

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039753.D
 Acq On : 15 Jan 2024 14:26
 Operator : JC/MD
 Sample : P1145-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-50-52

Quant Time: Jan 16 01:40:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

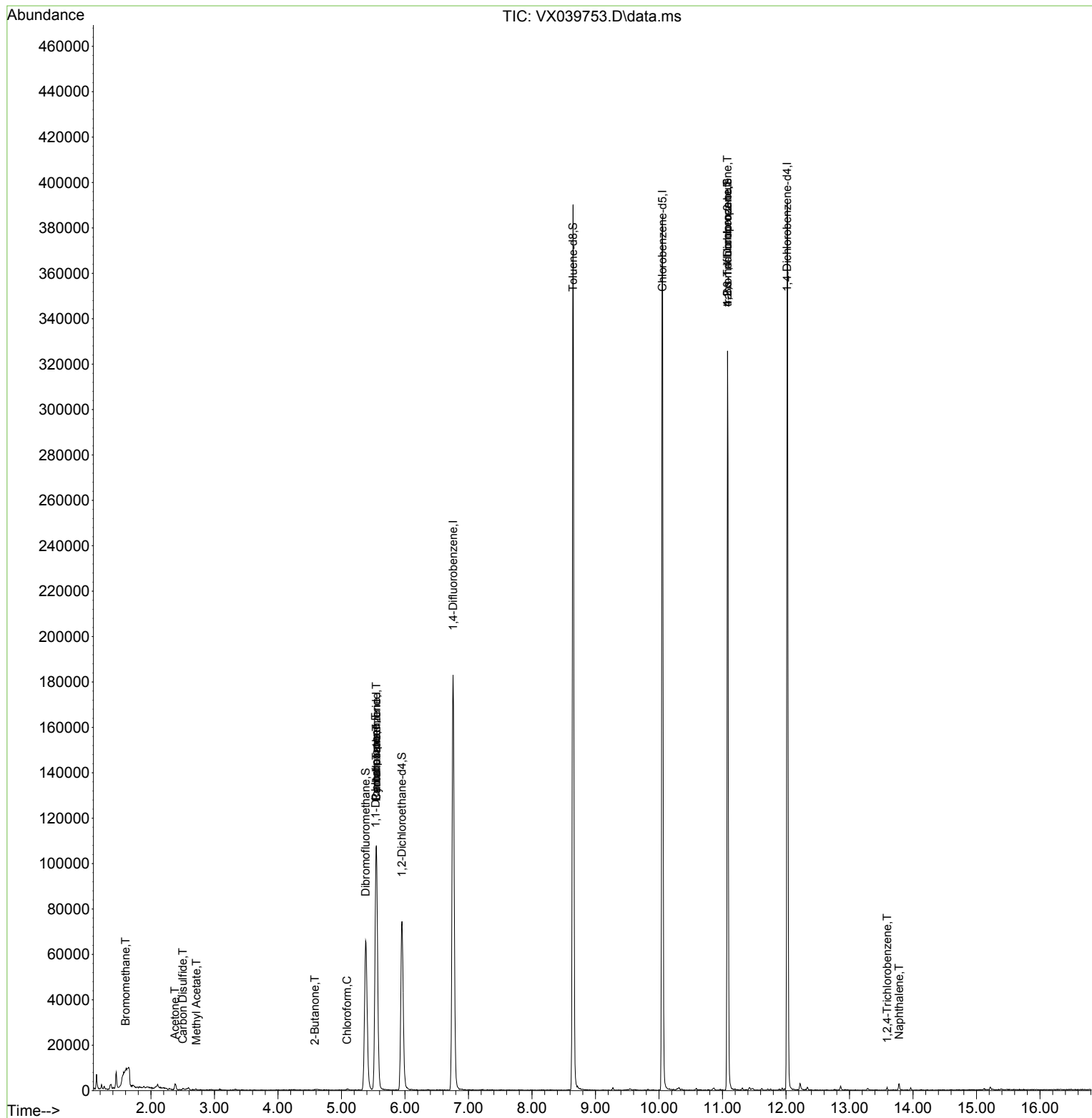
Internal Standards						
1) Pentafluorobenzene	5.550	168	99826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73054	43.687	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.380%		
35) Dibromofluoromethane	5.379	113	57794	47.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.660%		
50) Toluene-d8	8.647	98	223320	48.490	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.079	95	85819	47.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.300%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	463	0.583	ug/l #	79
13) Acrolein	2.246	56	150	Below Cal	#	70
16) Acetone	2.380	43	2675	2.844	ug/l #	83
17) Carbon Disulfide	2.502	76	872	0.253	ug/l #	76
18) Methyl Acetate	2.715	43	408	0.207	ug/l	91
25) 2-Butanone	4.581	43	272	0.201	ug/l #	51
30) Chloroform	5.087	83	590	0.241	ug/l	94
31) Cyclohexane	5.550	56	2785	1.262	ug/l #	26
36) 1,1-Dichloropropene	5.538	75	8518	4.482	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11001	6.319	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	46443	23.580	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	46443	67.899	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	388	0.249	ug/l #	64
95) Naphthalene	13.780	128	2268	0.395	ug/l	97

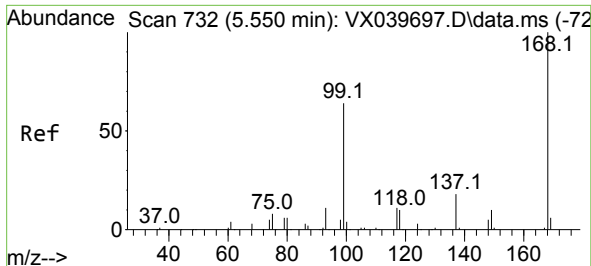
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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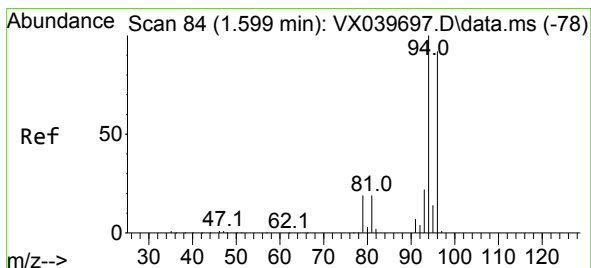
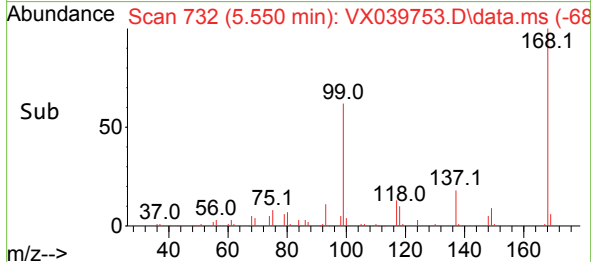
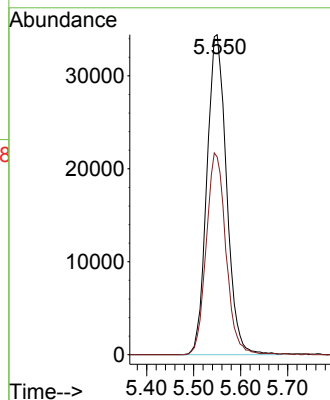
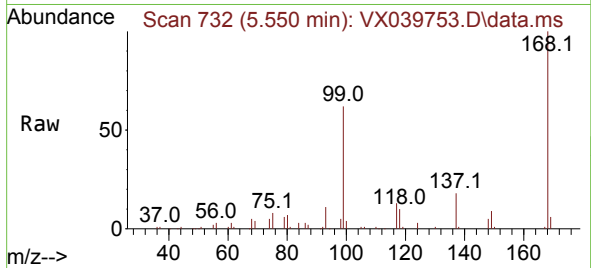




