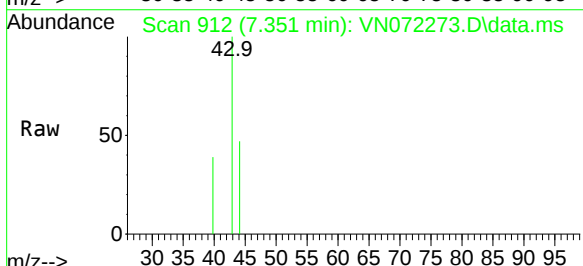
Tgt Ion: 43 Resp: 896

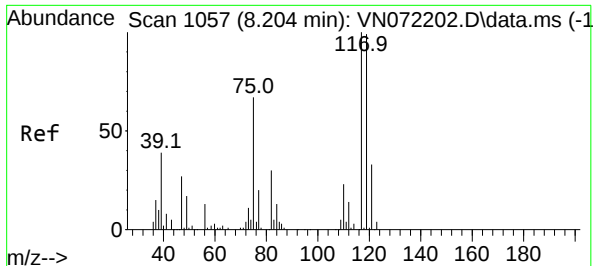
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

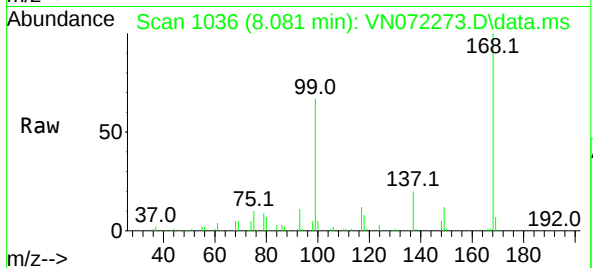
70 0.0 9.3 13.9#



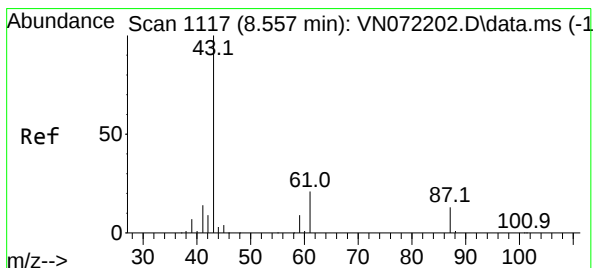
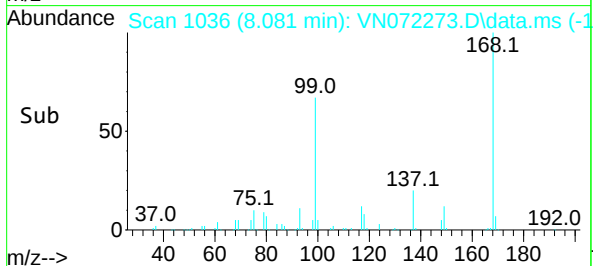
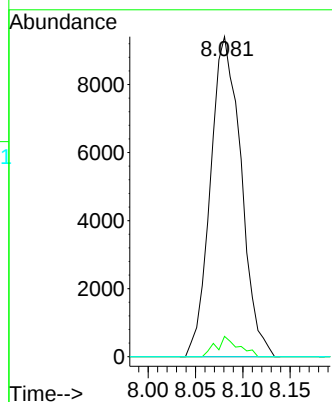


#38
Carbon Tetrachloride
Concen: 6.657 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

