

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030124\
 Data File : VX040554.D
 Acq On : 01 Mar 2024 17:54
 Operator : JC/MD
 Sample : P1660-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-940-942

Quant Time: Mar 01 23:21:17 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)

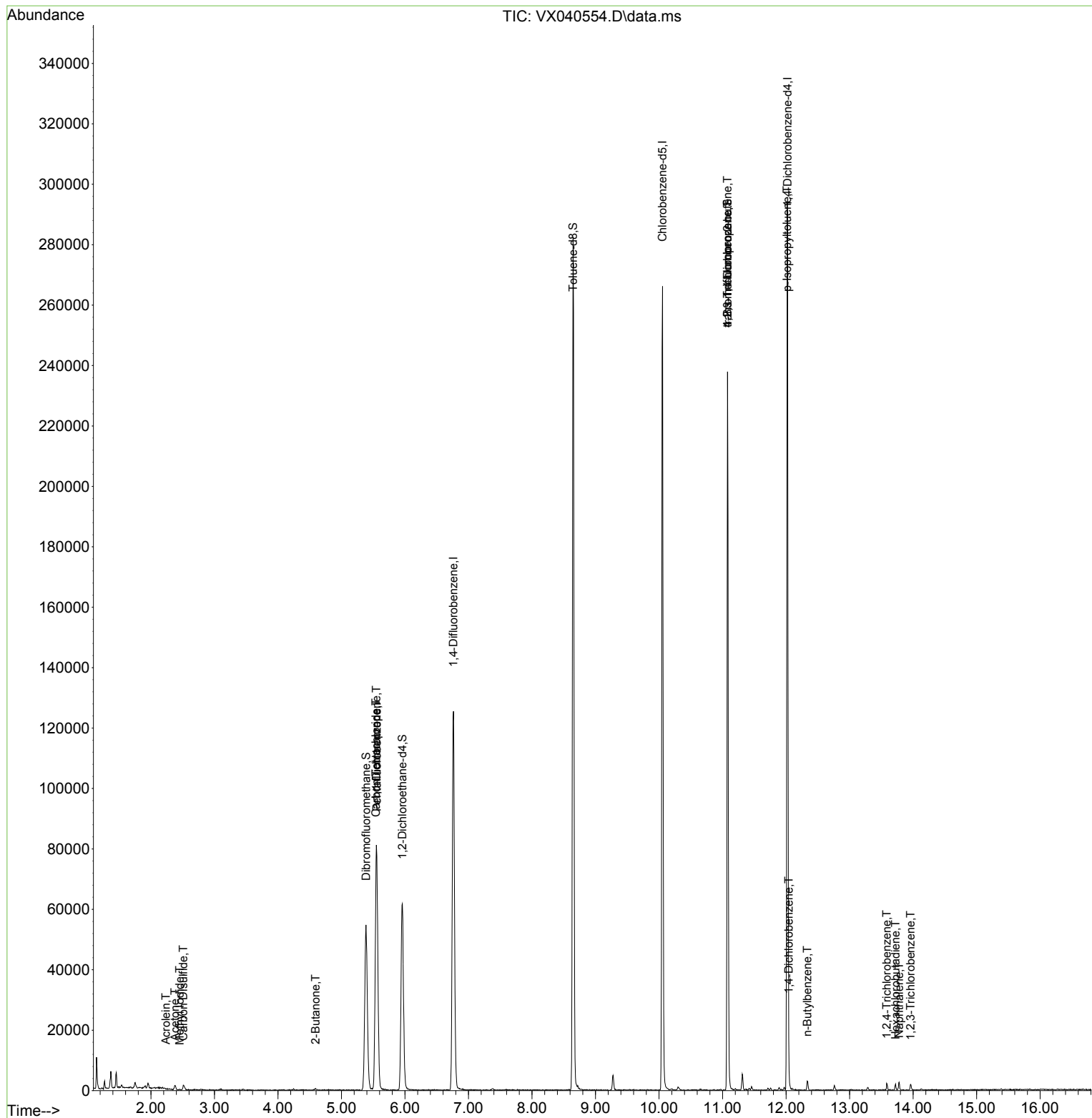
Internal Standards						
1) Pentafluorobenzene	5.556	168	70774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64783	54.727	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.460%		
35) Dibromofluoromethane	5.385	113	45867	54.856	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.720%		
50) Toluene-d8	8.647	98	164429	54.177	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 108.360%		
62) 4-Bromofluorobenzene	11.079	95	57016	49.282	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.560%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	94	3.114	ug/l #	34
13) Acrolein	2.233	56	44	0.345	ug/l #	14
16) Acetone	2.380	43	1646	4.264	ug/l #	84
17) Carbon Disulfide	2.508	76	1709	0.765	ug/l #	89
25) 2-Butanone	4.593	43	255	0.379	ug/l #	51
36) 1,1-Dichloropropene	5.550	75	6487	5.036	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8129	6.532	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	34037	26.829	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34037	77.894	ug/l #	5
86) p-Isopropyltoluene	12.018	119	748	0.203	ug/l #	74
88) 1,4-Dichlorobenzene	12.042	146	725	0.356	ug/l #	18
89) n-Butylbenzene	12.335	91	1197	0.330	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	630	0.506	ug/l	98
94) Hexachlorobutadiene	13.725	225	325	0.639	ug/l	82
95) Naphthalene	13.780	128	1976	0.497	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	637	0.539	ug/l	88

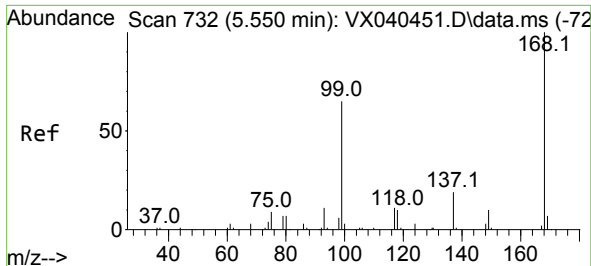
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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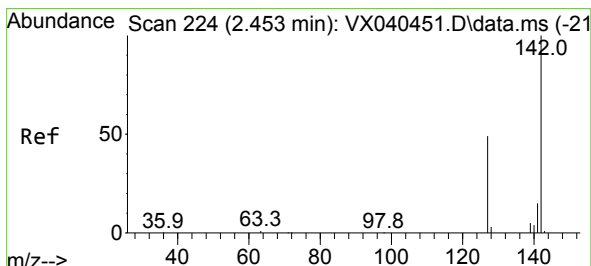
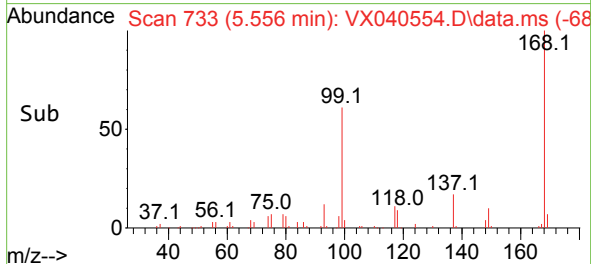
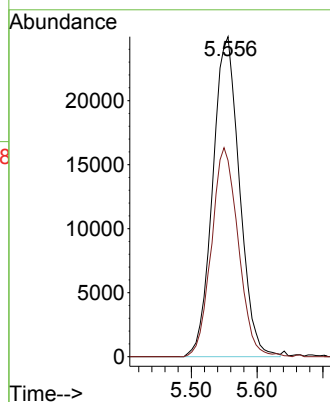
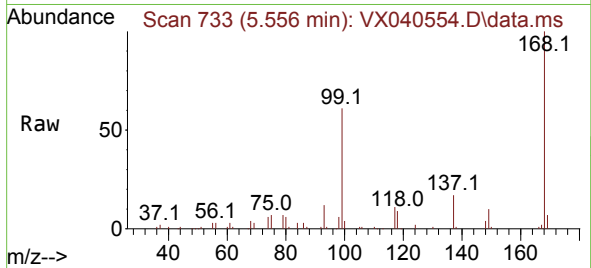




