

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039887.D
 Acq On : 22 Jan 2024 16:30
 Operator : JC/MD
 Sample : P1186-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-318-320

Quant Time: Jan 23 00:19:03 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)

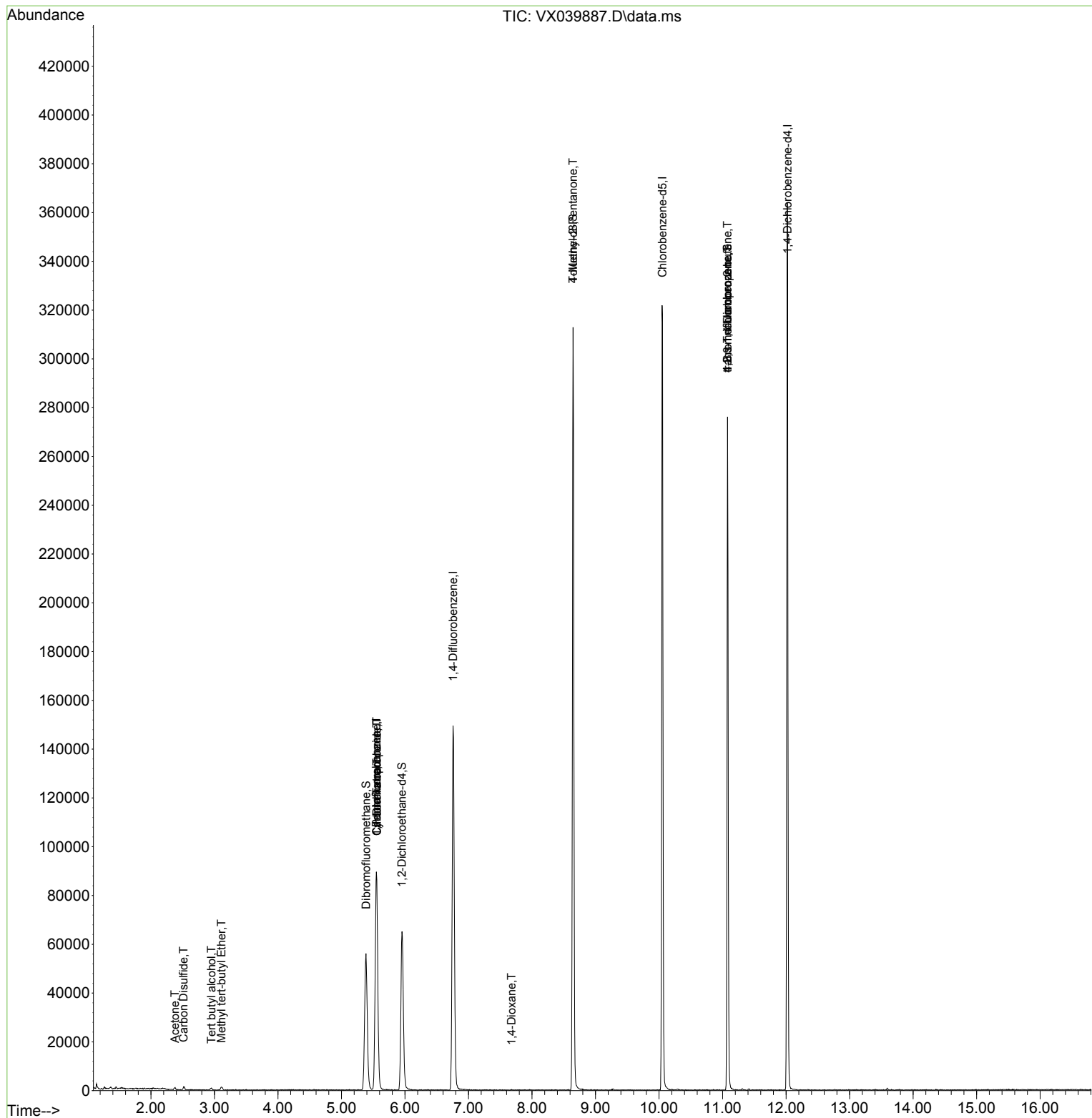
Internal Standards						
1) Pentafluorobenzene	5.550	168	79151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62975	47.496	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.000%		
35) Dibromofluoromethane	5.385	113	48057	49.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.080%		
50) Toluene-d8	8.647	98	178960	48.424	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.840%		
62) 4-Bromofluorobenzene	11.079	95	70143	48.535	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.080%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	1048	3.036	ug/l #	78
16) Acetone	2.380	43	1217	1.632	ug/l	95
17) Carbon Disulfide	2.514	76	1189	0.434	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	1294	0.383	ug/l	92
31) Cyclohexane	5.556	56	2250	1.286	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	7251	4.754	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9041	6.472	ug/l #	16
49) 1,4-Dioxane	7.678	88	54	1.902	ug/l #	75
51) 4-Methyl-2-Pentanone	8.647	43	925	0.450	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39701	22.156	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39701	64.247	ug/l #	5

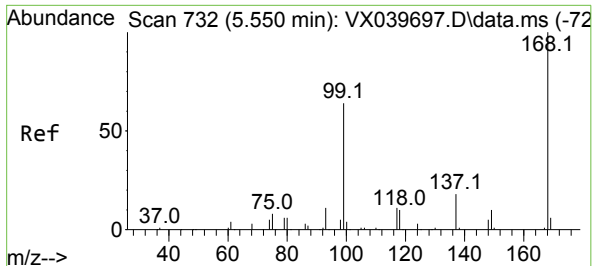
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-191-GW-318-320

Quant Time: Jan 23 00:19:03 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