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

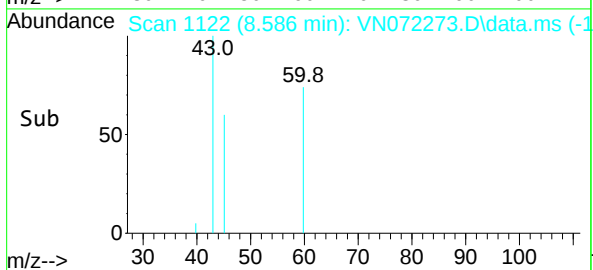
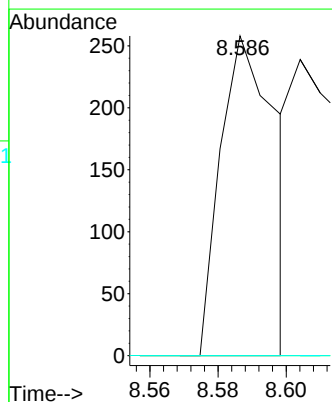
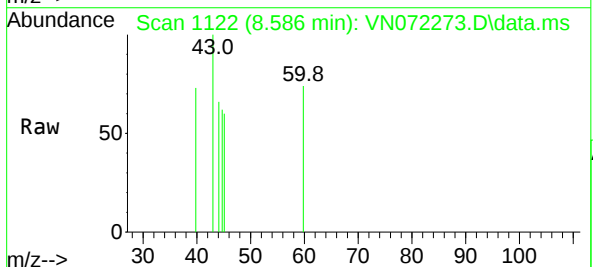


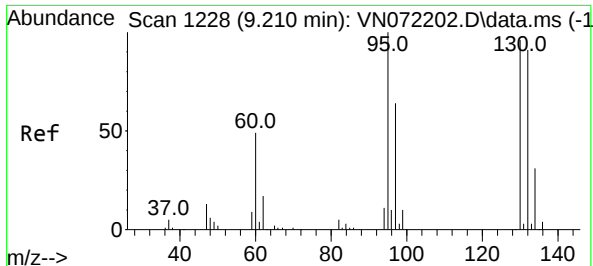
Tgt Ion: 117 Resp: 21139
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.848 ug/l
RT: 8.586 min Scan# 1122
Delta R.T. 0.029 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

Tgt Ion: 43 Resp: 293
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

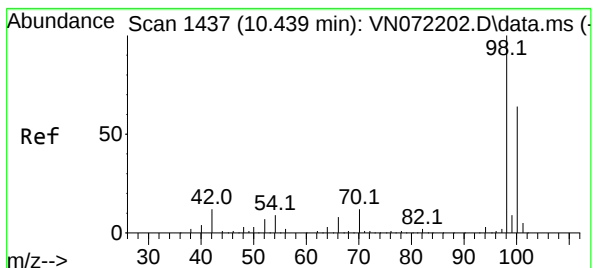
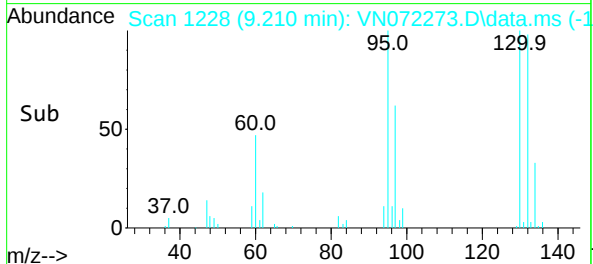
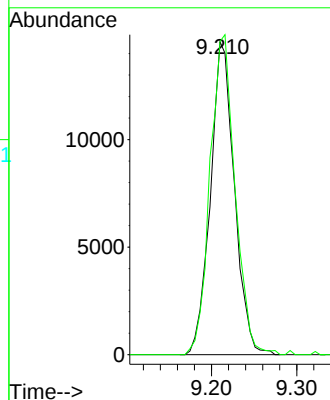
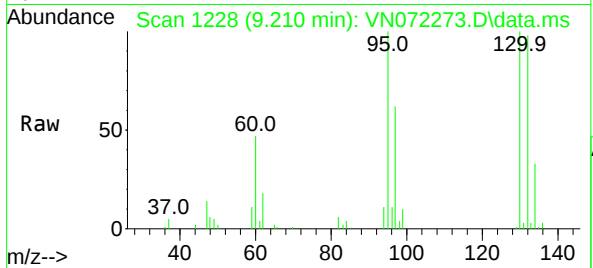




