

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039890.D
 Acq On : 22 Jan 2024 17:38
 Operator : JC/MD
 Sample : P1215-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240117

Quant Time: Jan 23 00:20:08 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)

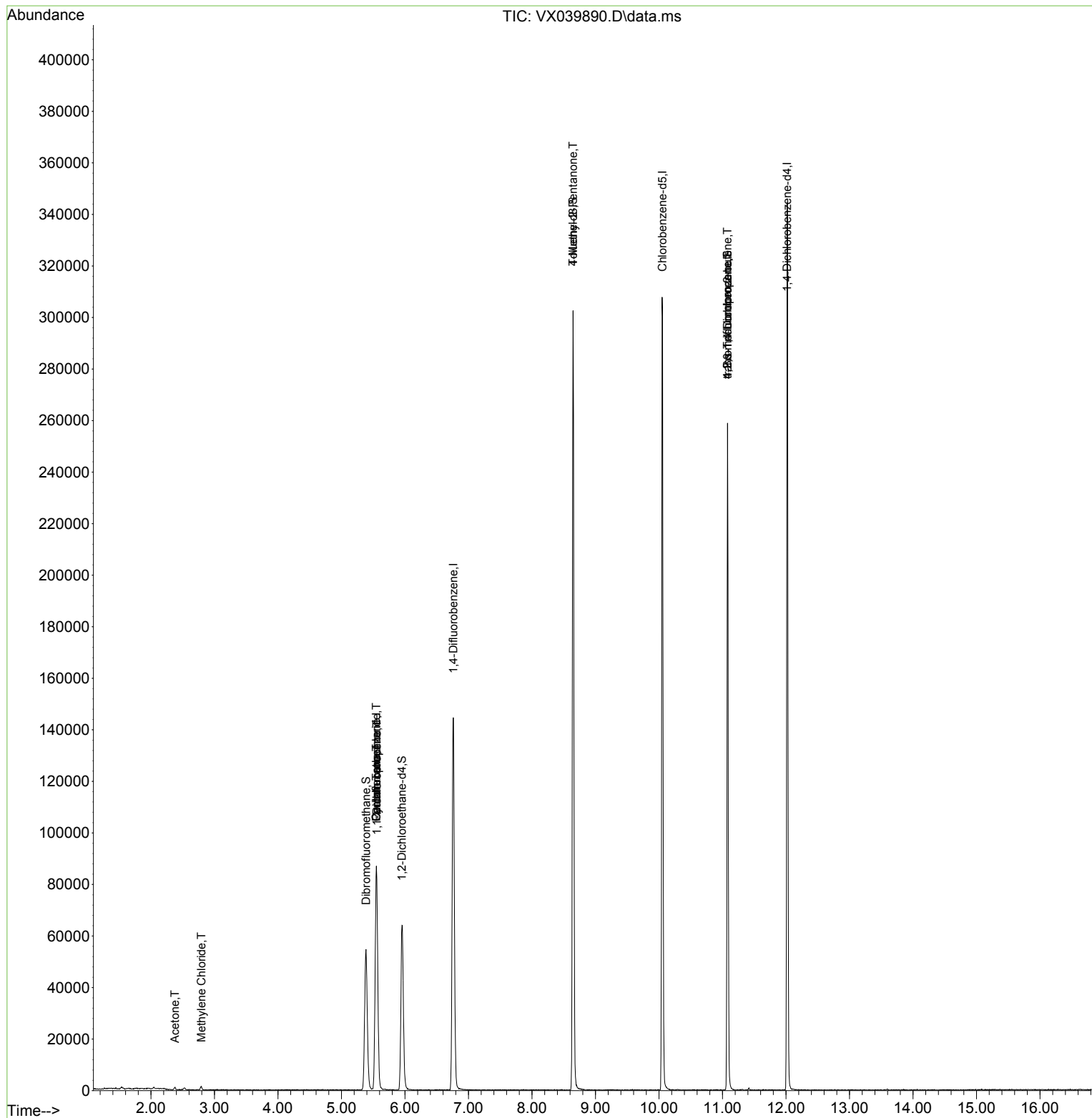
Internal Standards						
1) Pentafluorobenzene	5.550	168	77102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61662	47.742	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.480%
35) Dibromofluoromethane	5.385	113	47765	49.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	8.647	98	173310	47.704	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.400%
62) 4-Bromofluorobenzene	11.079	95	67484	47.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	911	1.254	ug/l	99
20) Methylene Chloride	2.794	84	562	0.512	ug/l #	93
31) Cyclohexane	5.550	56	2122	1.245	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	7117	4.747	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8435	6.142	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	908	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37276	22.487	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	37276	65.101	ug/l #	5

