

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039883.D
 Acq On : 22 Jan 2024 15:00
 Operator : JC/MD
 Sample : P1186-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-EB-20240117

Quant Time: Jan 23 00:17:34 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)

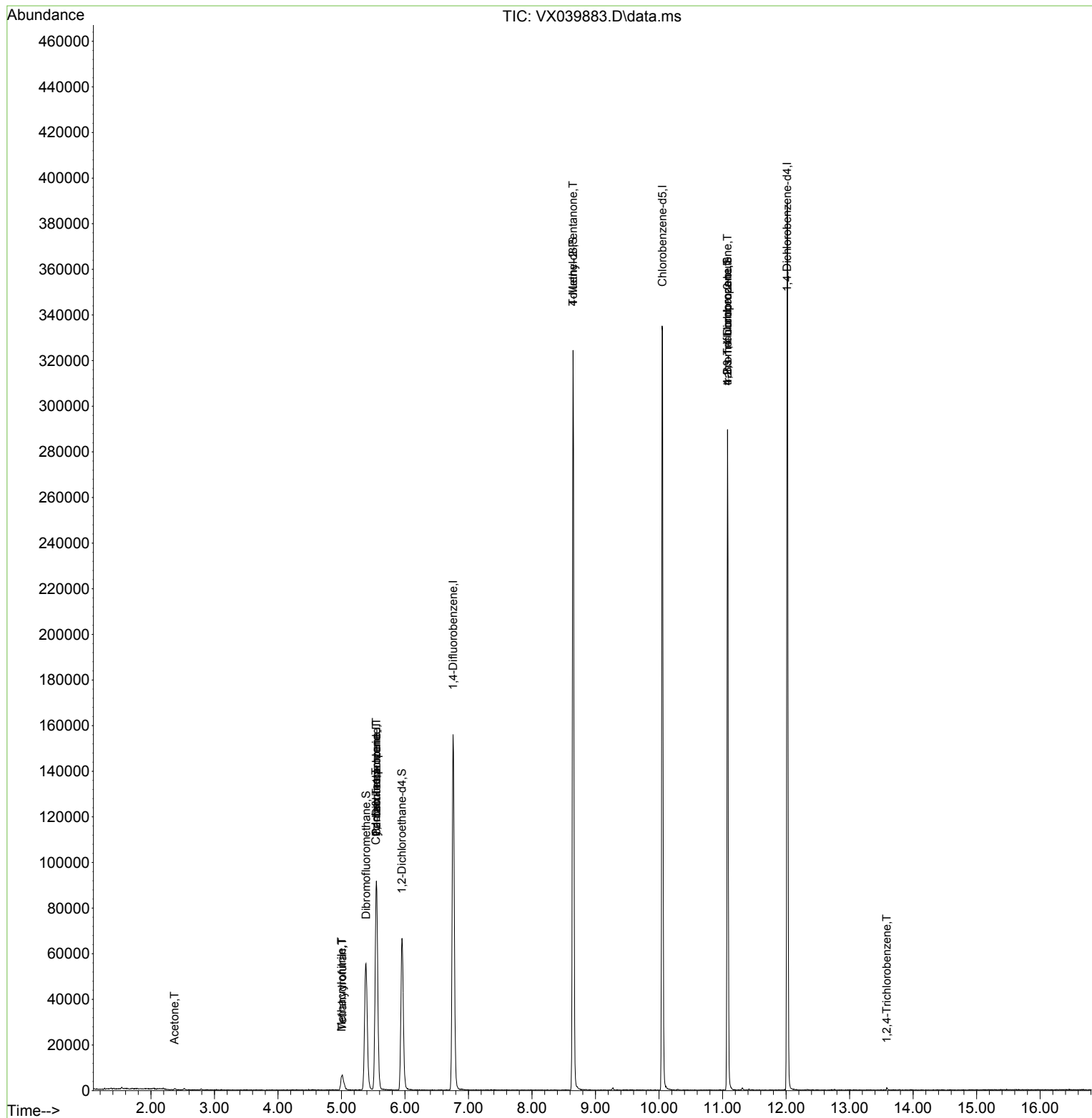
Internal Standards						
1) Pentafluorobenzene	5.550	168	81562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63966	46.818	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.640%
35) Dibromofluoromethane	5.385	113	49970	49.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.520%
50) Toluene-d8	8.647	98	188115	49.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	75839	50.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.380%
Target Compounds						
					Qvalue	
13) Acrolein	2.191	56	21	Below Cal	#	14
16) Acetone	2.367	43	691	0.899	ug/l	96
29) Tetrahydrofuran	5.013	42	6533	9.192	ug/l	99
31) Cyclohexane	5.544	56	2429	1.347	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	7521	4.763	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8873	6.136	ug/l #	14
41) Methacrylonitrile	5.001	41	4023	3.906	ug/l #	53
51) 4-Methyl-2-Pentanone	8.647	43	916	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42565	21.931	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	42565	63.666	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	341	0.222	ug/l	89

