

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039778.D
 Acq On : 16 Jan 2024 16:39
 Operator : JC/MD
 Sample : P1149-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-EB-20240111

Quant Time: Jan 17 01:51:31 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)

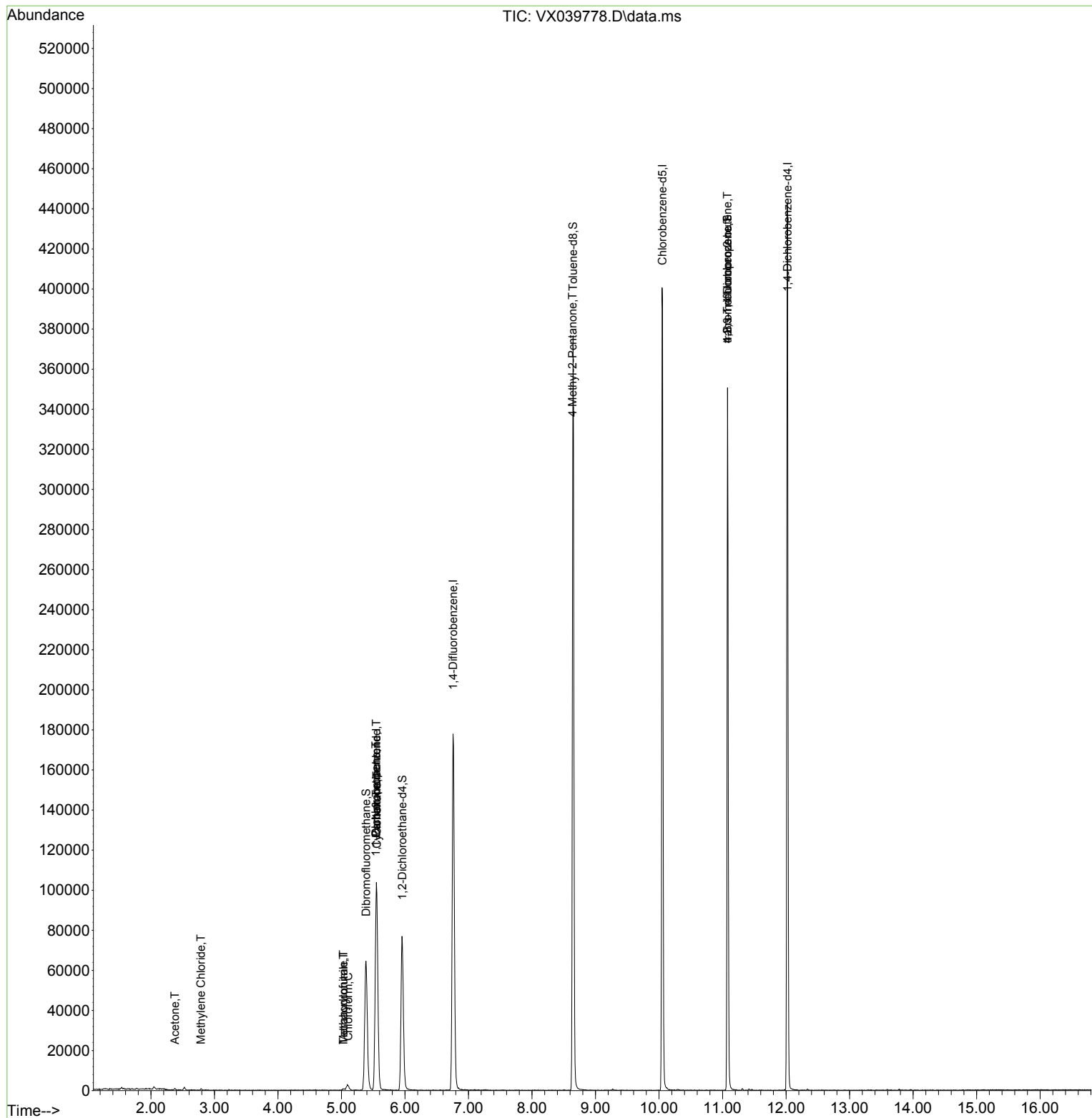
Internal Standards						
1) Pentafluorobenzene	5.550	168	91604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71179	46.386	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.780%
35) Dibromofluoromethane	5.385	113	57012	48.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	8.647	98	217509	48.788	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	90779	52.070	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.140%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	850	0.985	ug/l	97
20) Methylene Chloride	2.788	84	269	0.206	ug/l #	67
29) Tetrahydrofuran	5.032	42	623	0.780	ug/l #	50
30) Chloroform	5.105	83	3060	1.361	ug/l	98
31) Cyclohexane	5.556	56	2330	1.151	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	8712	4.735	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10223	6.066	ug/l #	15
41) Methacrylonitrile	5.032	41	381	0.317	ug/l #	45
51) 4-Methyl-2-Pentanone	8.641	43	1127	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49570	21.893	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49570	63.569	ug/l #	5

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

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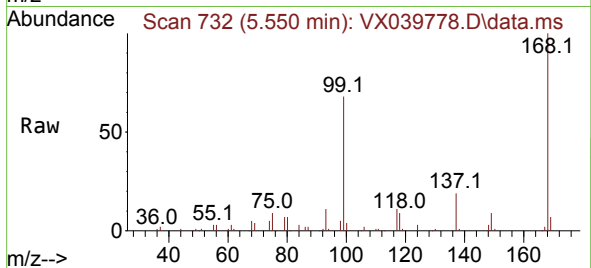
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



