

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039884.D
 Acq On : 22 Jan 2024 15:22
 Operator : JC/MD
 Sample : P1186-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-258-260

Quant Time: Jan 23 00:17:57 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)

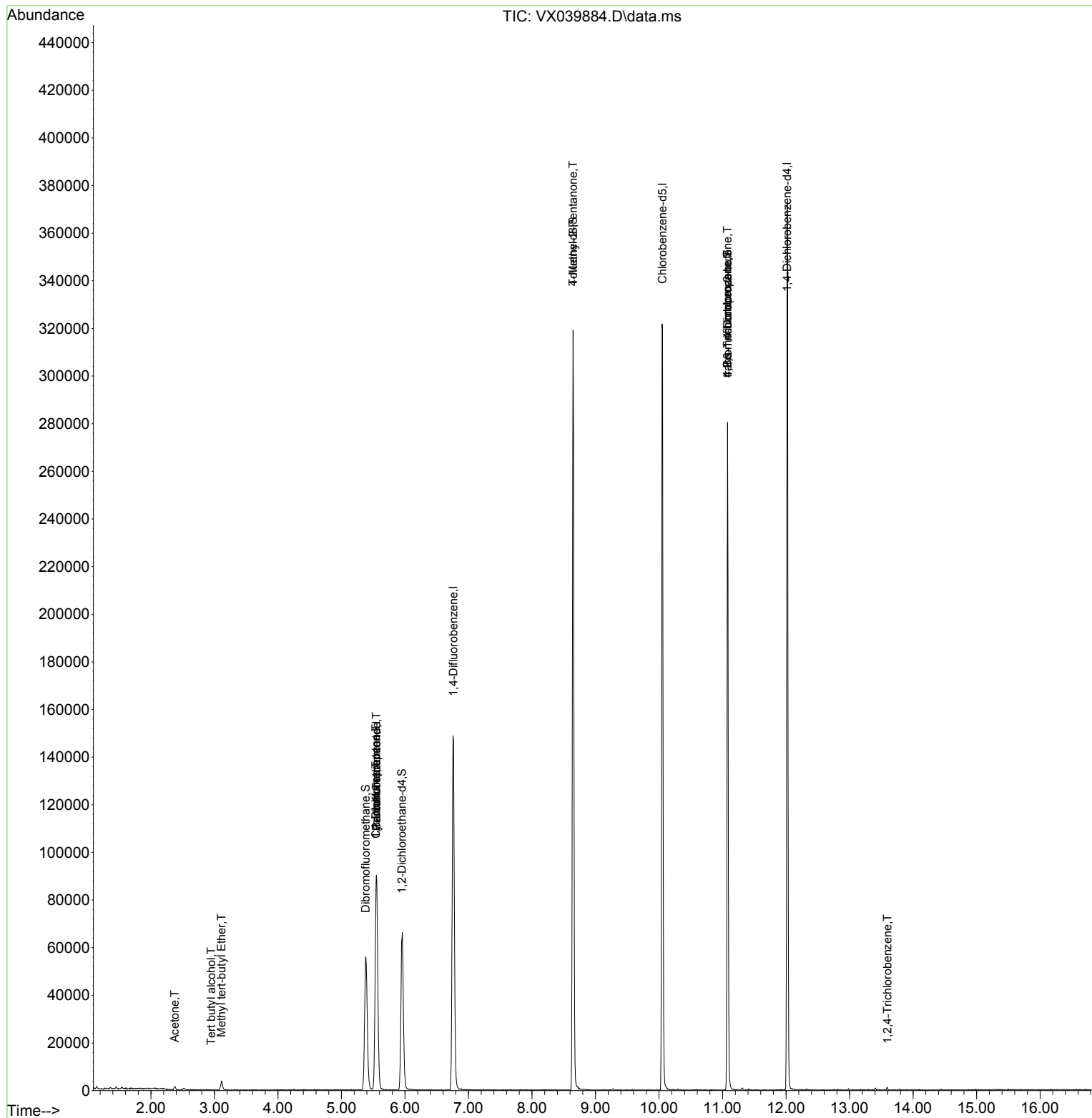
Internal Standards						
1) Pentafluorobenzene	5.550	168	80526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63223	46.869	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.740%
35) Dibromofluoromethane	5.379	113	48691	48.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	8.647	98	184027	49.082	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	70236	47.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	73	0.208	ug/l #	78
16) Acetone	2.373	43	1474	1.943	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	3482	1.012	ug/l	93
31) Cyclohexane	5.544	56	2212	1.243	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	7245	4.682	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8904	6.283	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	911	0.437	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40110	22.346	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	40110	64.738	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	353	0.248	ug/l	91

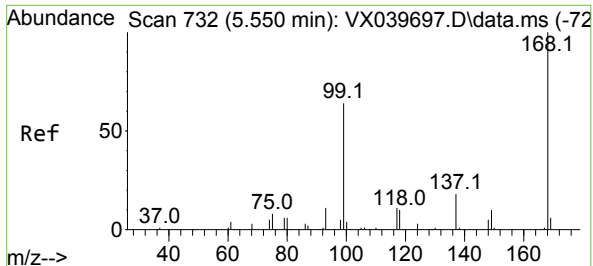
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-191-GW-258-260

Quant Time: Jan 23 00:17:57 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