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

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BP-VPB-191-EB-20240117

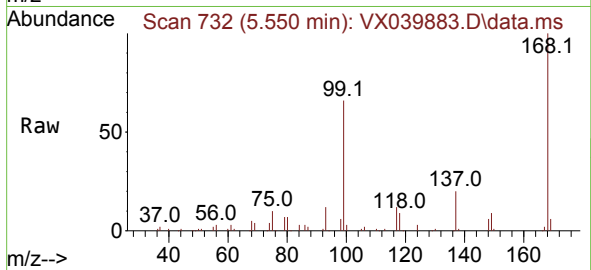
Quant Time: Jan 23 00:17:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



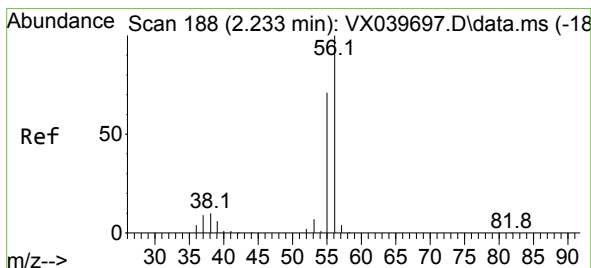
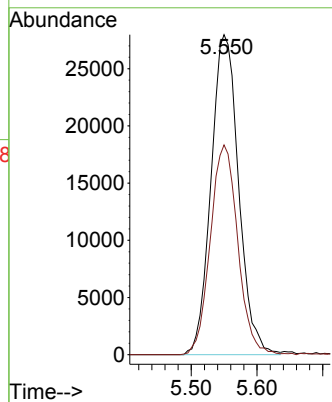
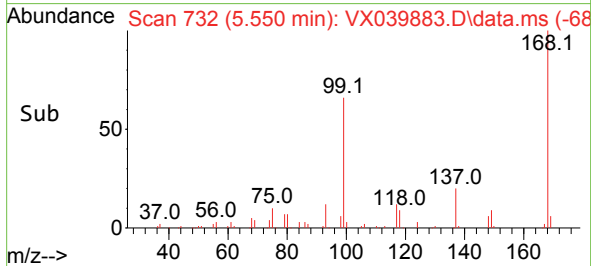


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240117

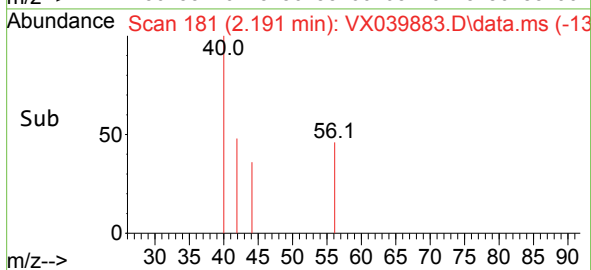
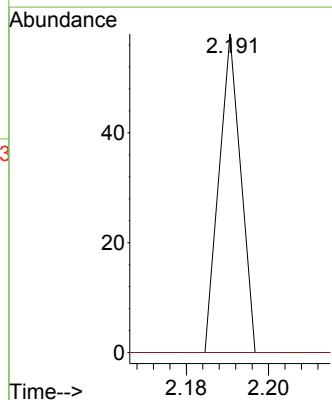
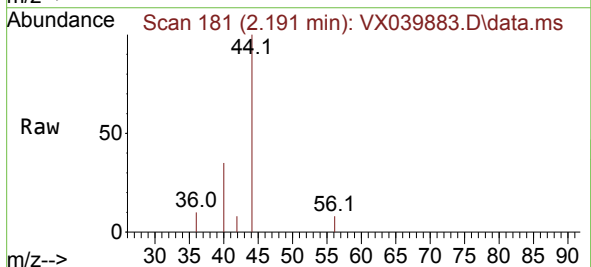


