

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030124\
 Data File : VX040555.D
 Acq On : 01 Mar 2024 18:17
 Operator : JC/MD
 Sample : P1660-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-960-962

Quant Time: Mar 01 23:21:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

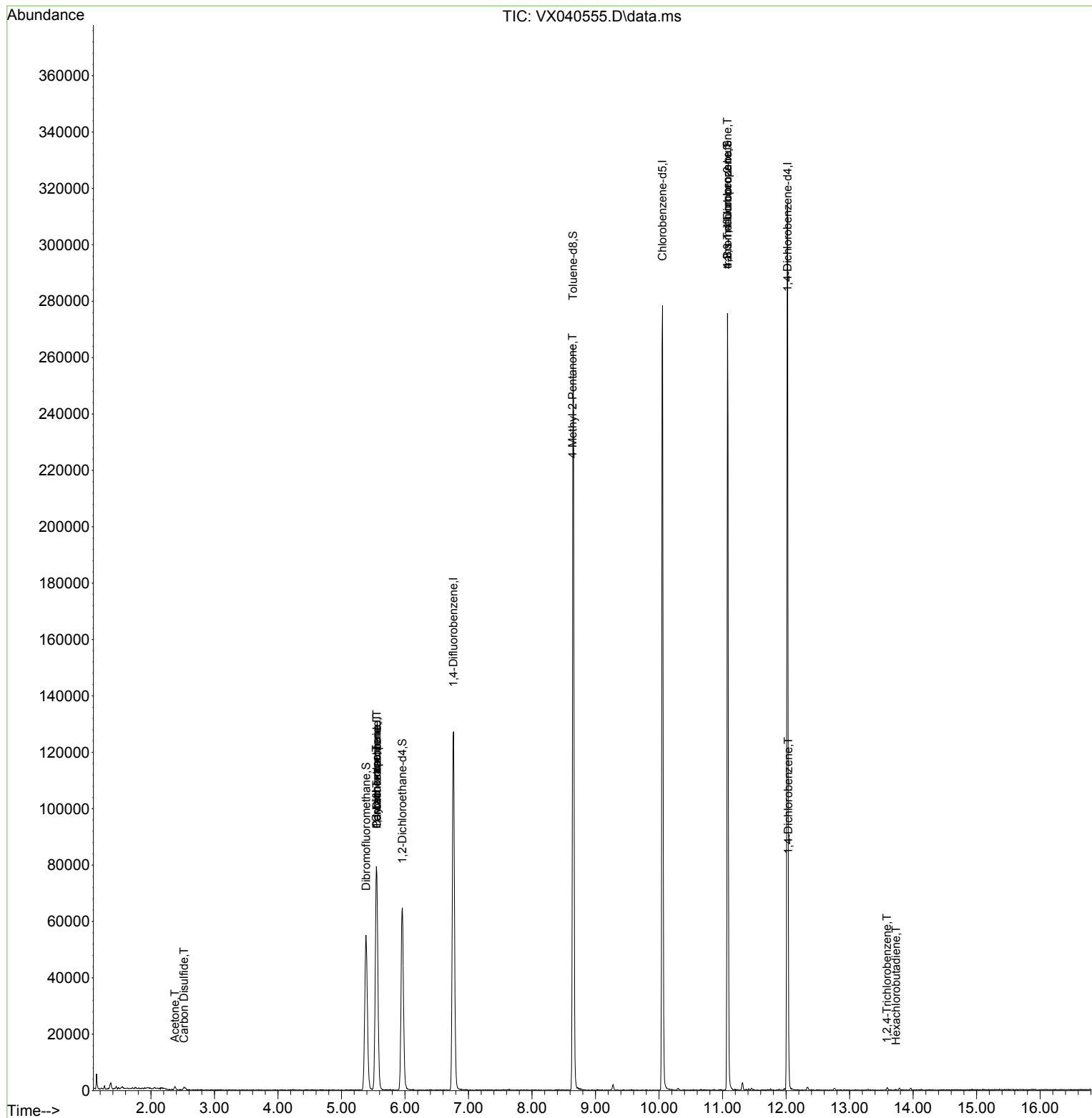
Internal Standards						
1) Pentafluorobenzene	5.556	168	70117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66651	56.833	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.660%			
35) Dibromofluoromethane	5.385	113	46349	54.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.960%			
50) Toluene-d8	8.647	98	153424	49.682	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	67917	57.696	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.400%			
Target Compounds			Qvalue			
16) Acetone	2.380	43	1291	3.376	ug/l	99
17) Carbon Disulfide	2.520	76	752	0.340	ug/l #	90
31) Cyclohexane	5.550	56	2079	1.565	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	6609	5.042	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7697	6.079	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	864	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39911	28.875	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39911	83.319	ug/l #	5
88) 1,4-Dichlorobenzene	12.036	146	505	0.228	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	316	0.233	ug/l #	80
94) Hexachlorobutadiene	13.731	225	127	0.229	ug/l #	30

