

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039783.D
 Acq On : 16 Jan 2024 18:33
 Operator : JC/MD
 Sample : P1149-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-238-240

Quant Time: Jan 17 01:53:29 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)

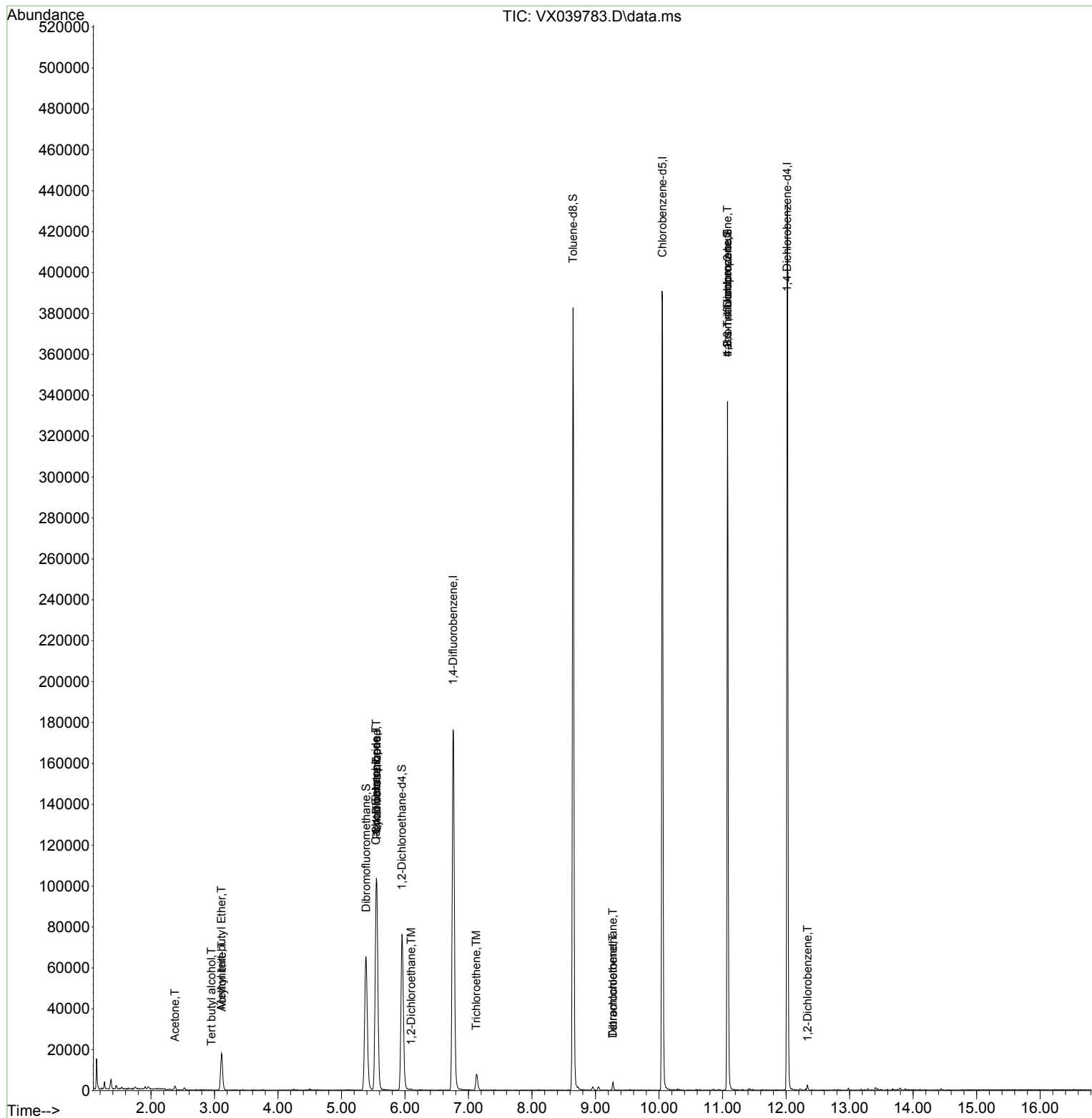
Internal Standards						
1) Pentafluorobenzene	5.556	168	93646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73331	46.746	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.500%		
35) Dibromofluoromethane	5.385	113	57479	47.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	8.647	98	217501	47.887	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.780%		
62) 4-Bromofluorobenzene	11.079	95	87805	49.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.880%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	83	0.203	ug/l #	78
15) Acrylonitrile	3.117	53	273	0.324	ug/l #	32
16) Acetone	2.380	43	2154	2.442	ug/l #	83
19) Methyl tert-butyl Ether	3.111	73	18503	4.624	ug/l	99
31) Cyclohexane	5.550	56	2561	1.237	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8508	4.539	ug/l #	50
38) Carbon Tetrachloride	5.544	117	10656	6.207	ug/l #	14
42) 1,2-Dichloroethane	6.098	62	453	0.224	ug/l #	77
44) Trichloroethene	7.123	130	3002	2.308	ug/l	91
60) Dibromochloromethane	9.275	129	646	0.507	ug/l #	11
64) Tetrachloroethene	9.275	164	657	0.590	ug/l #	66
76) 1,2,3-Trichloropropane	11.079	75	48657	22.547	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48657	65.254	ug/l #	5
91) 1,2-Dichlorobenzene	12.341	146	761	0.272	ug/l	93

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

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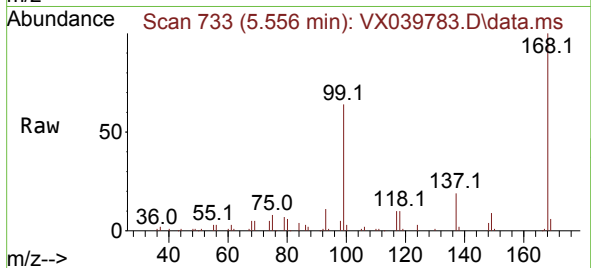
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