#44
Trichloroethene
Concen: 13.290 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

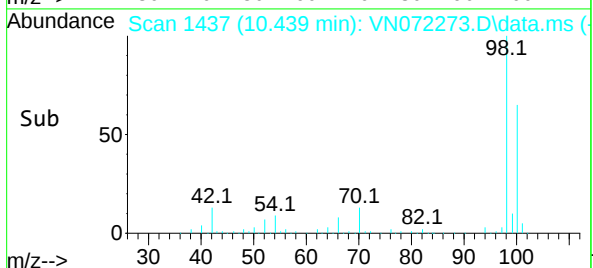
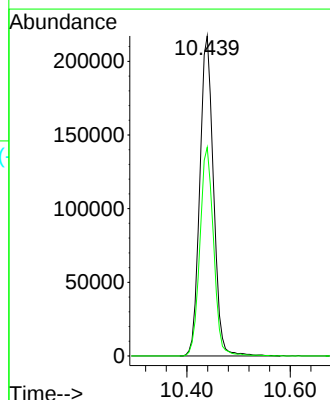
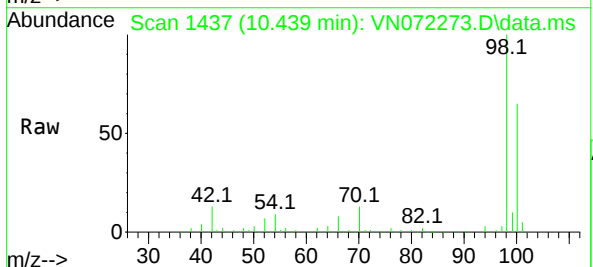
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237RE

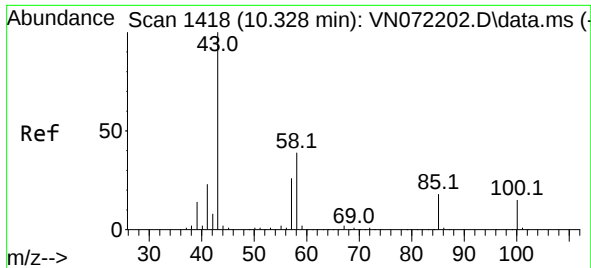
Tgt Ion:130 Resp: 28430
Ion Ratio Lower Upper
130 100
95 100.2 0.0 186.8



#50
Toluene-d8
Concen: 49.813 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

Tgt Ion: 98 Resp: 398668
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

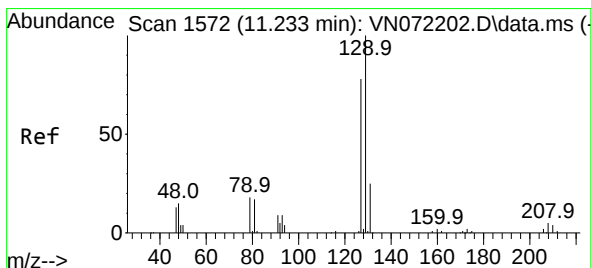
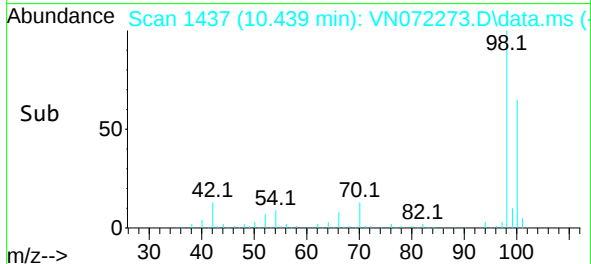
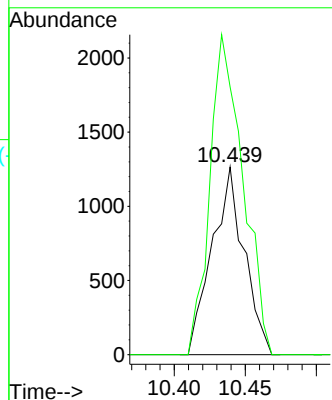
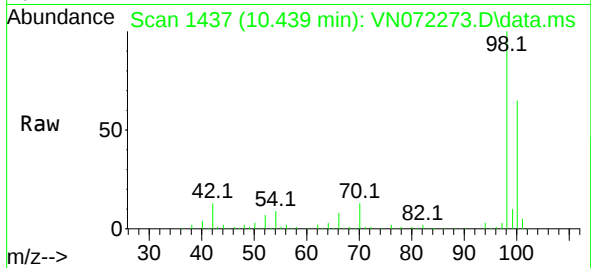