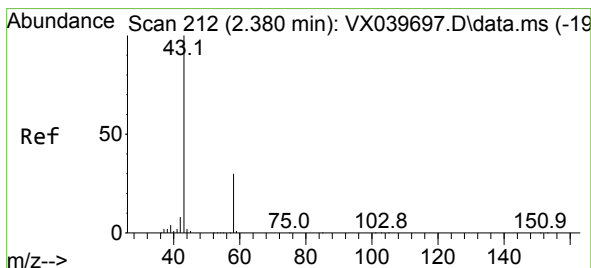
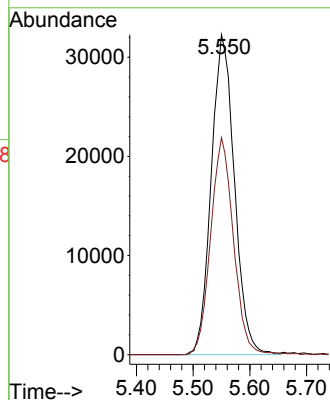
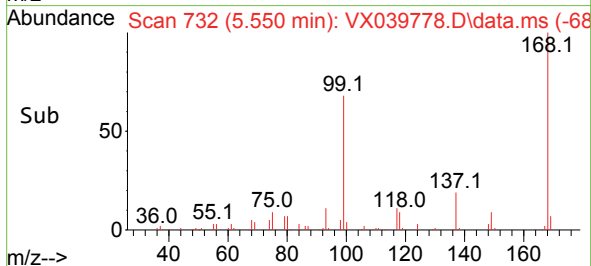


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240111

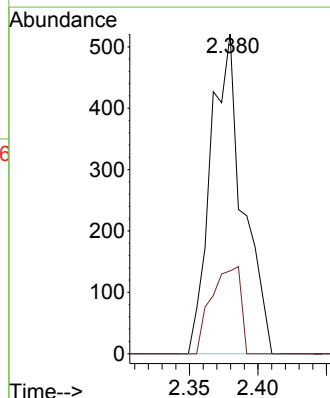
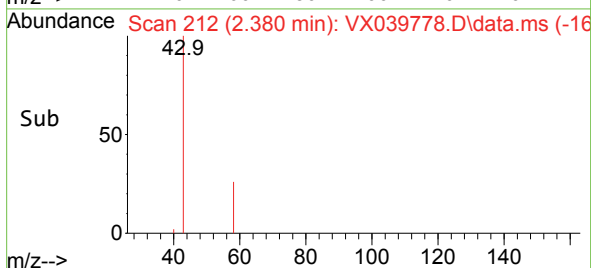
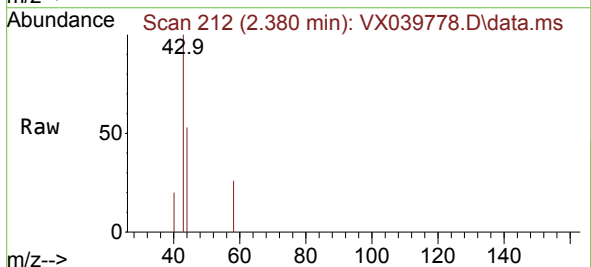


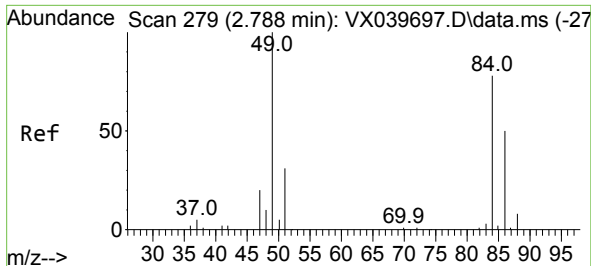
Tgt Ion:168 Resp: 91604
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#16
Acetone
Concen: 0.985 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9





#20

Methylene Chloride

Concen: 0.206 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039778.D

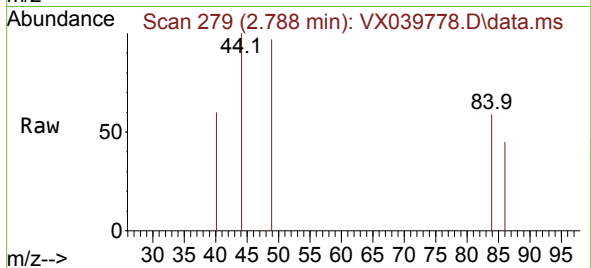
Acq: 16 Jan 2024 16:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-EB-20240111



Tgt Ion: 84 Resp: 269

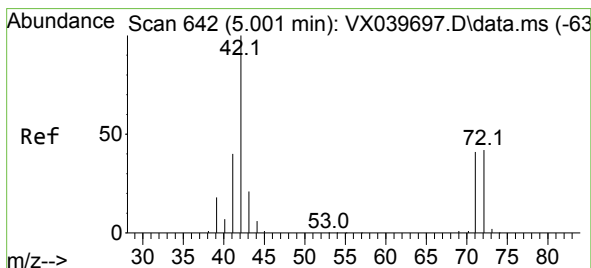
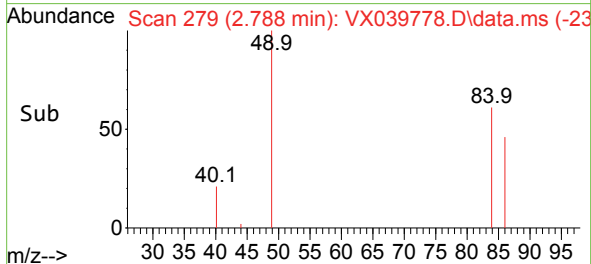
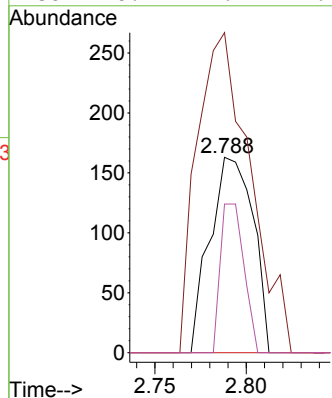
Ion Ratio Lower Upper