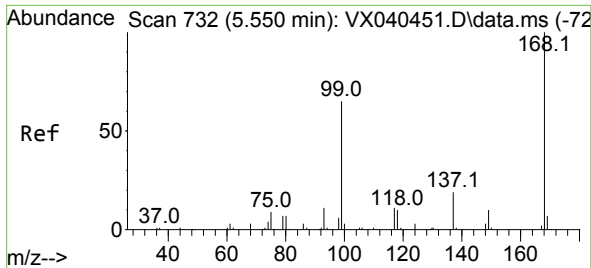
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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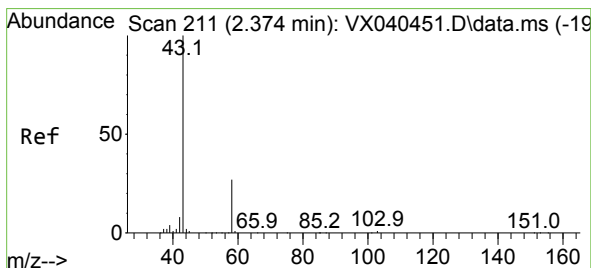
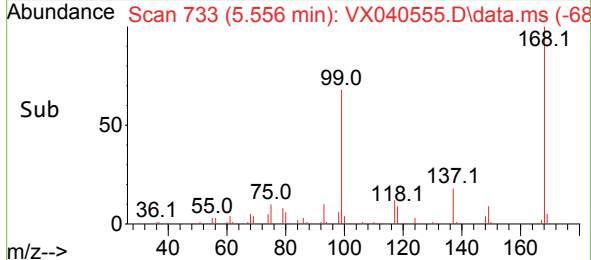
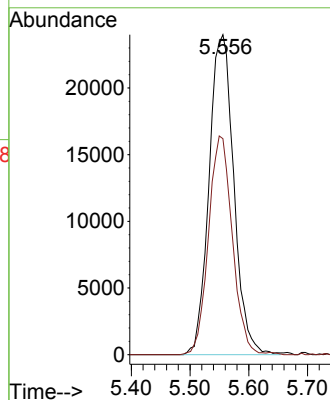
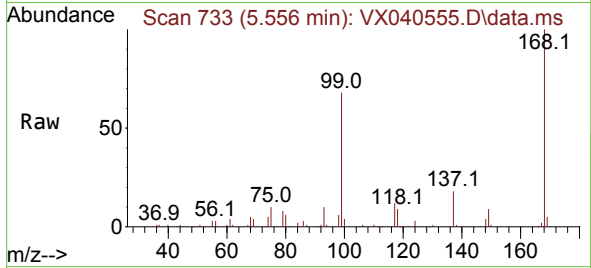




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040555.D
Acq: 01 Mar 2024 18:17

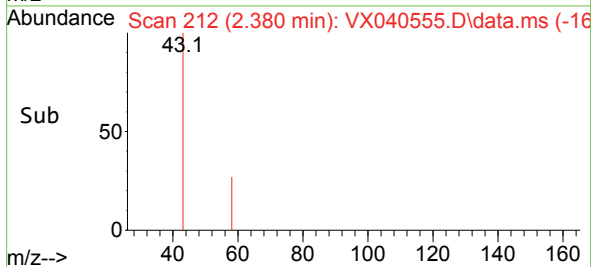
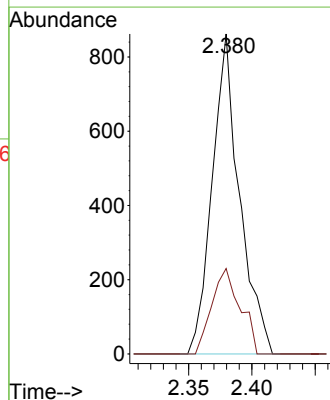
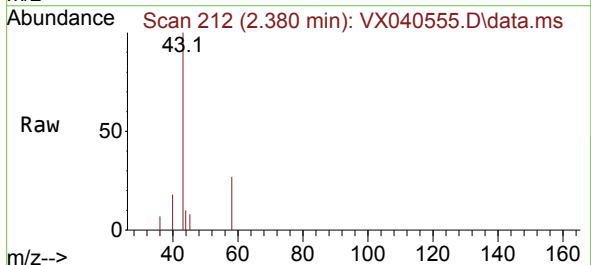
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-960-962

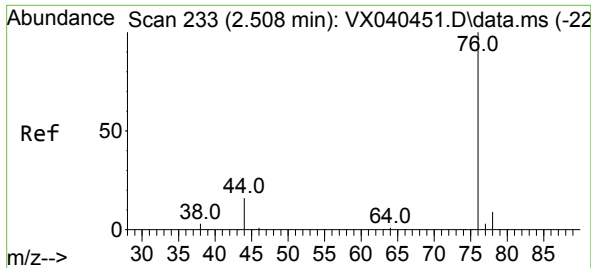
Tgt Ion:168 Resp: 70117
Ion Ratio Lower Upper
168 100
99 67.5 56.6 85.0



#16
Acetone
Concen: 3.376 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040555.D
Acq: 01 Mar 2024 18:17

Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9





#17

Carbon Disulfide

Concen: 0.340 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX040555.D

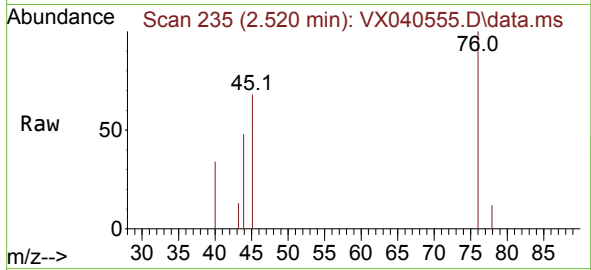
Acq: 01 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-960-962

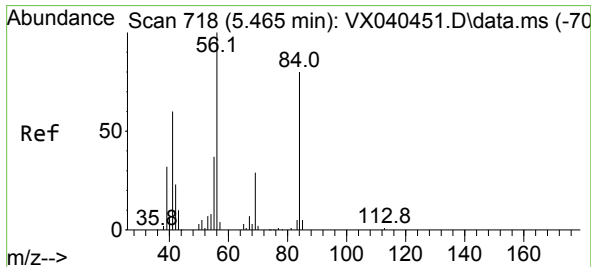
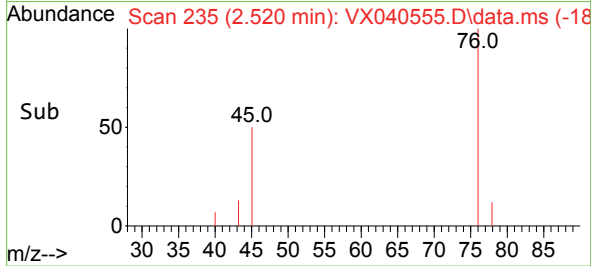
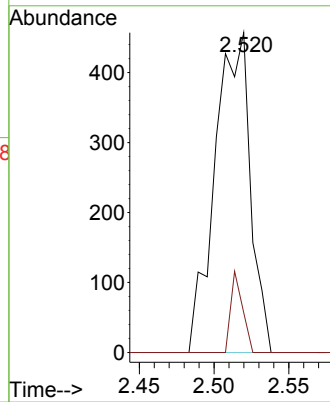