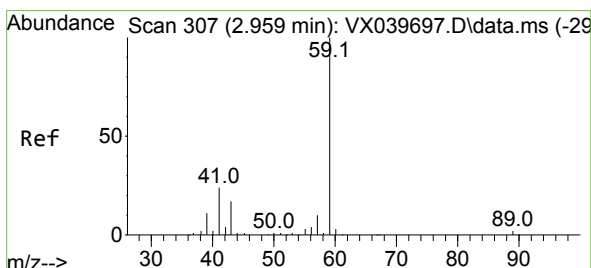
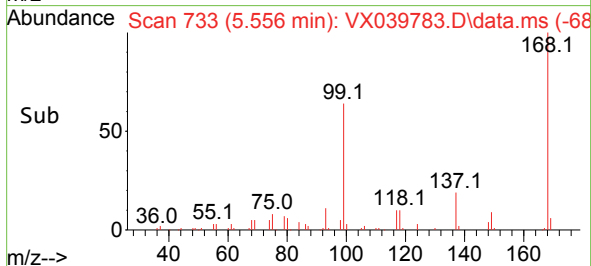
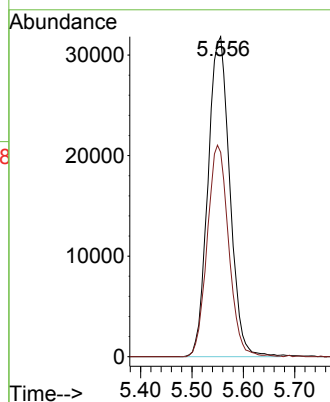


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

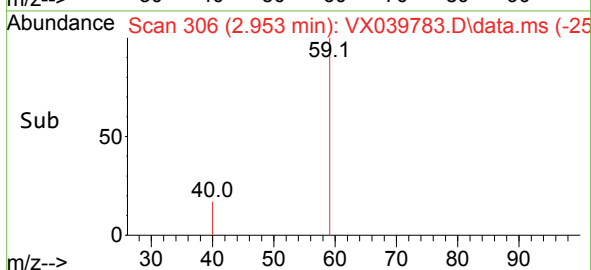
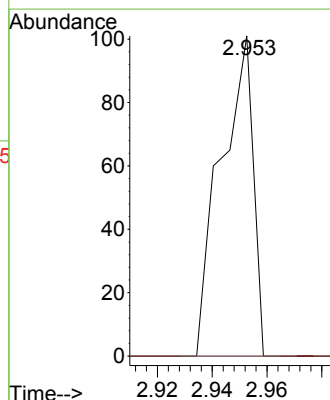
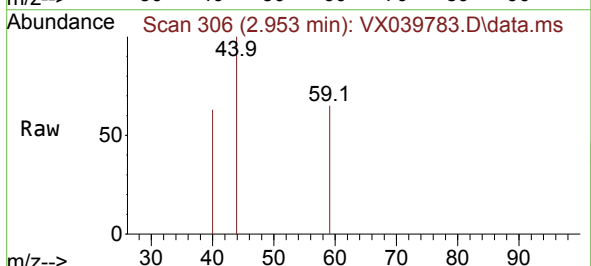


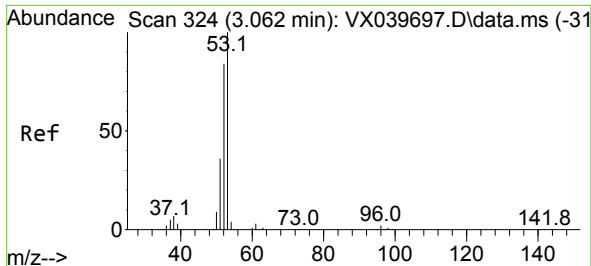
Tgt Ion:168 Resp: 93646
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.203 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

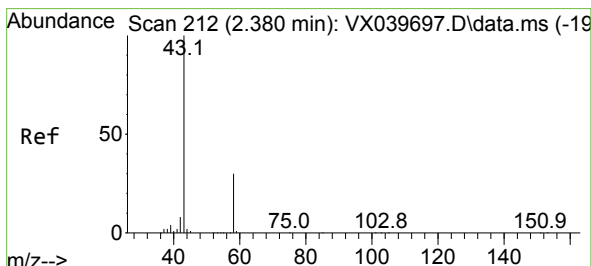
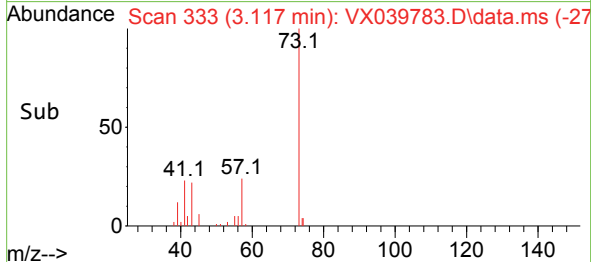
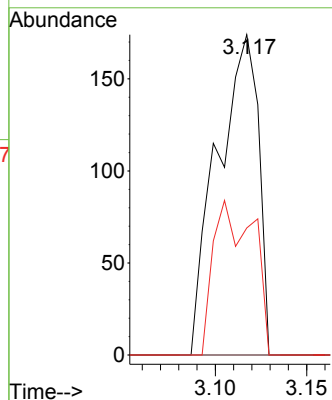
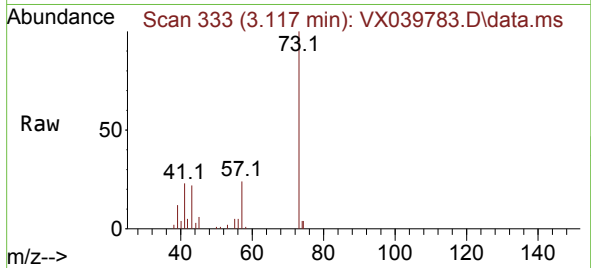




#15
Acrylonitrile
Concen: 0.324 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.055 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

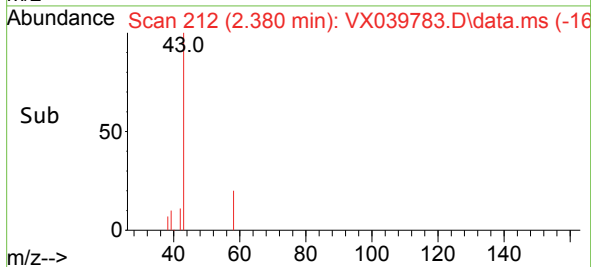
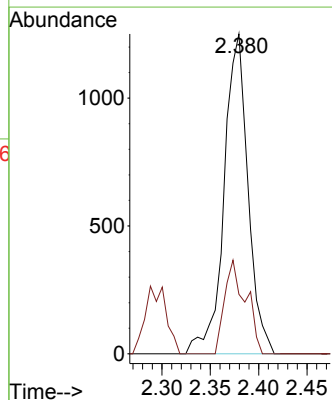
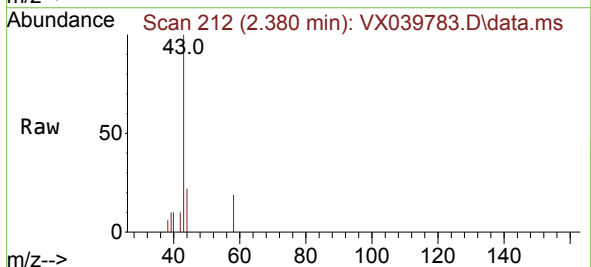
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