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

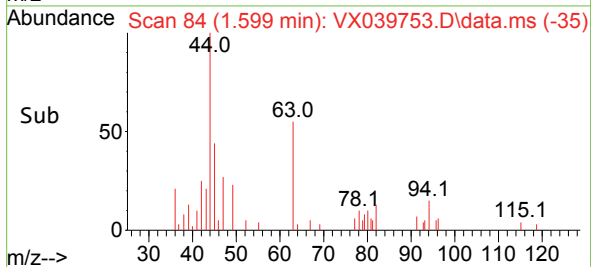
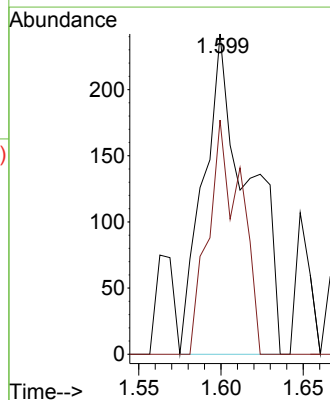
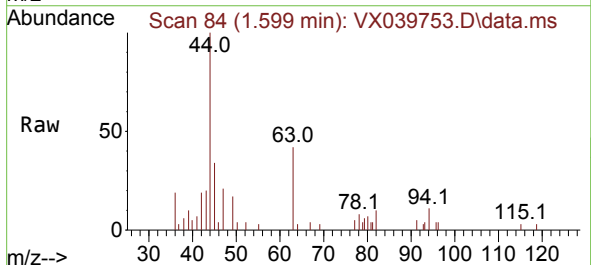
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-50-52

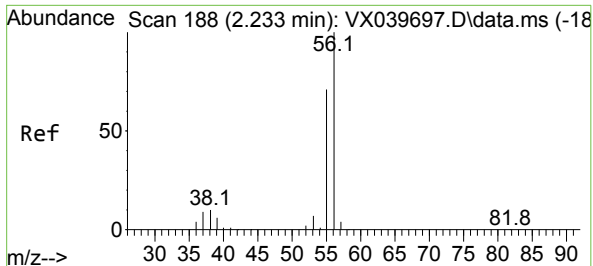
Tgt Ion:168 Resp: 99826
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#5
Bromomethane
Concen: 0.583 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

Tgt Ion: 94 Resp: 463
Ion Ratio Lower Upper
94 100
96 73.1 74.6 111.8#

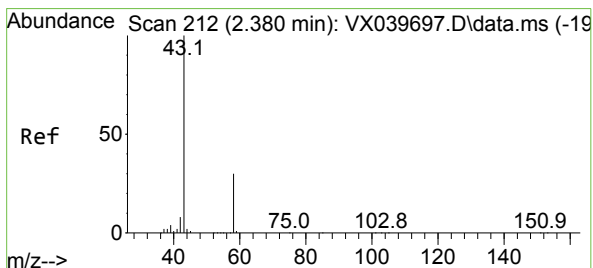
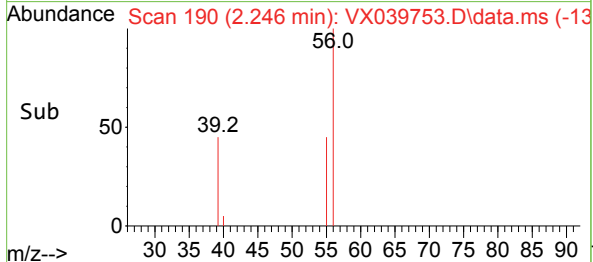
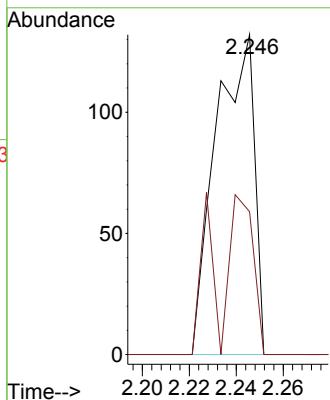
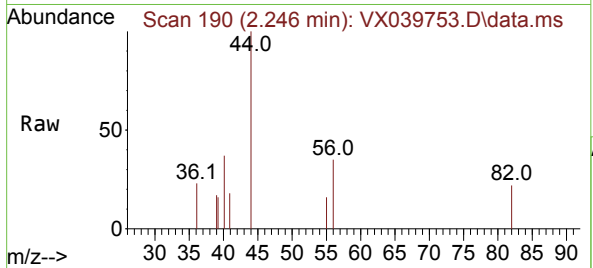




#13
Acrolein
Concen: Below Cal
RT: 2.246 min Scan# 190
Delta R.T. 0.013 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

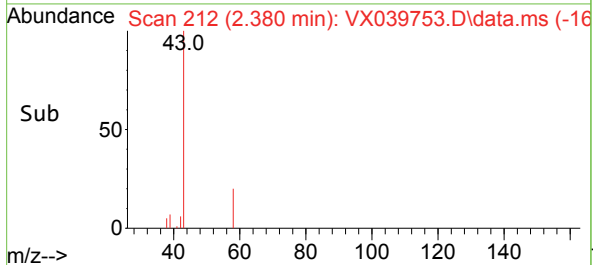
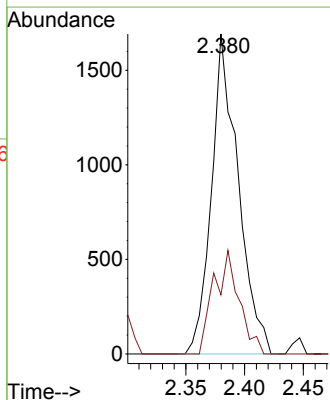
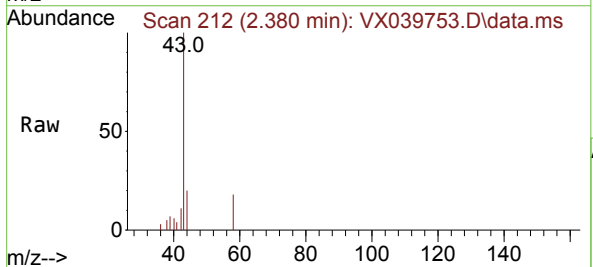
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-50-52