Tgt Ion:168 Resp: 81562
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#13
Acrolein
Concen: Below Cal
RT: 2.191 min Scan# 181
Delta R.T. -0.042 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

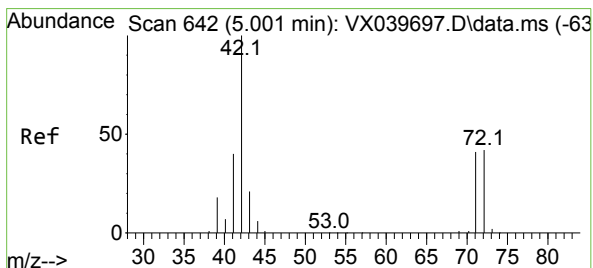
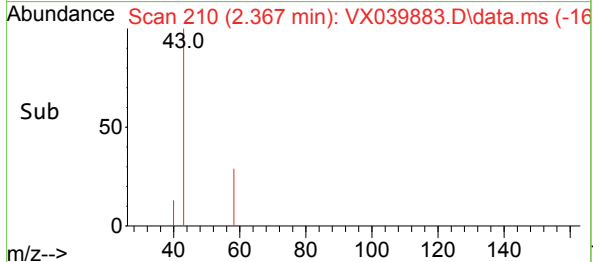
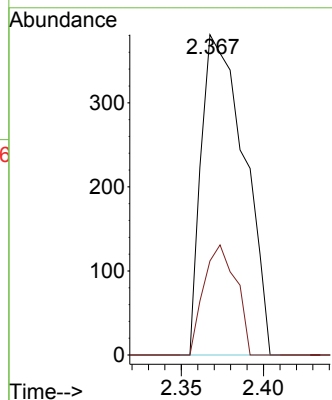
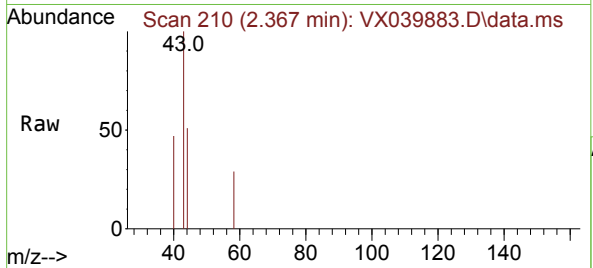




#16
Acetone
Concen: 0.899 ug/l
RT: 2.367 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

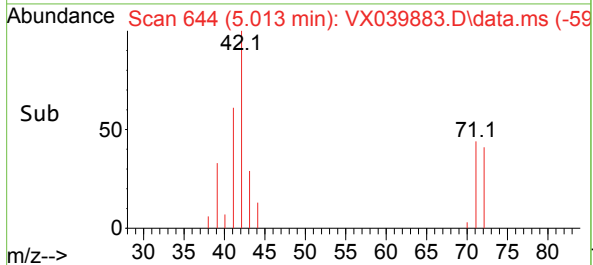
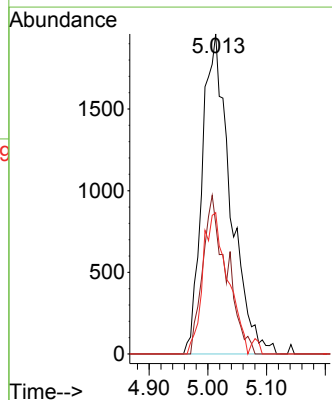
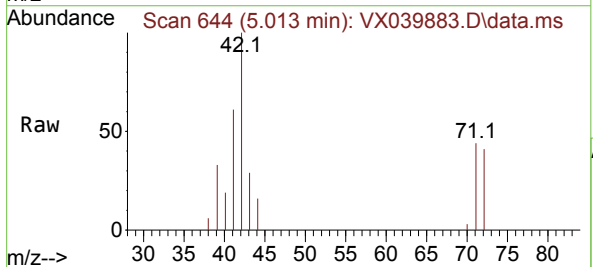
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240117

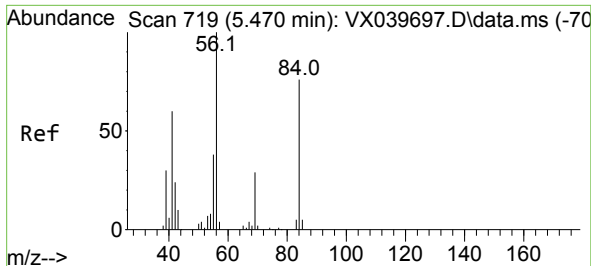
Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9