#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 10.439 min Scan# 1418
Delta R.T. 0.111 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

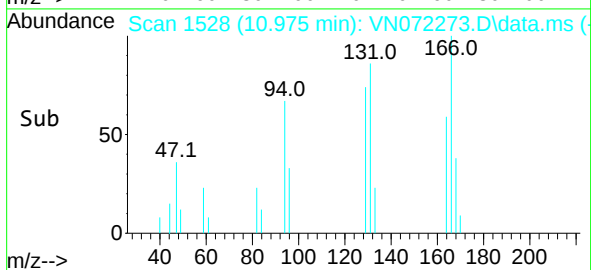
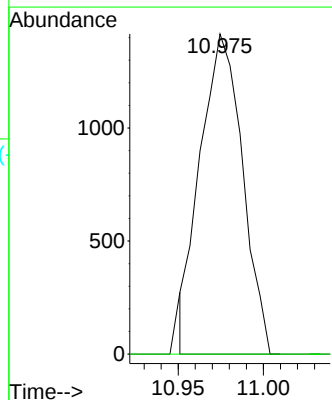
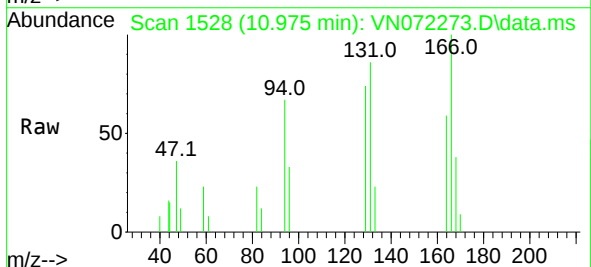
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237RE

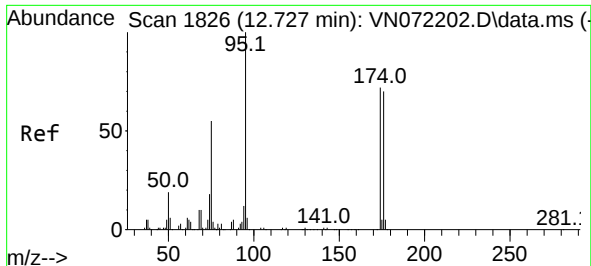
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
58 176.1 34.1 51.1#



#60
Dibromochloromethane
Concen: 1.034 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.258 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