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

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BP-VPB-195-TB-20240117

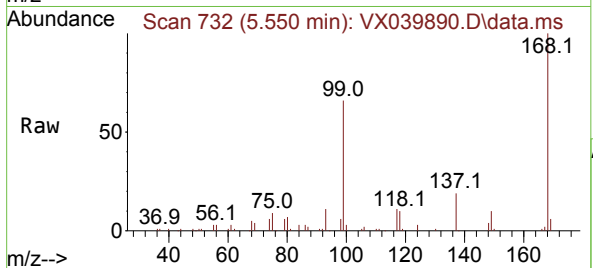
Quant Time: Jan 23 00:20:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



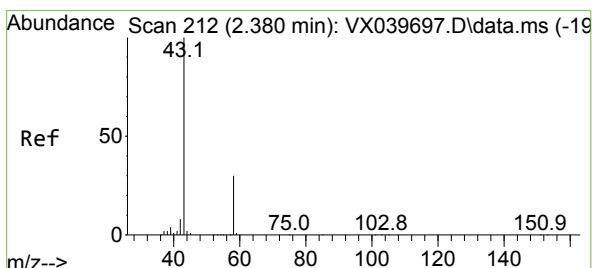
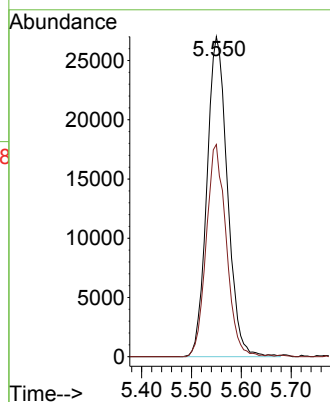
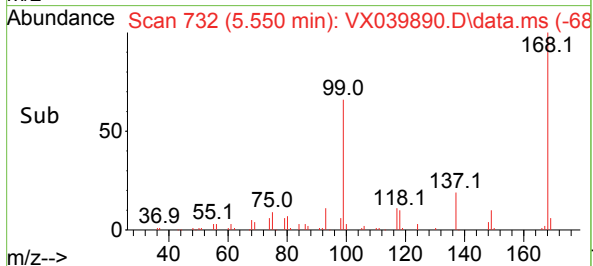


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240117

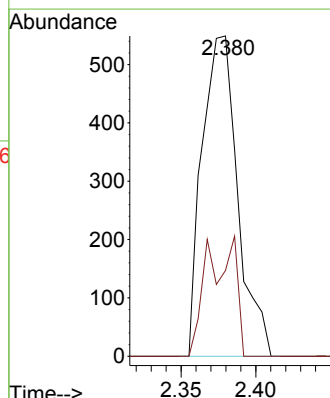
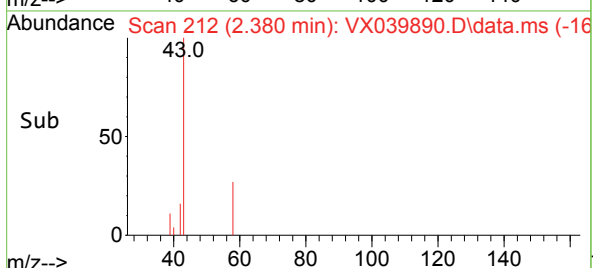
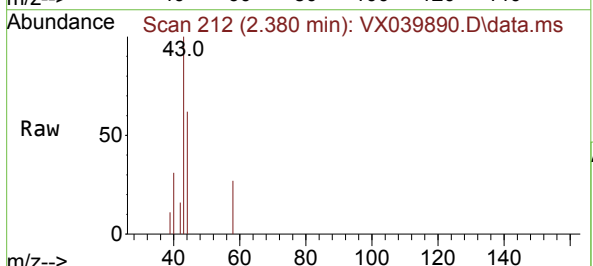


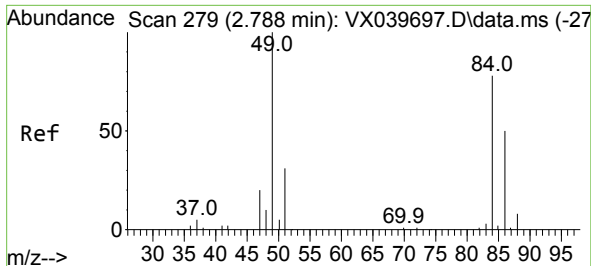
Tgt Ion:168 Resp: 77102
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#16
Acetone
Concen: 1.254 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

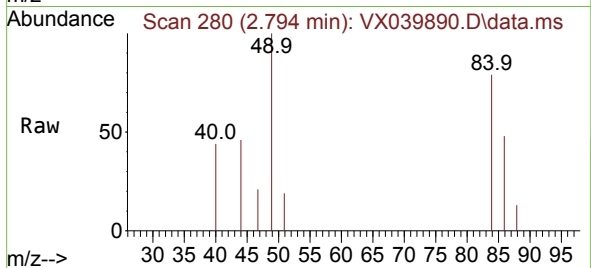
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9