84 100

49 163.8 103.6 155.4#

51 0.0 33.8 50.6#

86 76.1 49.4 74.0#



#29

Tetrahydrofuran

Concen: 0.780 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.030 min

Lab File: VX039778.D

Acq: 16 Jan 2024 16:39

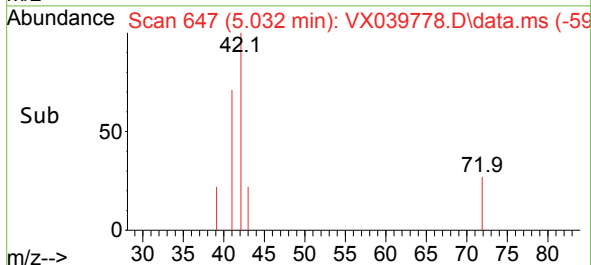
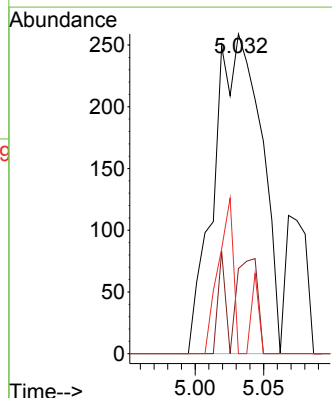
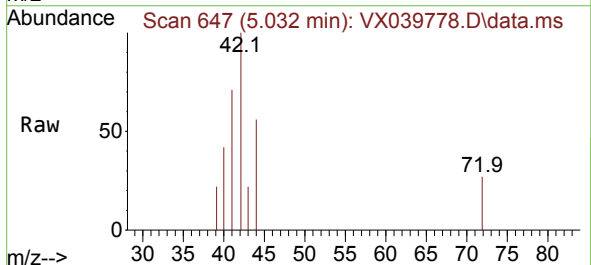
Tgt Ion: 42 Resp: 623

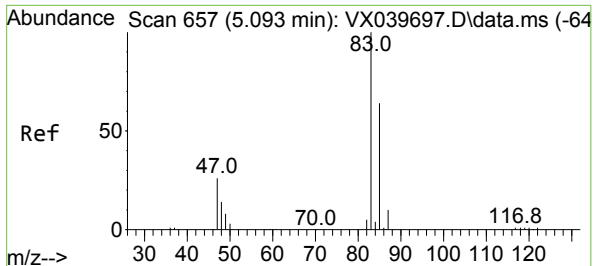
Ion Ratio Lower Upper

42 100

72 4.8 34.2 51.4#

71 15.4 32.2 48.2#

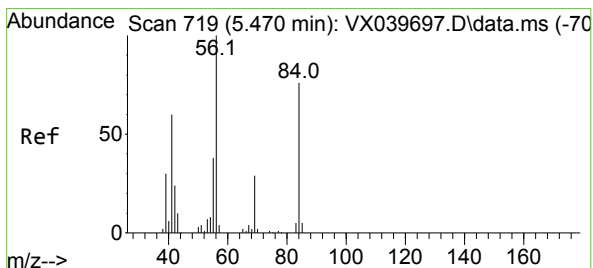
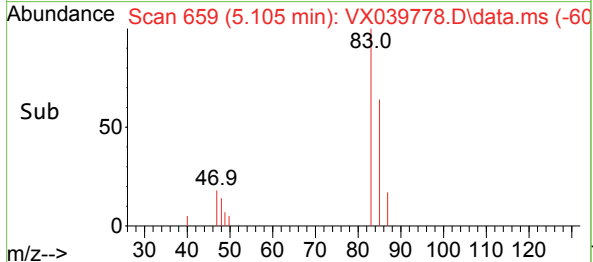
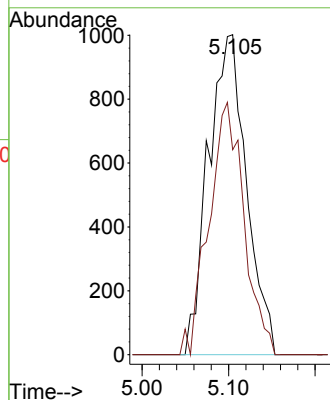
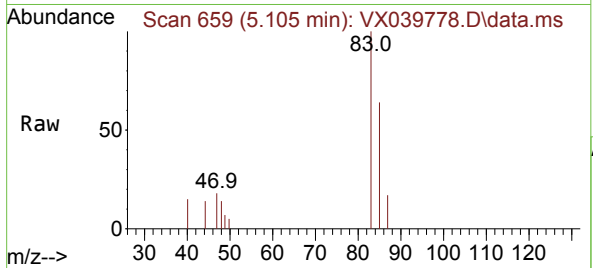




#30
Chloroform
Concen: 1.361 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

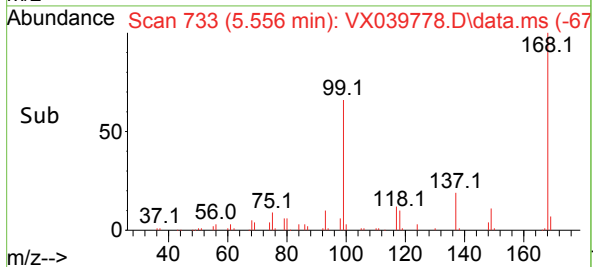
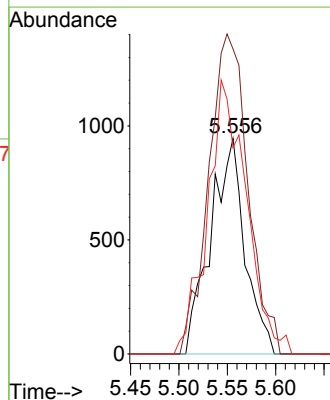
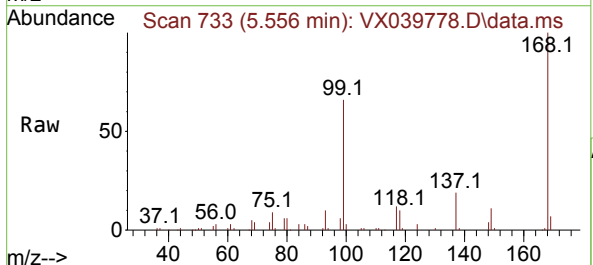
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240111