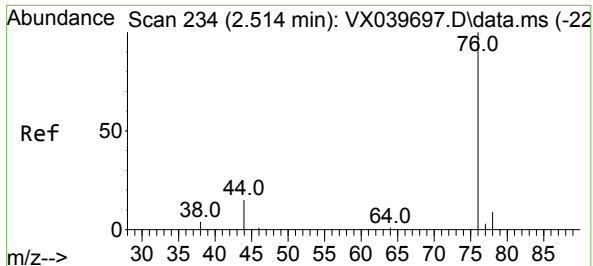
Tgt Ion: 56 Resp: 150
Ion Ratio Lower Upper
56 100
55 46.7 57.1 85.7#



#16
Acetone
Concen: 2.844 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

Tgt Ion: 43 Resp: 2675
Ion Ratio Lower Upper
43 100
58 18.4 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.253 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX039753.D

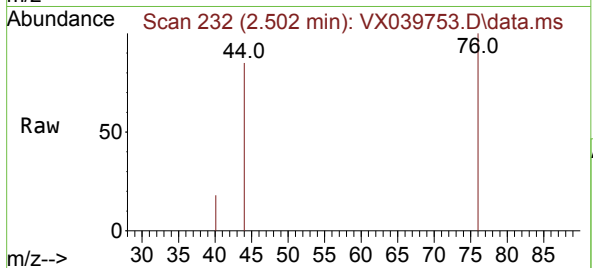
Acq: 15 Jan 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-50-52

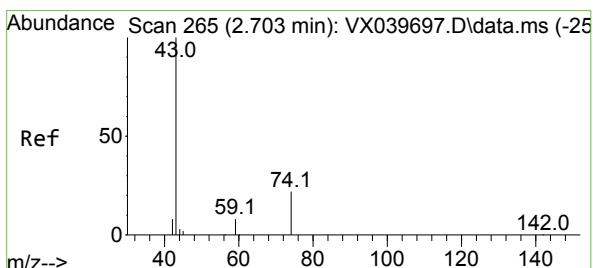
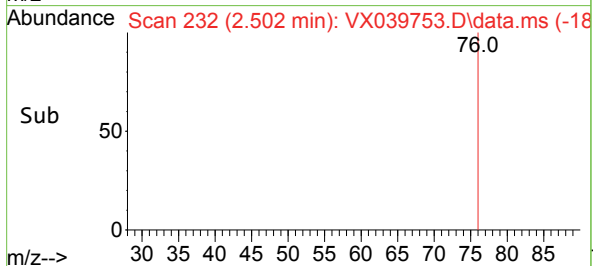
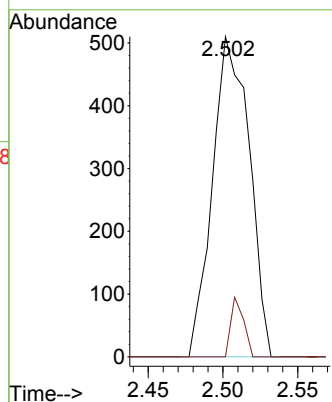


Tgt Ion: 76 Resp: 872

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.207 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.012 min

Lab File: VX039753.D

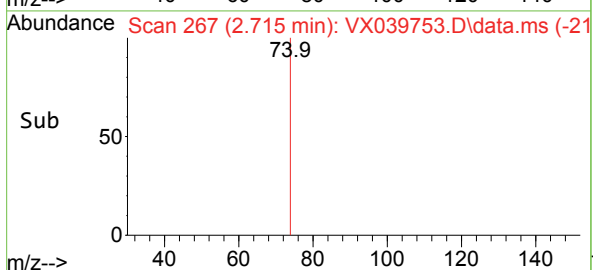
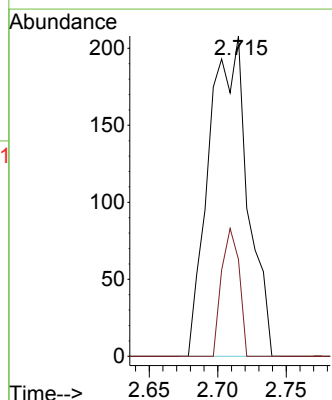
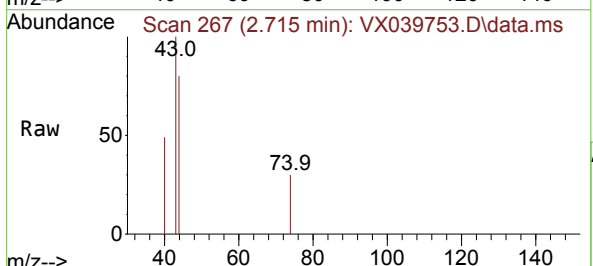
Acq: 15 Jan 2024 14:26