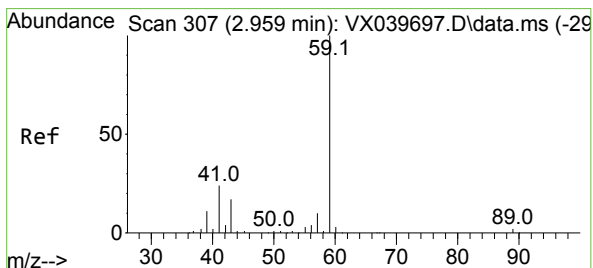
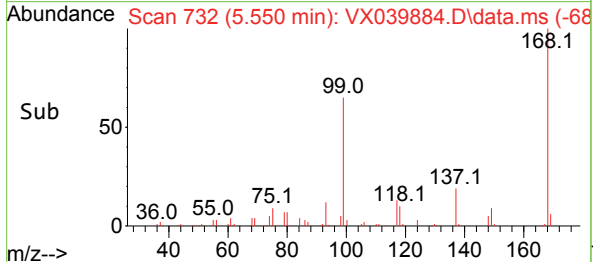
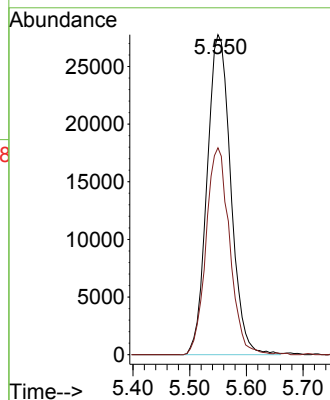
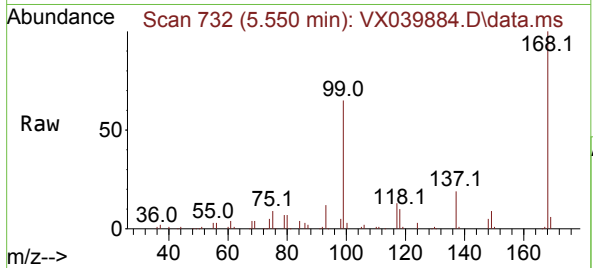




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

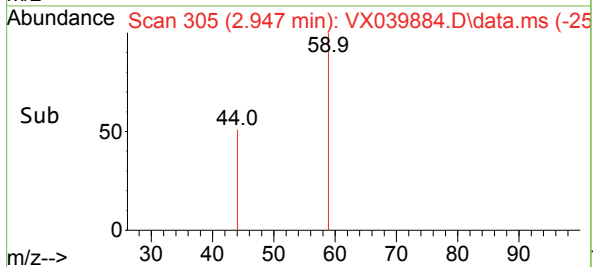
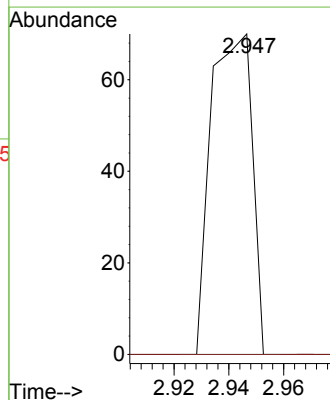
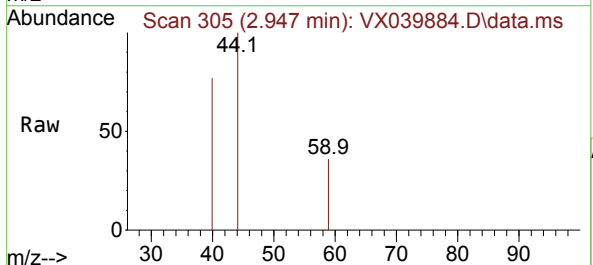
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-258-260

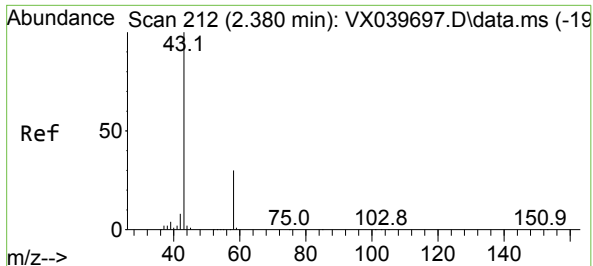
Tgt Ion:168 Resp: 80526
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.208 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

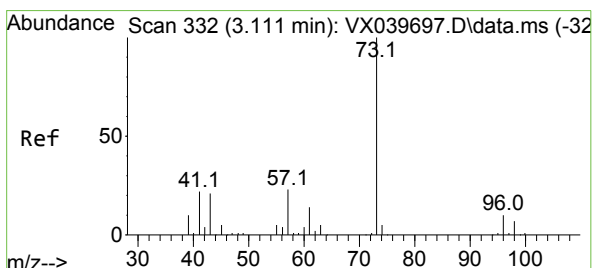
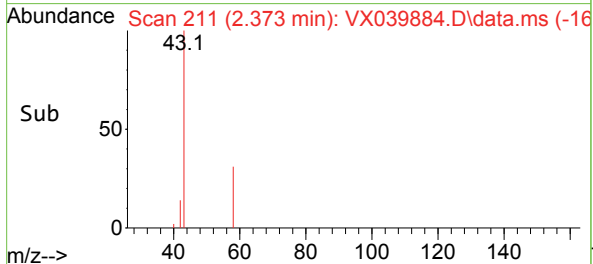
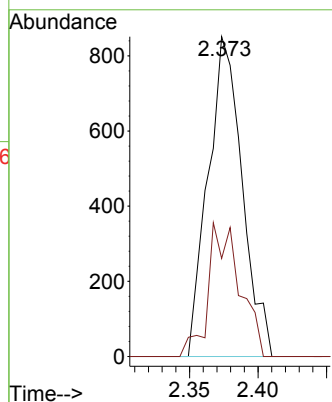
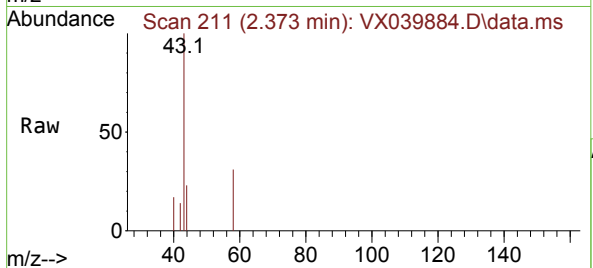