#29
Tetrahydrofuran
Concen: 9.192 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.012 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

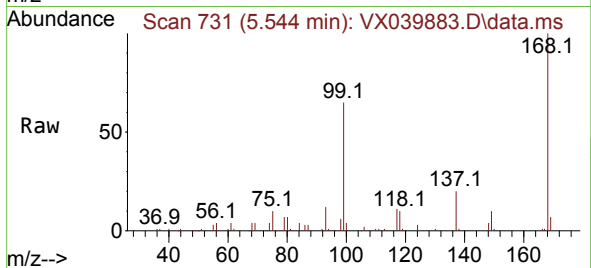
Tgt Ion: 42 Resp: 6533
Ion Ratio Lower Upper
42 100
72 42.0 34.2 51.4
71 39.2 32.2 48.2



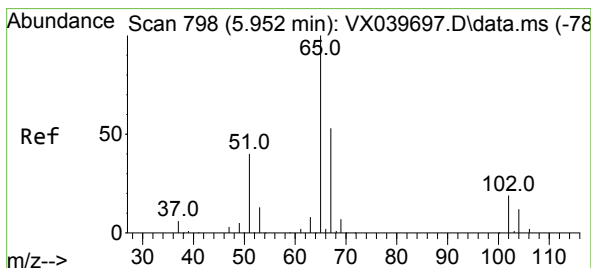
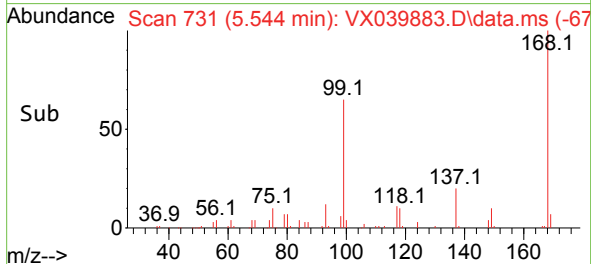
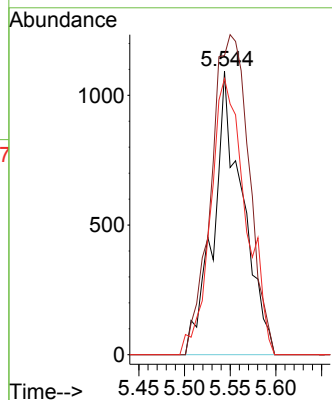


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240117

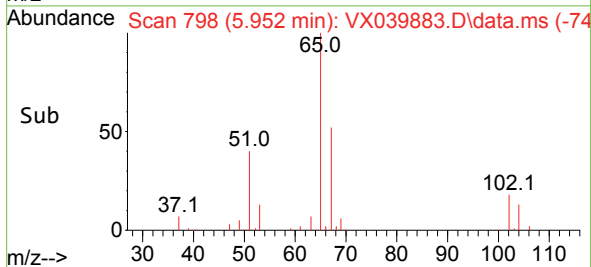
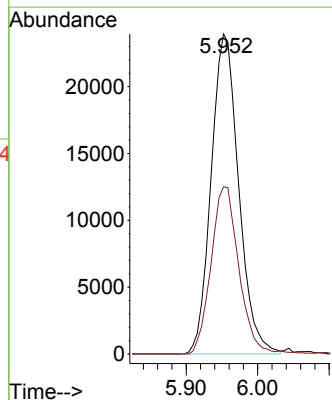
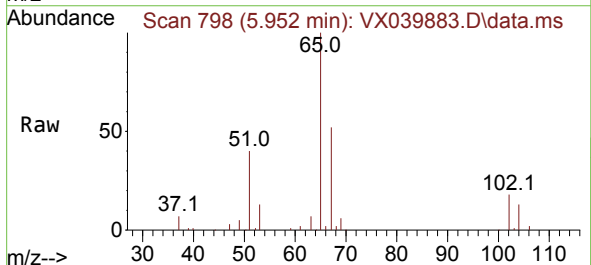