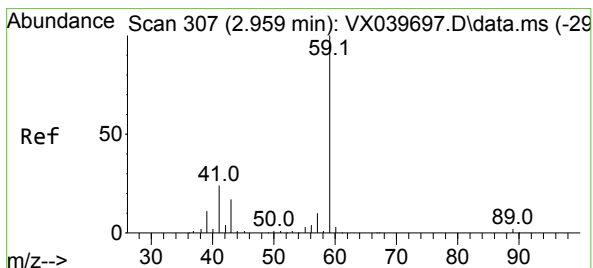
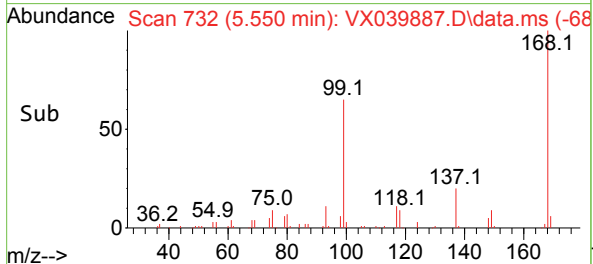
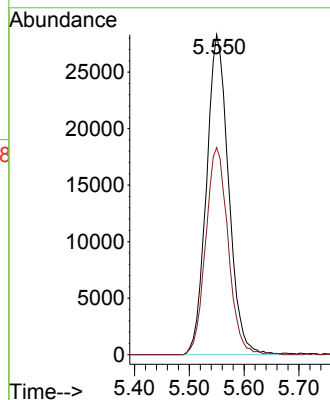
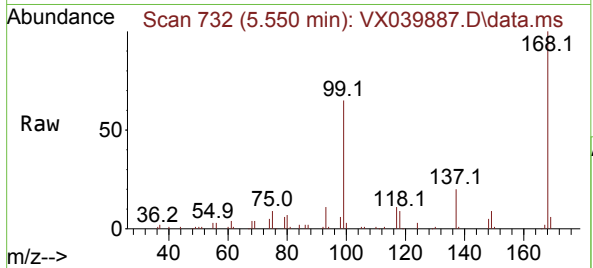




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

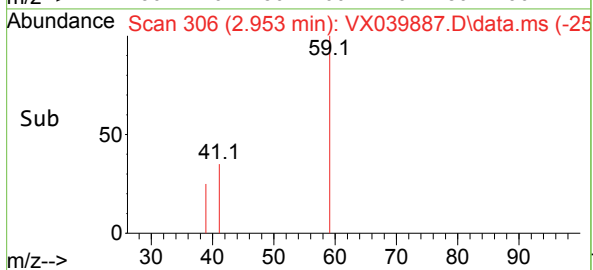
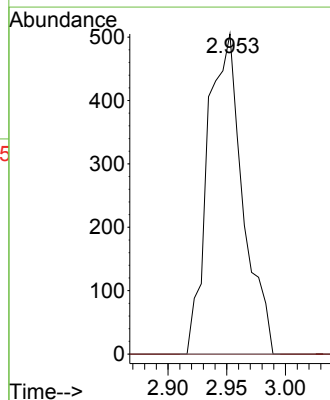
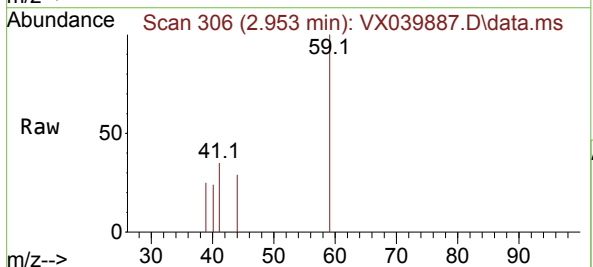
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-318-320

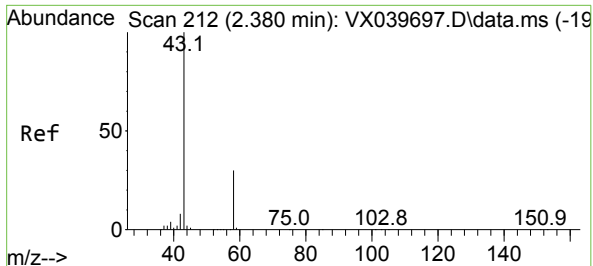
Tgt Ion:168 Resp: 79151
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.036 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion: 59 Resp: 1048
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

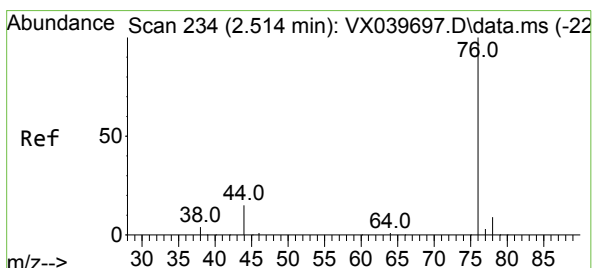
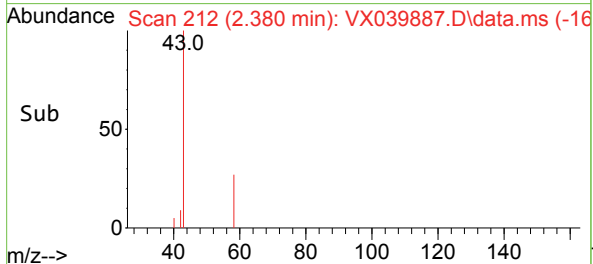
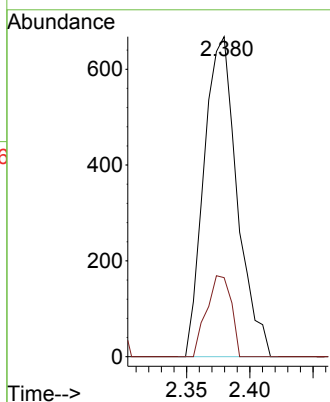
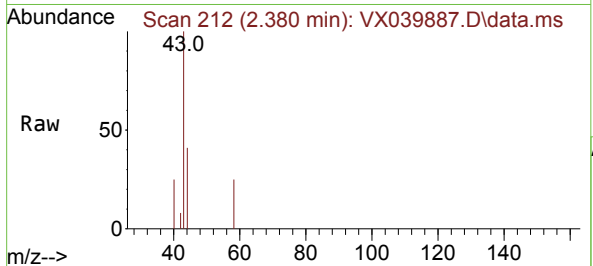