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

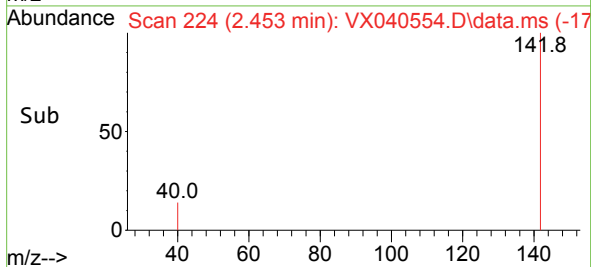
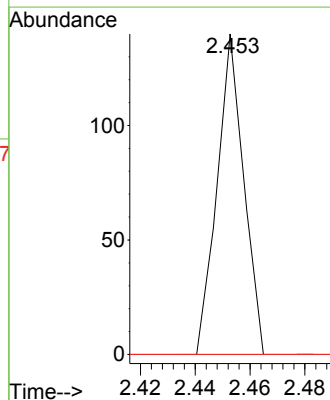
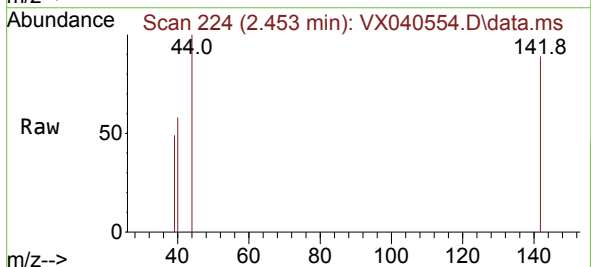
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-940-942

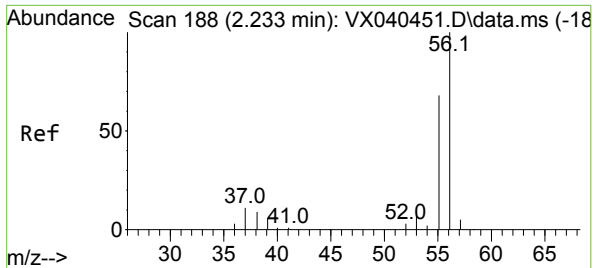
Tgt Ion:168 Resp: 70774
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#10
Methyl Iodide
Concen: 3.114 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

Tgt Ion:142 Resp: 94
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#

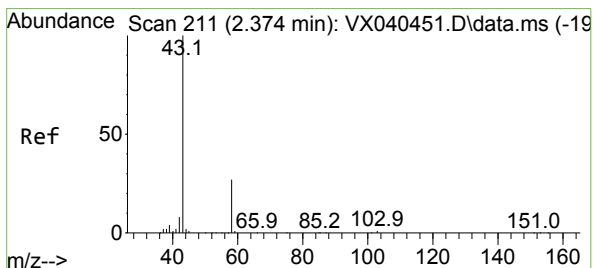
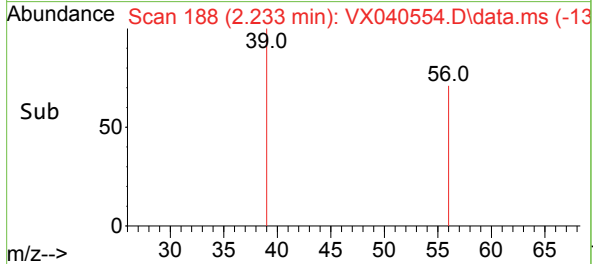
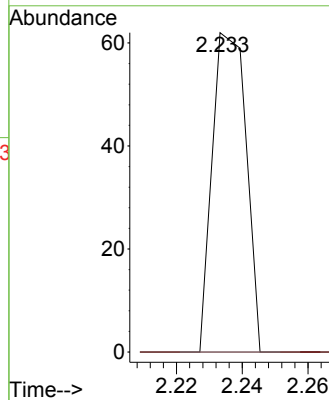
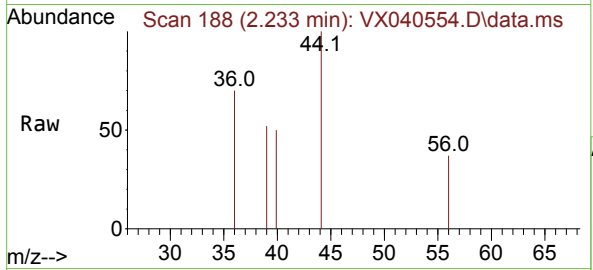




#13
Acrolein
Concen: 0.345 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

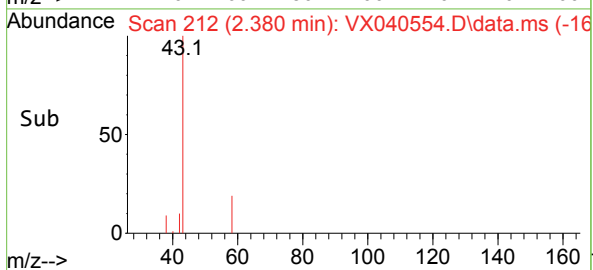
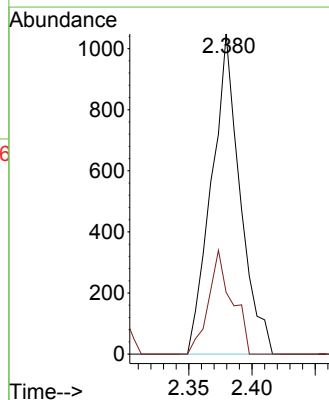
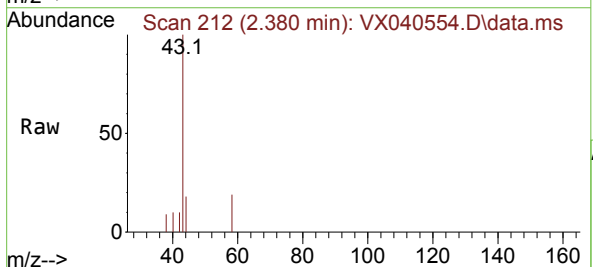
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-940-942

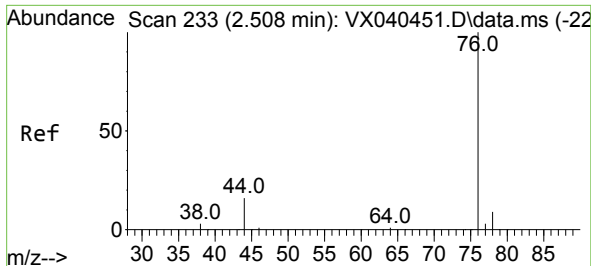
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 4.264 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 19.3 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.765 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040554.D