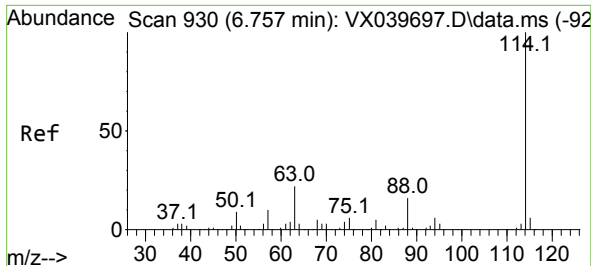
Tgt Ion: 56 Resp: 2429
Ion Ratio Lower Upper
56 100
69 105.6 23.4 35.2#
84 97.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.818 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

Tgt Ion: 65 Resp: 63966
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

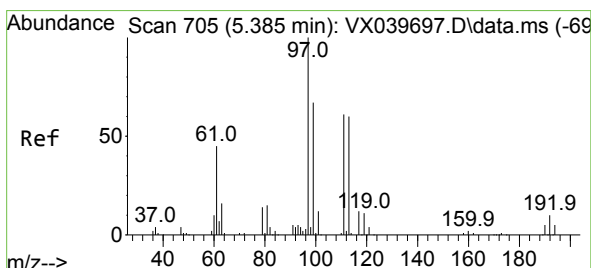
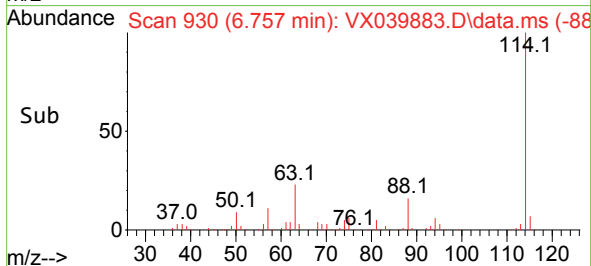
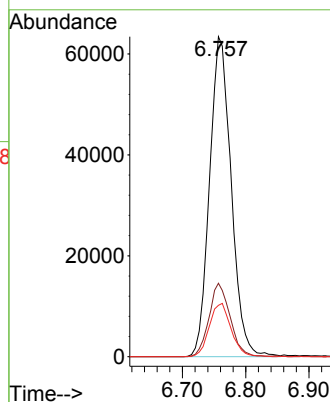
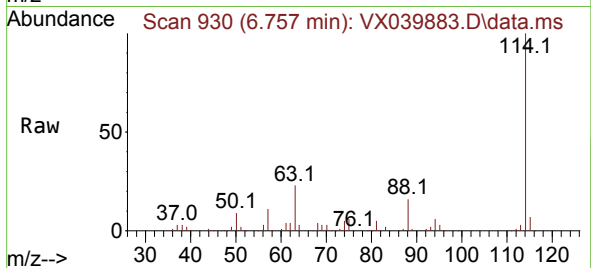




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

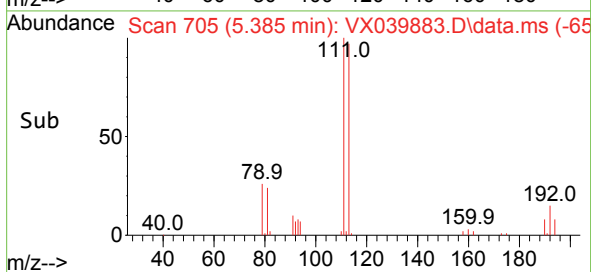
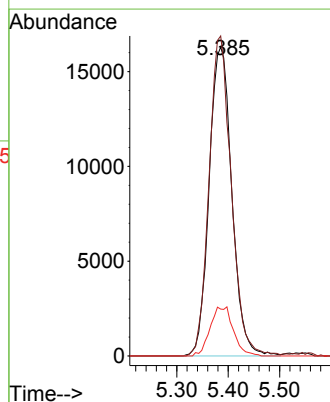
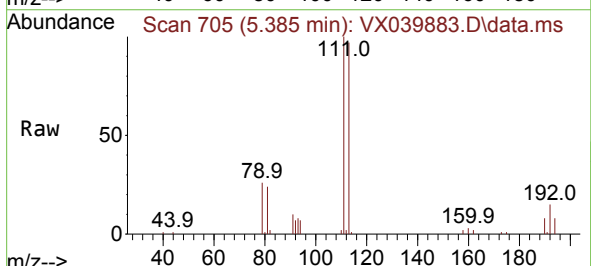
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240117