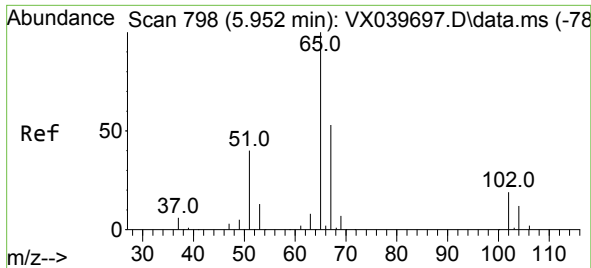
Tgt Ion: 83 Resp: 3060
Ion Ratio Lower Upper
83 100
85 64.1 50.3 75.5



#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

Tgt Ion: 56 Resp: 2330
Ion Ratio Lower Upper
56 100
69 141.5 23.4 35.2#
84 89.4 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.386 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039778.D

Acq: 16 Jan 2024 16:39

Instrument :

MSVOA_X

ClientSampleId :

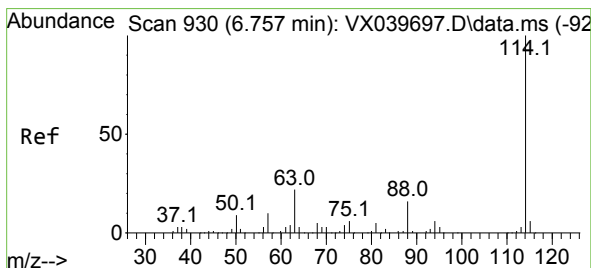
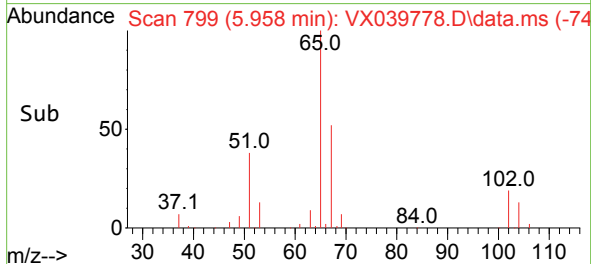
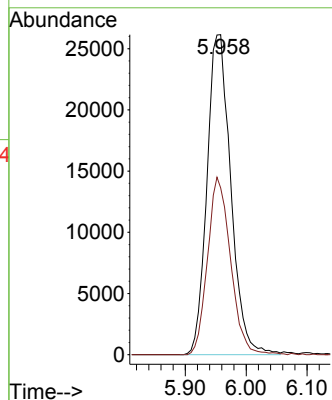
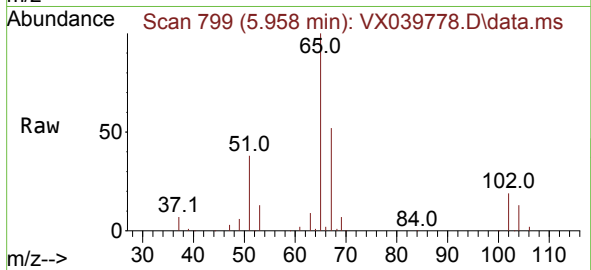
BP-VPB-191-EB-20240111

Tgt Ion: 65 Resp: 71179

Ion Ratio Lower Upper

65 100

67 53.5 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: VX039778.D

Acq: 16 Jan 2024 16:39

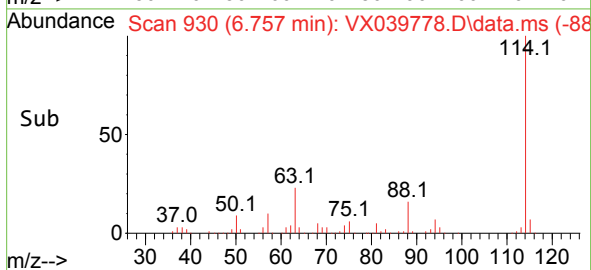
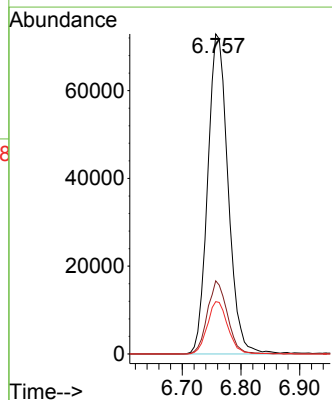
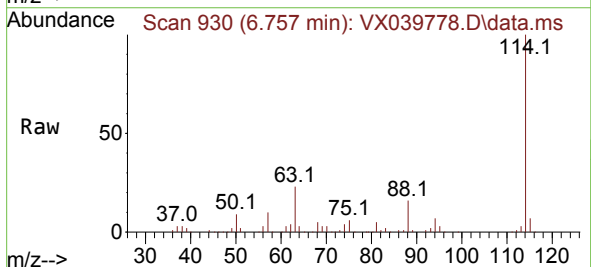
Tgt Ion: 114 Resp: 175500