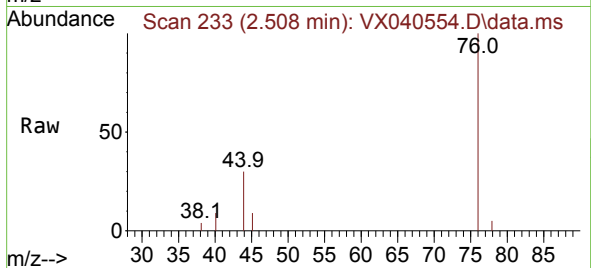
Acq: 01 Mar 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-940-942

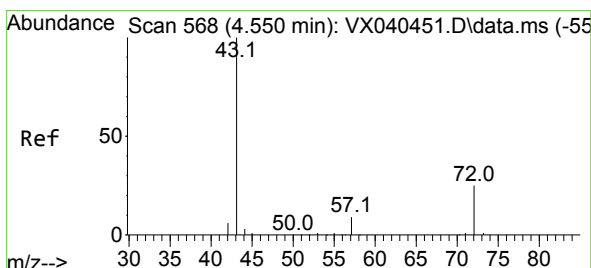
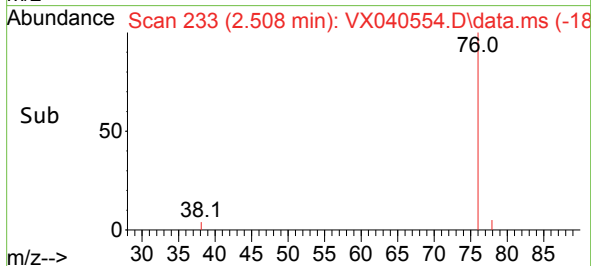
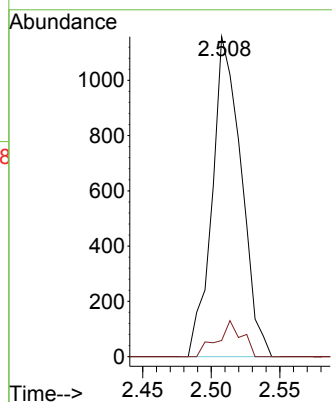


Tgt Ion: 76 Resp: 1709

Ion Ratio Lower Upper

76 100

78 5.0 7.0 10.6#



#25

2-Butanone

Concen: 0.379 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.043 min

Lab File: VX040554.D

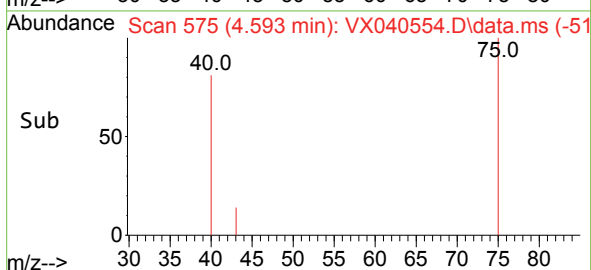
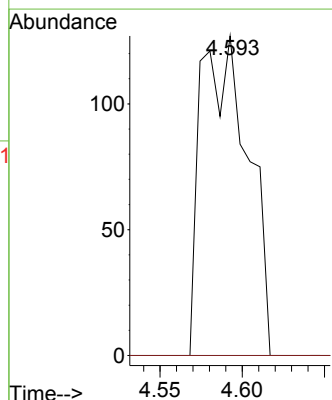
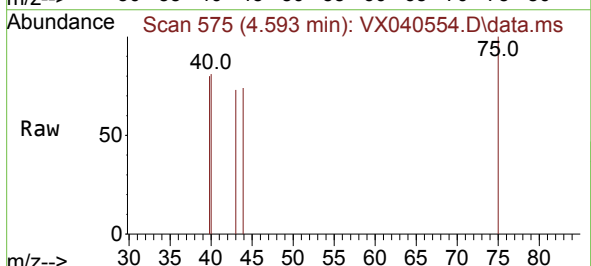
Acq: 01 Mar 2024 17:54

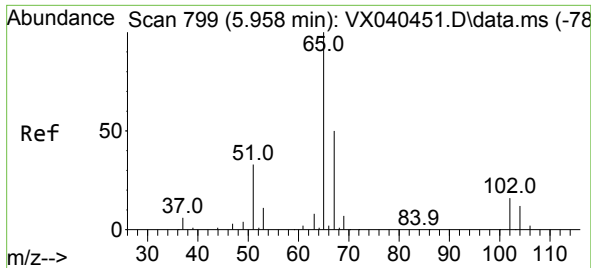
Tgt Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

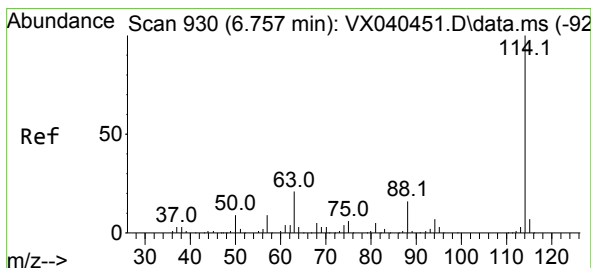
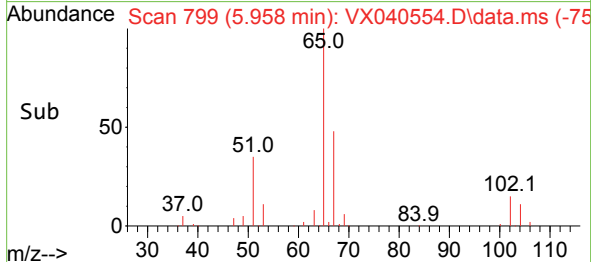
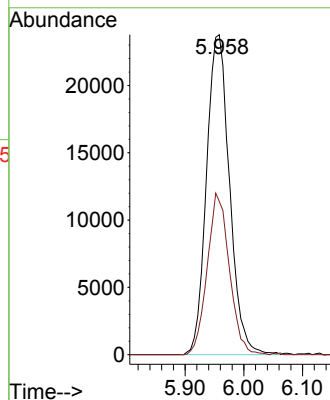
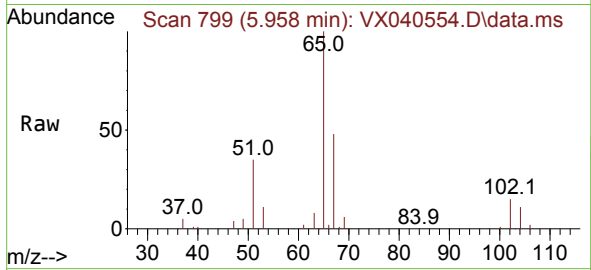




#33
1,2-Dichloroethane-d4
Concen: 54.727 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