#16
Acetone
Concen: 1.632 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

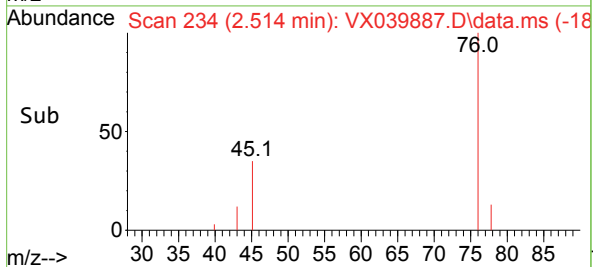
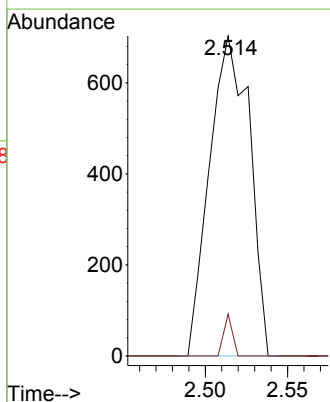
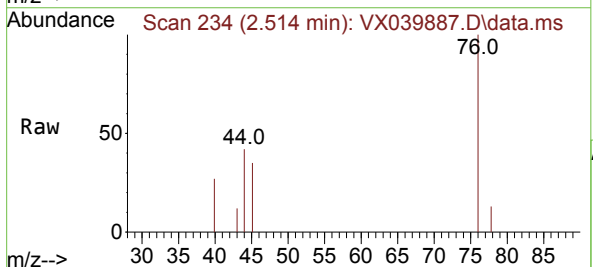
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-318-320

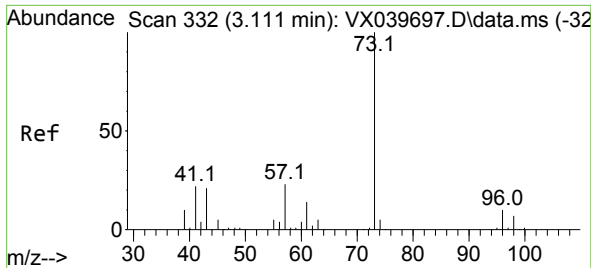
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 24.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.434 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion: 76 Resp: 1189
Ion Ratio Lower Upper
76 100
78 13.1 7.0 10.6#

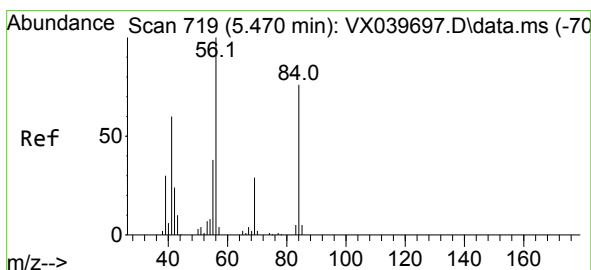
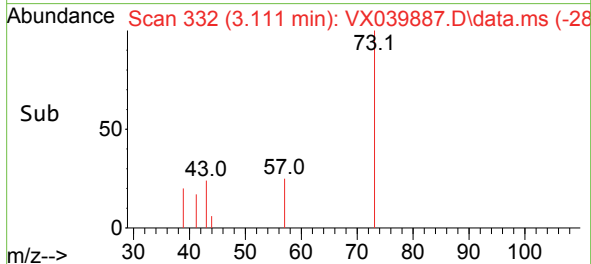
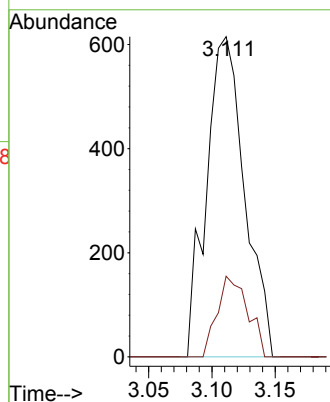
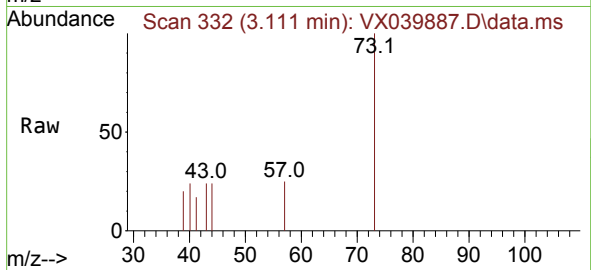




#19
Methyl tert-butyl Ether
Concen: 0.383 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