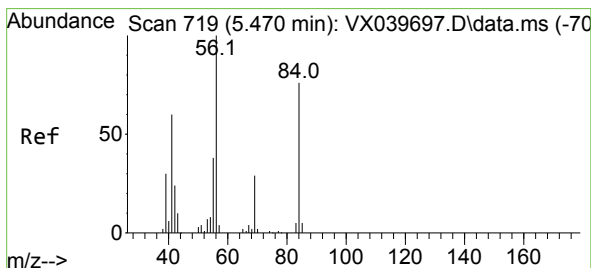
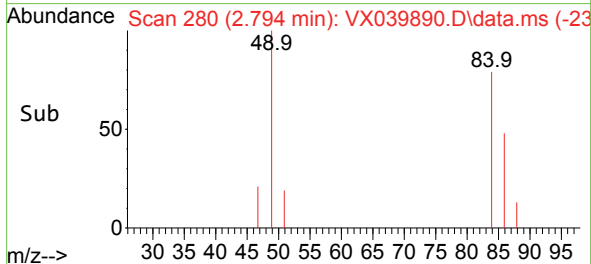
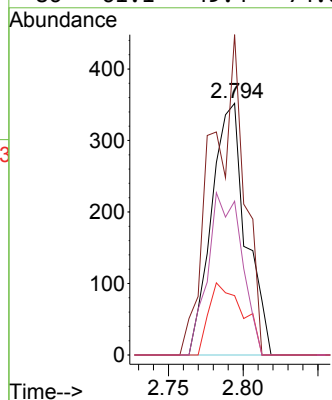


#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240117

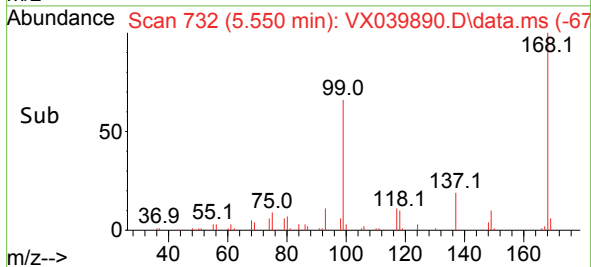
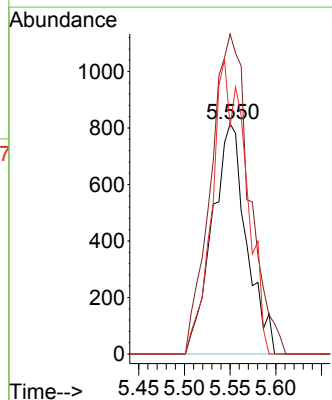
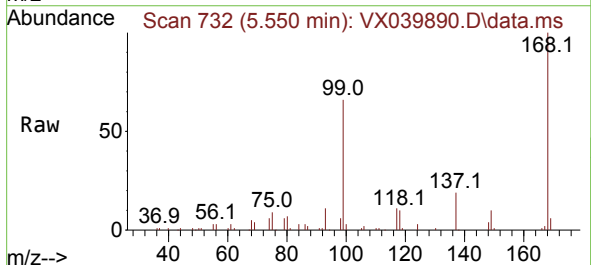


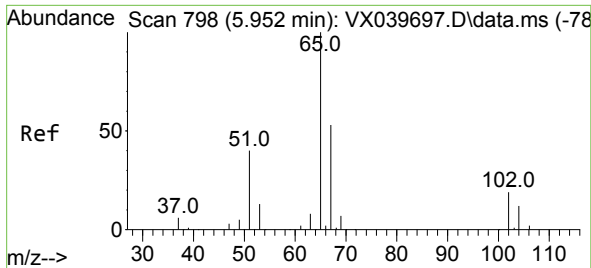
Tgt Ion: 84	Resp: 562
Ion Ratio	Lower Upper
84 100	
49 127.3	103.6 155.4
51 23.6	33.8 50.6#
86 61.1	49.4 74.0



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

Tgt Ion: 56	Resp: 2122
Ion Ratio	Lower Upper
56 100	
69 139.0	23.4 35.2#
84 98.9	65.9 98.9#