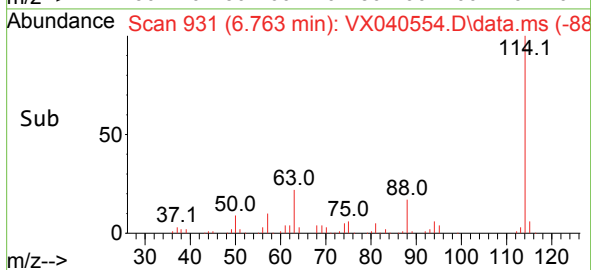
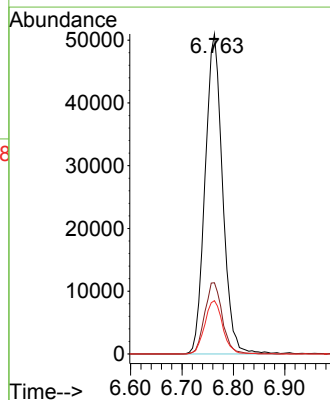
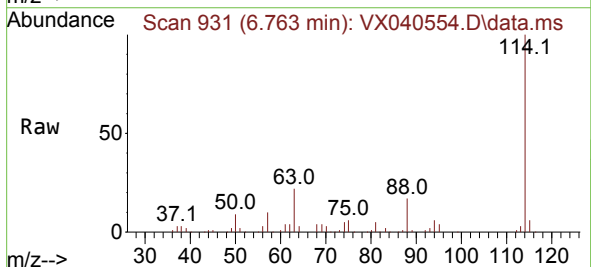
Instrument :
MSVOA_X
ClientSampleId :
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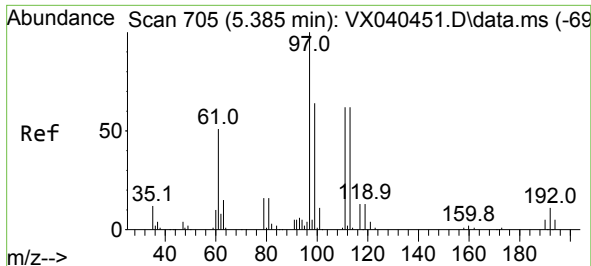
Tgt Ion: 65 Resp: 64783
Ion Ratio Lower Upper
65 100
67 48.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

Tgt Ion:114 Resp: 120238
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.7 0.0 36.6

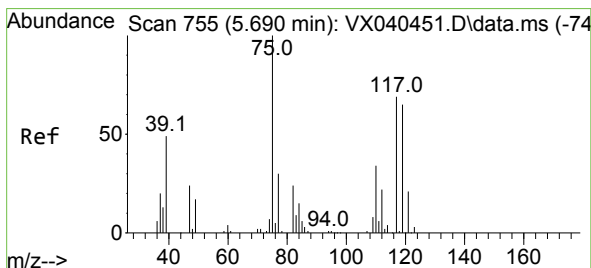
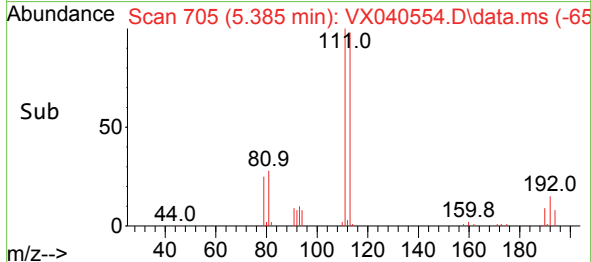
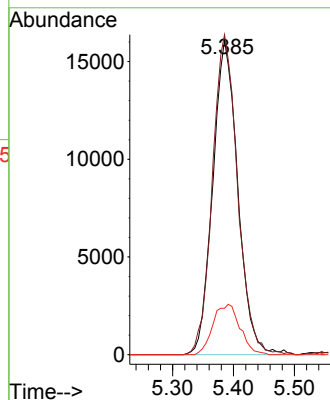
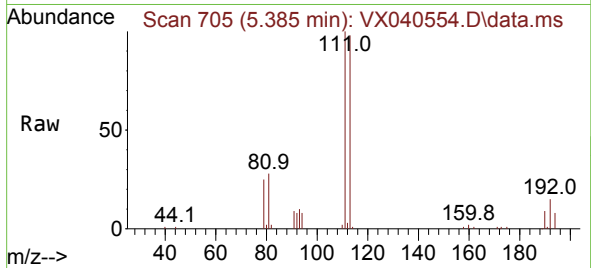




#35
Dibromofluoromethane
Concen: 54.856 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

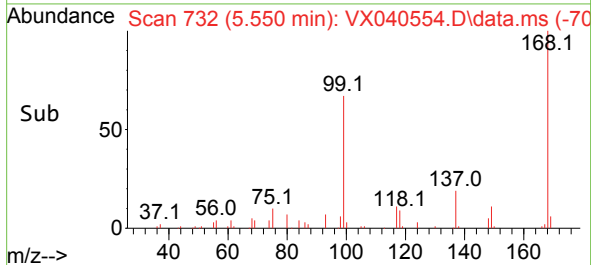
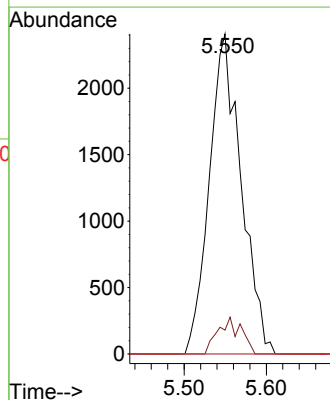
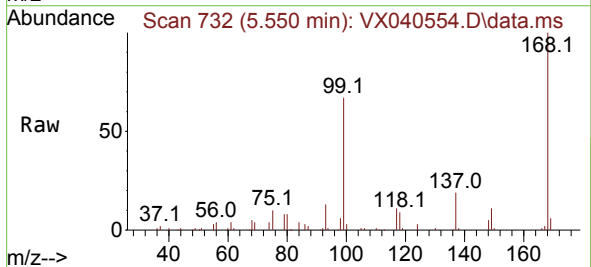
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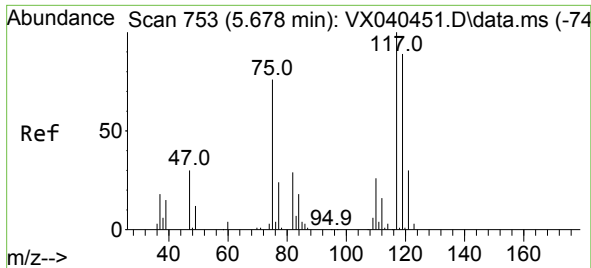
Tgt Ion:113 Resp: 45867
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.036 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

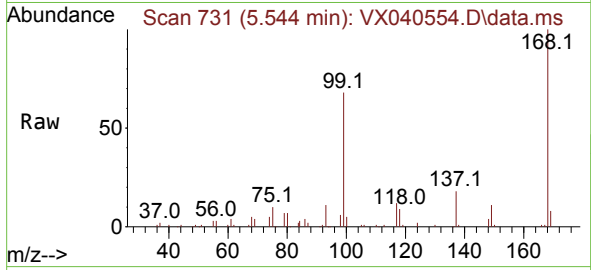
Tgt Ion: 75 Resp: 6487
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