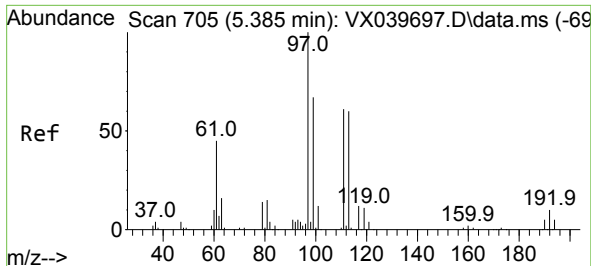
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.231 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039778.D

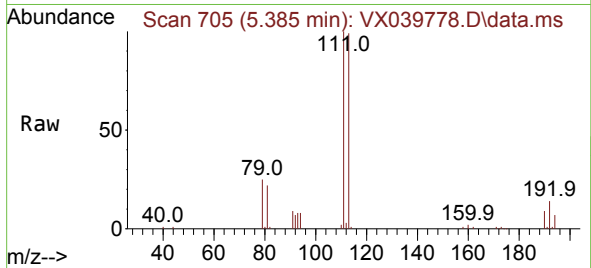
Acq: 16 Jan 2024 16:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-EB-20240111



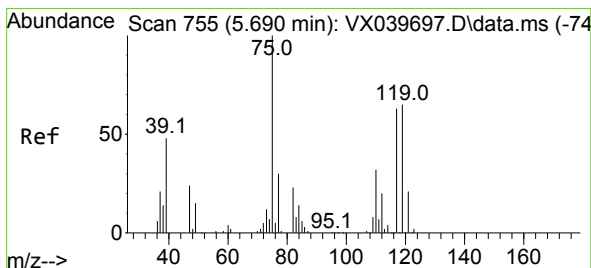
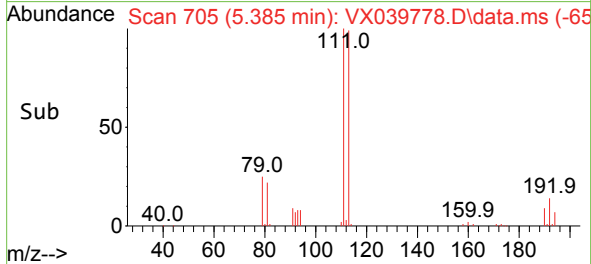
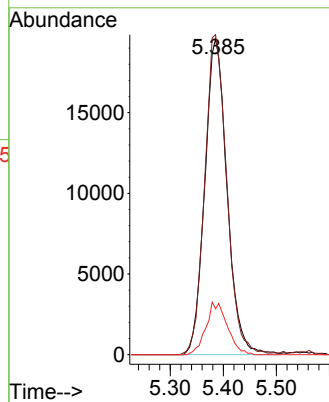
Tgt Ion:113 Resp: 57012

Ion Ratio Lower Upper

113 100

111 100.6 82.9 124.3

192 16.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.735 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX039778.D

Acq: 16 Jan 2024 16:39

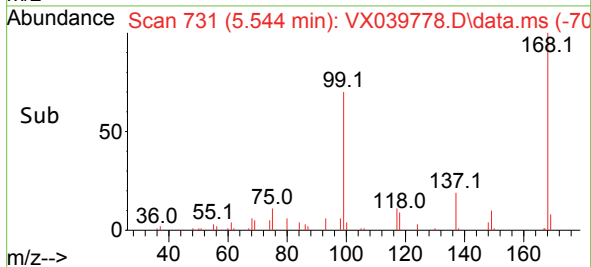
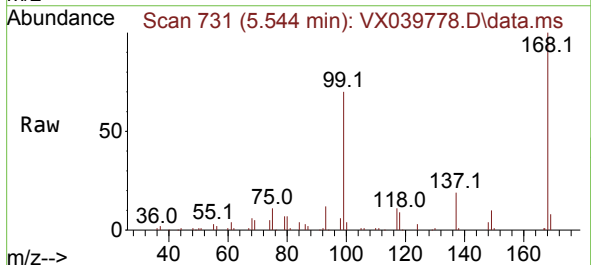
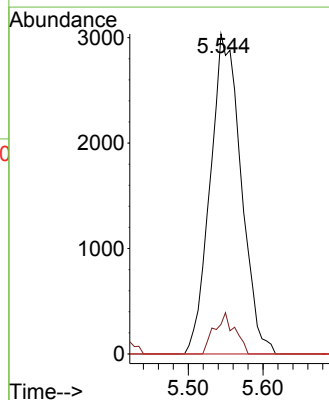
Tgt Ion: 75 Resp: 8712