#16
Acetone
Concen: 1.943 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

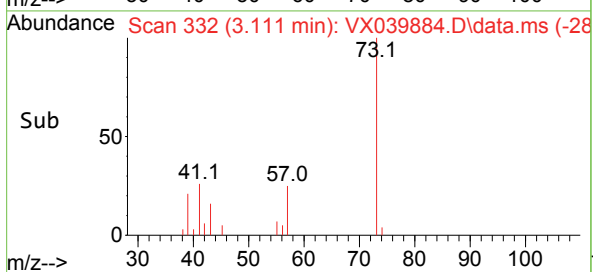
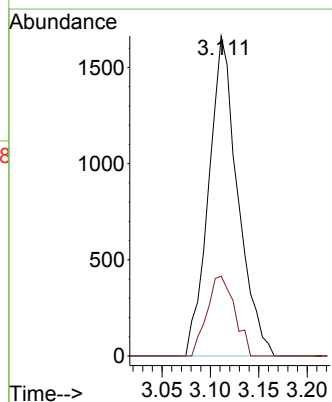
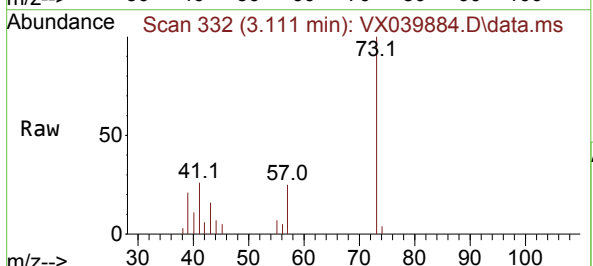
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-258-260

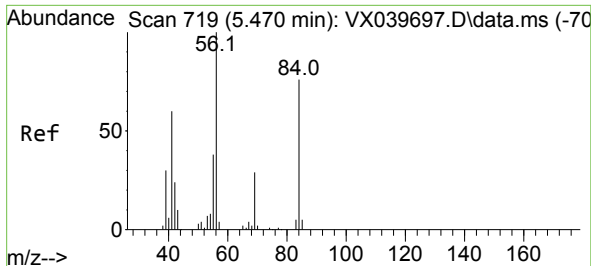
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 1.012 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

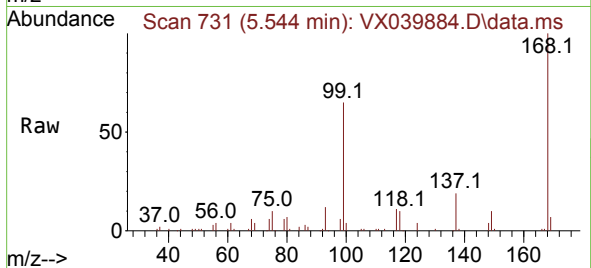
Tgt Ion: 73 Resp: 3482
Ion Ratio Lower Upper
73 100
57 24.9 17.3 25.9



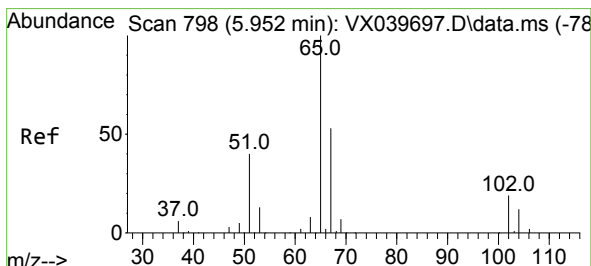
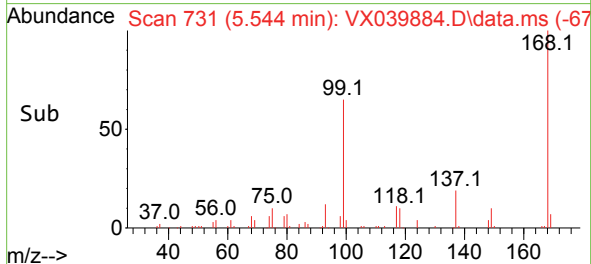
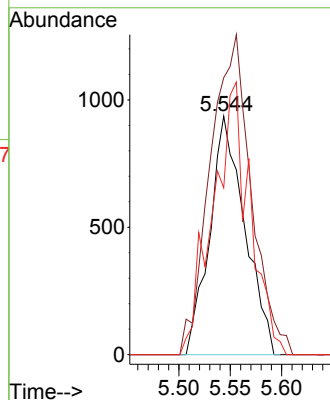