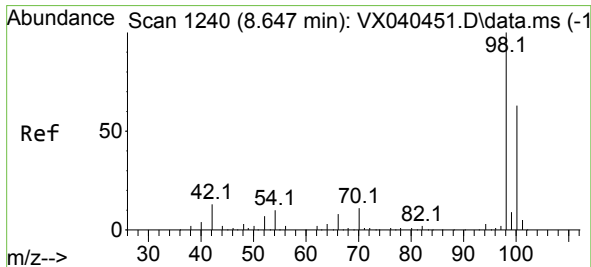
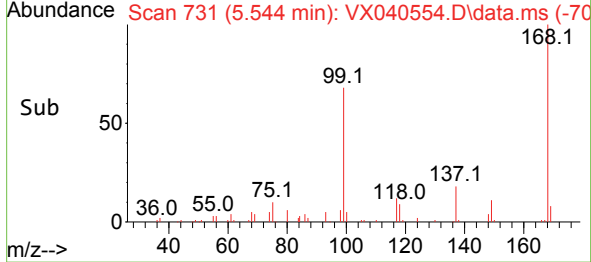
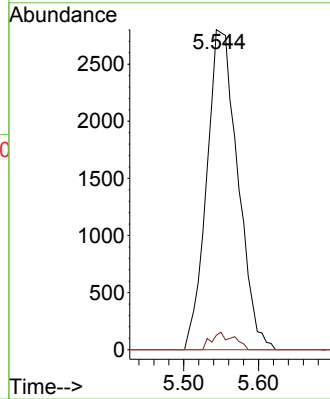


#38
Carbon Tetrachloride
Concen: 6.532 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

Instrument :
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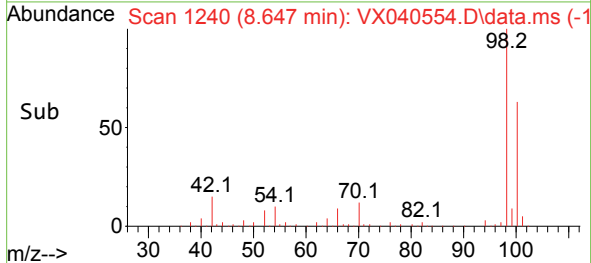
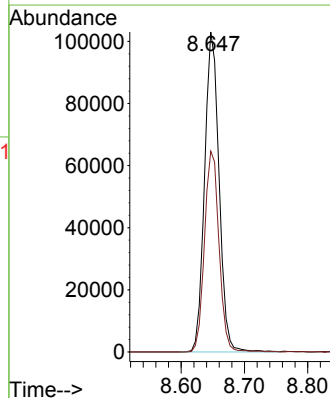
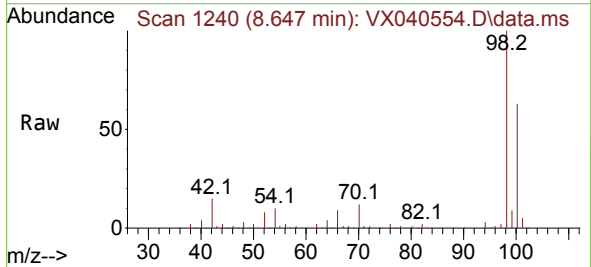


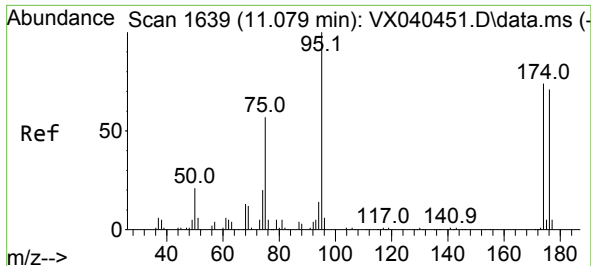
Tgt Ion:117 Resp: 8129
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 54.177 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

Tgt Ion: 98 Resp: 164429
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

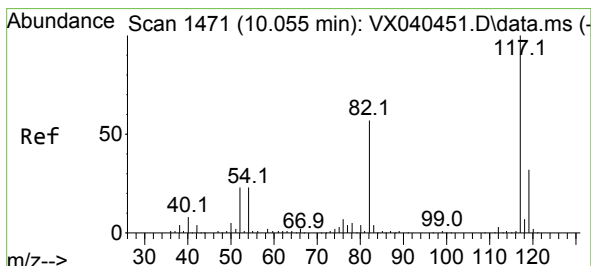
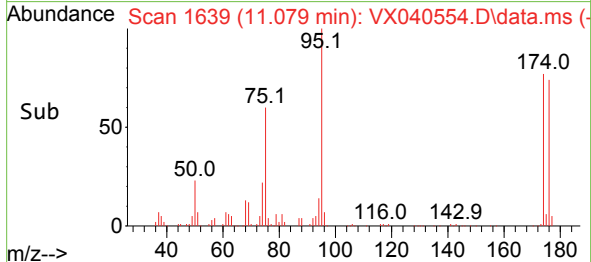
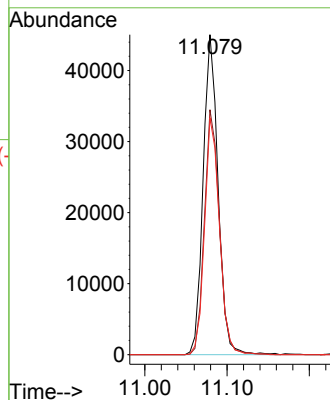
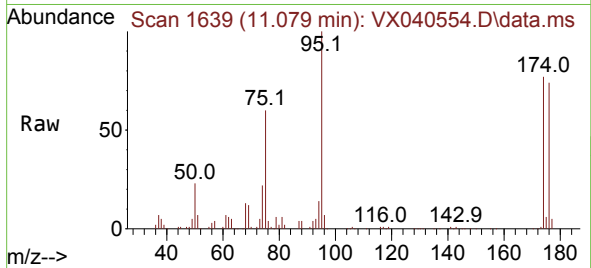




#62
4-Bromofluorobenzene
Concen: 49.282 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

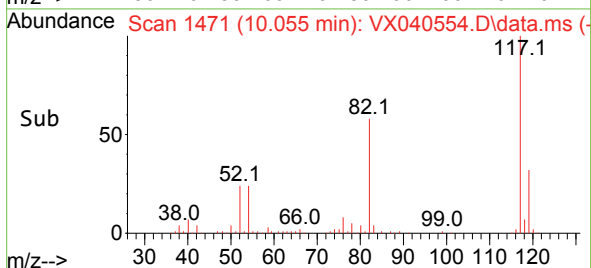
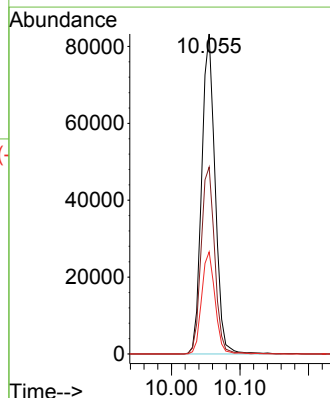
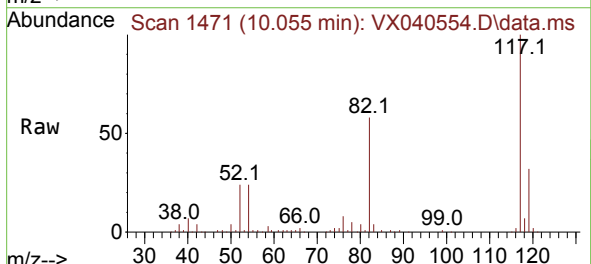
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-940-942