Tgt Ion: 76 Resp: 752

Ion Ratio Lower Upper

76 100

78 12.5 7.0 10.6#



#31

Cyclohexane

Concen: 1.565 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX040555.D

Acq: 01 Mar 2024 18:17

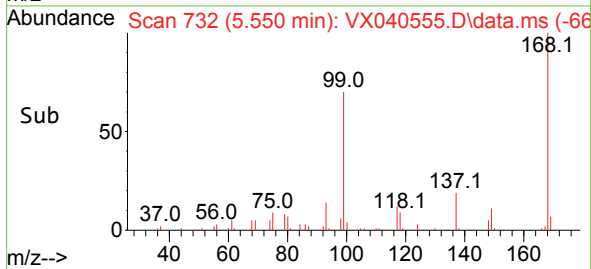
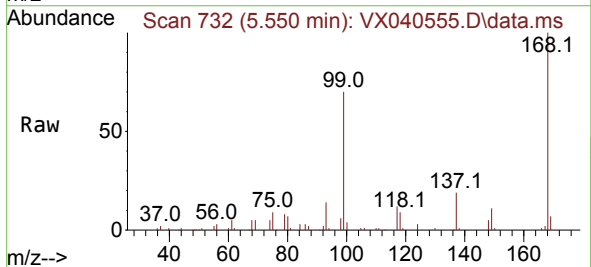
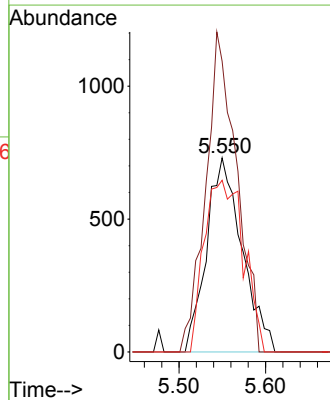
Tgt Ion: 56 Resp: 2079

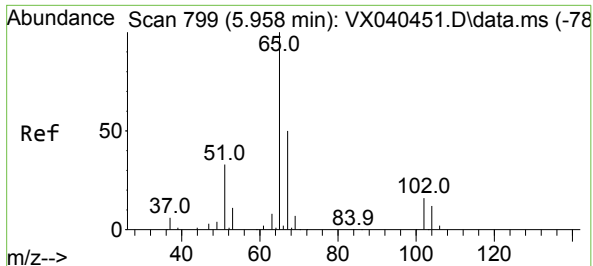
Ion Ratio Lower Upper

56 100

69 149.9 23.4 35.2#

84 88.5 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 56.833 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040555.D

Acq: 01 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

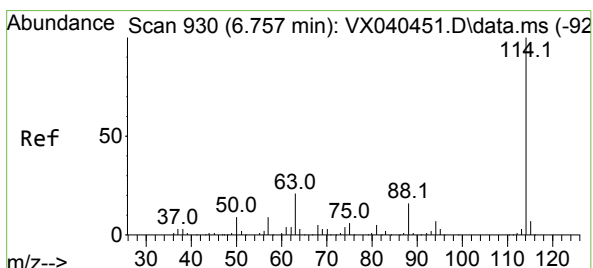
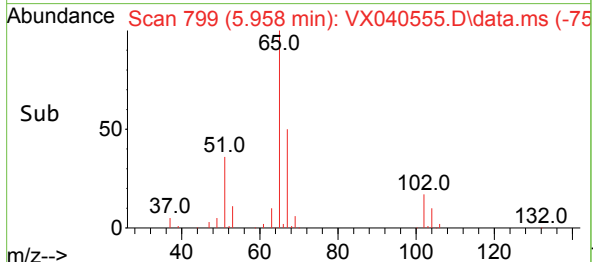
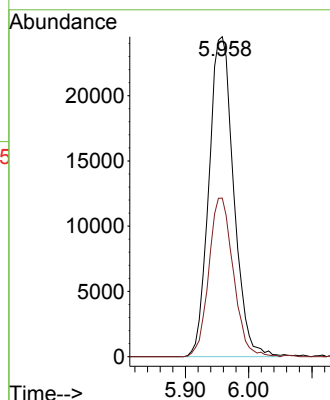
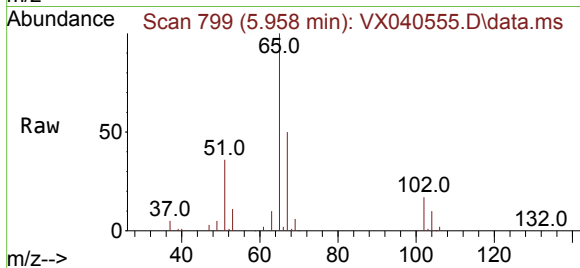
BP-VPB-195-GW-960-962

Tgt Ion: 65 Resp: 66651

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040555.D

Acq: 01 Mar 2024 18:17

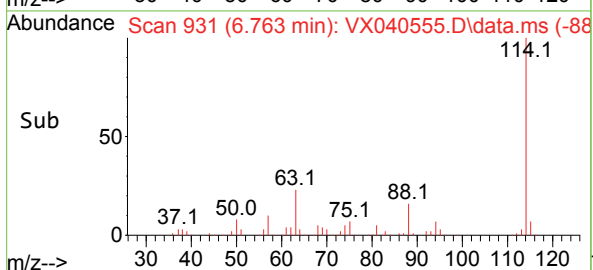
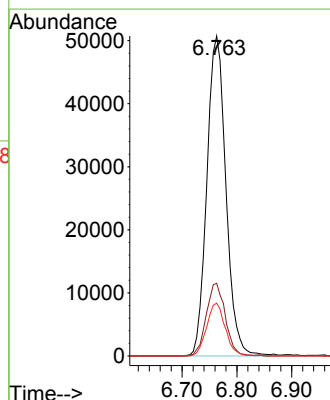
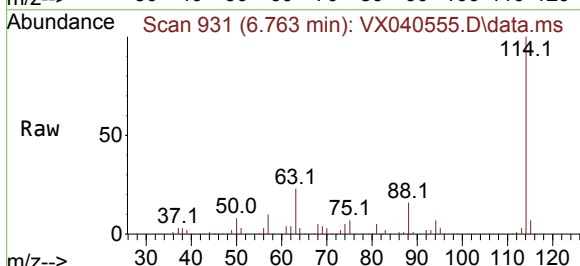
Tgt Ion: 114 Resp: 122340