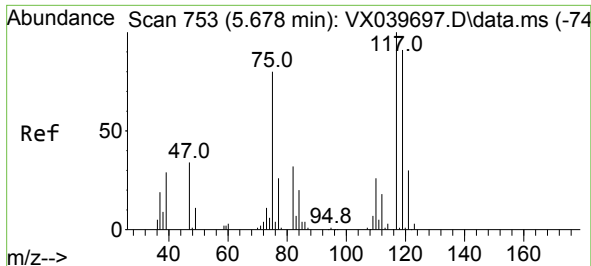
Ion Ratio Lower Upper

75 100

110 8.5 17.0 50.9#

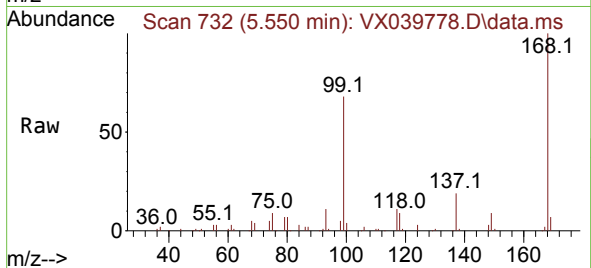
77 0.0 24.7 37.1#



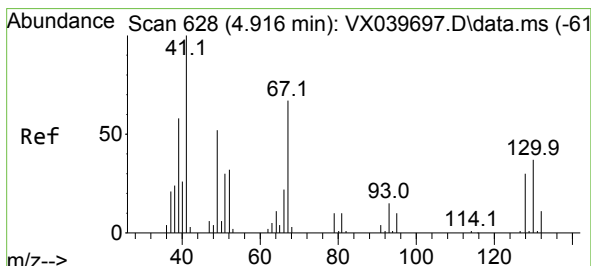
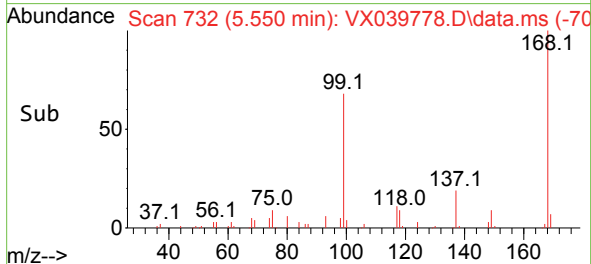
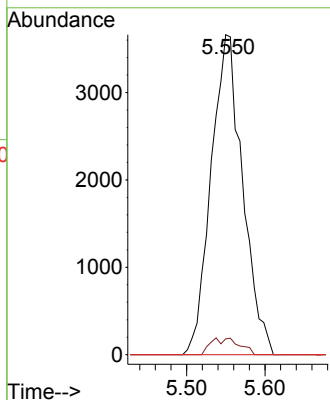


#38
Carbon Tetrachloride
Concen: 6.066 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240111

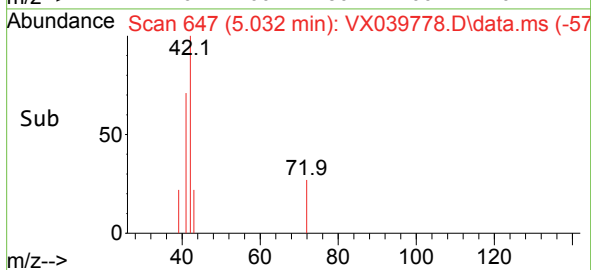
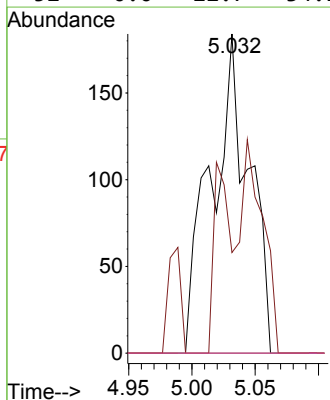
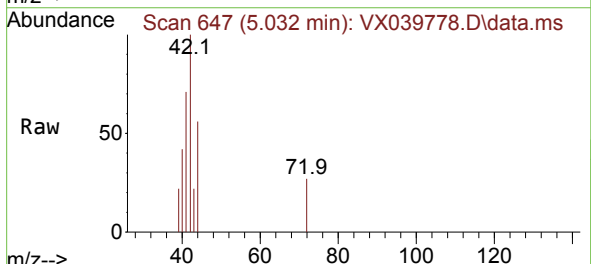


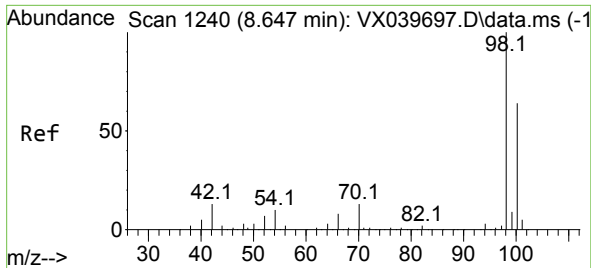
Tgt Ion:117 Resp: 10223
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.317 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.116 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

Tgt Ion: 41 Resp: 381
Ion Ratio Lower Upper
41 100
39 39.9 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

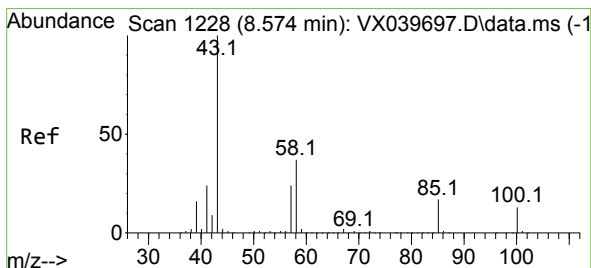
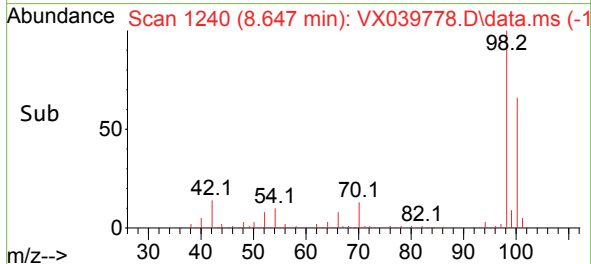
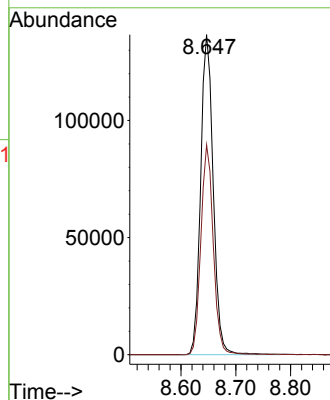
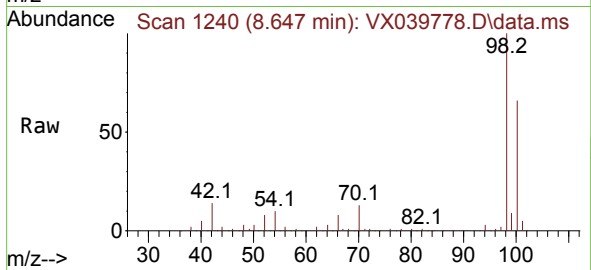