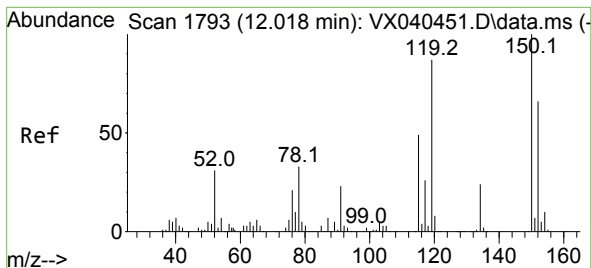
Tgt Ion: 95 Resp: 57016
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 73.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

Tgt Ion: 117 Resp: 113612
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040554.D

Acq: 01 Mar 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-940-942

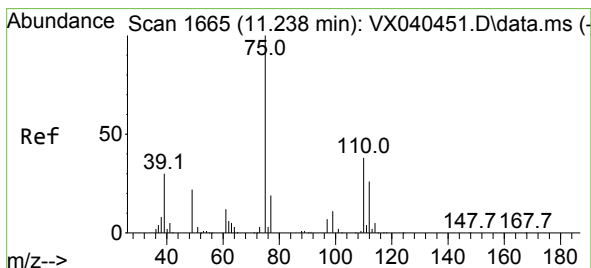
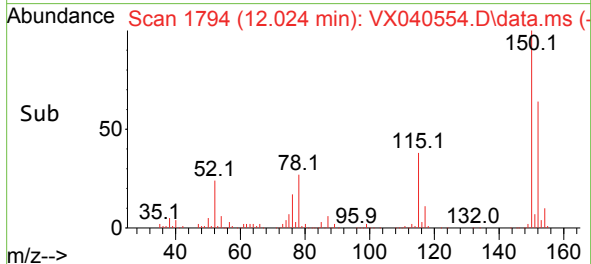
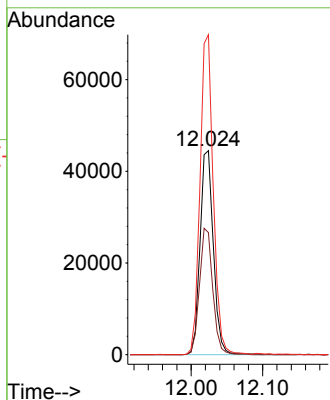
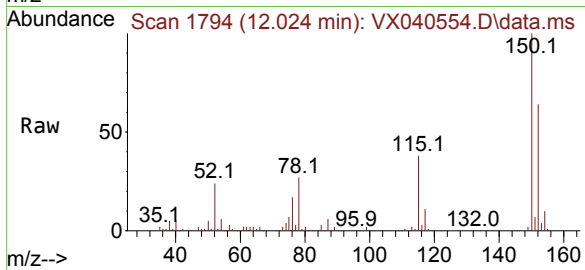
Tgt Ion:152 Resp: 57644

Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 155.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.829 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040554.D

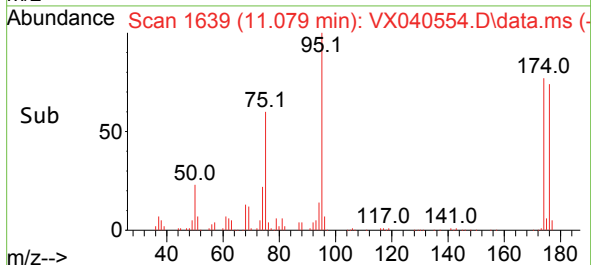
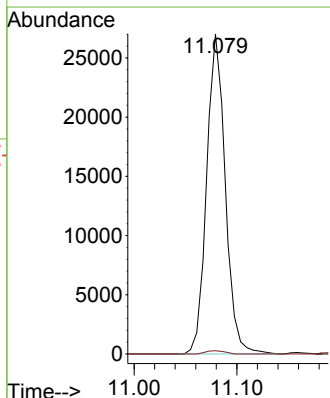
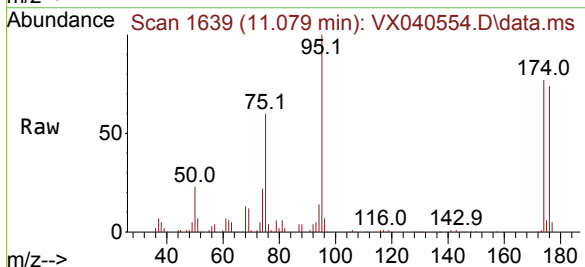
Acq: 01 Mar 2024 17:54

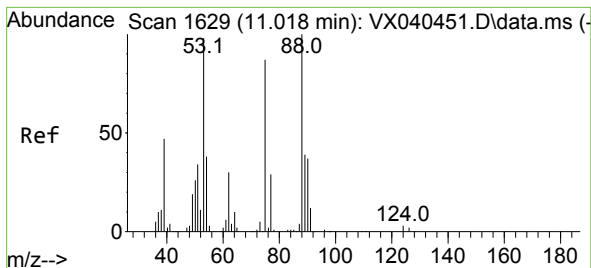
Tgt Ion: 75 Resp: 34037

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

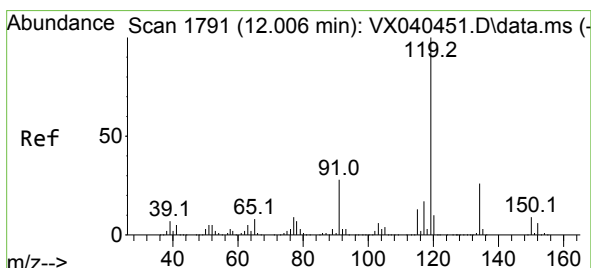
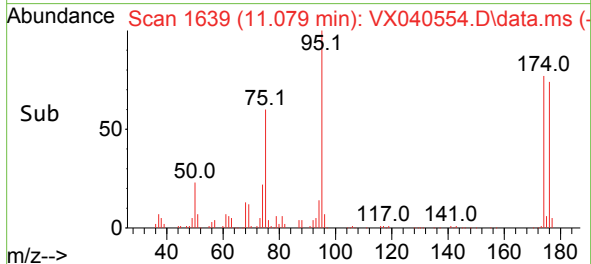
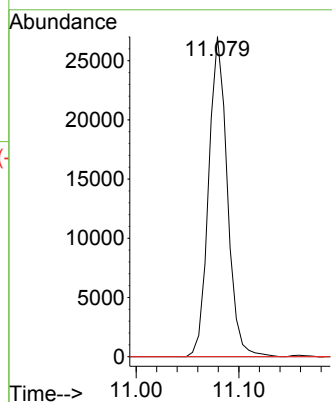
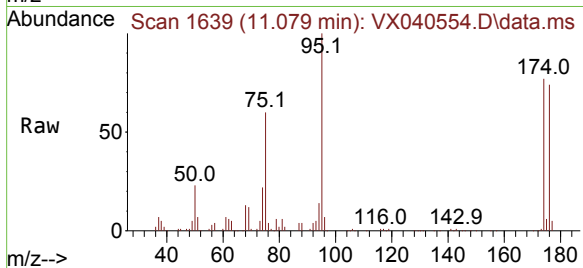