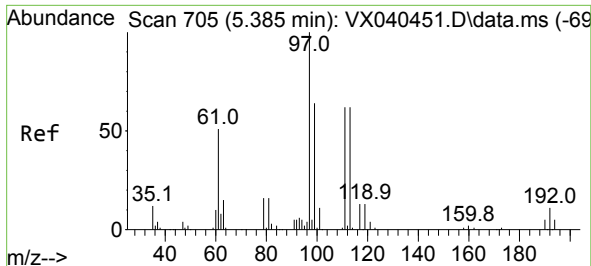
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.5 0.0 36.6

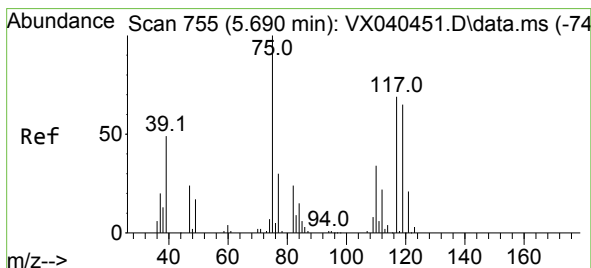
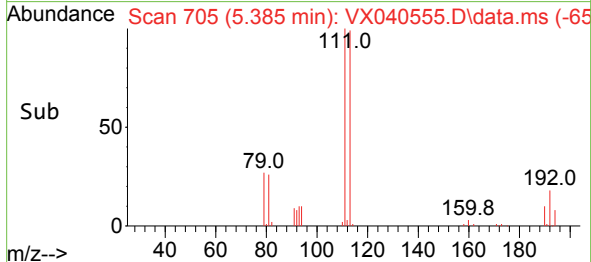
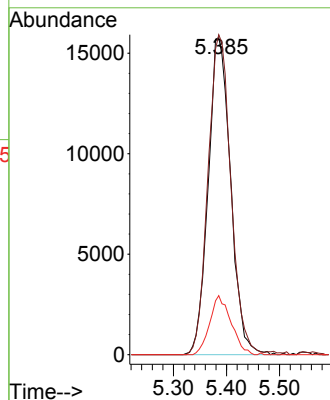
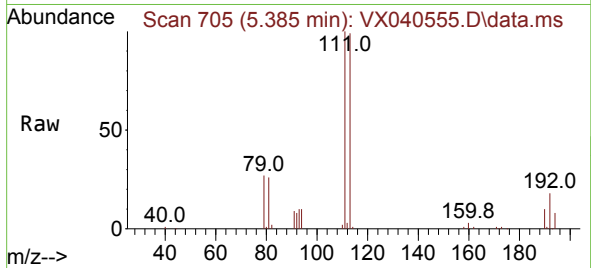




#35
Dibromofluoromethane
Concen: 54.481 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040555.D
Acq: 01 Mar 2024 18:17

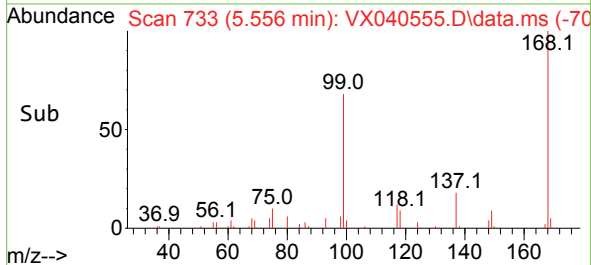
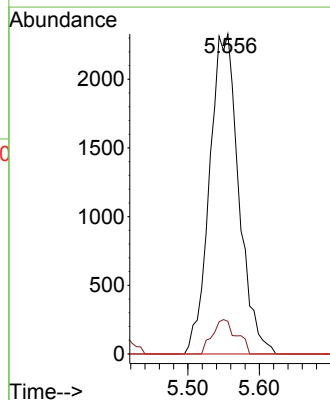
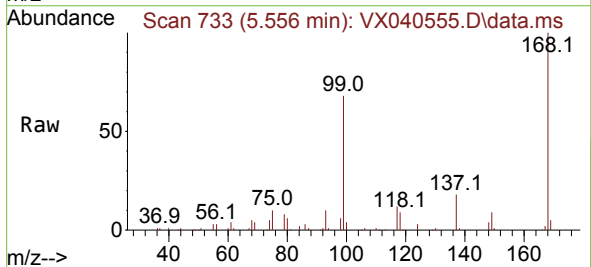
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-960-962

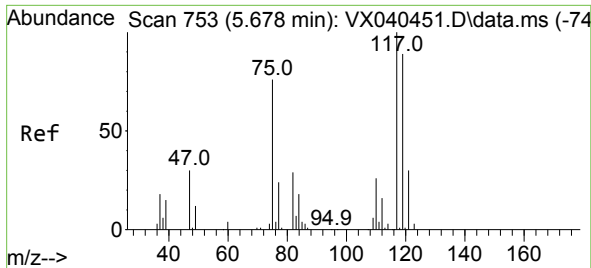
Tgt Ion:113 Resp: 46349
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.042 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040555.D
Acq: 01 Mar 2024 18:17