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-258-260

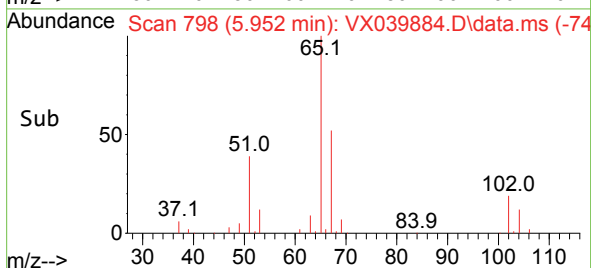
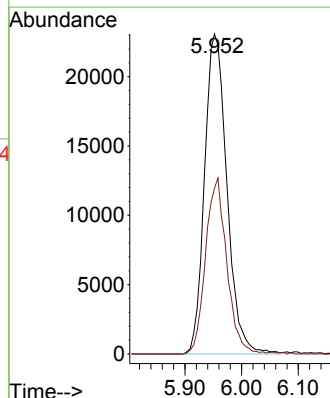
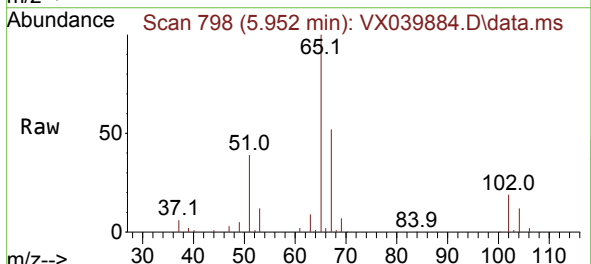


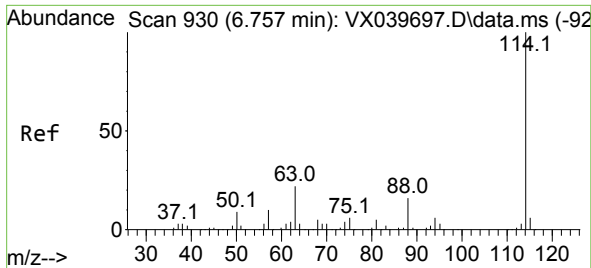
Tgt Ion: 56 Resp: 2212
Ion Ratio Lower Upper
56 100
69 116.1 23.4 35.2#
84 69.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.869 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion: 65 Resp: 63223
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

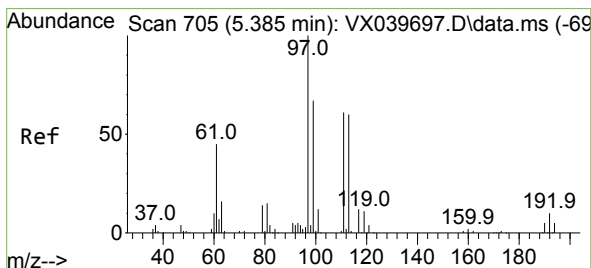
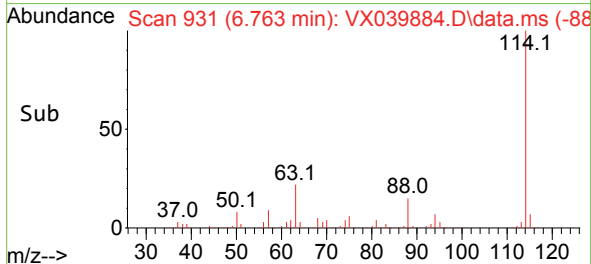
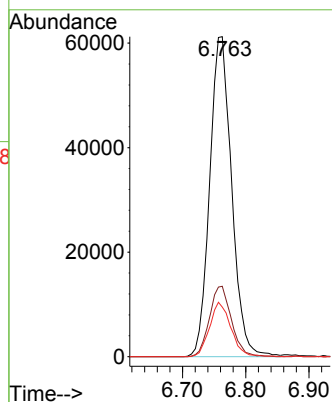
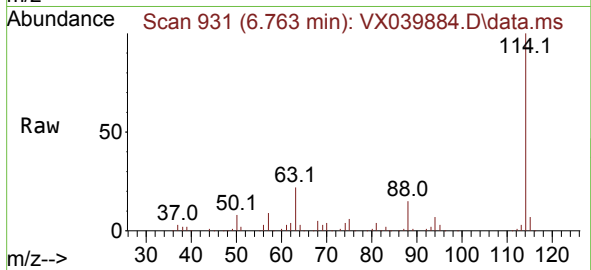




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

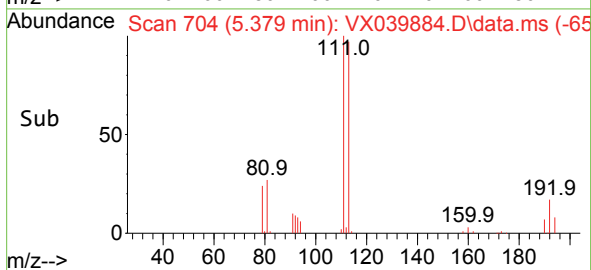
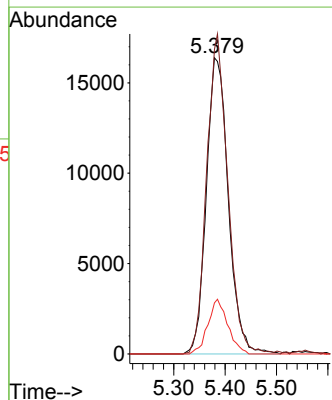
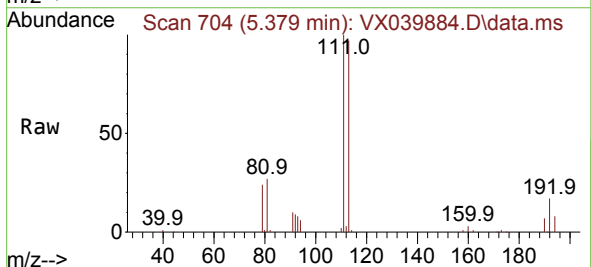
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-258-260