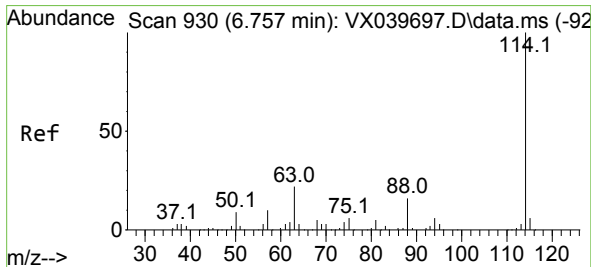
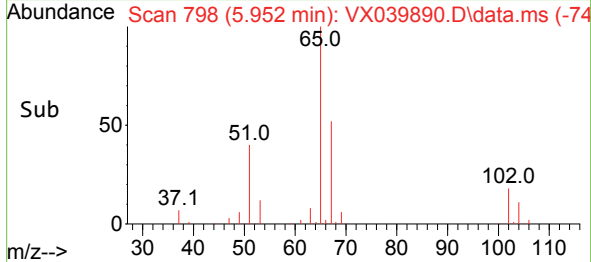
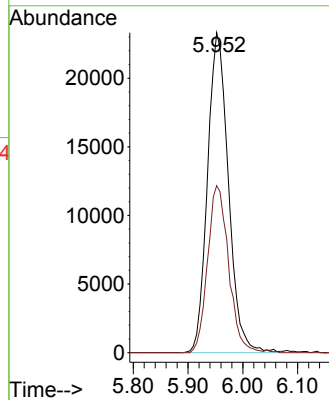
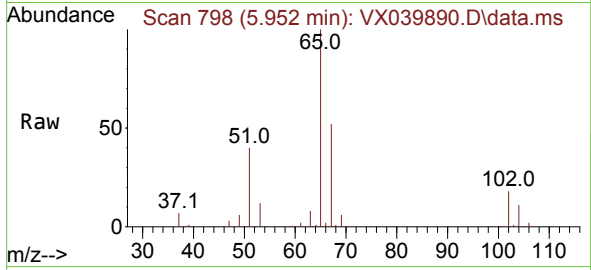




#33
1,2-Dichloroethane-d4
Concen: 47.742 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

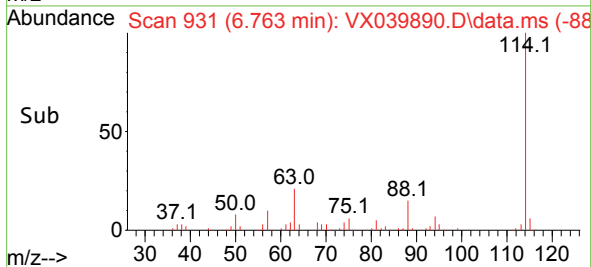
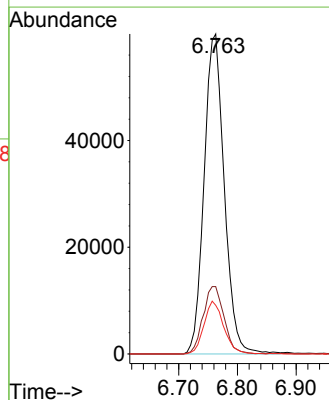
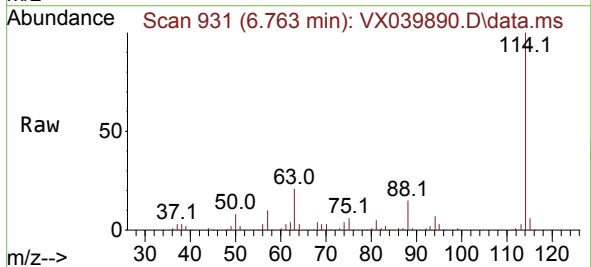
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240117

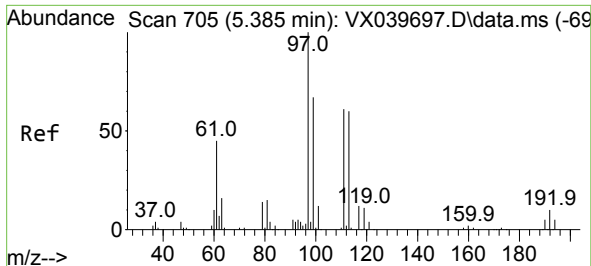
Tgt Ion: 65 Resp: 61662
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

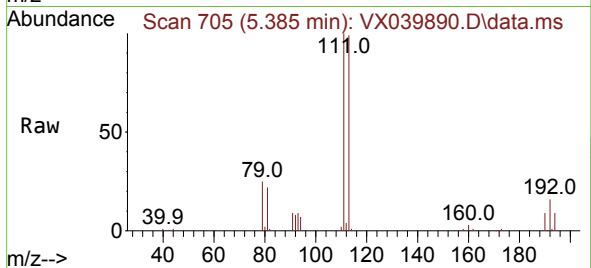
Tgt Ion: 114 Resp: 143016
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.2 0.0 36.6