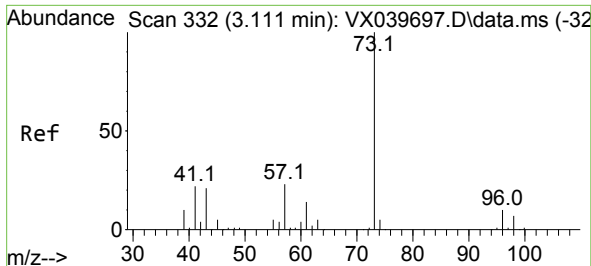
Tgt Ion: 53 Resp: 273
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 46.5 29.8 44.6#



#16
Acetone
Concen: 2.442 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 43 Resp: 2154
Ion Ratio Lower Upper
43 100
58 18.6 21.9 32.9#

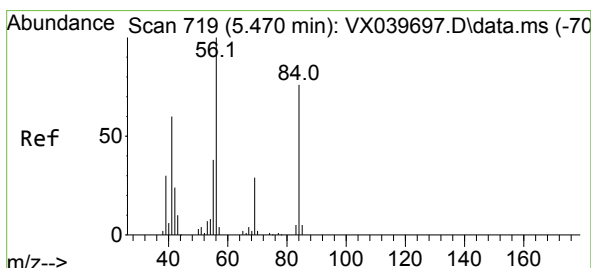
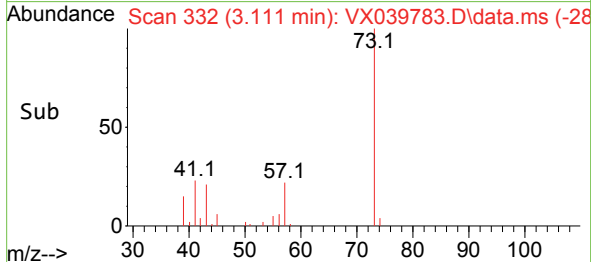
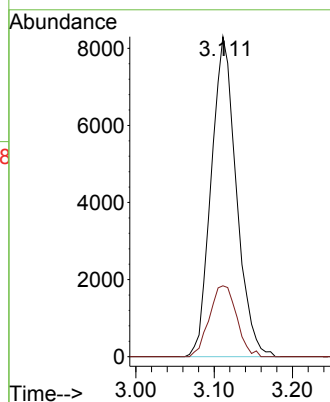
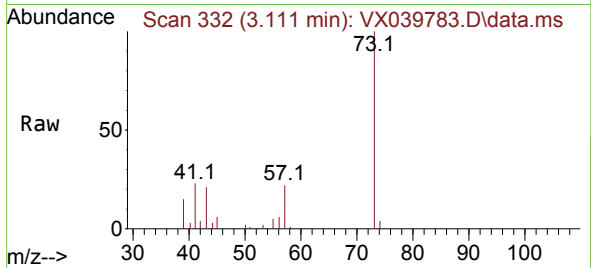




#19
Methyl tert-butyl Ether
Concen: 4.624 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

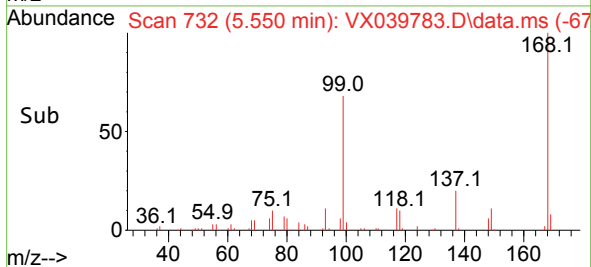
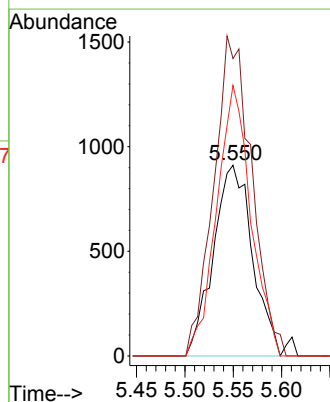
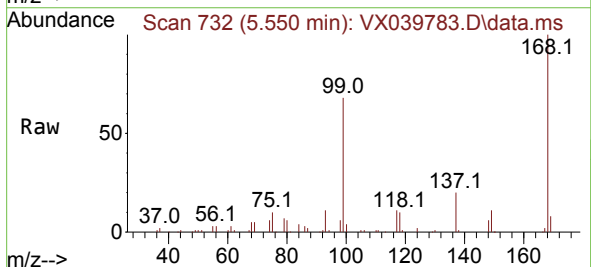
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

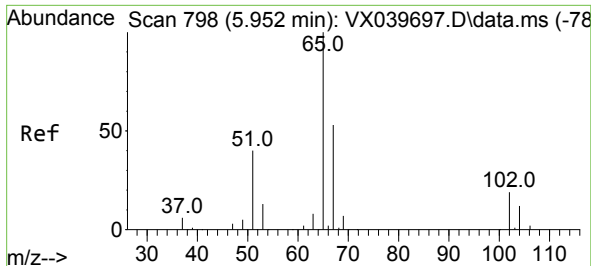
Tgt Ion: 73 Resp: 18503
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 56 Resp: 2561
Ion Ratio Lower Upper
56 100
69 156.0 23.4 35.2#
84 141.9 65.9 98.9#