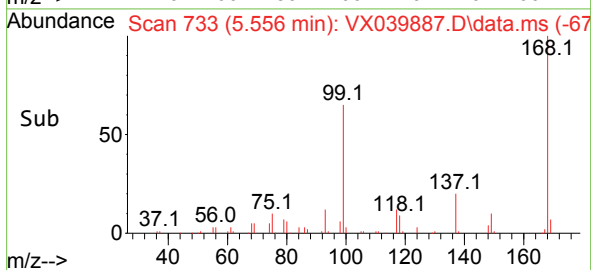
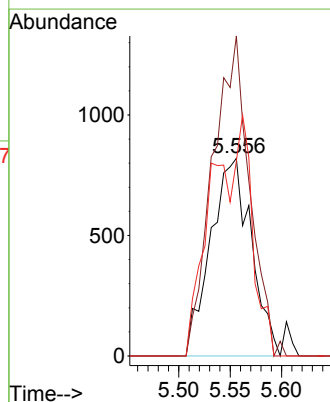
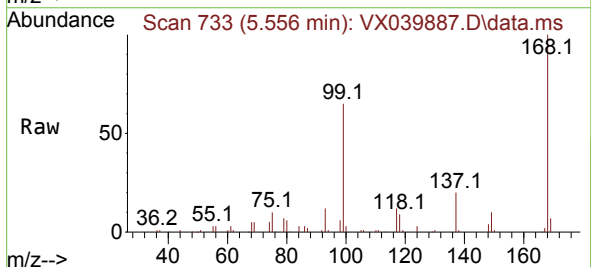
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-318-320

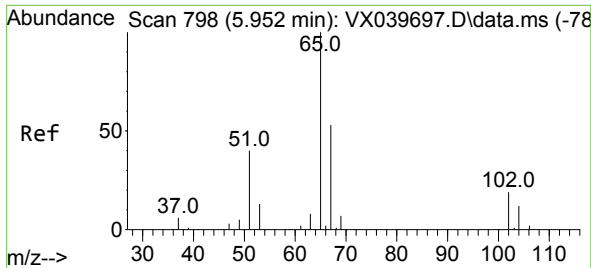
Tgt Ion: 73 Resp: 1294
Ion Ratio Lower Upper
73 100
57 25.2 17.3 25.9



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion: 56 Resp: 2250
Ion Ratio Lower Upper
56 100
69 162.0 23.4 35.2#
84 98.7 65.9 98.9

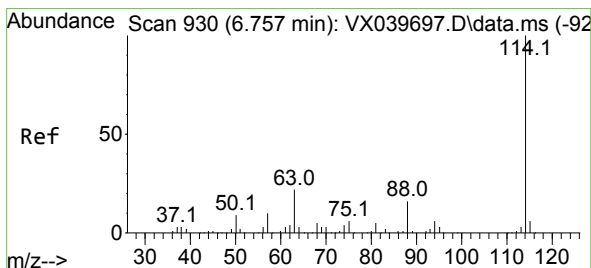
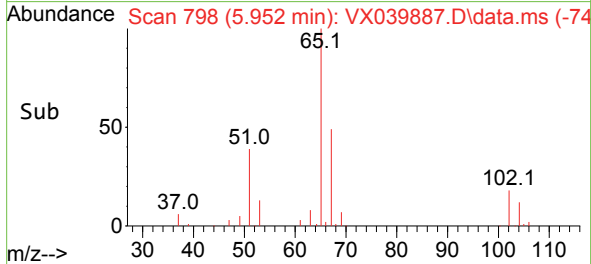
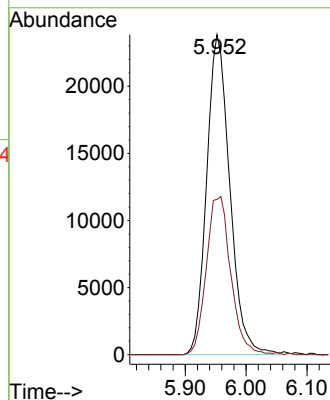
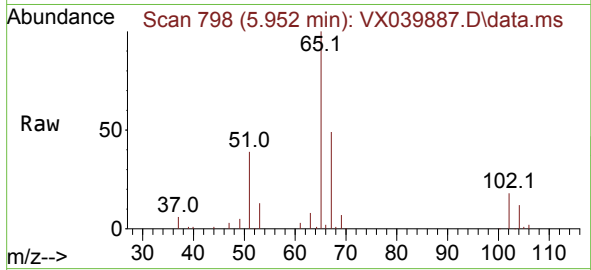




#33
1,2-Dichloroethane-d4
Concen: 47.496 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

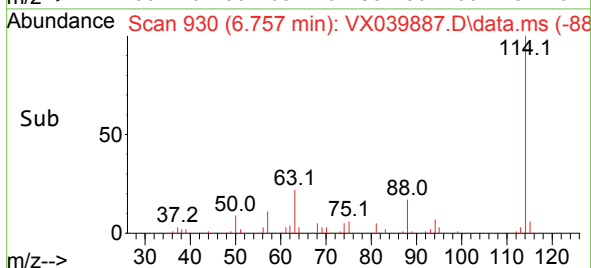
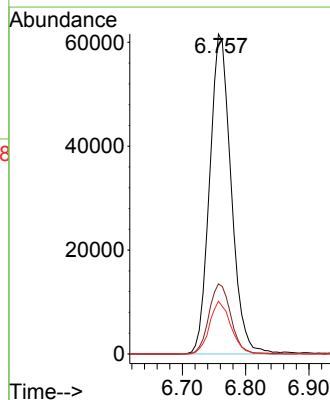
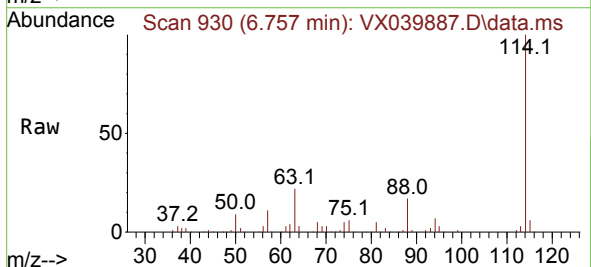
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-318-320