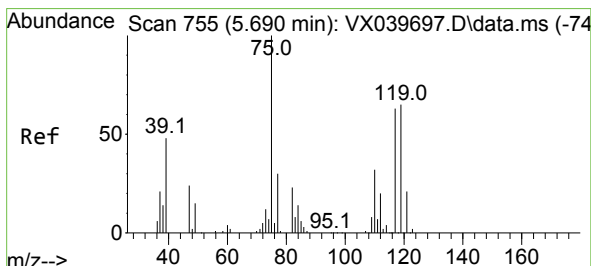
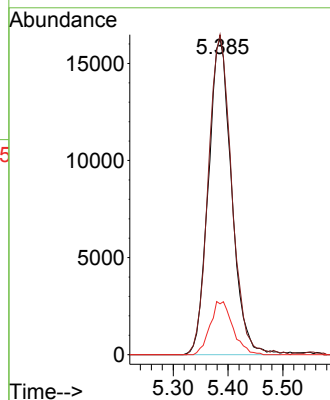
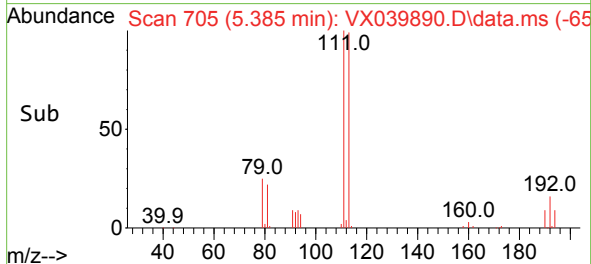


#35
Dibromofluoromethane
Concen: 49.586 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

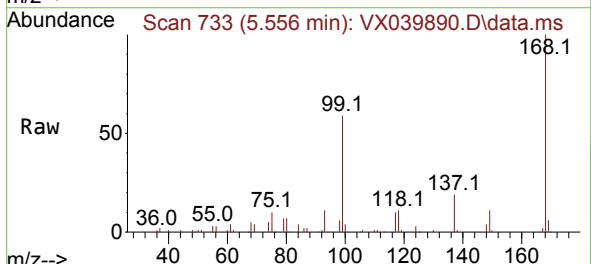
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240117



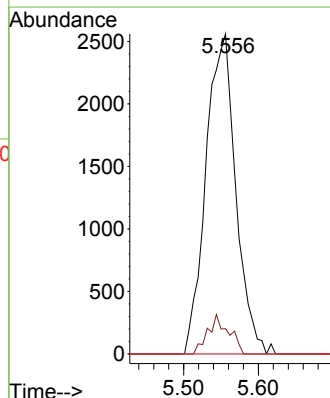
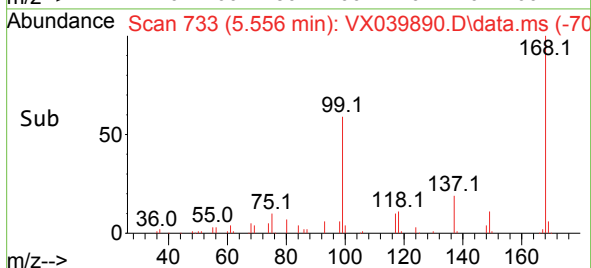
Tgt Ion:113 Resp: 47765
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 16.5 13.3 19.9

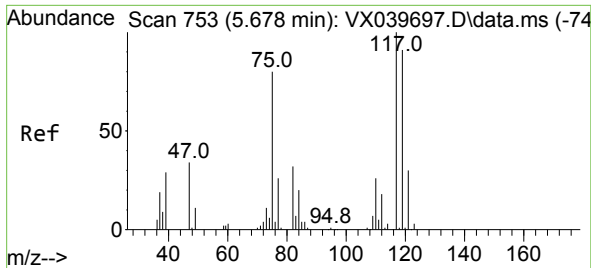


#36
1,1-Dichloropropene
Concen: 4.747 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38



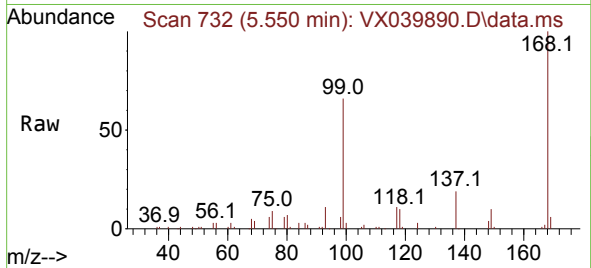
Tgt Ion: 75 Resp: 7117
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



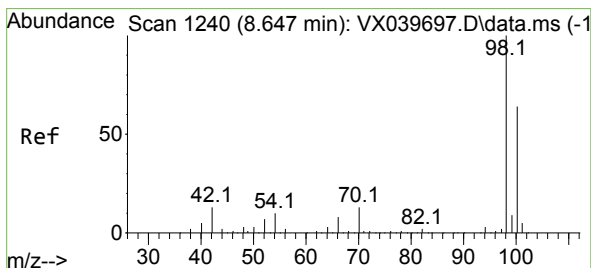
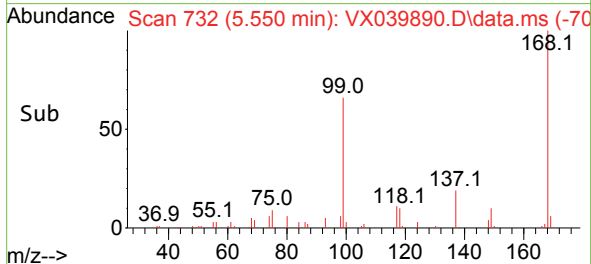
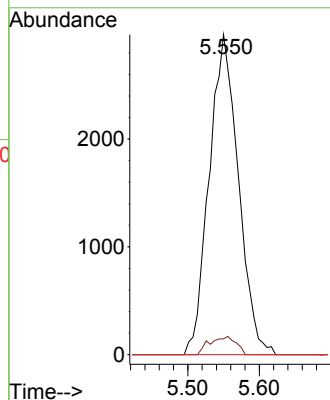