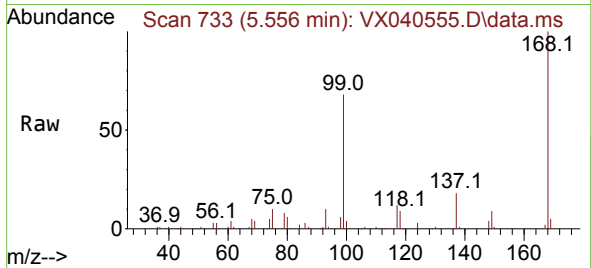
Tgt Ion: 75 Resp: 6609
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



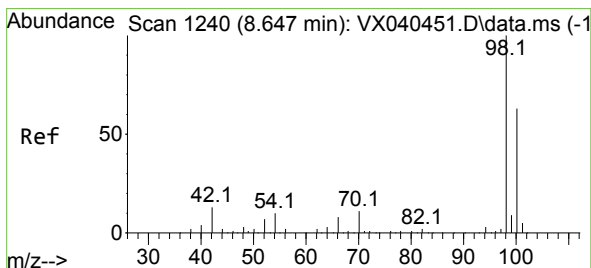
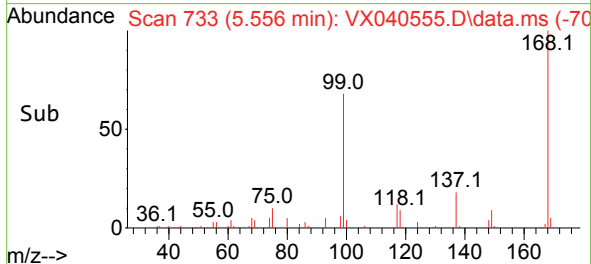
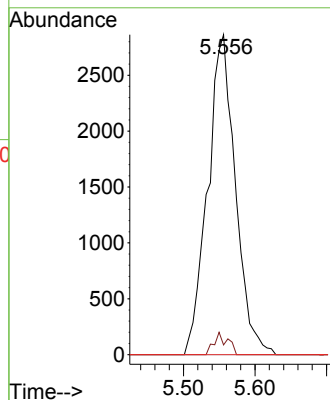


#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040555.D
Acq: 01 Mar 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-960-962

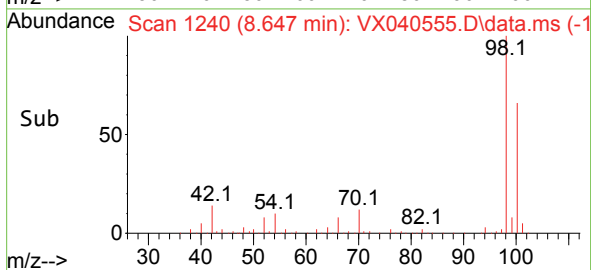
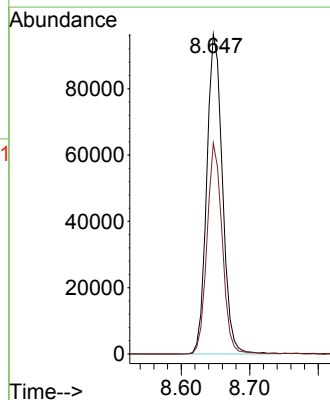
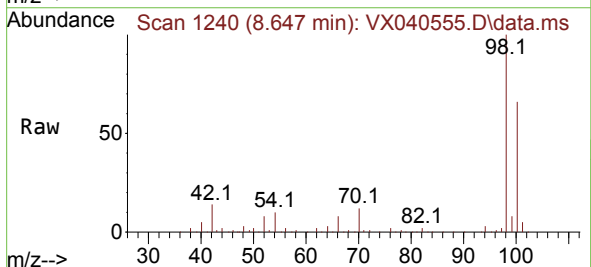


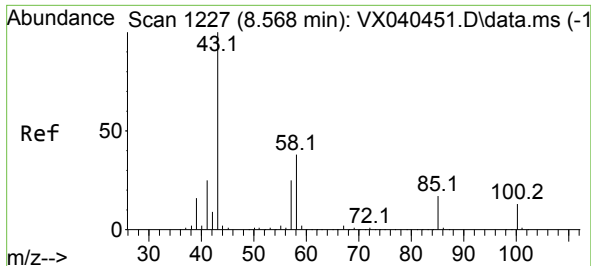
Tgt Ion:117 Resp: 7697
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.682 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040555.D
Acq: 01 Mar 2024 18:17

Tgt Ion: 98 Resp: 153424
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.581 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX040555.D

Acq: 01 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

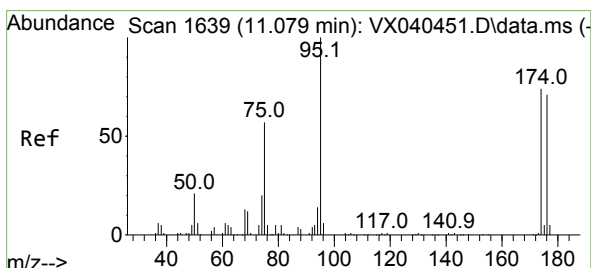
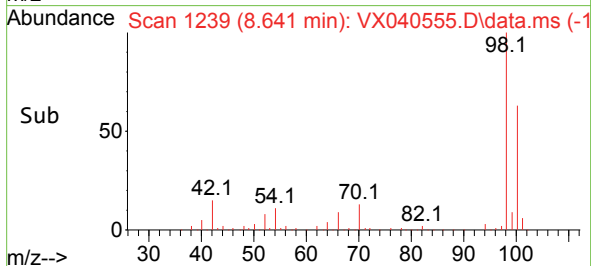
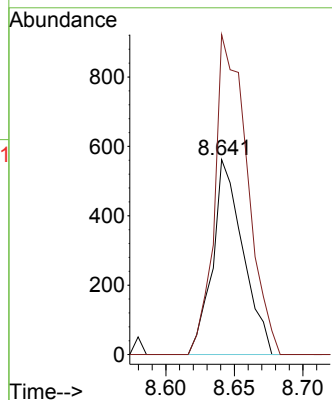
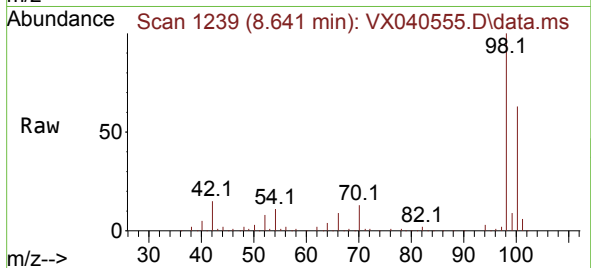
BP-VPB-195-GW-960-962