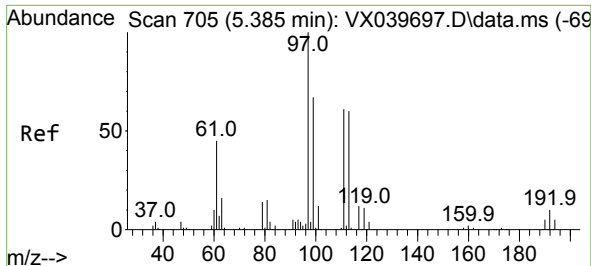
Tgt Ion: 65 Resp: 62975
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion: 114 Resp: 145482
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 16.5 0.0 36.6

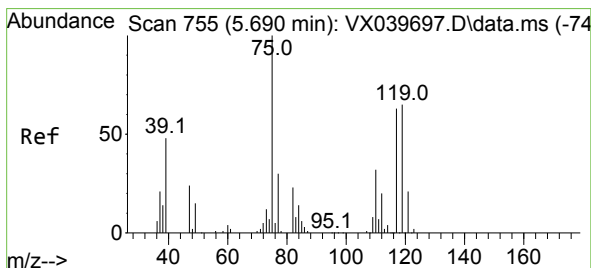
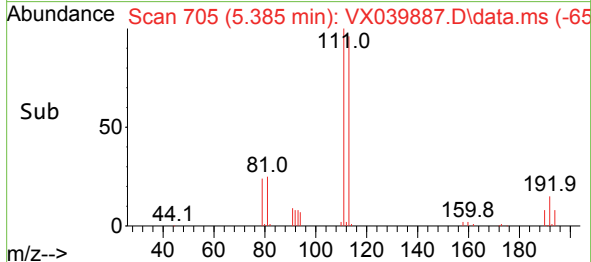
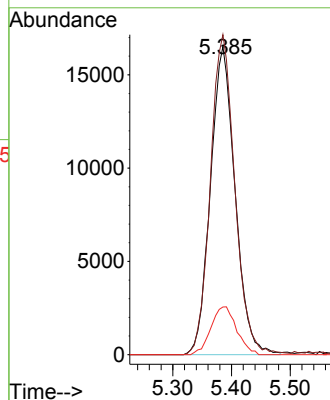
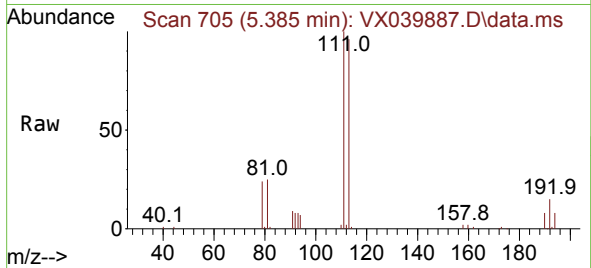




#35
Dibromofluoromethane
Concen: 49.044 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

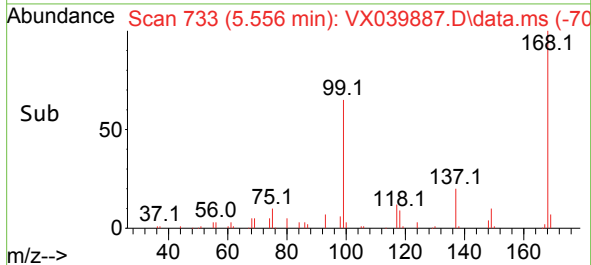
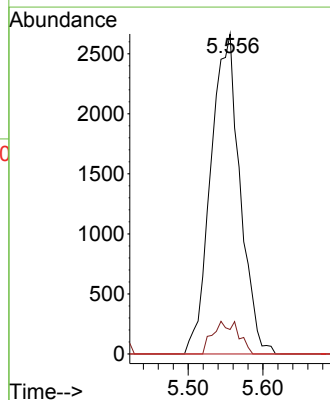
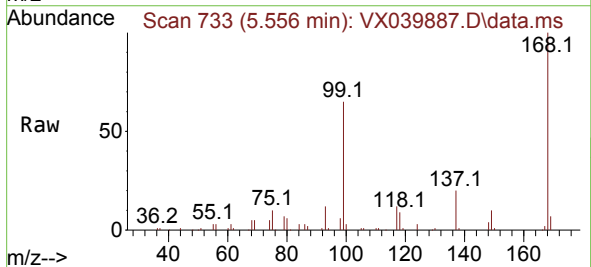
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-318-320

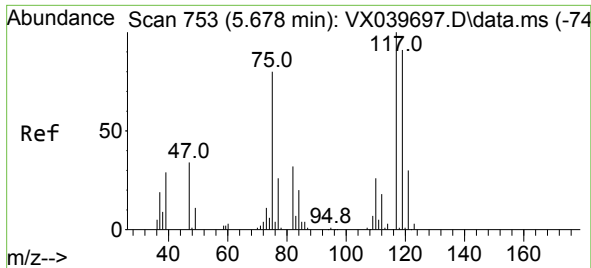
Tgt Ion:113 Resp: 48057
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

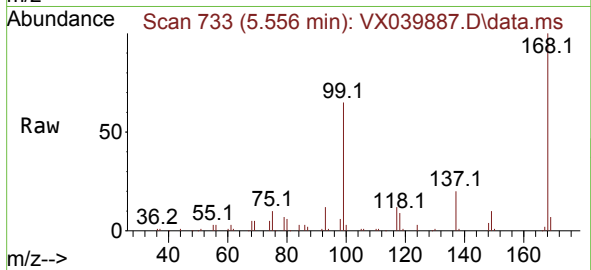
Tgt Ion: 75 Resp: 7251
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