#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240117

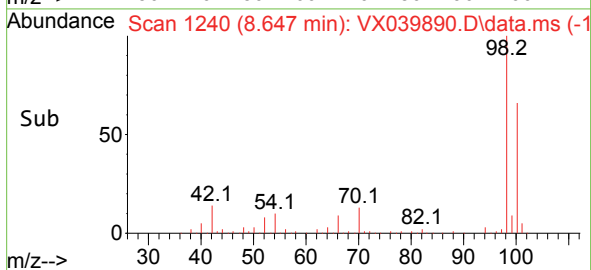
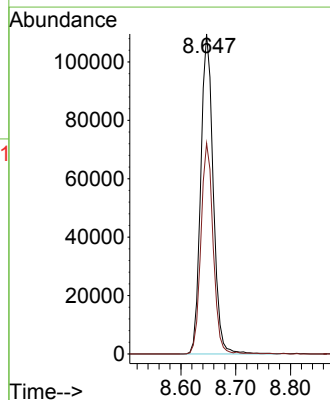
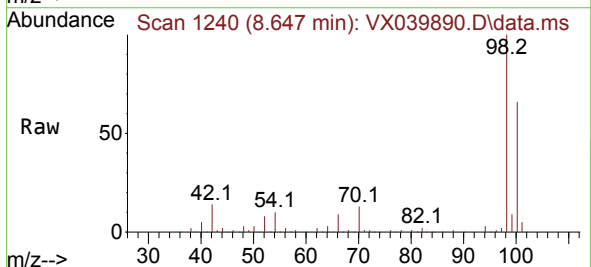


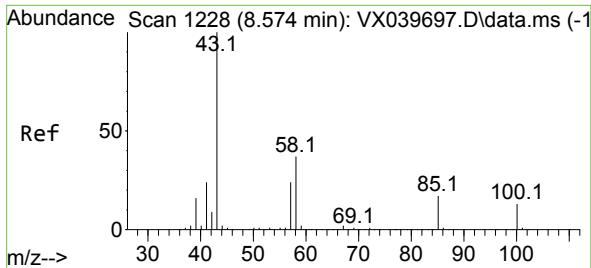
Tgt Ion:117 Resp: 8435
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.704 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

Tgt Ion: 98 Resp: 173310
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

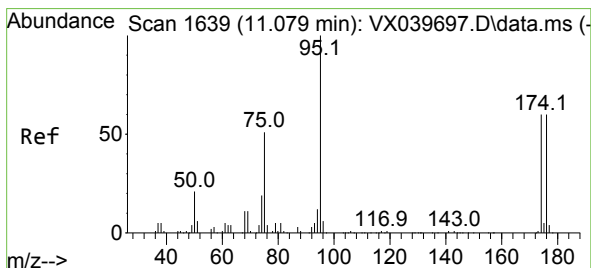
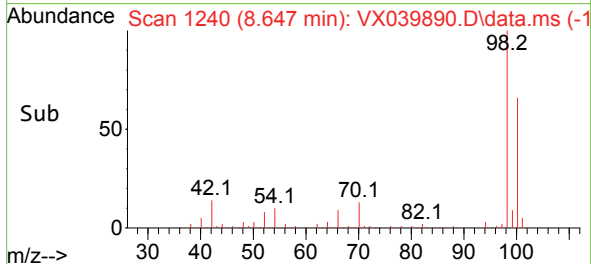
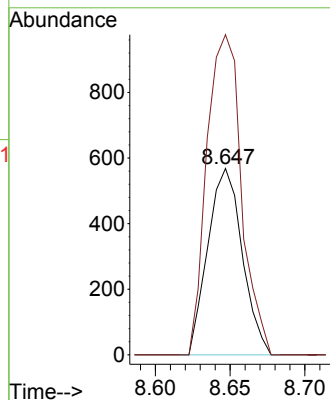
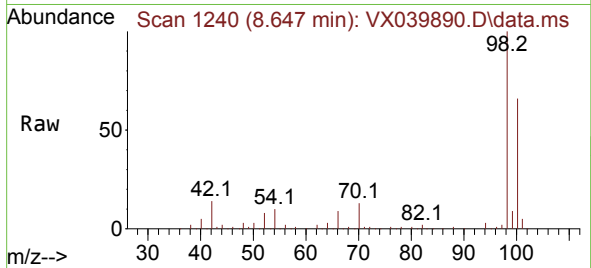