Tgt Ion: 43 Resp: 864

Ion Ratio Lower Upper

43 100

58 176.5 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 57.696 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040555.D

Acq: 01 Mar 2024 18:17

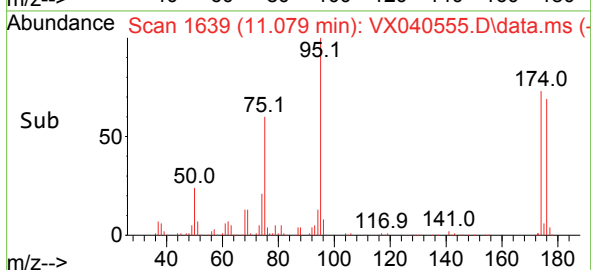
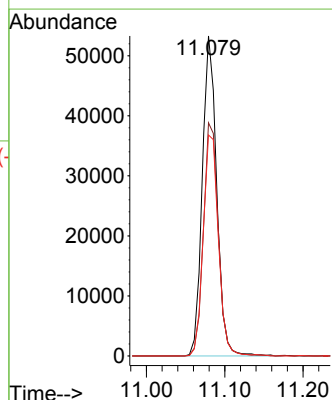
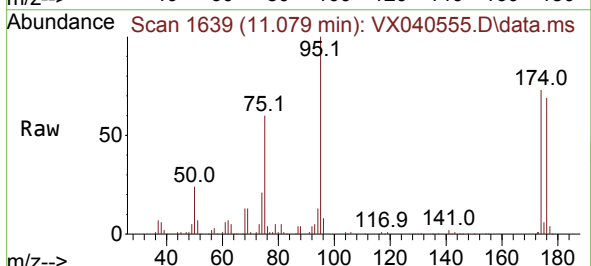
Tgt Ion: 95 Resp: 67917

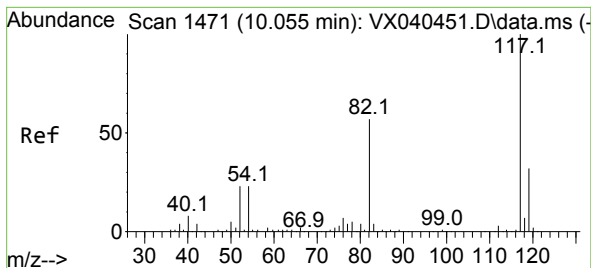
Ion Ratio Lower Upper

95 100

174 75.2 0.0 135.6

176 73.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040555.D

Acq: 01 Mar 2024 18:17

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BP-VPB-195-GW-960-962

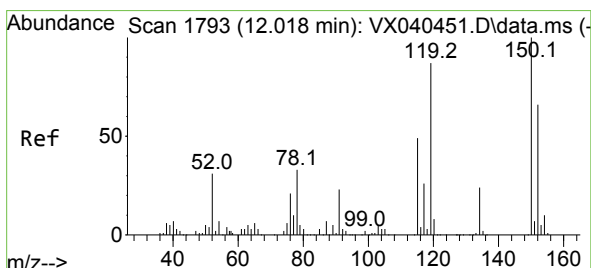
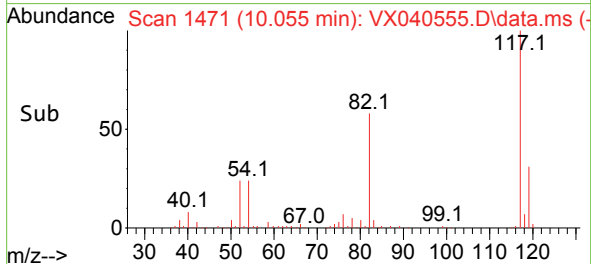
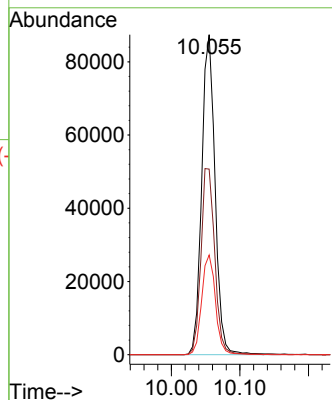
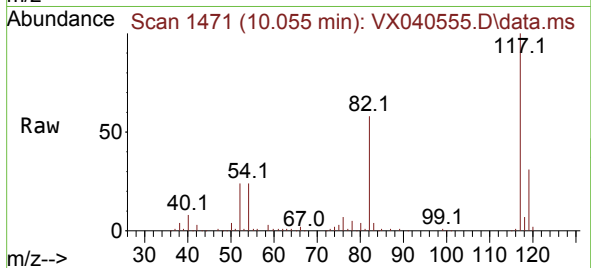
Tgt Ion:117 Resp: 118645