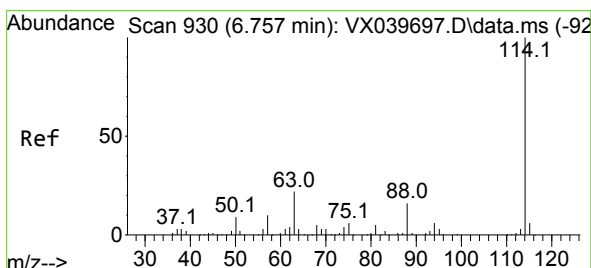
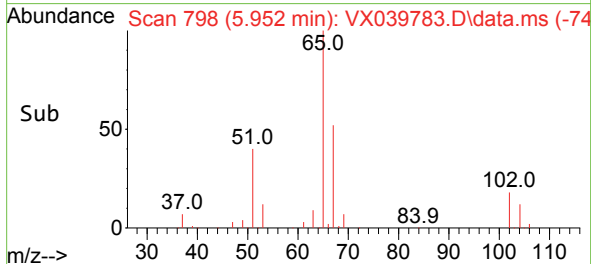
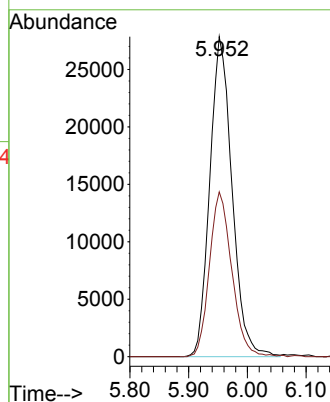
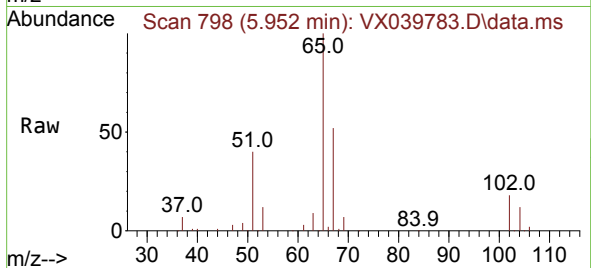




#33
 1,2-Dichloroethane-d4
 Concen: 46.746 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX039783.D
 Acq: 16 Jan 2024 18:33

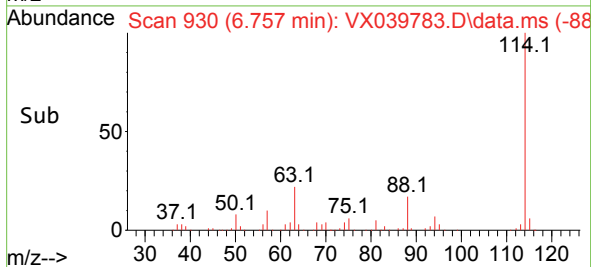
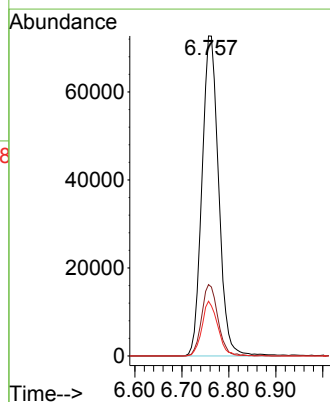
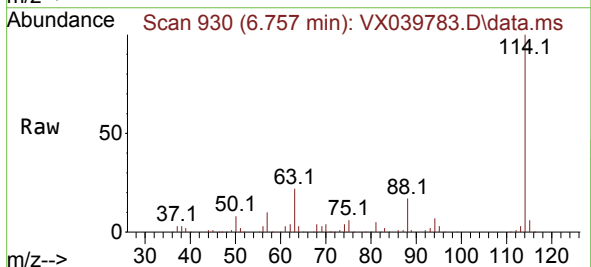
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-238-240

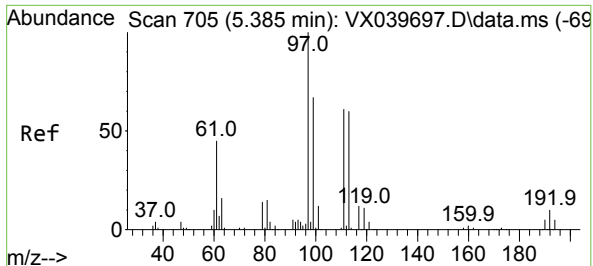
Tgt Ion: 65 Resp: 73331
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX039783.D
 Acq: 16 Jan 2024 18:33

Tgt Ion:114 Resp: 178794
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.730 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039783.D

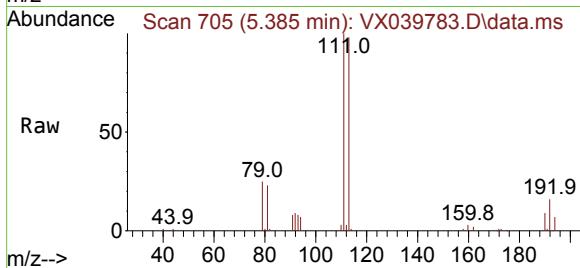
Acq: 16 Jan 2024 18:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-238-240



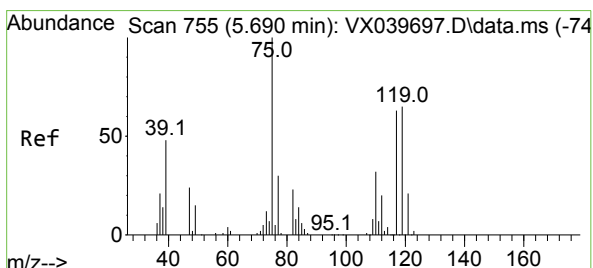
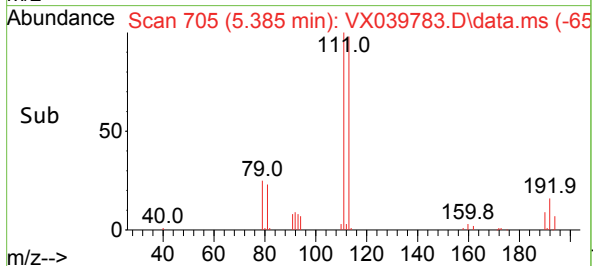
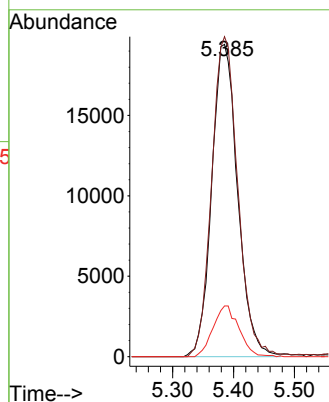
Tgt Ion:113 Resp: 57479

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 16.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.539 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039783.D