Tgt Ion: 129 Resp: 2437
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

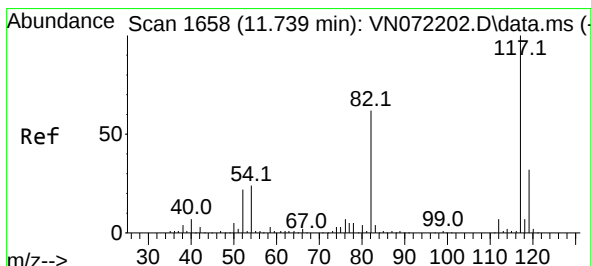
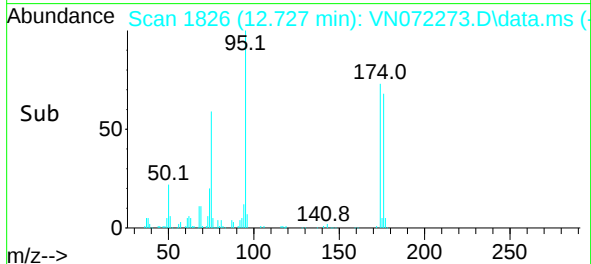
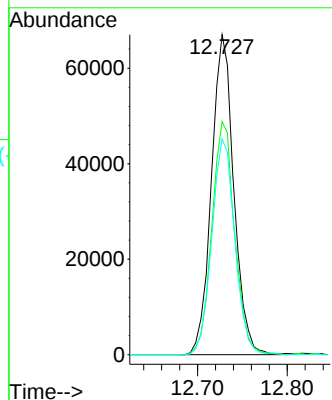
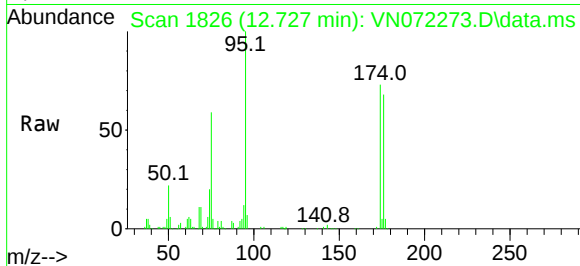




#62
4-Bromofluorobenzene
Concen: 43.584 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

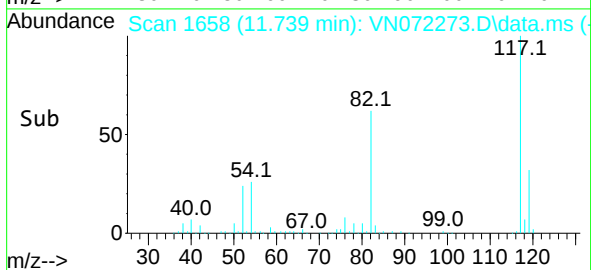
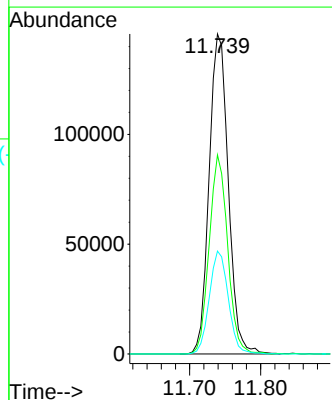
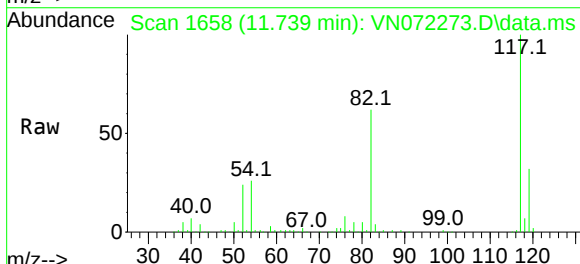
Instrument :
MSVOA_N
ClientSampleId :
BP-MW150S1-GW-235-237RE

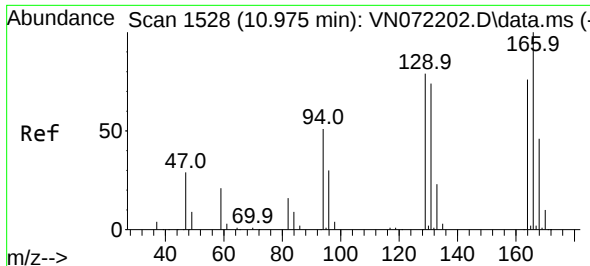
Tgt Ion: 95 Resp: 115779
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 69.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