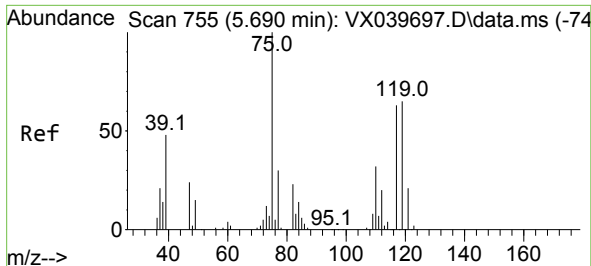
Tgt Ion:114 Resp: 147594
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.980 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion:113 Resp: 48691
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.7 13.3 19.9

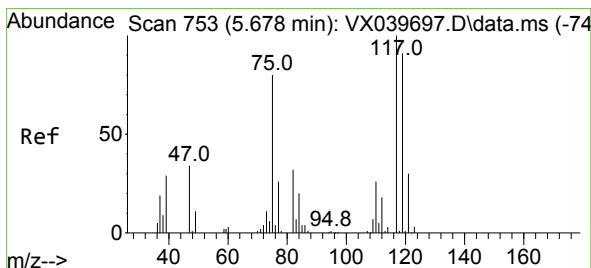
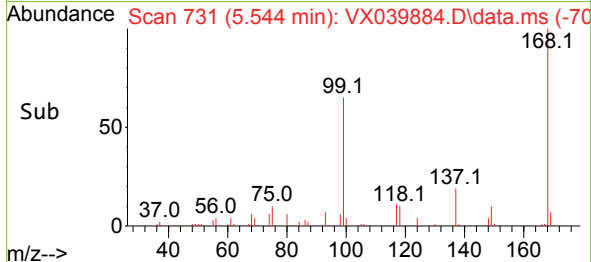
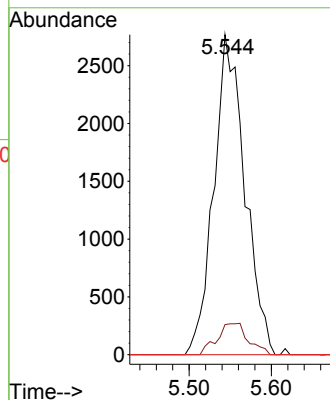
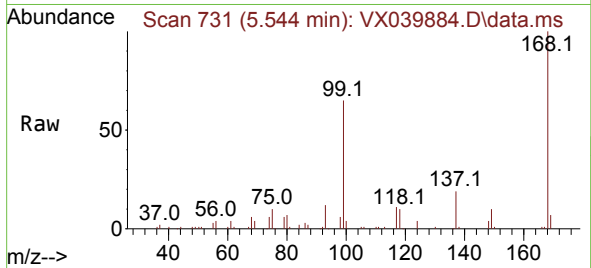




#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

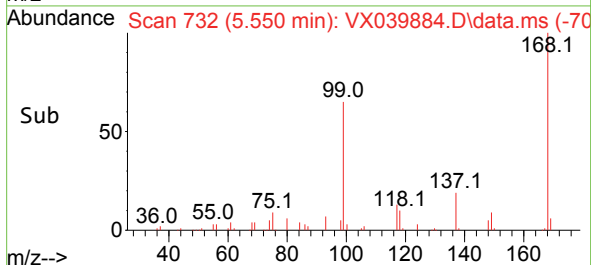
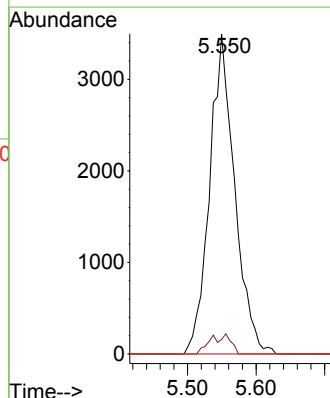
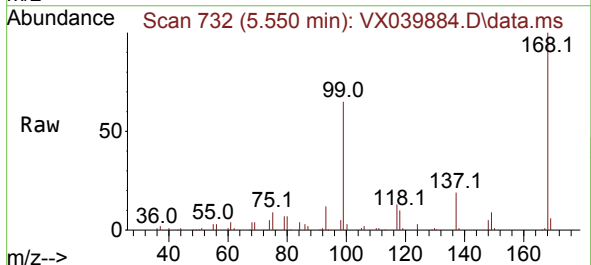
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-258-260