Acq: 16 Jan 2024 18:33

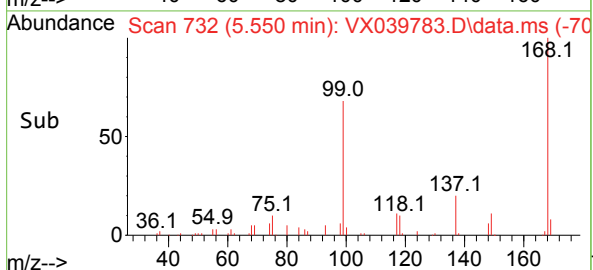
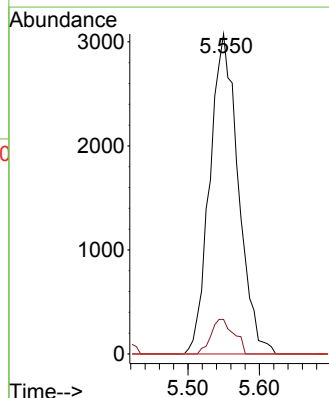
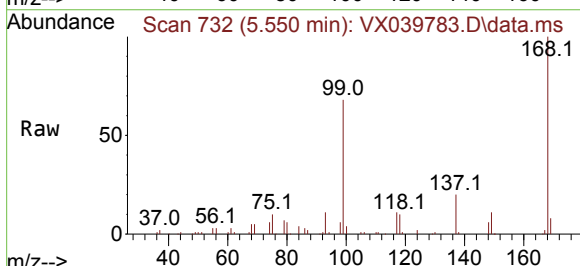
Tgt Ion: 75 Resp: 8508

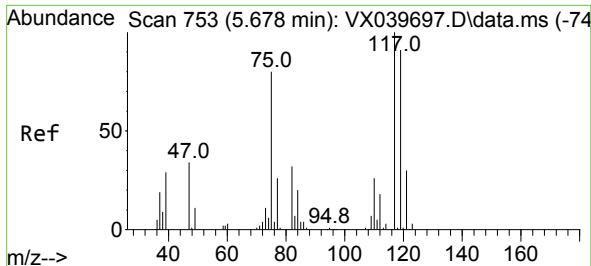
Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

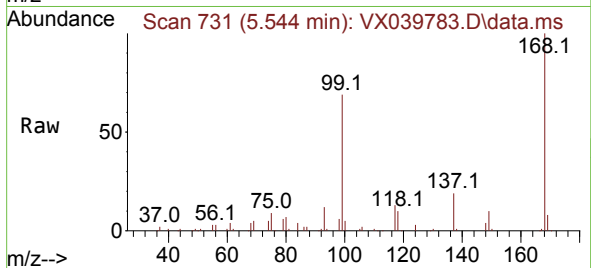
77 0.0 24.7 37.1#



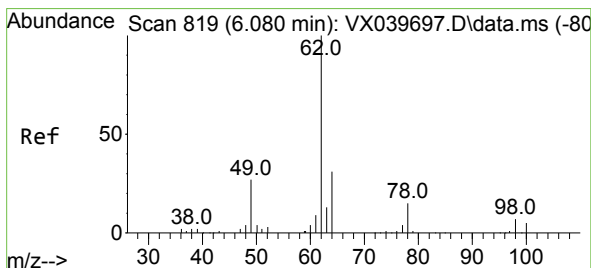
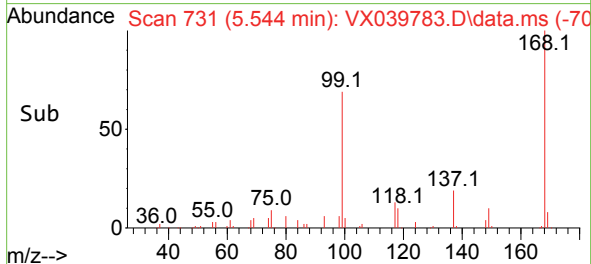
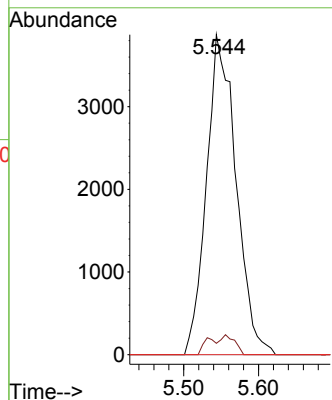


#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Instrument :
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ClientSampleId :
BP-VPB-191-GW-238-240

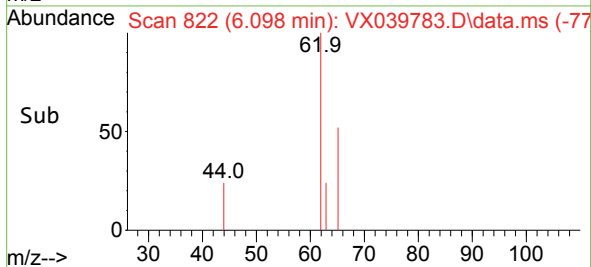
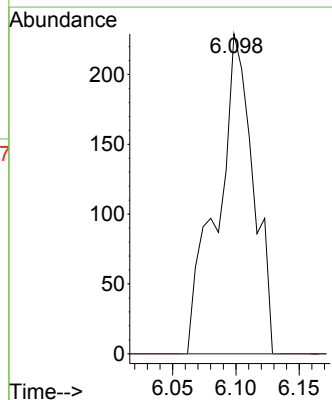
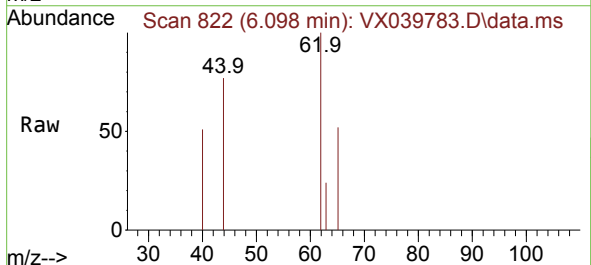


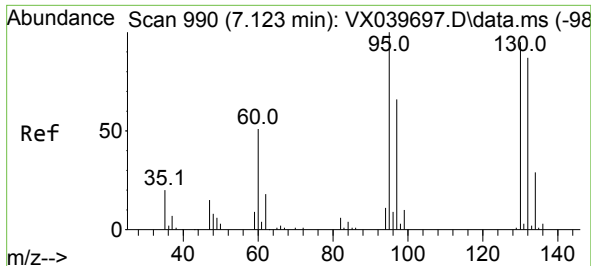
Tgt Ion:117 Resp: 10656
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#42
1,2-Dichloroethane
Concen: 0.224 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.018 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 62 Resp: 453
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