Ion Ratio Lower Upper

117 100

82 58.0 46.2 69.4

119 31.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040555.D

Acq: 01 Mar 2024 18:17

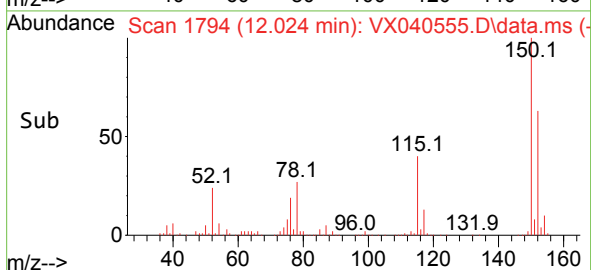
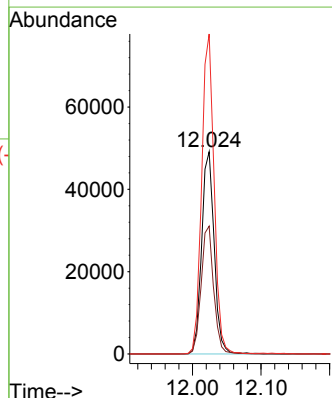
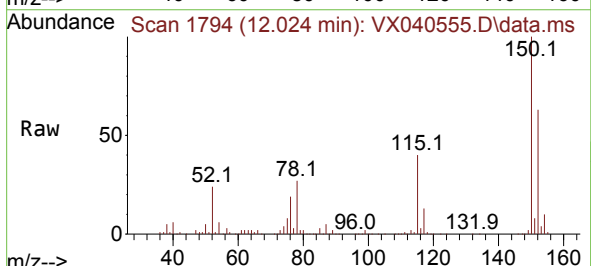
Tgt Ion:152 Resp: 62804

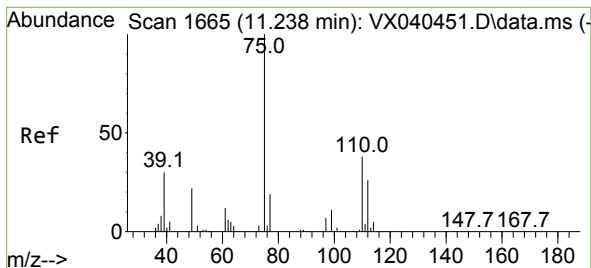
Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.875 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040555.D

Acq: 01 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

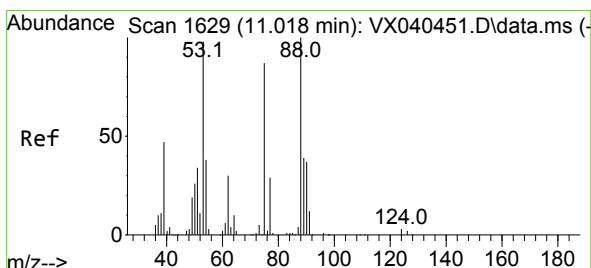
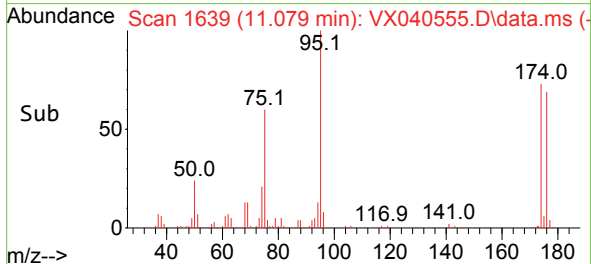
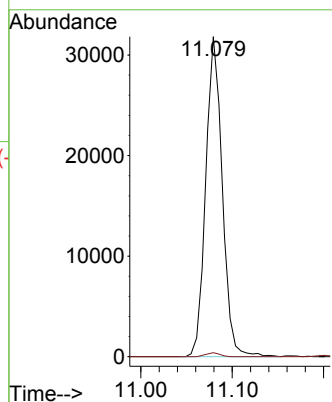
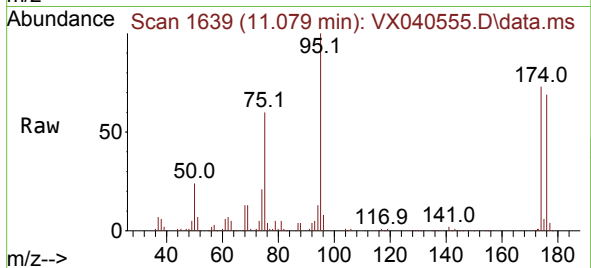
BP-VPB-195-GW-960-962

Tgt Ion: 75 Resp: 39911

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.319 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040555.D

Acq: 01 Mar 2024 18:17

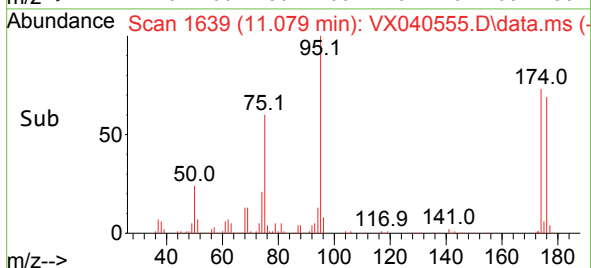
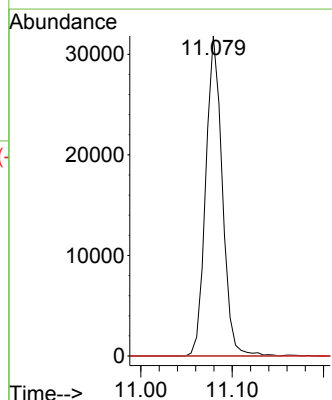
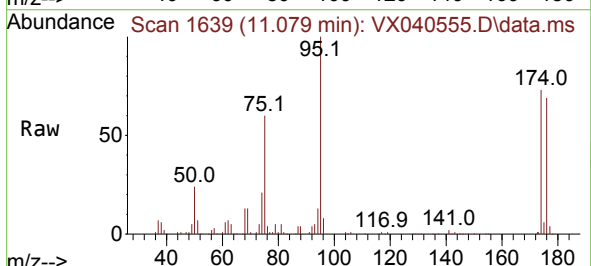
Tgt Ion: 75 Resp: 39911