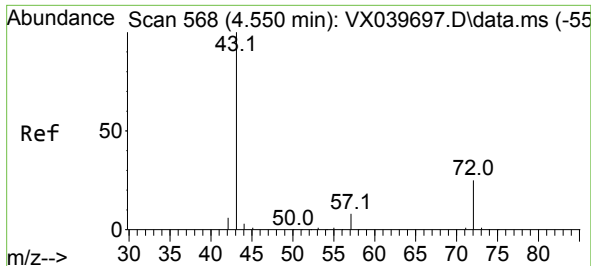
Tgt Ion: 43 Resp: 408

Ion Ratio Lower Upper

43 100

74 18.1 17.8 26.8





#25

2-Butanone

Concen: 0.201 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX039753.D

Acq: 15 Jan 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

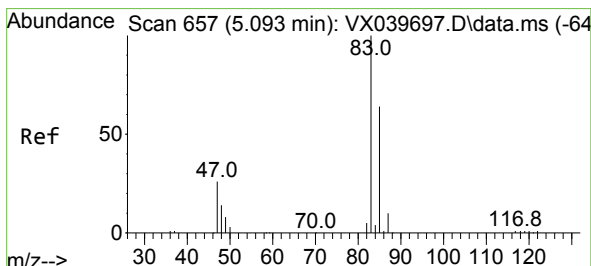
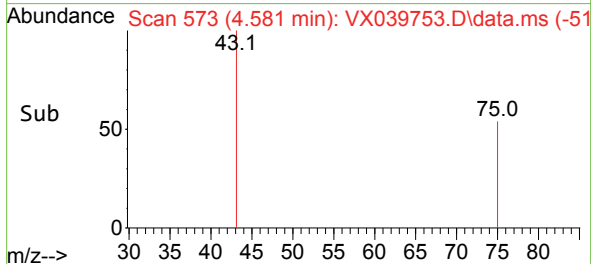
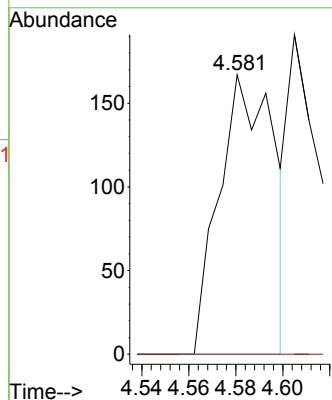
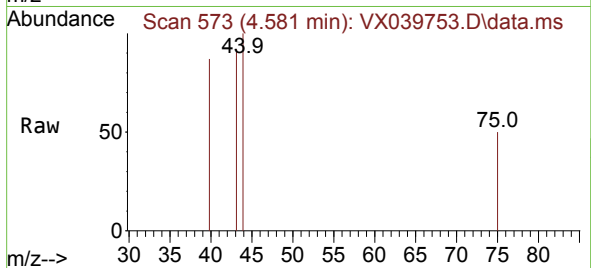
BP-VPB-195-GW-50-52

Tgt Ion: 43 Resp: 272

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#30

Chloroform

Concen: 0.241 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039753.D

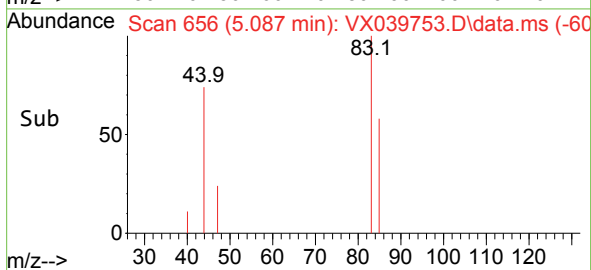
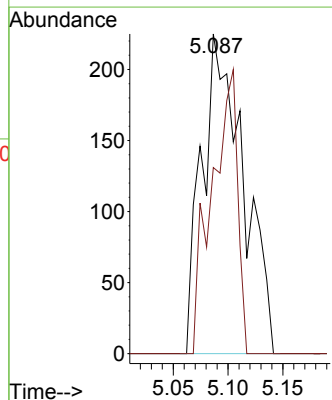
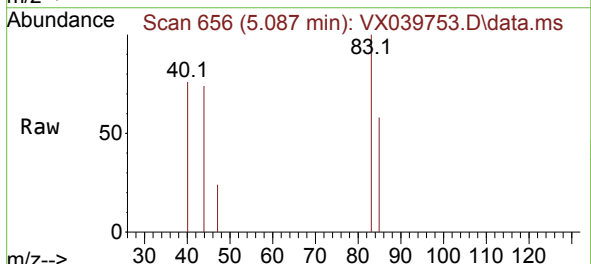
Acq: 15 Jan 2024 14:26

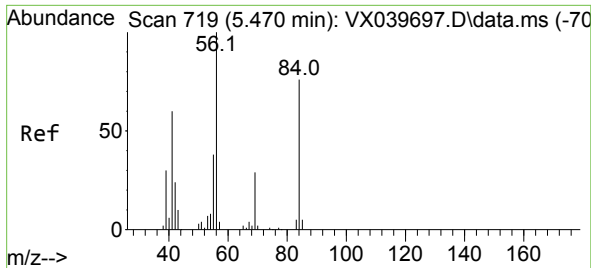
Tgt Ion: 83 Resp: 590

Ion Ratio Lower Upper

83 100

85 58.2 50.3 75.5

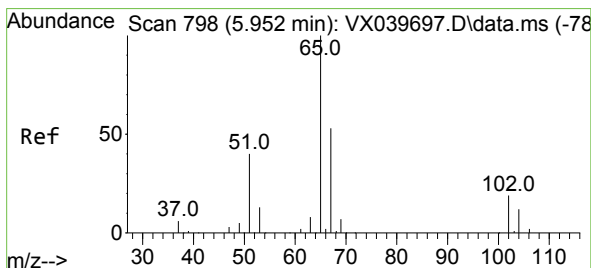
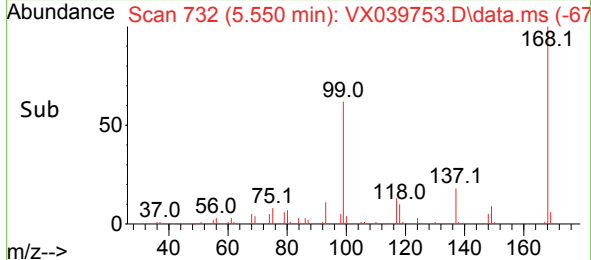
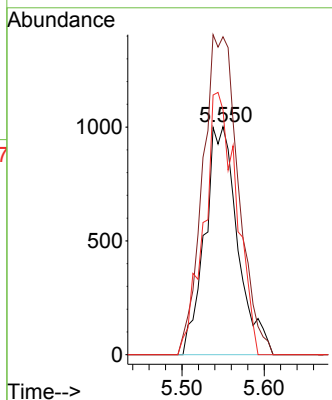
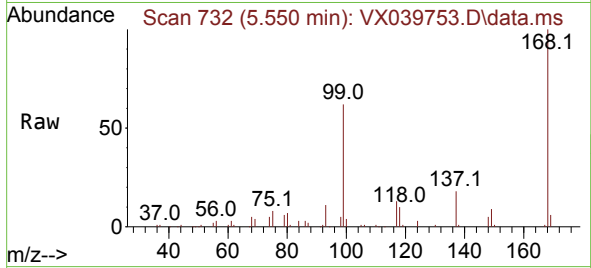