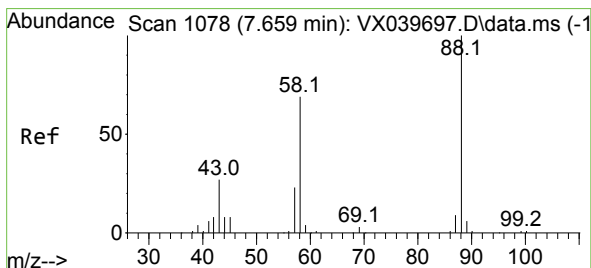
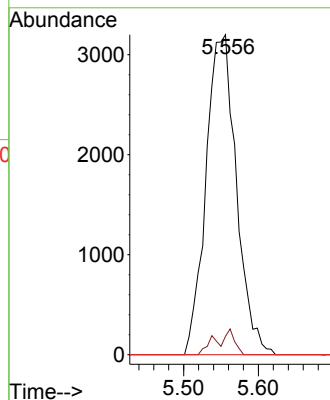
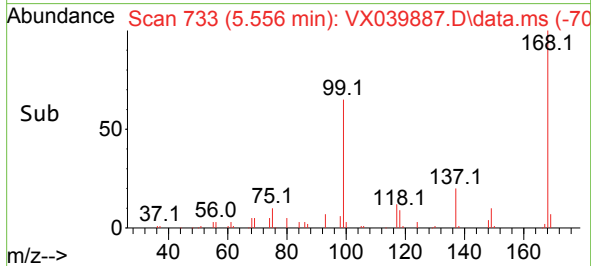


#38
Carbon Tetrachloride
Concen: 6.472 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-318-320

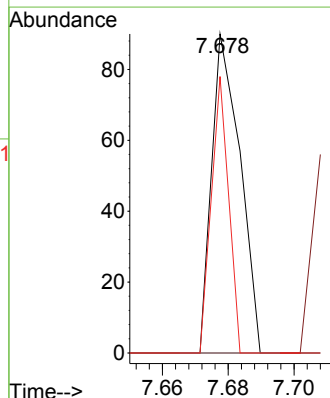
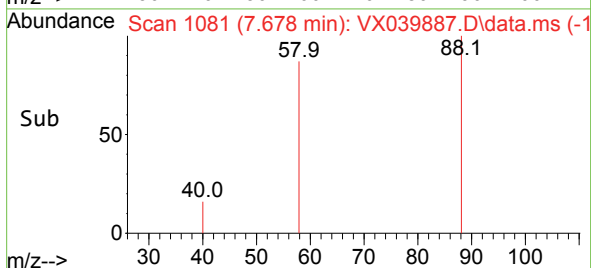
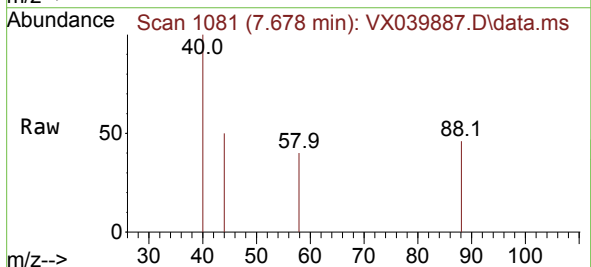


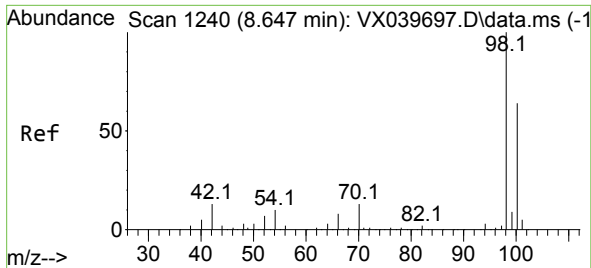
Tgt Ion:117 Resp: 9041
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 1.902 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 53.7 60.1 90.1#

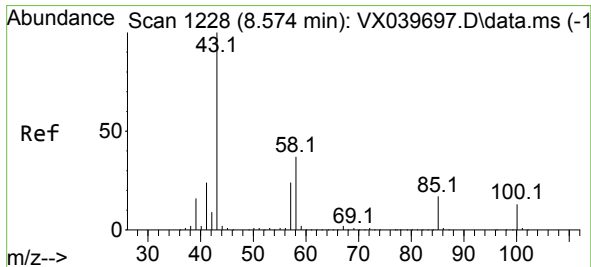
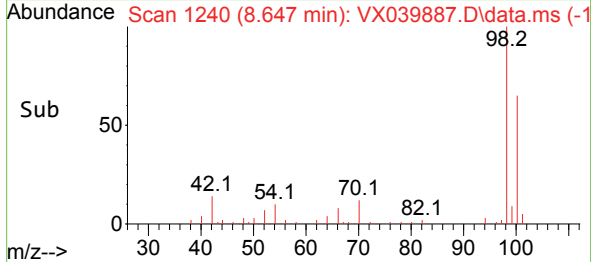
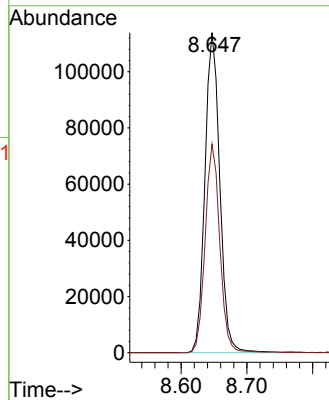
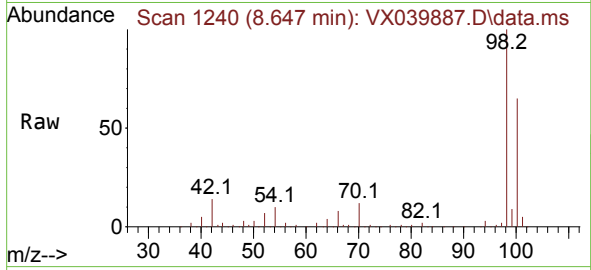