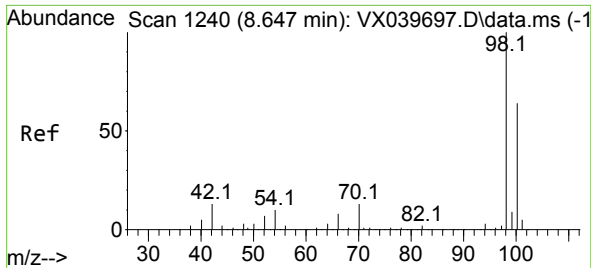
Tgt Ion: 75 Resp: 7245
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion: 117 Resp: 8904
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

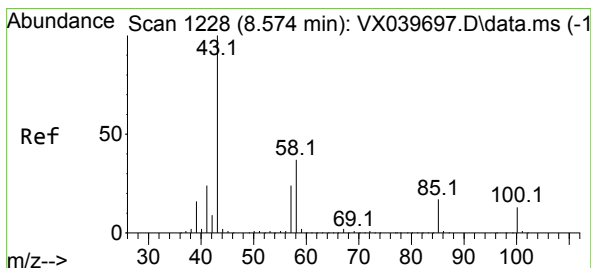
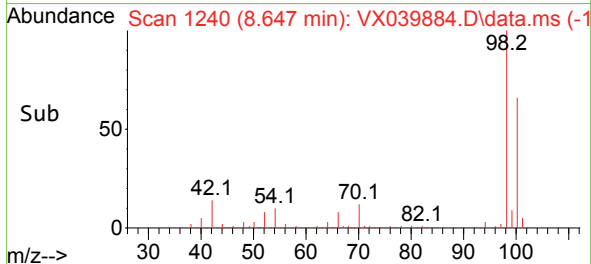
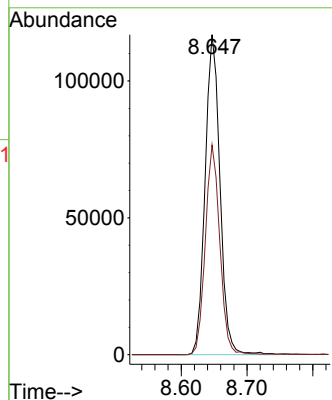
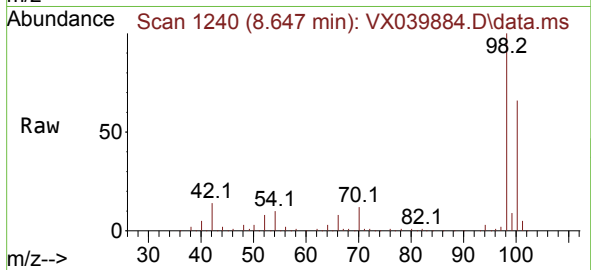




#50
Toluene-d8
Concen: 49.082 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

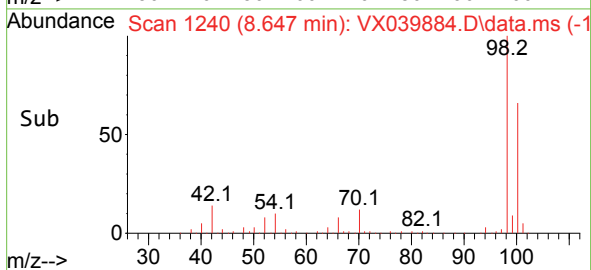
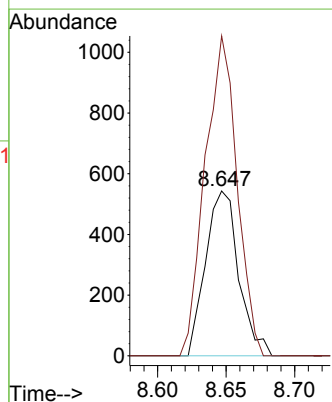
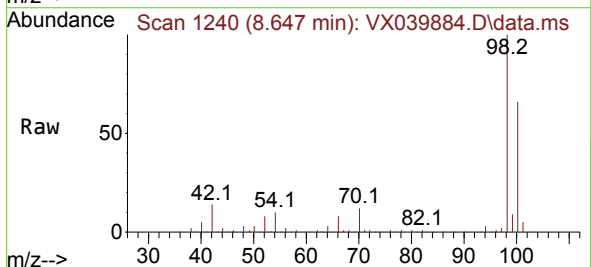
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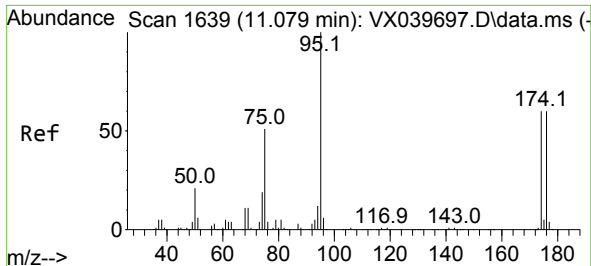
Tgt Ion: 98 Resp: 184027
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.437 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 187.6 30.4 45.6#