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

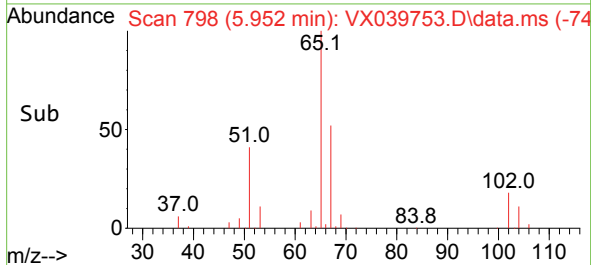
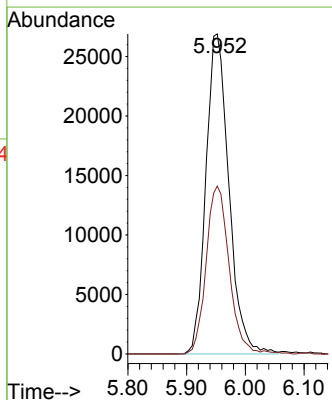
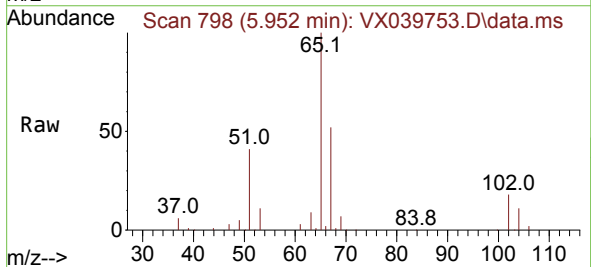
Instrument :
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ClientSampleId :
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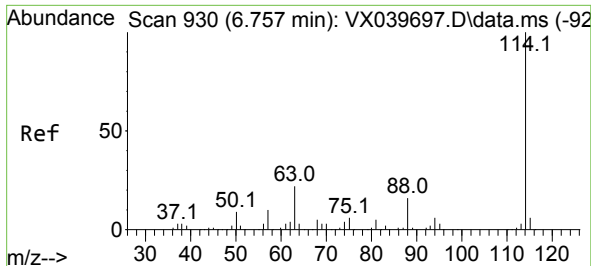
Tgt Ion: 56 Resp: 2785
Ion Ratio Lower Upper
56 100
69 139.4 23.4 35.2#
84 107.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.687 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

Tgt Ion: 65 Resp: 73054
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

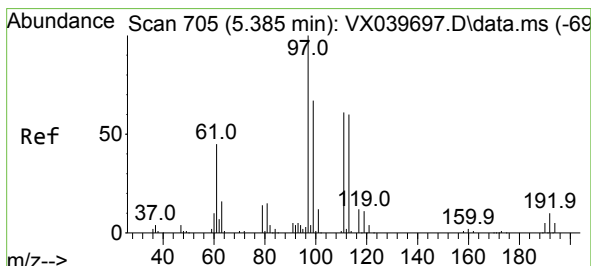
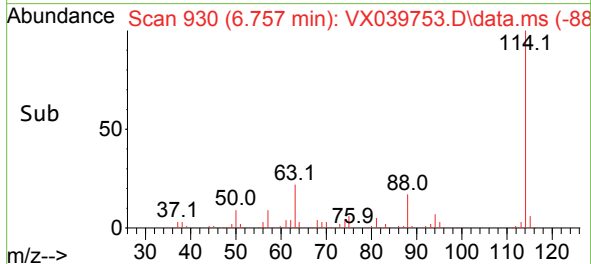
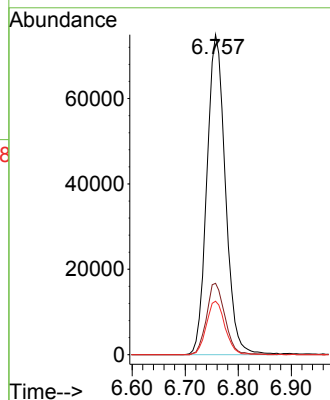
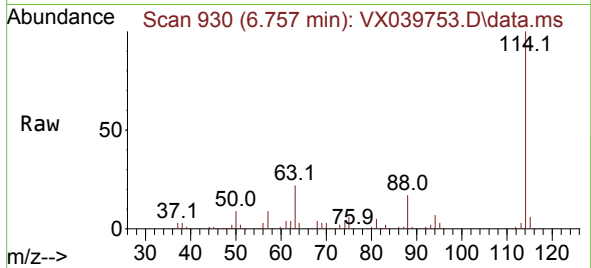




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

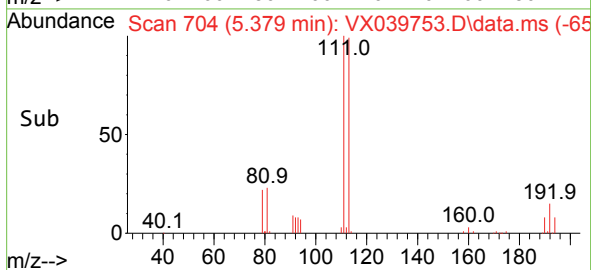
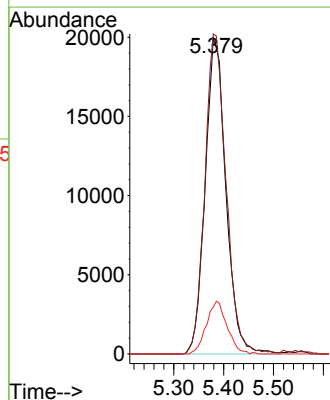
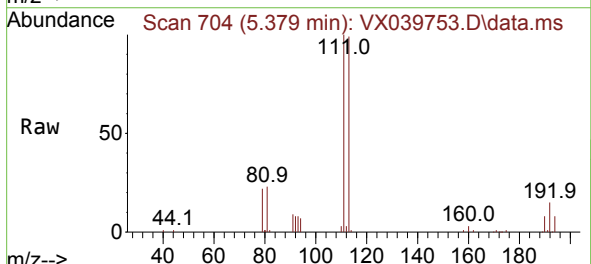
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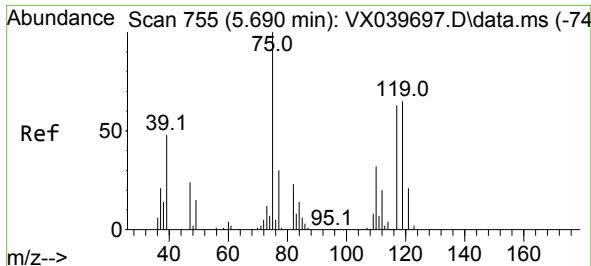
Tgt Ion:114 Resp: 181295
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.329 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

Tgt Ion:113 Resp: 57794
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.6 13.3 19.9