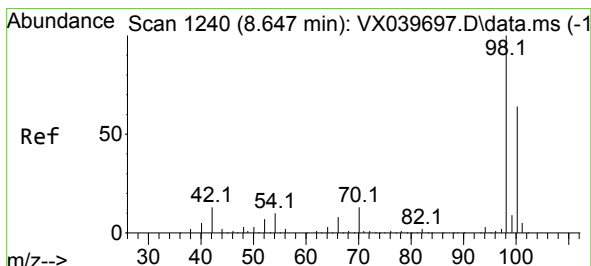
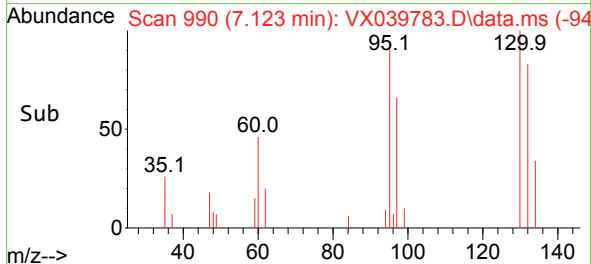
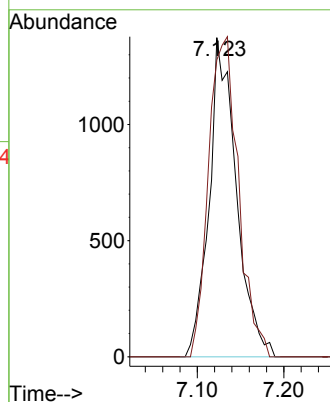
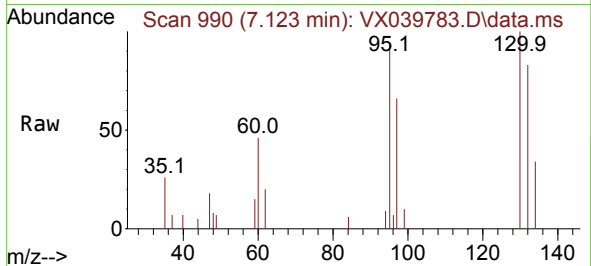




#44
Trichloroethene
Concen: 2.308 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

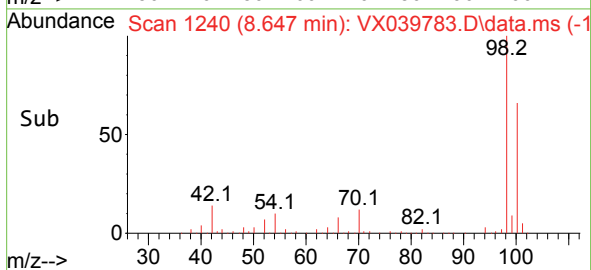
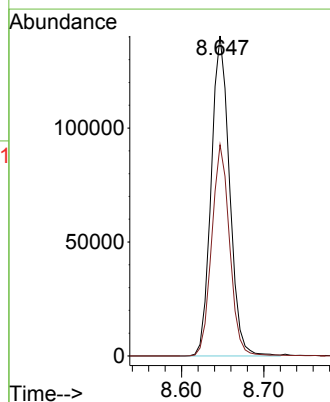
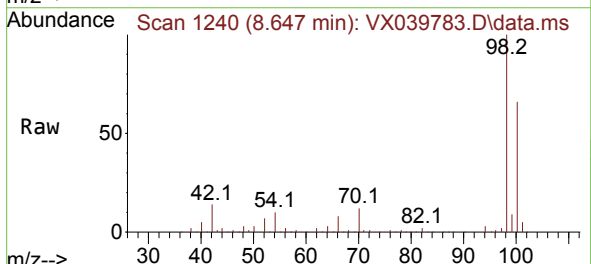
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

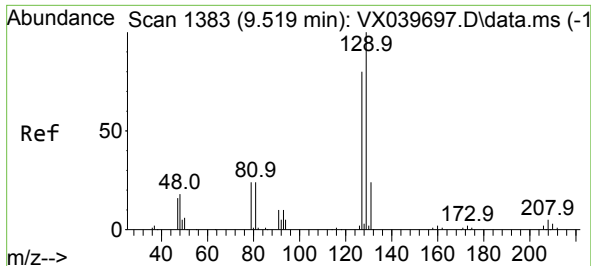
Tgt Ion:130 Resp: 3002
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4



#50
Toluene-d8
Concen: 47.887 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 98 Resp: 217501
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

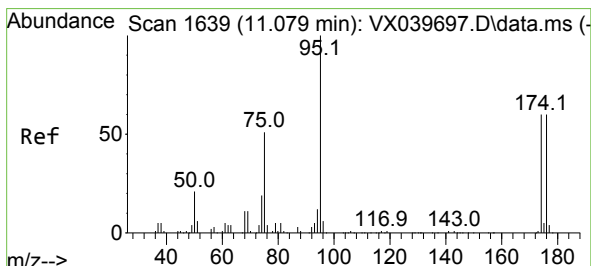
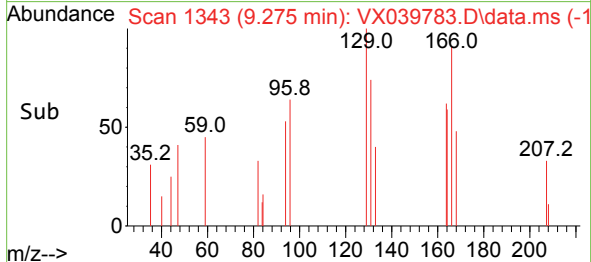
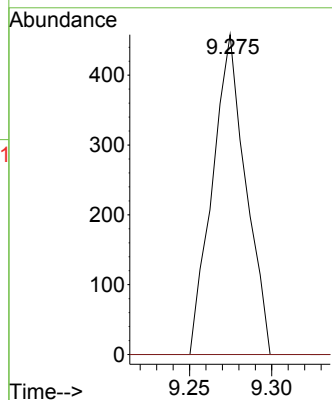
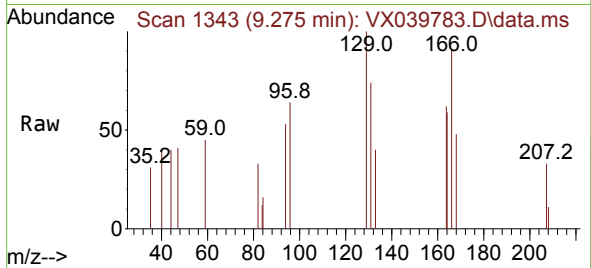




#60
Dibromochloromethane
Concen: 0.507 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