#50
Toluene-d8
Concen: 48.788 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

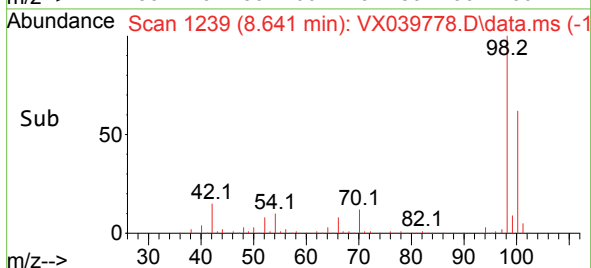
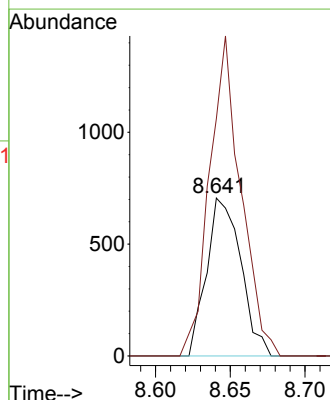
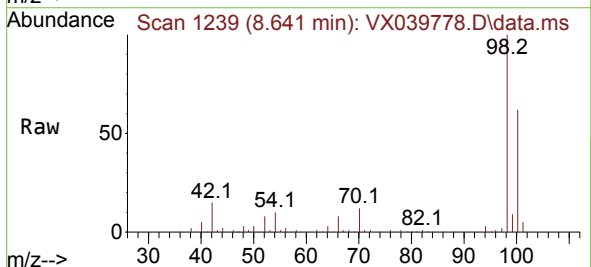
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240111

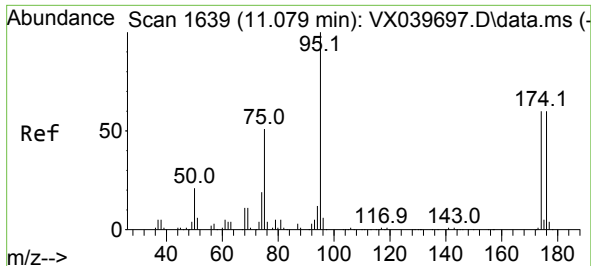
Tgt Ion: 98 Resp: 217509
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 185.3 30.4 45.6#

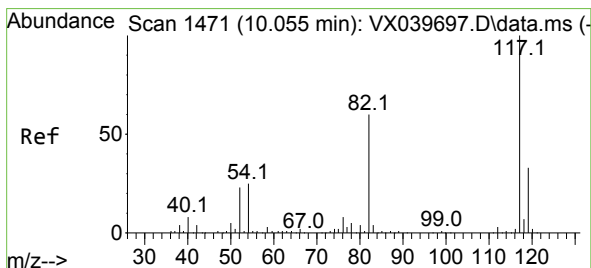
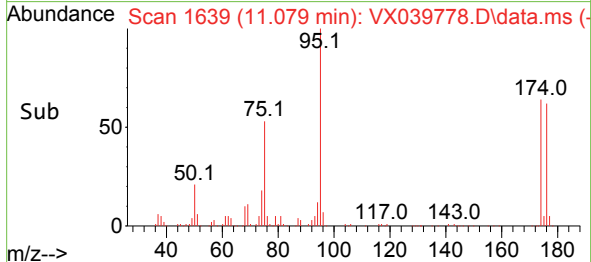
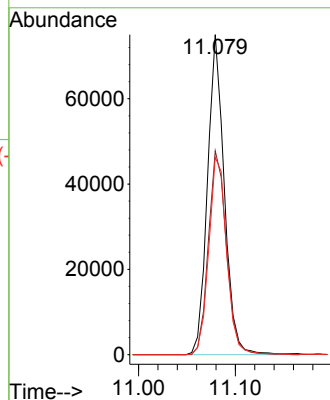
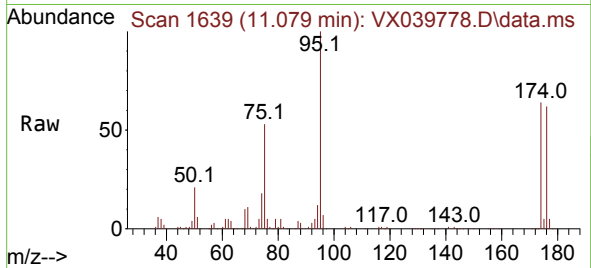




#62
4-Bromofluorobenzene
Concen: 52.070 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

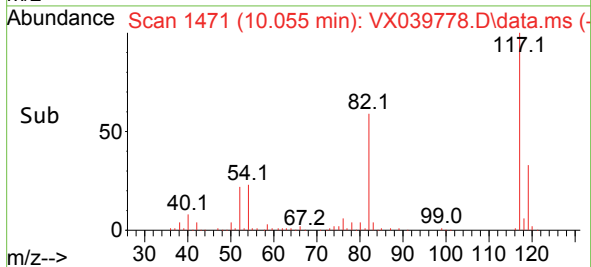
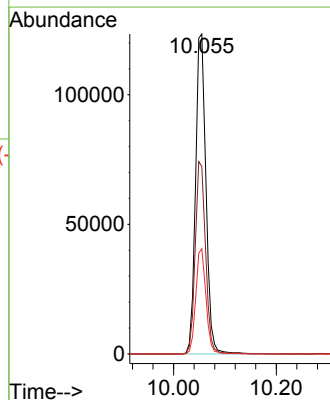
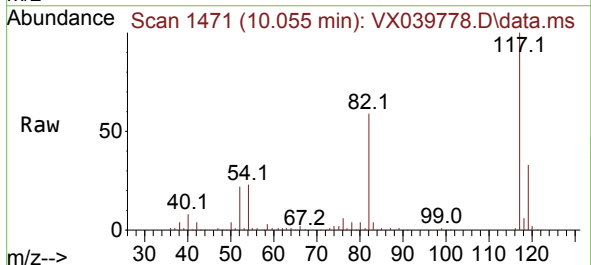
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240111