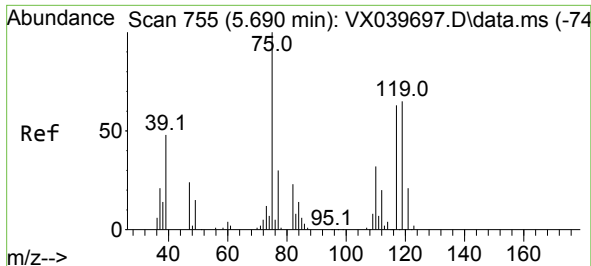
Tgt Ion:114 Resp: 150603
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.262 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

Tgt Ion:113 Resp: 49970
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 16.2 13.3 19.9

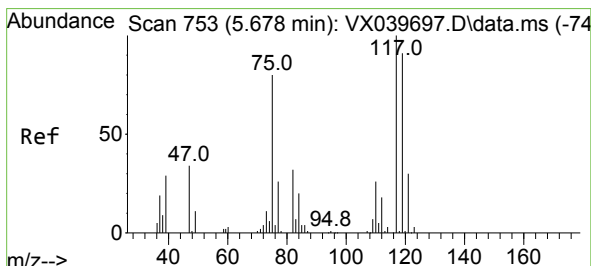
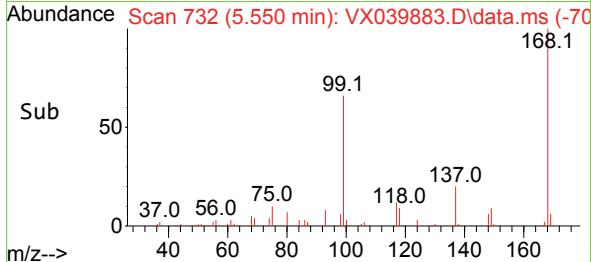
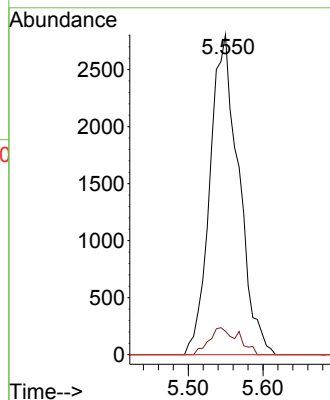
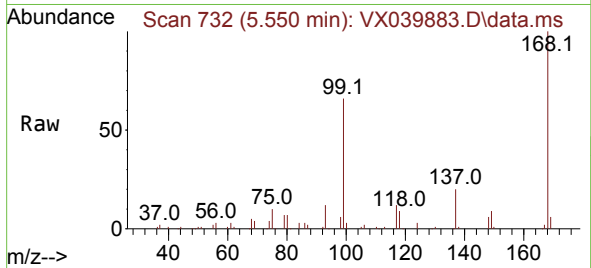




#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

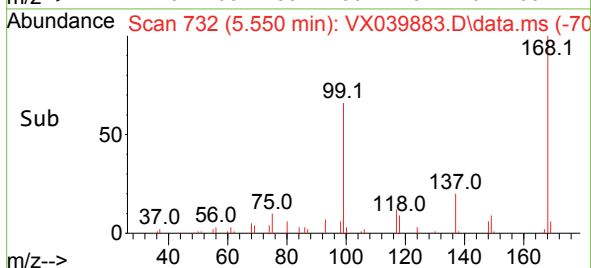
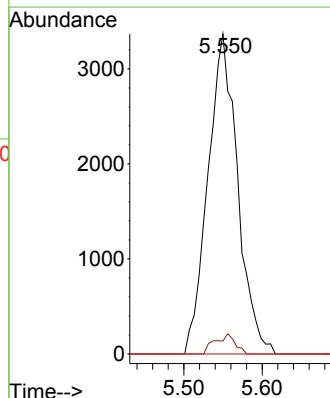
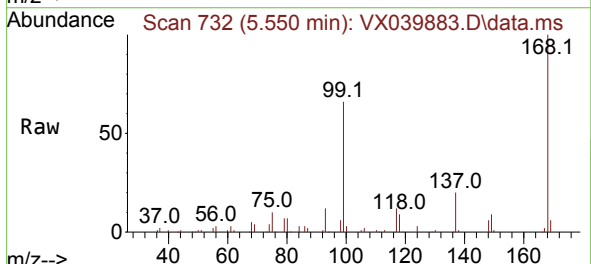
Instrument :
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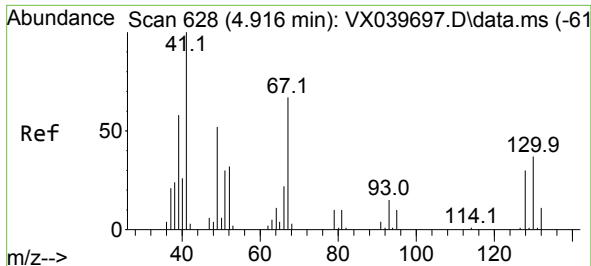
Tgt Ion: 75 Resp: 7521
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