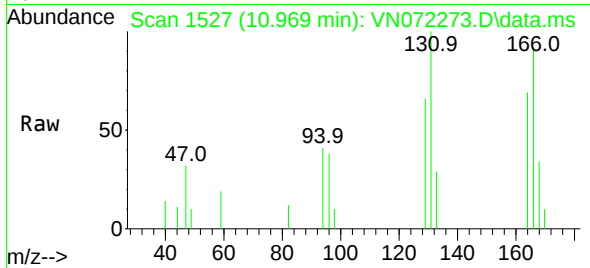
Tgt Ion: 117 Resp: 272680
Ion Ratio Lower Upper
117 100
82 62.2 44.2 66.2
119 32.2 25.4 38.0



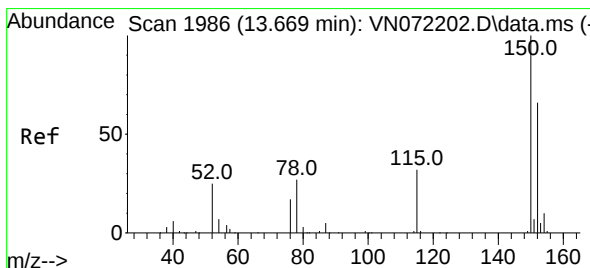
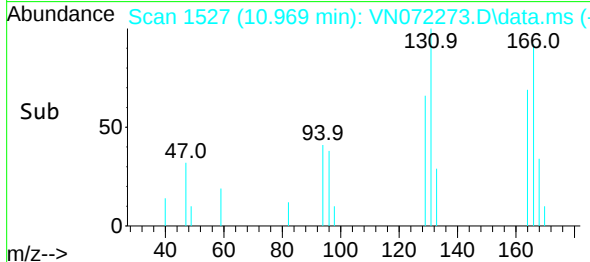
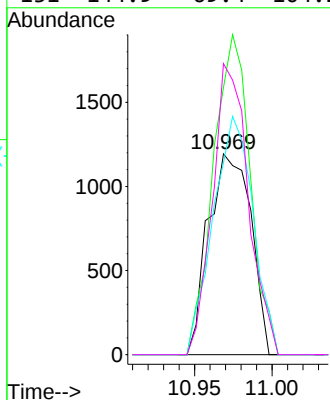


#64
Tetrachloroethene
Concen: 1.388 ug/l
RT: 10.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

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

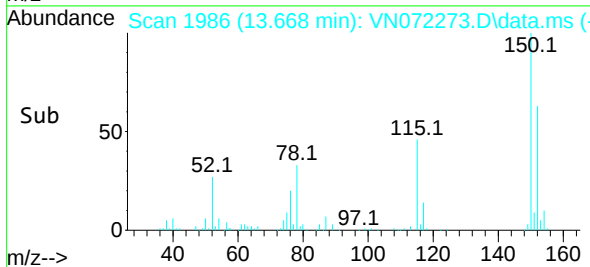
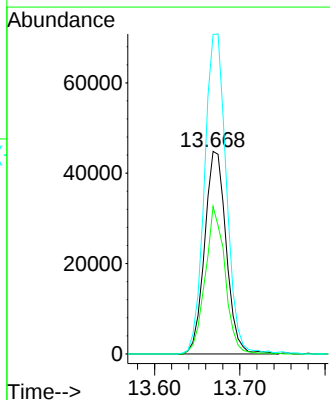
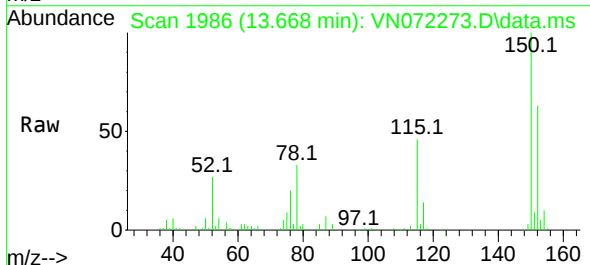