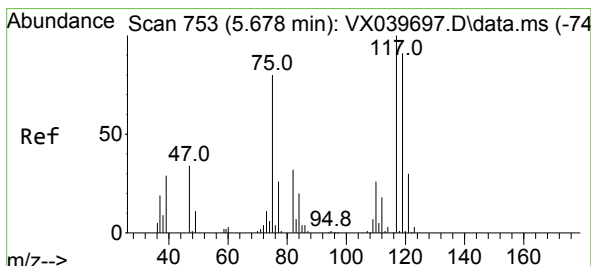
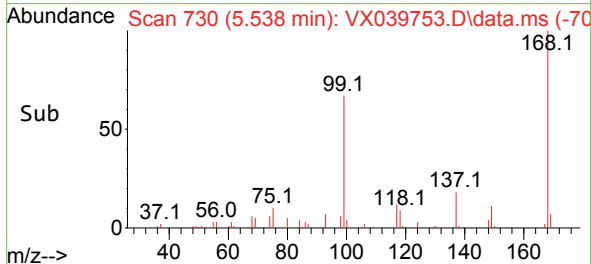
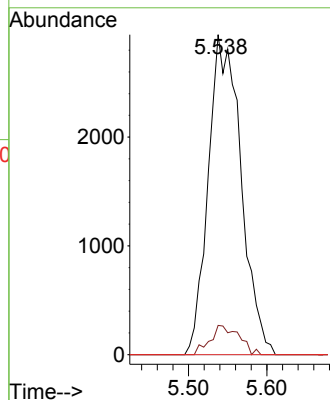
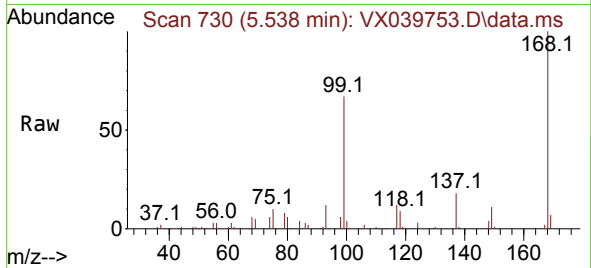




#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 5.538 min Scan# 712
Delta R.T. -0.152 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

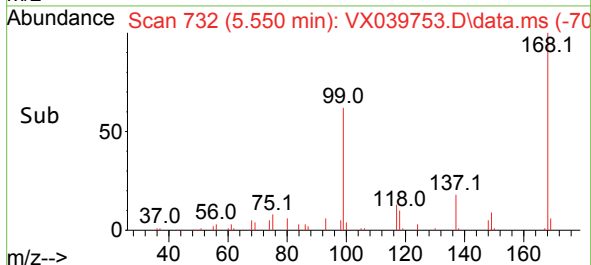
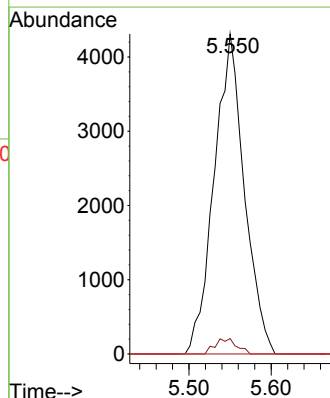
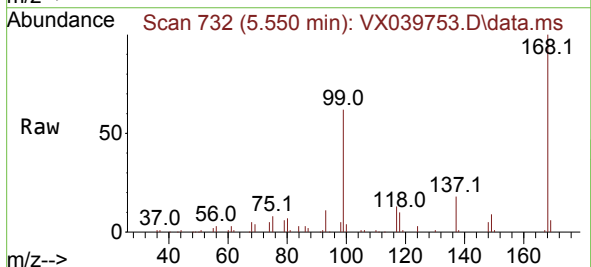
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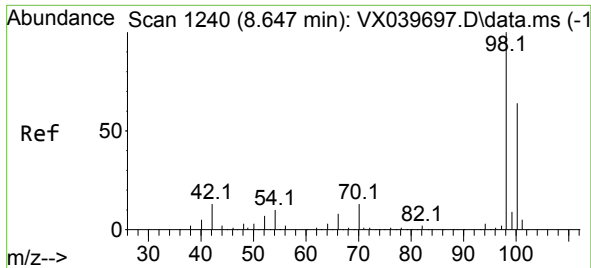
Tgt Ion: 75 Resp: 8518
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

Tgt Ion: 117 Resp: 11001
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

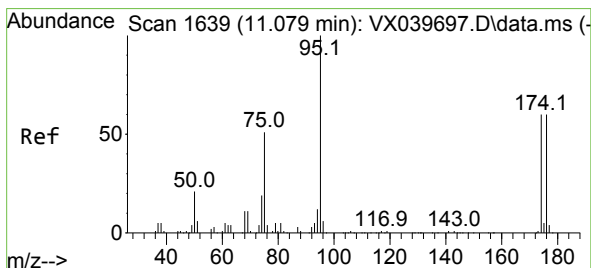
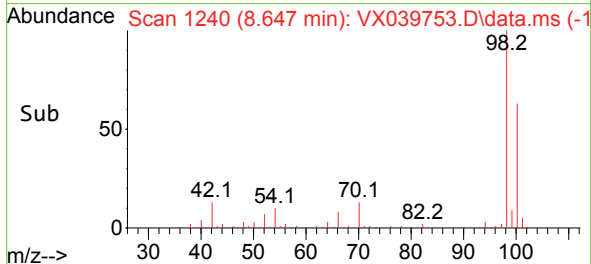
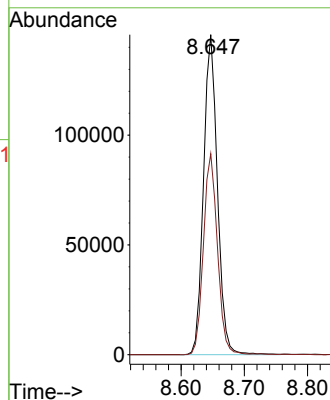
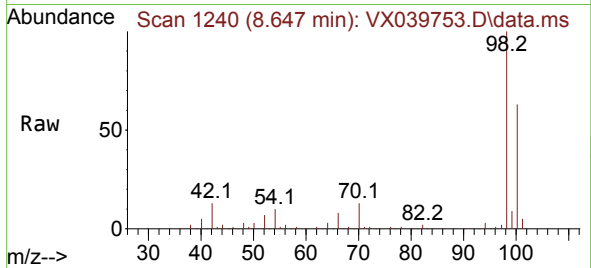