#51
4-Methyl-2-Pentanone
Concen: 0.449 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

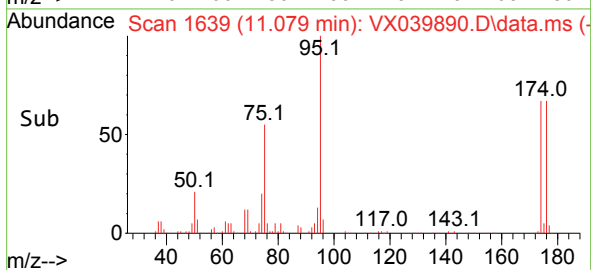
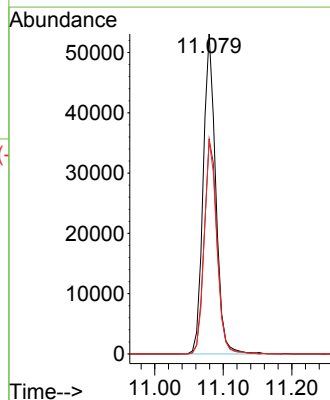
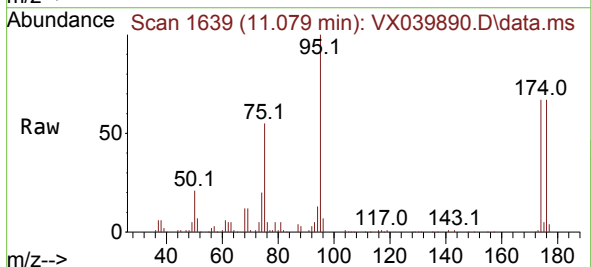
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ClientSampleId :
BP-VPB-195-TB-20240117

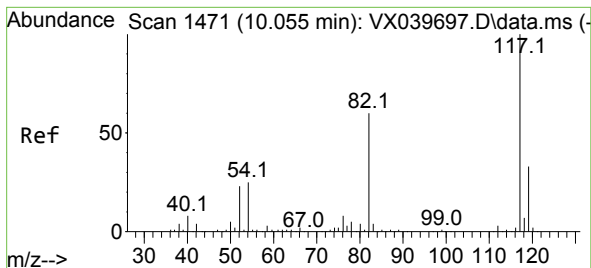
Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 172.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

Tgt Ion: 95 Resp: 67484
Ion Ratio Lower Upper
95 100
174 69.6 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: VX039890.D

Acq: 22 Jan 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240117

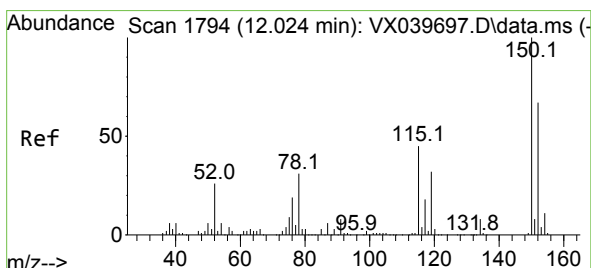
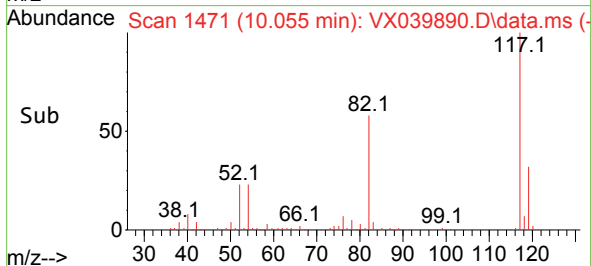
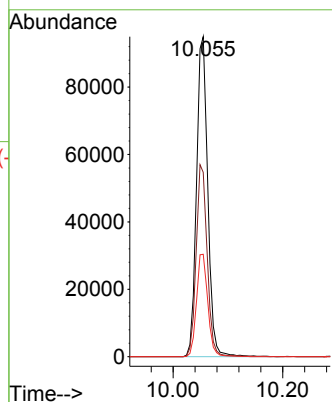
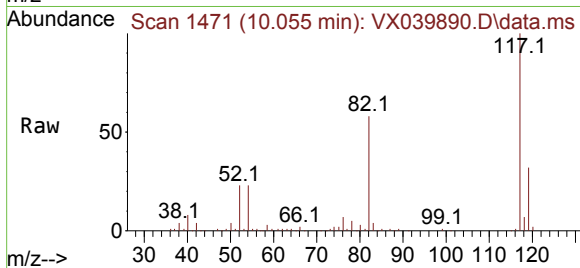
Tgt Ion:117 Resp: 135729