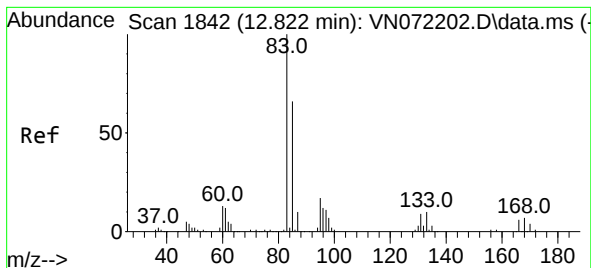
Tgt Ion:164 Resp: 2279
Ion Ratio Lower Upper
164 100
166 133.0 104.2 156.2
129 95.5 73.9 110.9
131 144.9 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

Tgt Ion:152 Resp: 78805
Ion Ratio Lower Upper
152 100
115 67.0 28.9 86.7
150 160.8 0.0 356.2





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.727 min Scan# 1826

Delta R.T. -0.095 min

Lab File: VN072273.D

Acq: 29 Apr 2022 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-MW150S1-GW-235-237RE

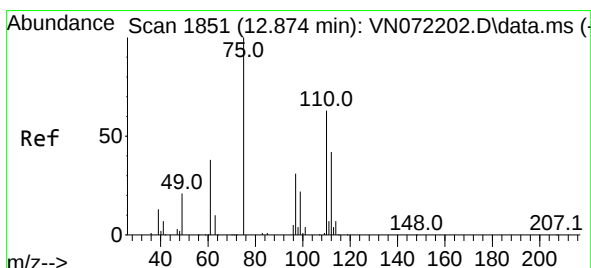
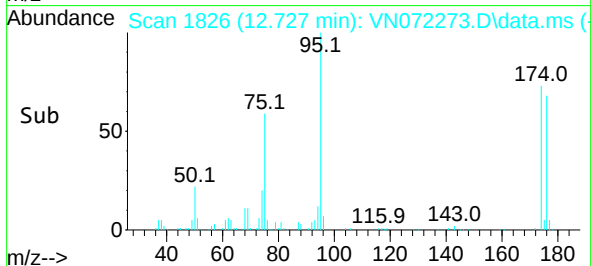
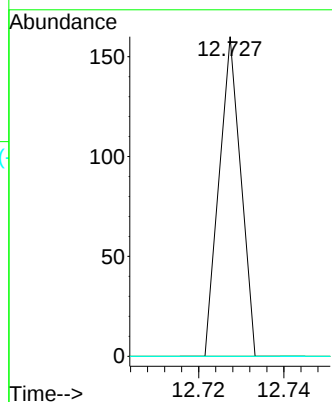
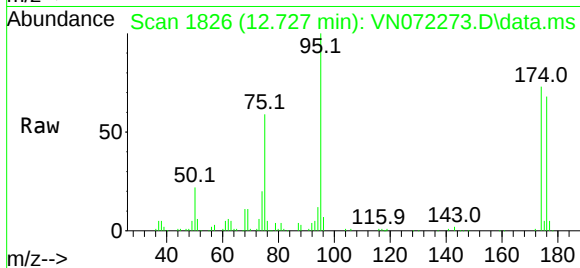
Tgt Ion: 83 Resp: 56

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 37.613 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN072273.D