#81
trans-1,4-Dichloro-2-butene
Concen: 77.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

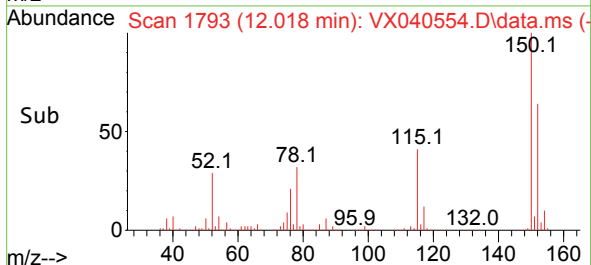
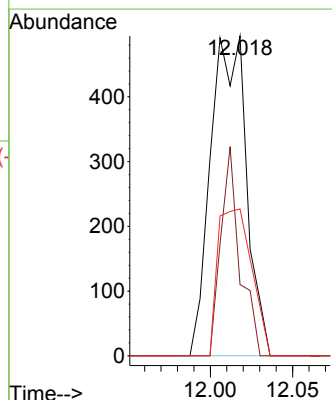
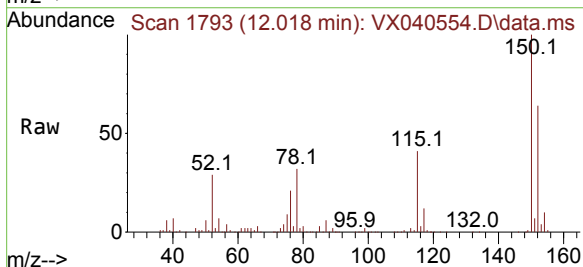
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-940-942

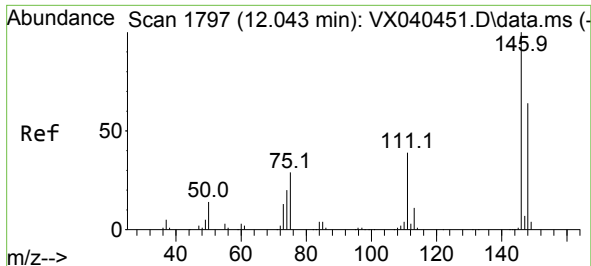
Tgt Ion: 75 Resp: 34037
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#86
p-Isopropyltoluene
Concen: 0.203 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.012 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

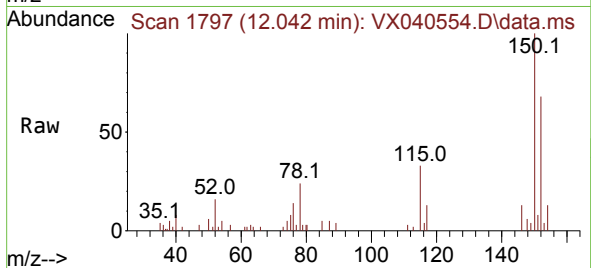
Tgt Ion: 119 Resp: 748
Ion Ratio Lower Upper
119 100
134 34.6 12.8 38.3
91 43.6 13.1 39.3#



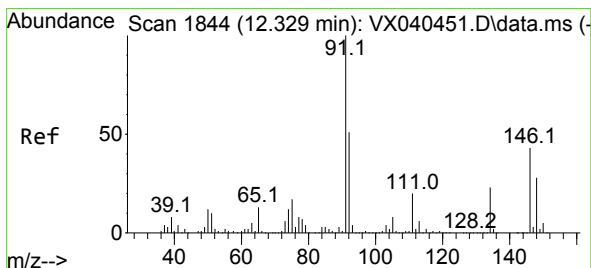
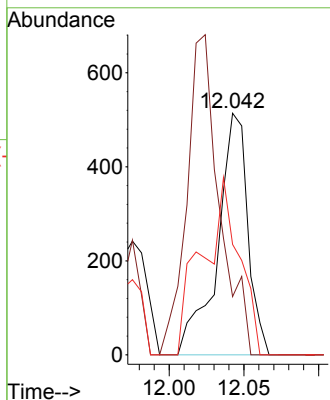
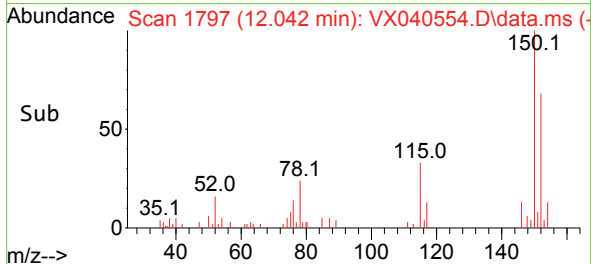


#88
1,4-Dichlorobenzene
Concen: 0.356 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54

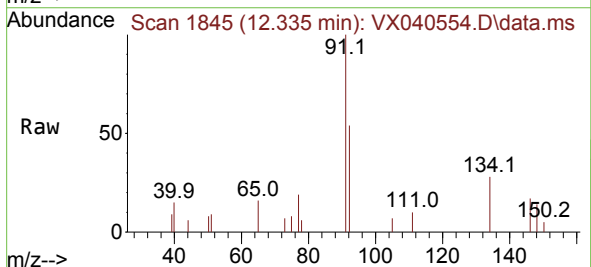
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-940-942



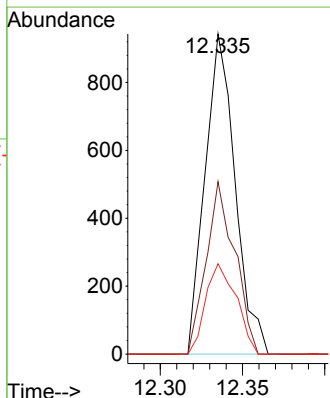
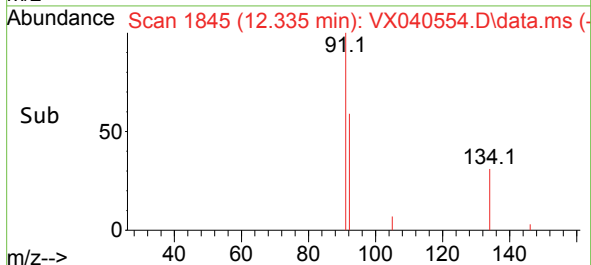
Tgt Ion:146 Resp: 725
Ion Ratio Lower Upper
146 100
111 141.8 21.3 63.7#
148 89.1 31.8 95.4

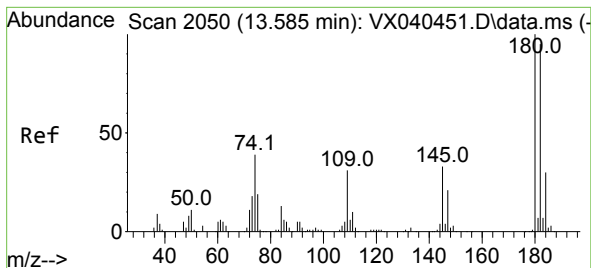


#89
n-Butylbenzene
Concen: 0.330 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040554.D
Acq: 01 Mar 2024 17:54



Tgt Ion: 91 Resp: 1197
Ion Ratio Lower Upper
91 100
92 51.2 27.4 82.0
134 28.7 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.506 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040554.D