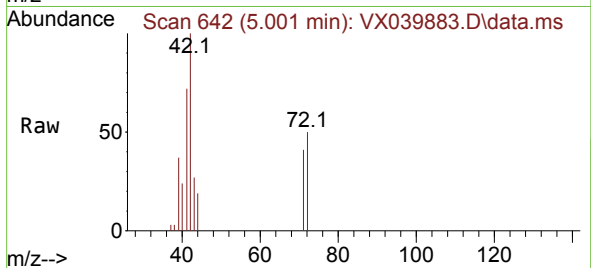
Tgt Ion: 117 Resp: 8873
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



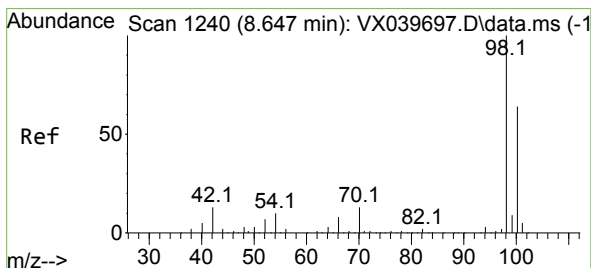
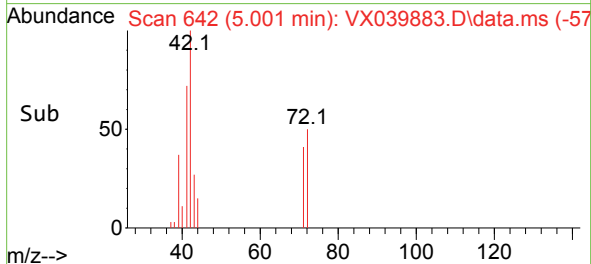
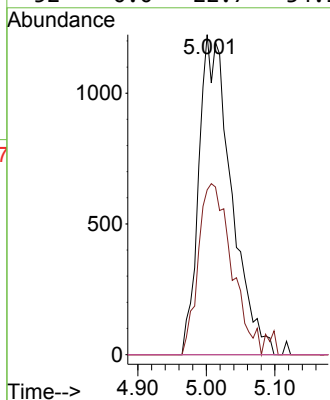


#41
Methacrylonitrile
Concen: 3.906 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.085 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :
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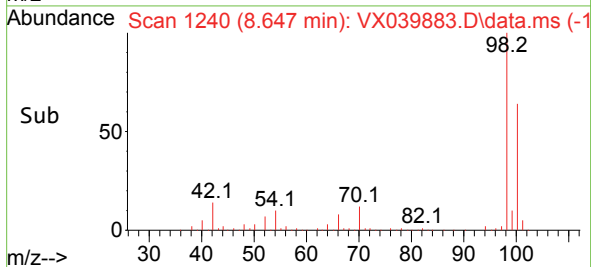
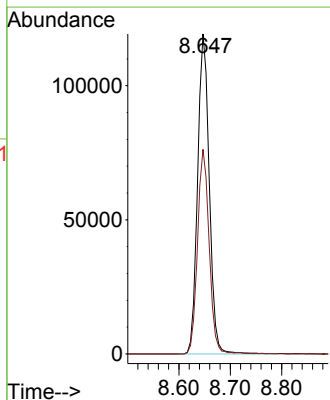
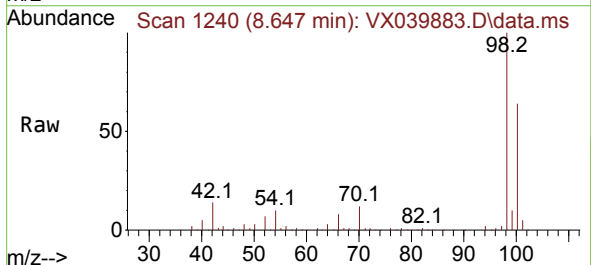