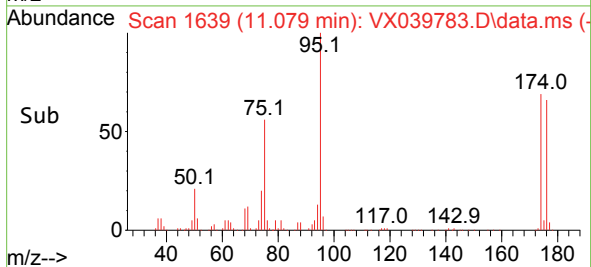
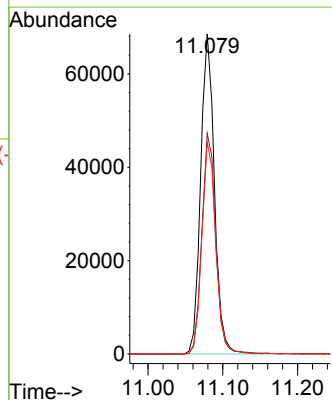
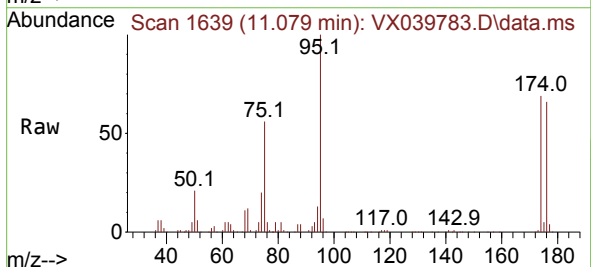
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

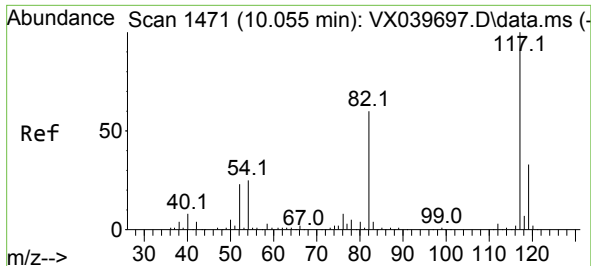
Tgt Ion:129 Resp: 646
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 95 Resp: 87805
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.6
176 66.3 0.0 131.0

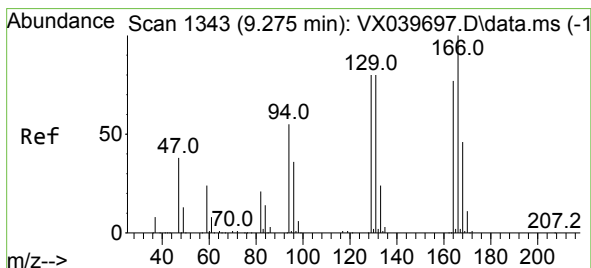
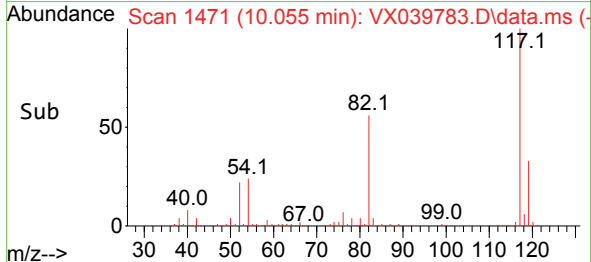
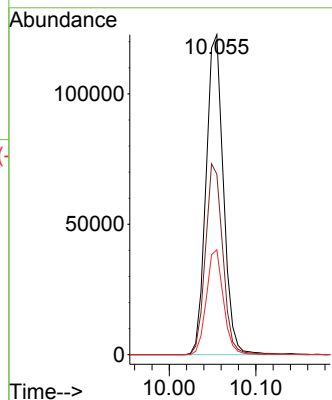
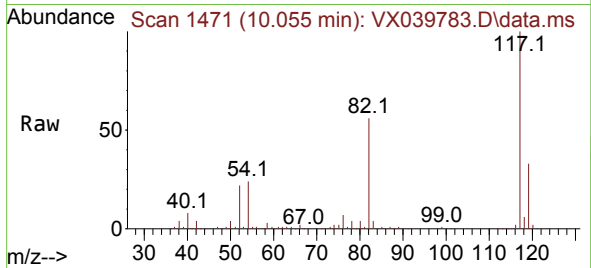




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

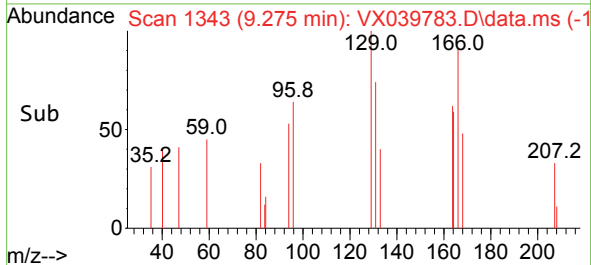
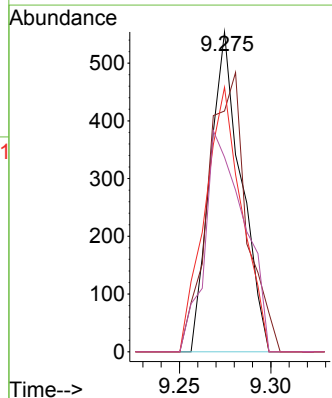
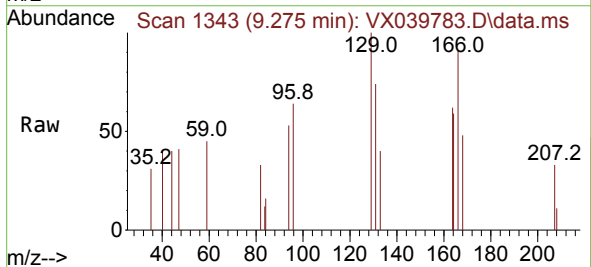
Instrument : MSVOA_X
ClientSampleId : BP-VPB-191-GW-238-240

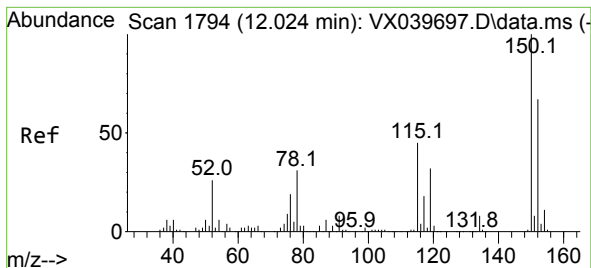
Tgt Ion:117 Resp: 171124
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.590 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion:164 Resp: 657
Ion Ratio Lower Upper
164 100
166 75.3 102.7 154.1#
129 82.7 80.4 120.6
131 60.8 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039783.D

Acq: 16 Jan 2024 18:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-238-240