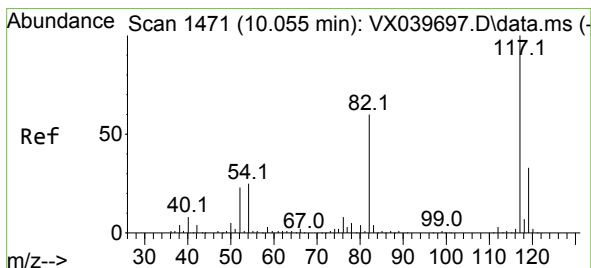
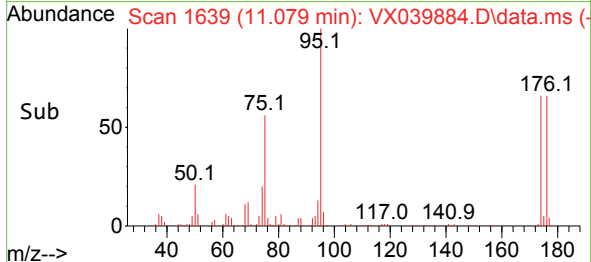
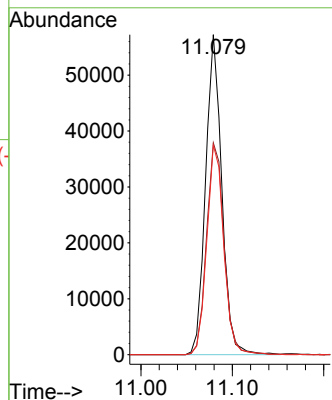
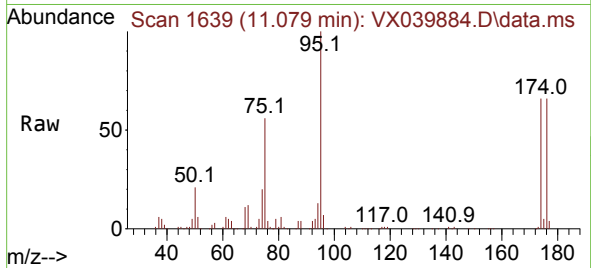




#62
4-Bromofluorobenzene
Concen: 47.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

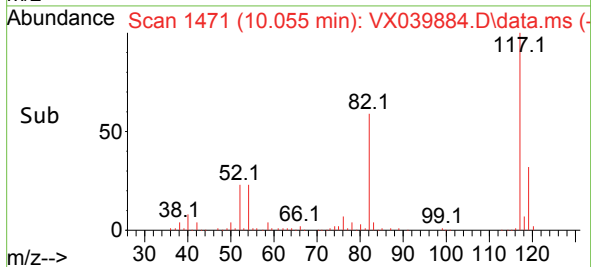
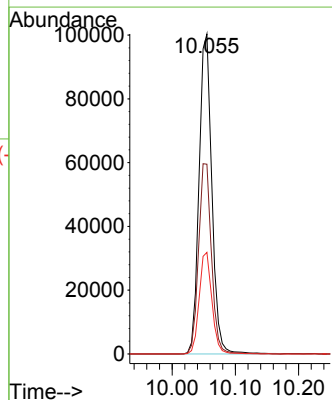
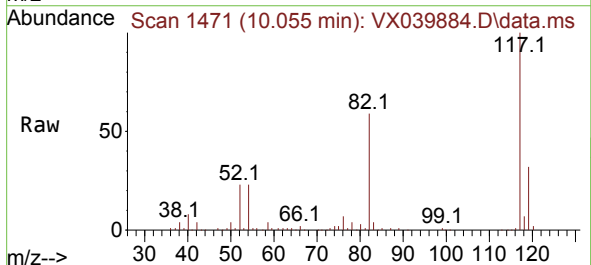
Instrument :
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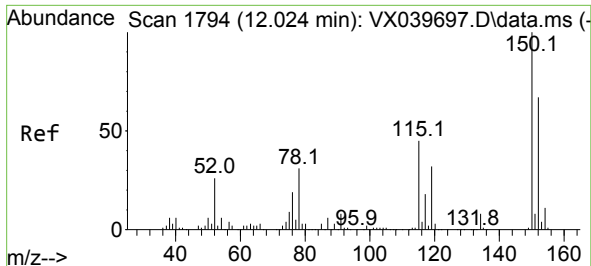
Tgt Ion: 95 Resp: 70236
Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.6
176 68.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion: 117 Resp: 141313
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 31.8 25.5 38.3

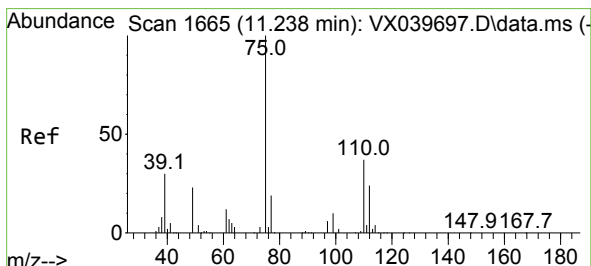
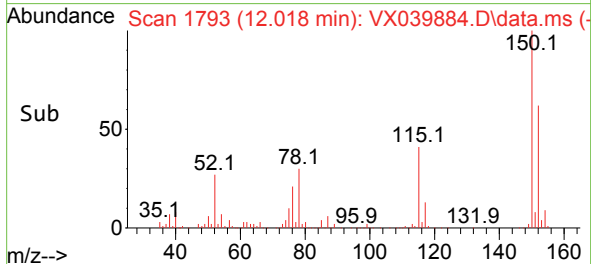
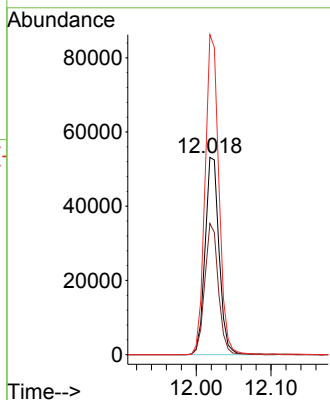
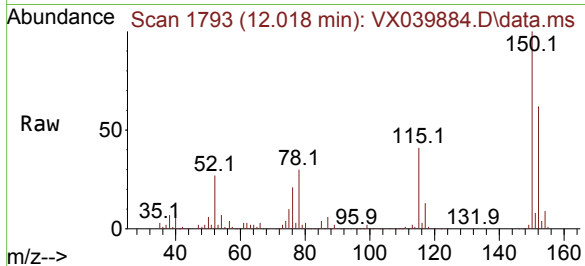