#50
Toluene-d8
Concen: 48.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

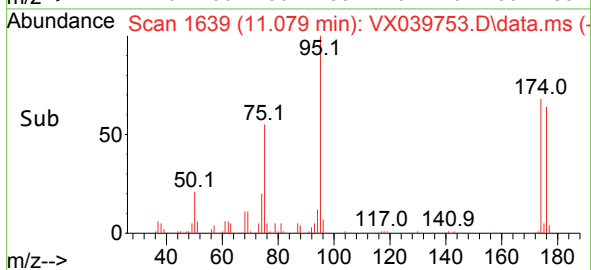
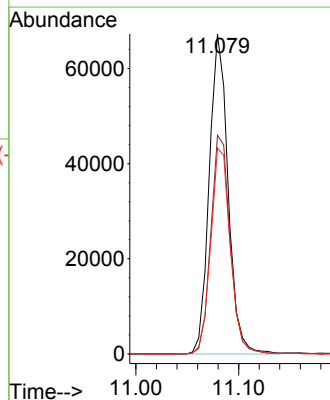
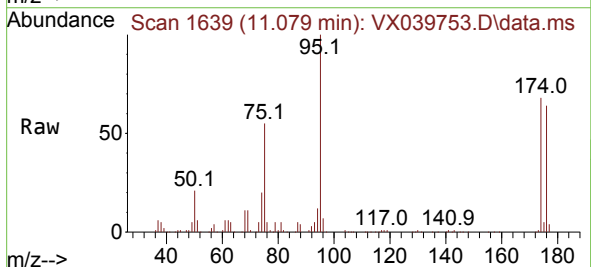
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-50-52

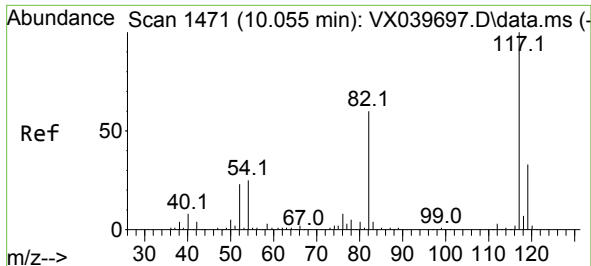
Tgt Ion: 98 Resp: 223320
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

Tgt Ion: 95 Resp: 85819
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 67.0 0.0 131.0

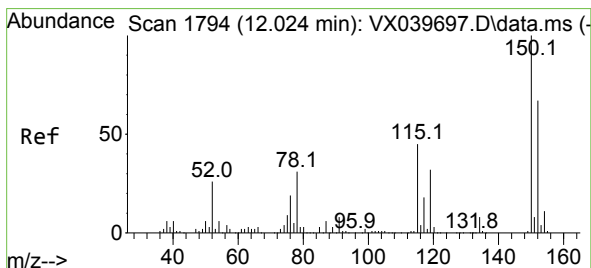
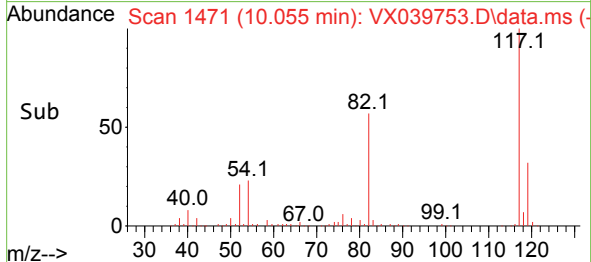
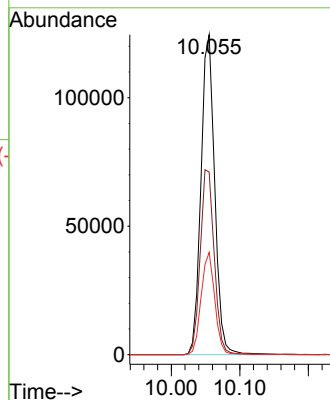
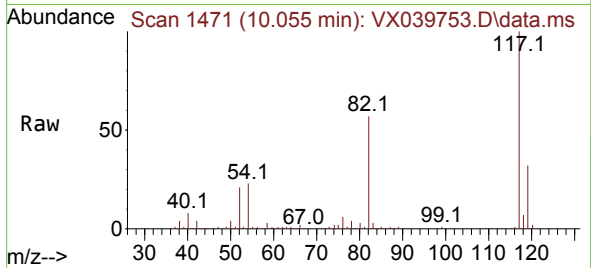




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

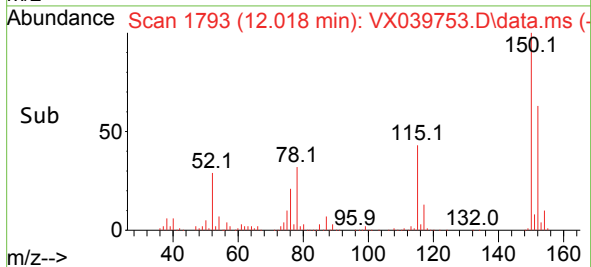
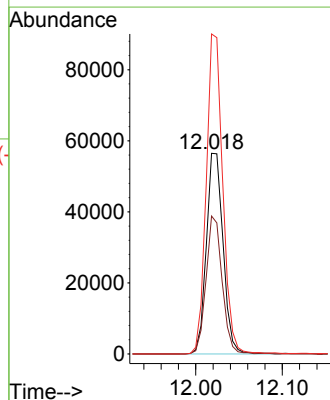
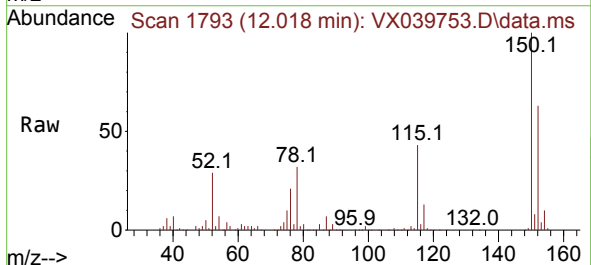
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-50-52

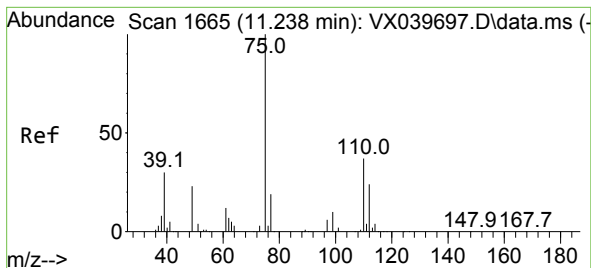
Tgt Ion:117 Resp: 174580
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039753.D
Acq: 15 Jan 2024 14:26

Tgt Ion:152 Resp: 75970
Ion Ratio Lower Upper
152 100
115 66.0 43.3 129.9
150 157.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.580 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039753.D