#50
Toluene-d8
Concen: 48.424 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

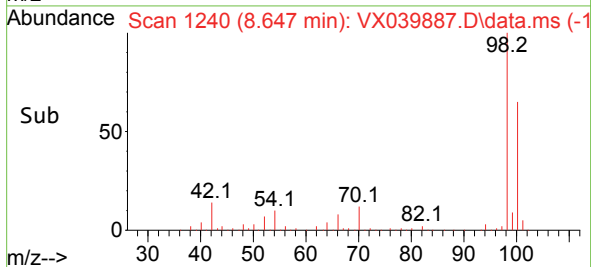
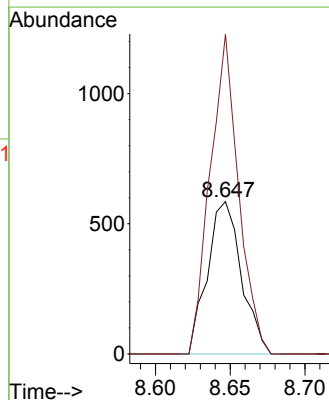
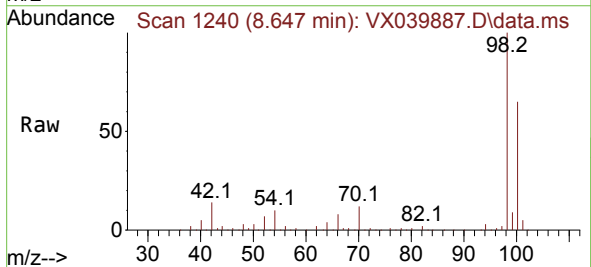
Instrument :
MSVOA_X
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BP-VPB-191-GW-318-320

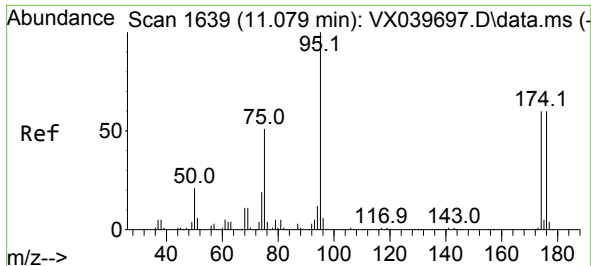
Tgt Ion: 98 Resp: 178960
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.450 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 175.7 30.4 45.6#

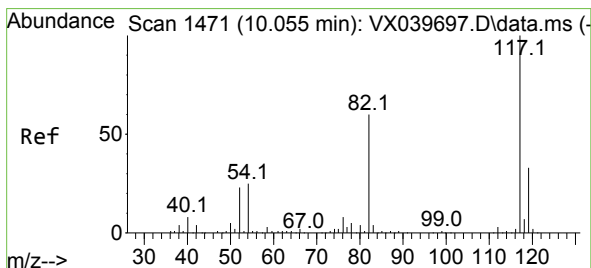
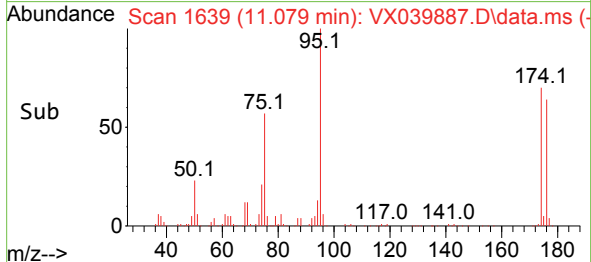
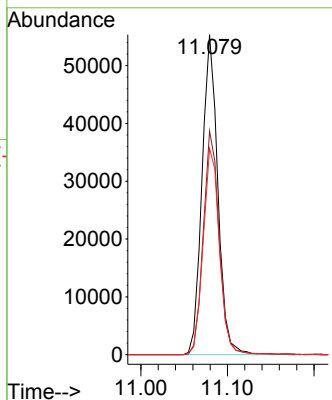
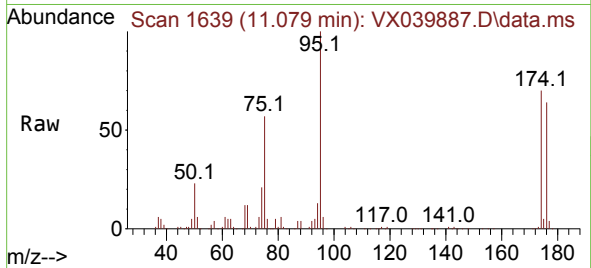




#62
4-Bromofluorobenzene
Concen: 48.535 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

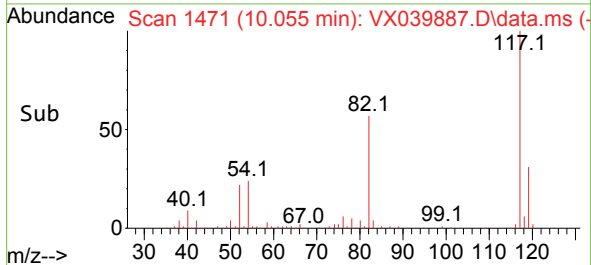
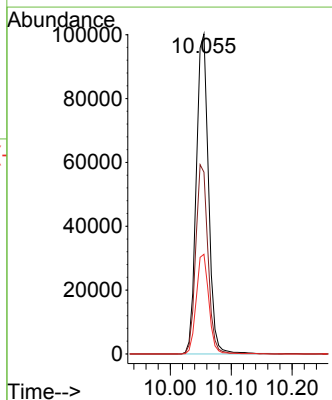
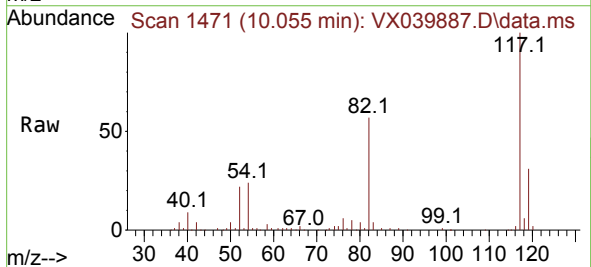
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-318-320