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

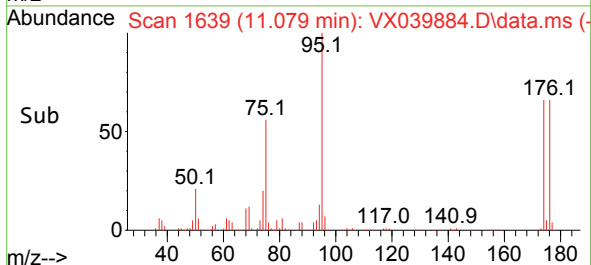
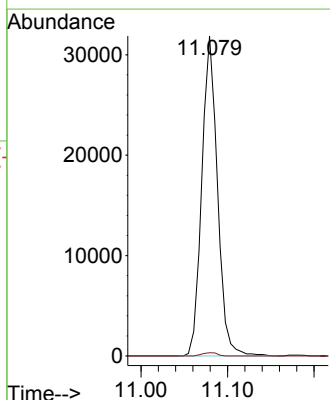
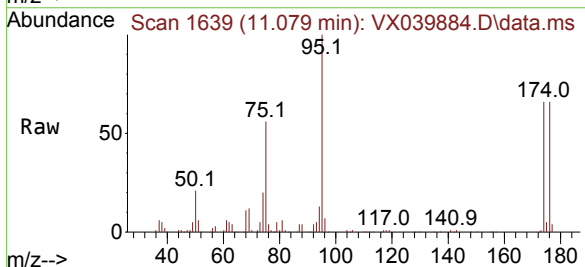
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MSVOA_X
ClientSampleId :
BP-VPB-191-GW-258-260

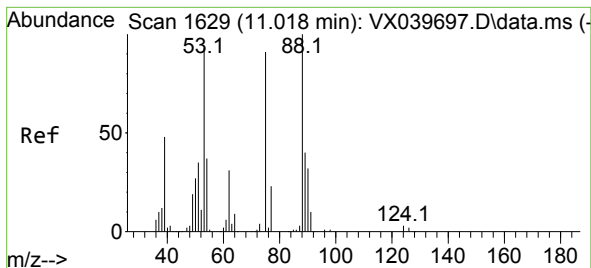
Tgt Ion:152 Resp: 69233
Ion Ratio Lower Upper
152 100
115 64.7 43.3 129.9
150 160.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion: 75 Resp: 40110
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 64.738 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX039884.D

Acq: 22 Jan 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-258-260

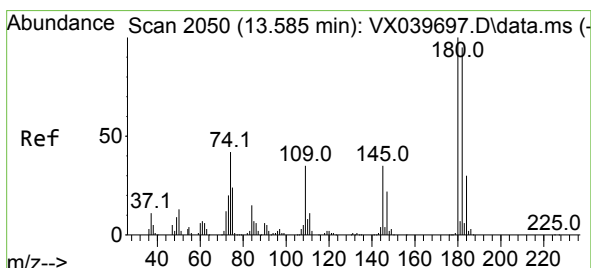
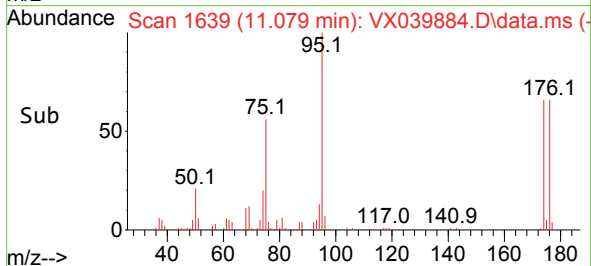
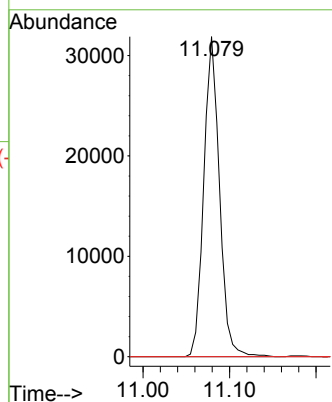
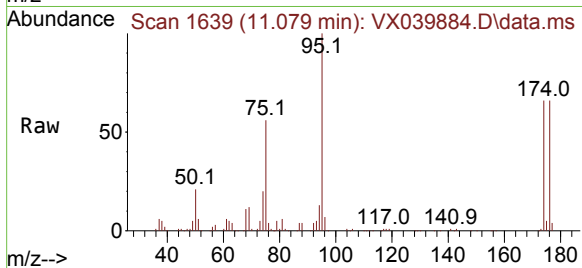
Tgt Ion: 75 Resp: 40110

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.248 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.012 min

Lab File: VX039884.D

Acq: 22 Jan 2024 15:22

Tgt Ion:180 Resp: 353

Ion Ratio Lower Upper

180 100

182 90.9 48.3 144.8

145 25.5 18.0 54.0