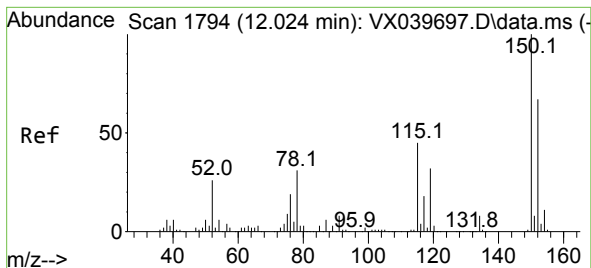
Tgt Ion: 95 Resp: 90779
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.6
176 65.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

Tgt Ion: 117 Resp: 173661
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 32.9 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: VX039778.D

Acq: 16 Jan 2024 16:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-EB-20240111

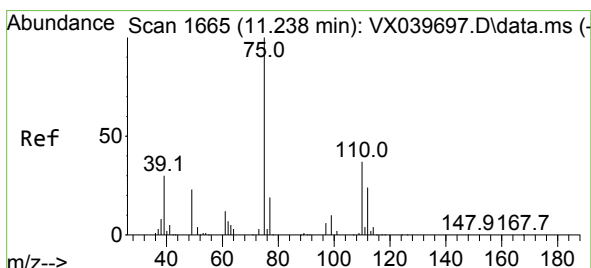
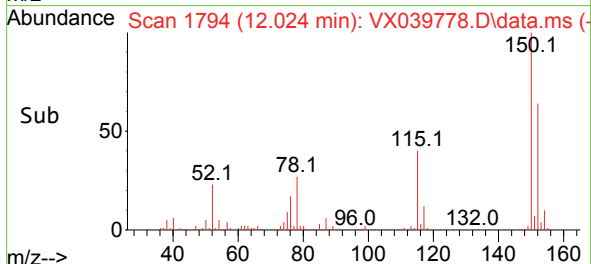
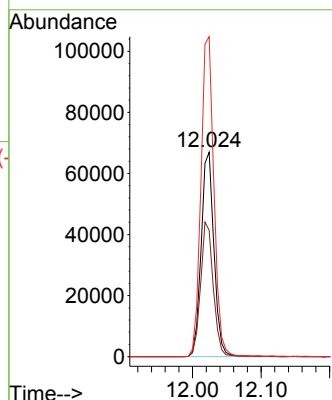
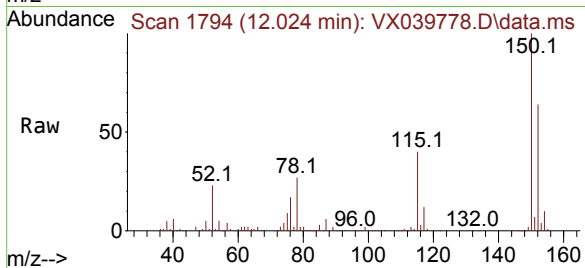
Tgt Ion:152 Resp: 87334

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 158.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.893 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039778.D

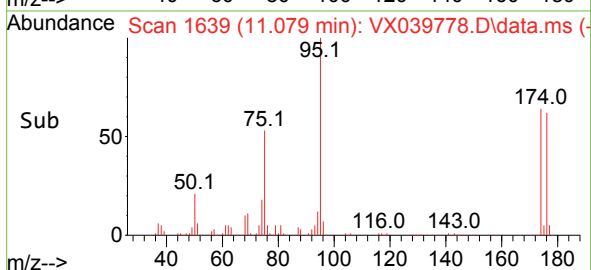
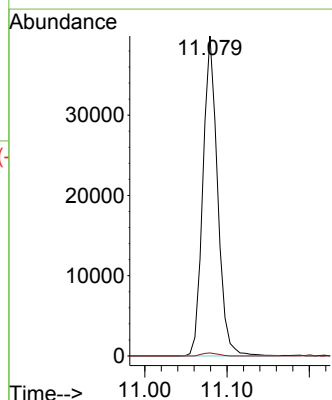
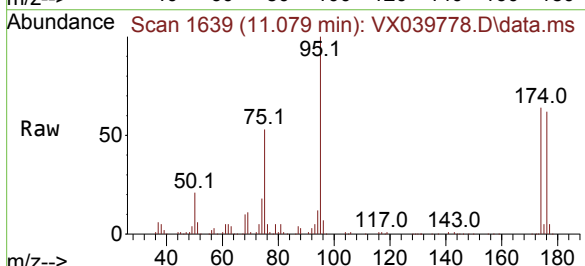
Acq: 16 Jan 2024 16:39

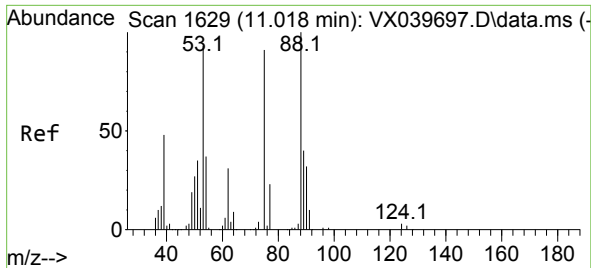
Tgt Ion: 75 Resp: 49570

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.569 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039778.D
Acq: 16 Jan 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240111

Tgt Ion: 75 Resp: 49570
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