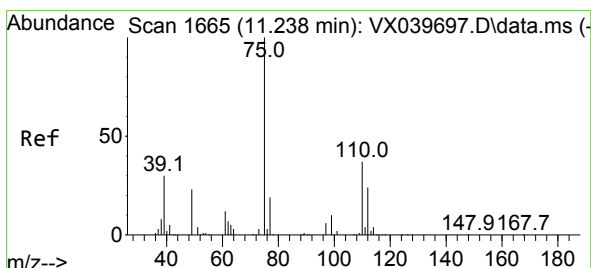
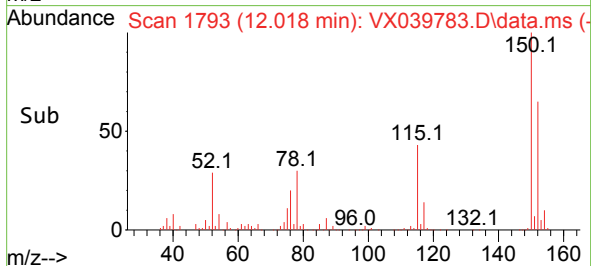
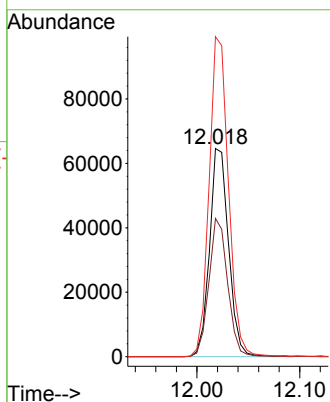
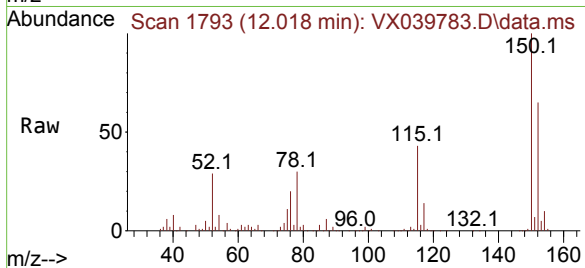
Tgt Ion:152 Resp: 83239

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.547 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039783.D

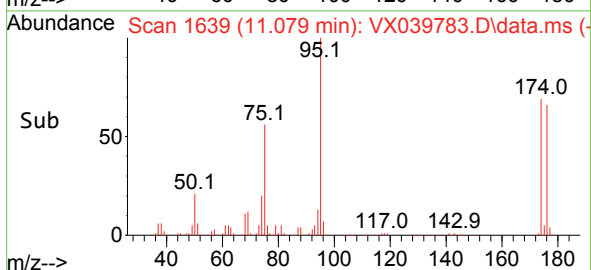
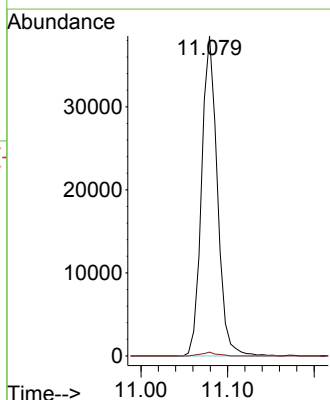
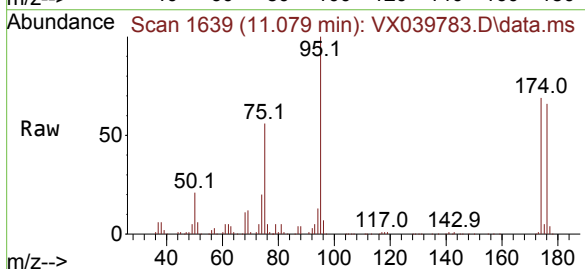
Acq: 16 Jan 2024 18:33

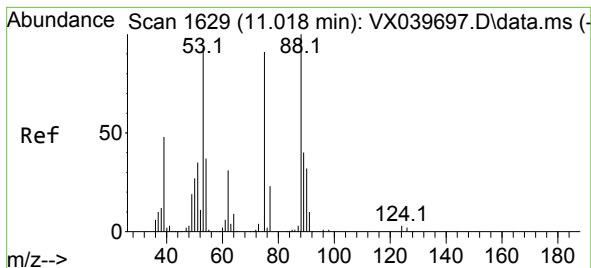
Tgt Ion: 75 Resp: 48657

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

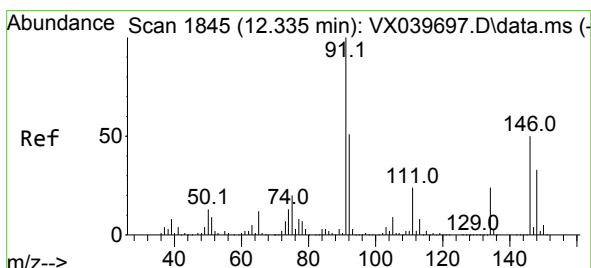
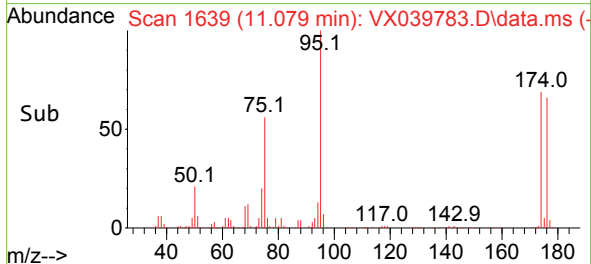
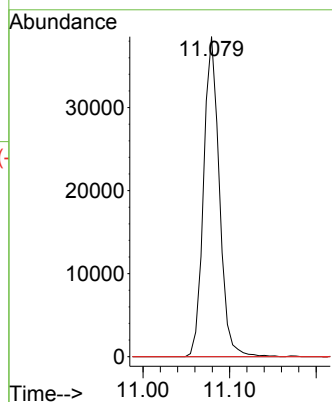
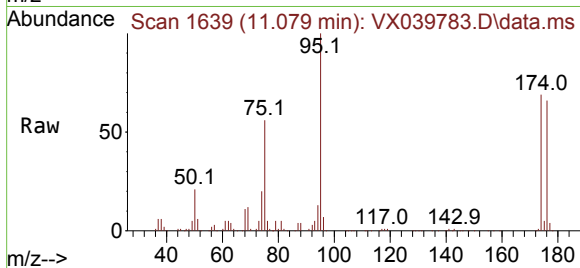




#81
trans-1,4-Dichloro-2-butene
Concen: 65.254 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

Tgt Ion: 75 Resp: 48657
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#91
1,2-Dichlorobenzene
Concen: 0.272 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 146 Resp: 761
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.0
148 72.4 31.6 95.0