Acq: 01 Mar 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-940-942

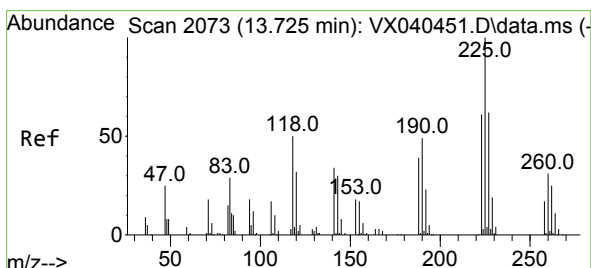
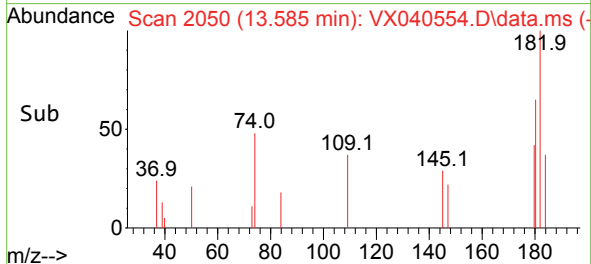
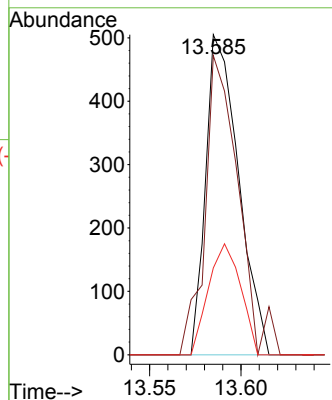
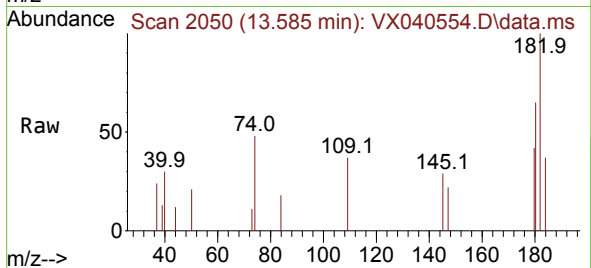
Tgt Ion:180 Resp: 630

Ion Ratio Lower Upper

180 100

182 94.8 48.3 144.8

145 34.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.639 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040554.D

Acq: 01 Mar 2024 17:54

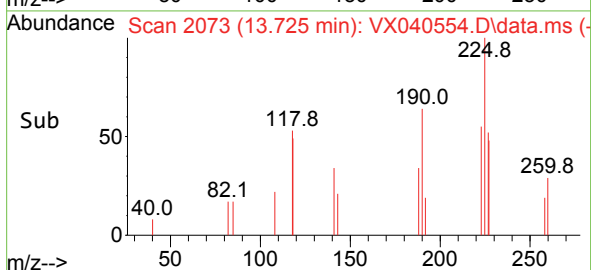
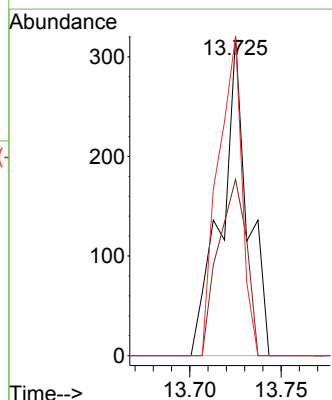
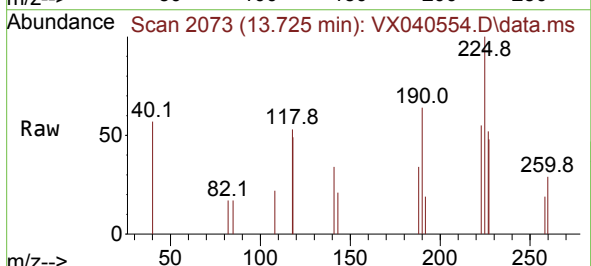
Tgt Ion:225 Resp: 325

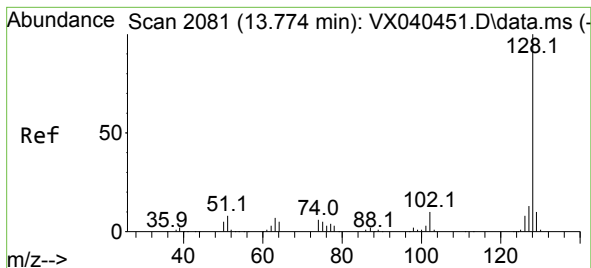
Ion Ratio Lower Upper

225 100

223 58.5 31.1 93.2

227 89.5 32.5 97.5





#95

Naphthalene

Concen: 0.497 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040554.D

Acq: 01 Mar 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-940-942

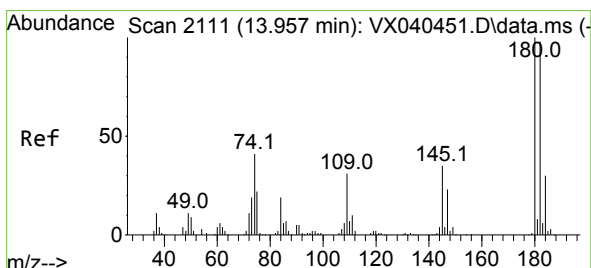
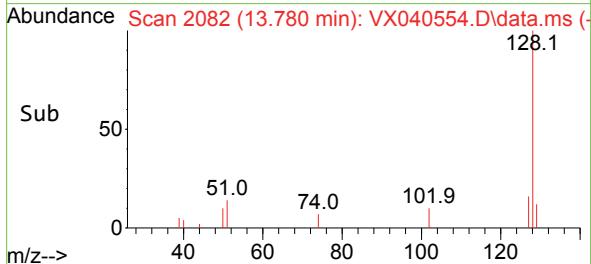
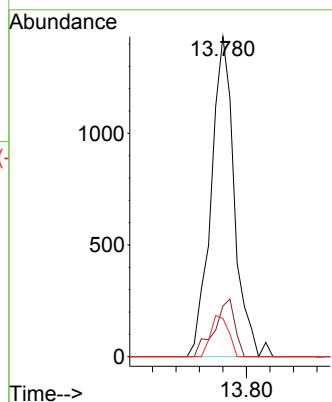
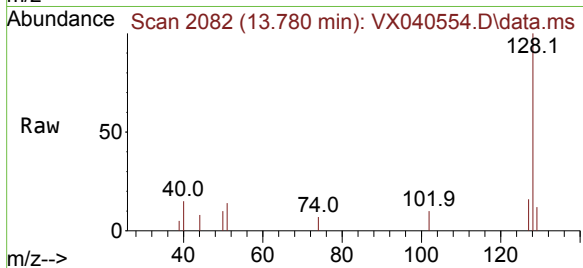
Tgt Ion:128 Resp: 1976

Ion Ratio Lower Upper

128 100

127 15.8 10.3 15.5#

129 9.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.539 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040554.D

Acq: 01 Mar 2024 17:54

Tgt Ion:180 Resp: 637

Ion Ratio Lower Upper

180 100

182 81.2 46.9 140.6

145 30.6 17.8 53.5