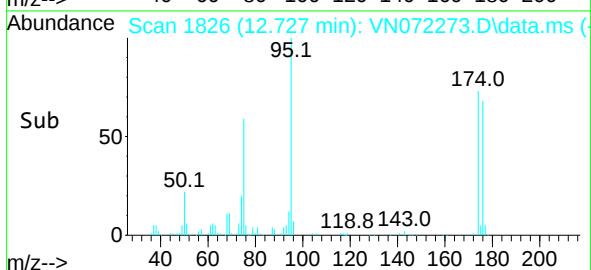
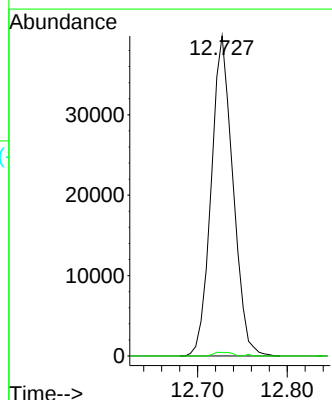
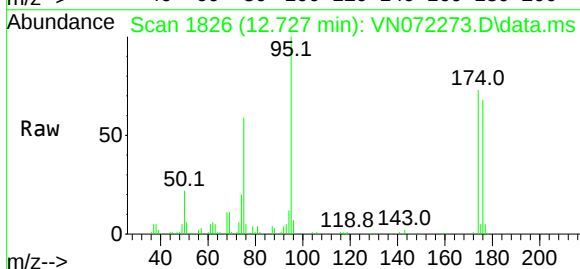
Acq: 29 Apr 2022 16:34

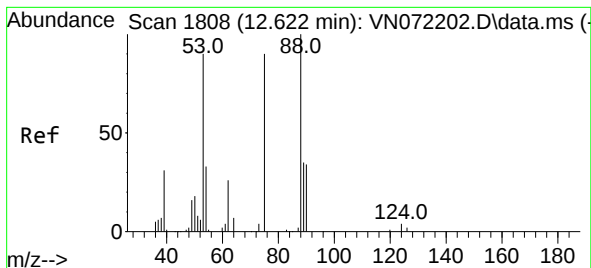
Tgt Ion: 75 Resp: 67098

Ion Ratio Lower Upper

75 100

77 1.0 98.5 295.5#

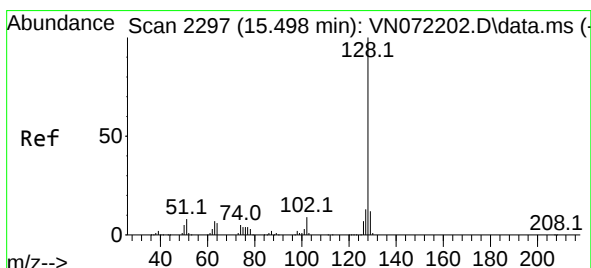
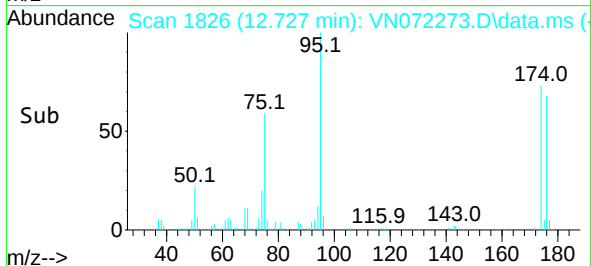
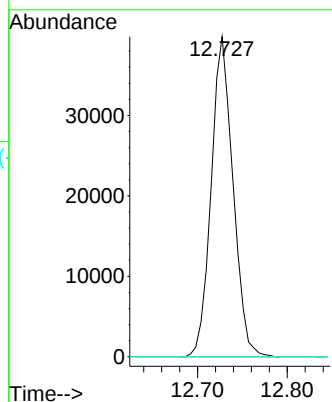
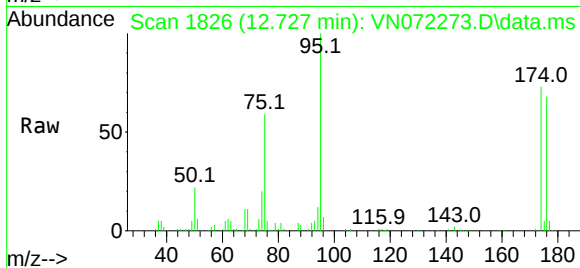




#81
trans-1,4-Dichloro-2-butene
Concen: 98.449 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

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

Tgt Ion: 75 Resp: 67098
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 4.335 ug/l
RT: 15.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: VN072273.D
Acq: 29 Apr 2022 16:34

Tgt Ion: 128 Resp: 160
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