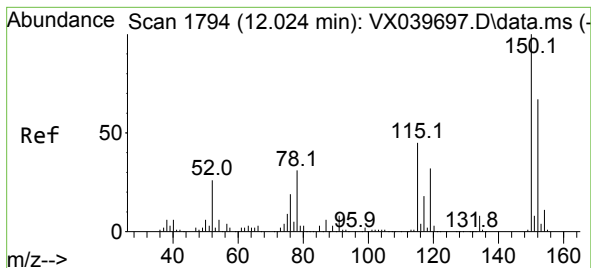
Tgt Ion: 95 Resp: 70143
Ion Ratio Lower Upper
95 100
174 70.5 0.0 135.6
176 66.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion: 117 Resp: 139573
Ion Ratio Lower Upper
117 100
82 56.8 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# 1

Delta R.T. 0.000 min

Lab File: VX039887.D

Acq: 22 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-318-320

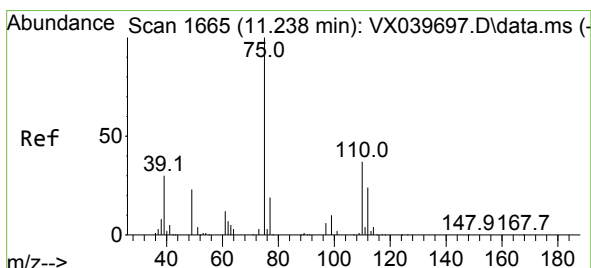
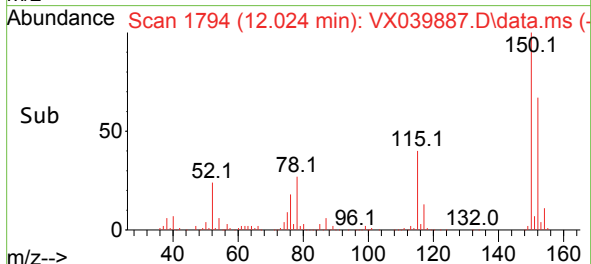
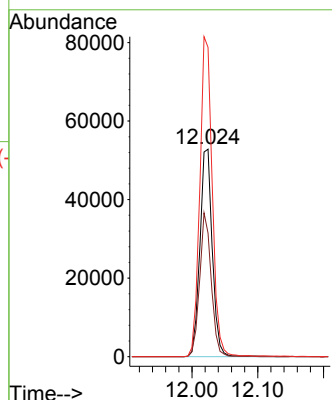
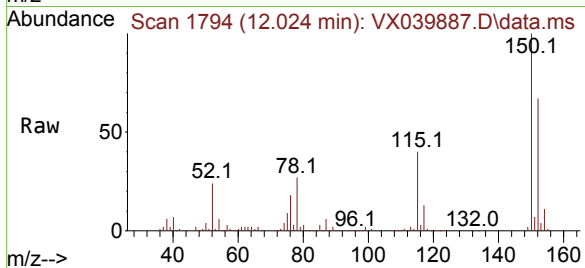
Tgt Ion:152 Resp: 69116

Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 154.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039887.D

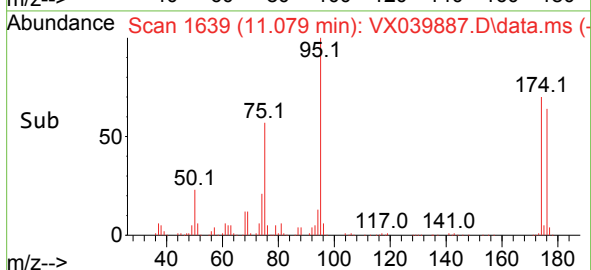
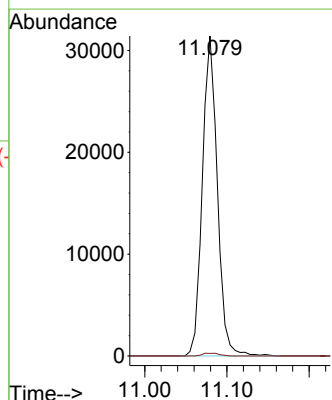
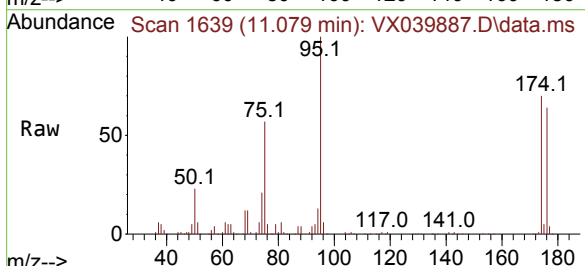
Acq: 22 Jan 2024 16:30

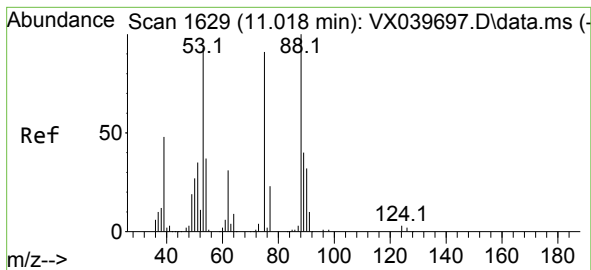
Tgt Ion: 75 Resp: 39701

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.247 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039887.D
 Acq: 22 Jan 2024 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-318-320

Tgt Ion: 75 Resp: 39701
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