Ion Ratio Lower Upper

117 100

82 57.6 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: VX039890.D

Acq: 22 Jan 2024 17:38

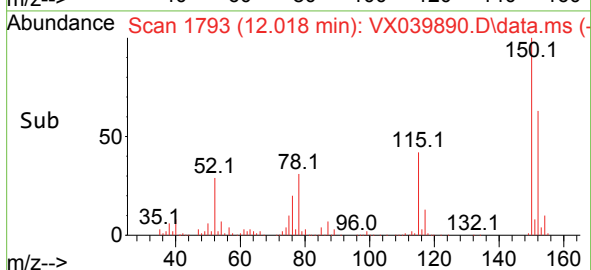
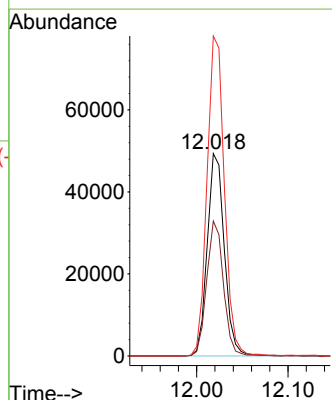
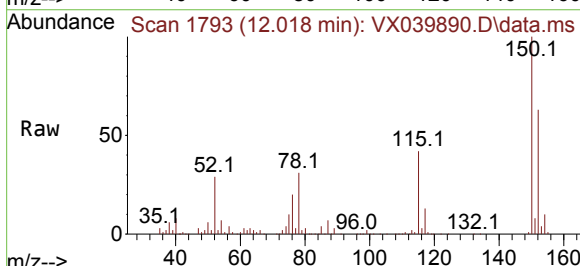
Tgt Ion:152 Resp: 63938

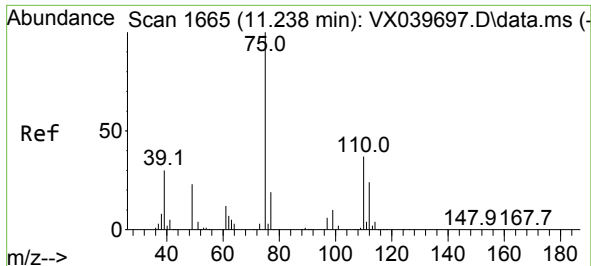
Ion Ratio Lower Upper

152 100

115 65.3 43.3 129.9

150 160.4 0.0 345.0

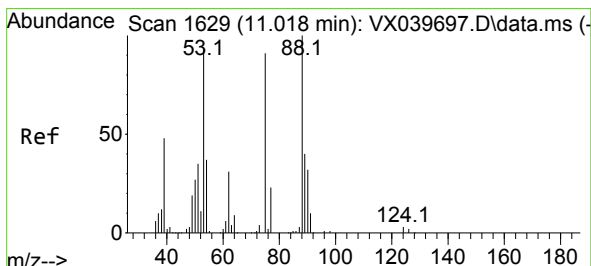
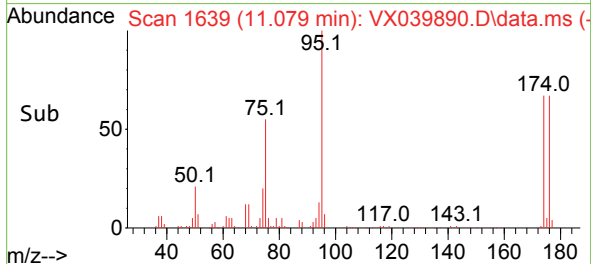
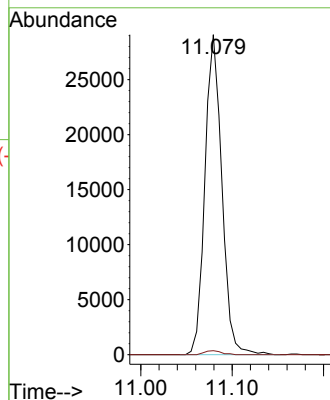
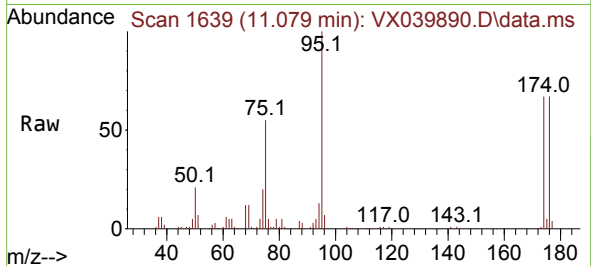




#76
1,2,3-Trichloropropane
Concen: 22.487 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240117

Tgt Ion: 75 Resp: 37276
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039890.D
Acq: 22 Jan 2024 17:38

Tgt Ion: 75 Resp: 37276
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