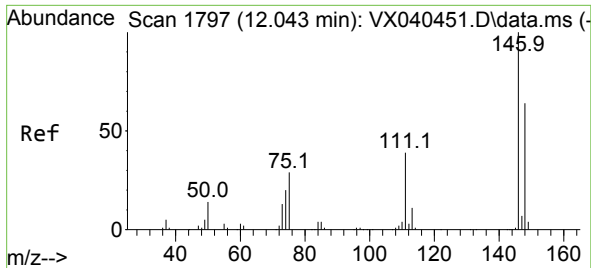
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

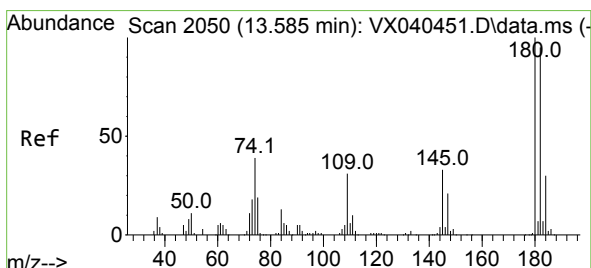
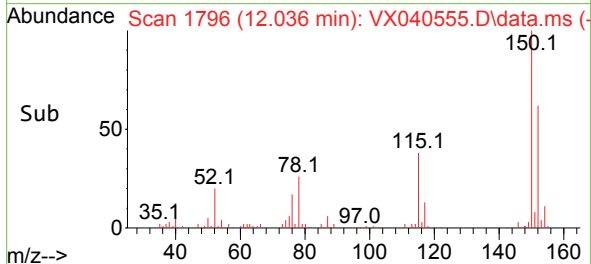
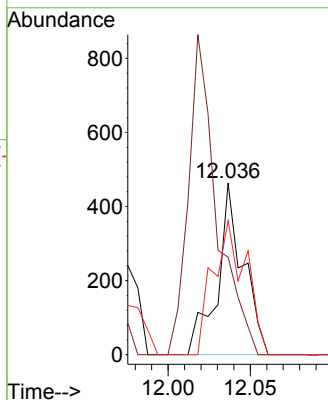
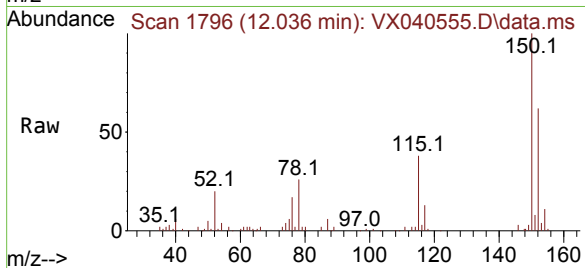




#88
1,4-Dichlorobenzene
Concen: 0.228 ug/l
RT: 12.036 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040555.D
Acq: 01 Mar 2024 18:17

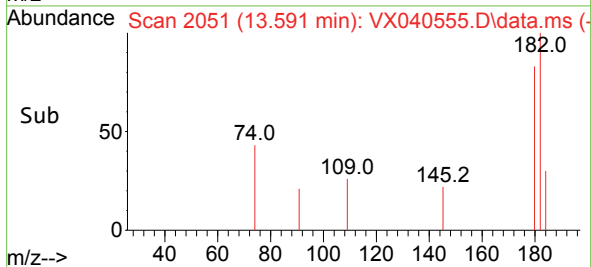
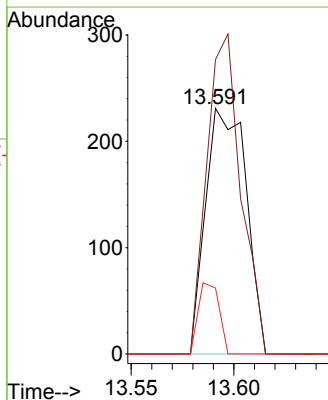
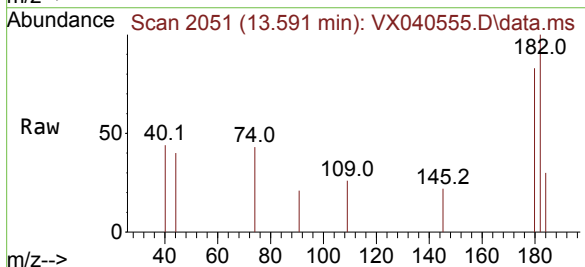
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-960-962

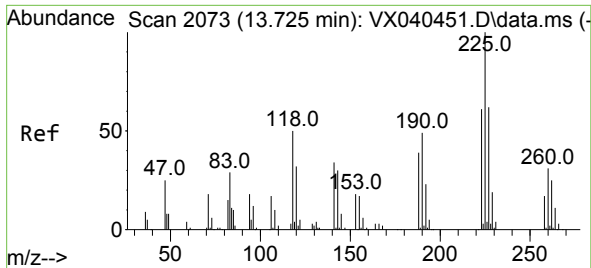
Tgt Ion:146 Resp: 505
Ion Ratio Lower Upper
146 100
111 204.8 21.3 63.7#
148 99.6 31.8 95.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.233 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040555.D
Acq: 01 Mar 2024 18:17

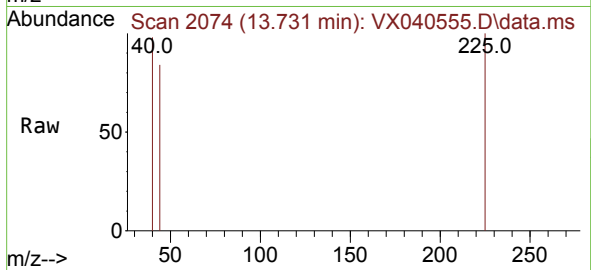
Tgt Ion:180 Resp: 316
Ion Ratio Lower Upper
180 100
182 109.8 48.3 144.8
145 14.9 18.0 54.0#





#94
Hexachlorobutadiene
Concen: 0.229 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX040555.D
Acq: 01 Mar 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-960-962



Tgt Ion:225 Resp: 127
Ion Ratio Lower Upper
225 100
223 18.1 31.1 93.2#
227 0.0 32.5 97.5#