Acq: 15 Jan 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

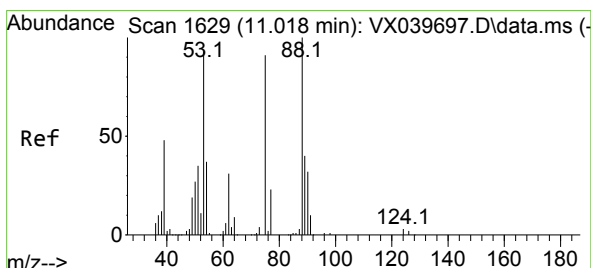
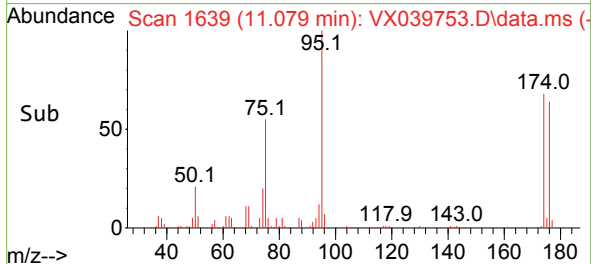
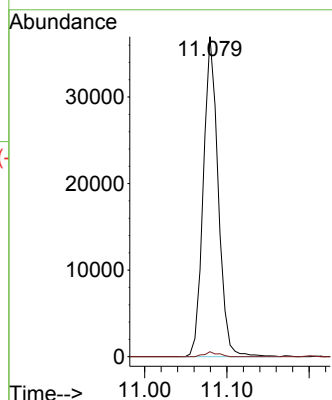
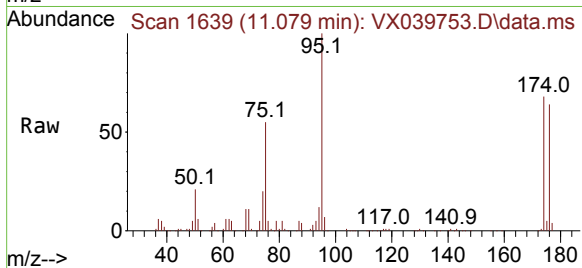
BP-VPB-195-GW-50-52

Tgt Ion: 75 Resp: 46443

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.899 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039753.D

Acq: 15 Jan 2024 14:26

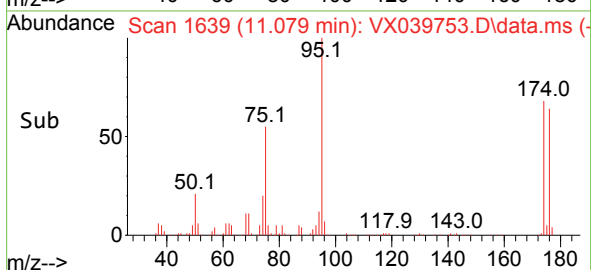
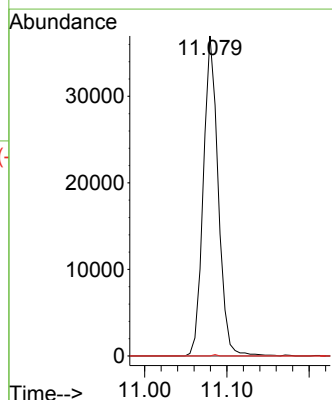
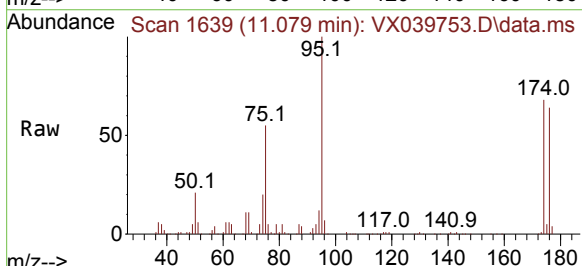
Tgt Ion: 75 Resp: 46443

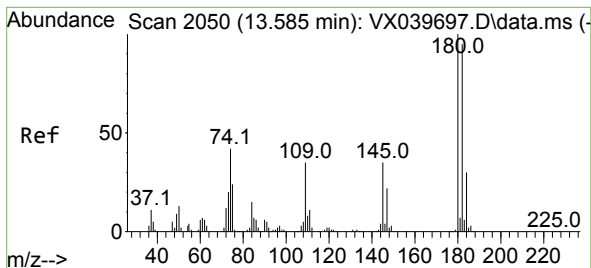
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.249 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039753.D

Acq: 15 Jan 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-50-52

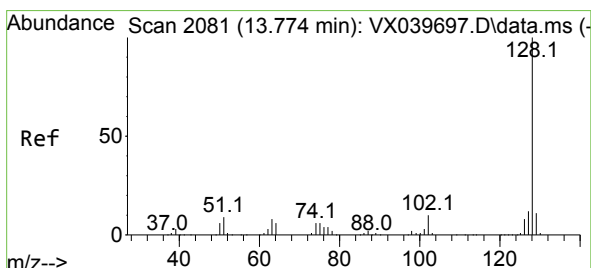
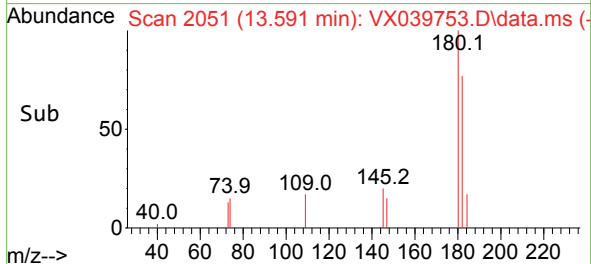
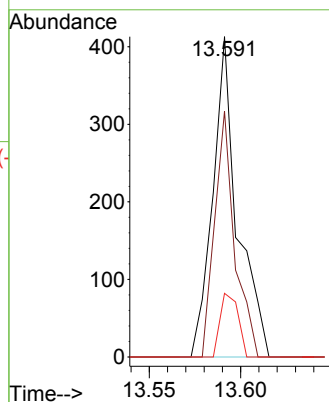
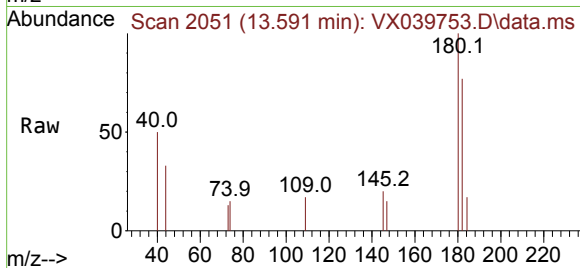
Tgt Ion:180 Resp: 388

Ion Ratio Lower Upper

180 100

182 61.9 48.3 144.8

145 14.4 18.0 54.0#



#95

Naphthalene

Concen: 0.395 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX039753.D

Acq: 15 Jan 2024 14:26

Tgt Ion:128 Resp: 2268

Ion Ratio Lower Upper

128 100

127 11.3 10.3 15.5

129 10.5 8.8 13.2