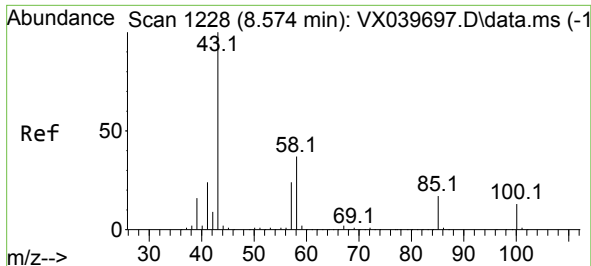
Tgt Ion: 41 Resp: 4023
Ion Ratio Lower Upper
41 100
39 54.9 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#50
Toluene-d8
Concen: 49.170 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

Tgt Ion: 98 Resp: 188115
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

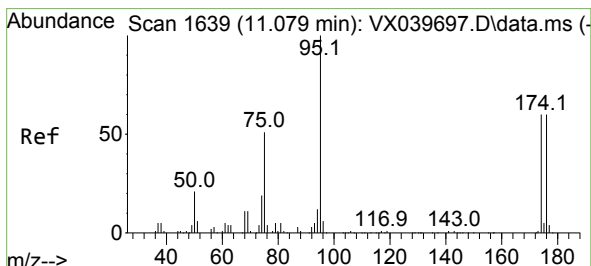
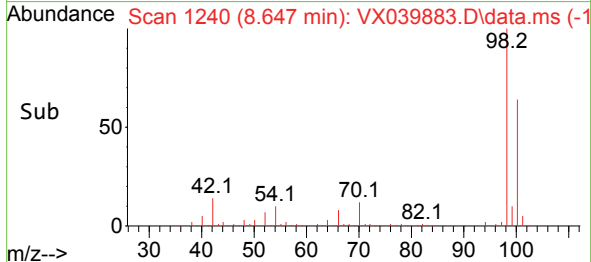
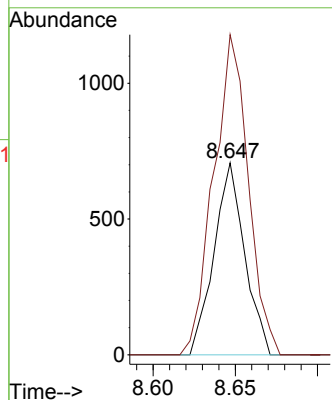
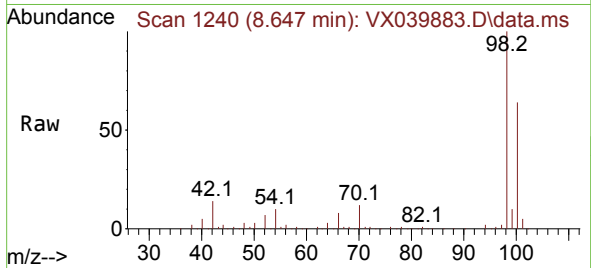




#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

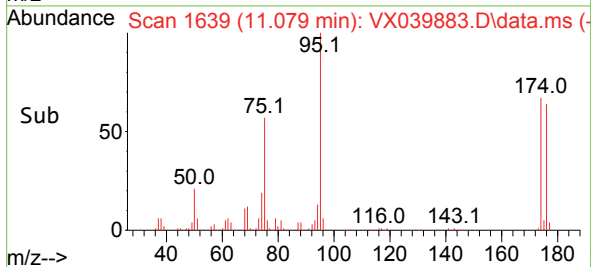
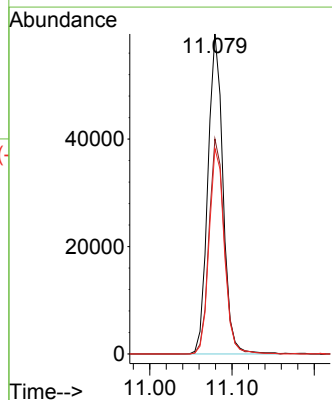
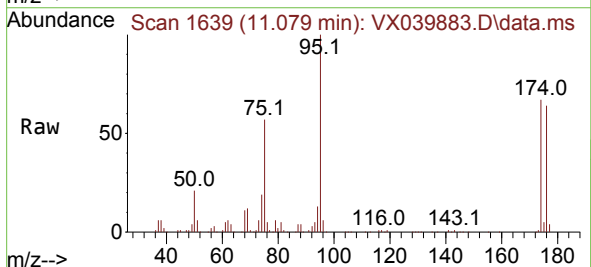
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240117

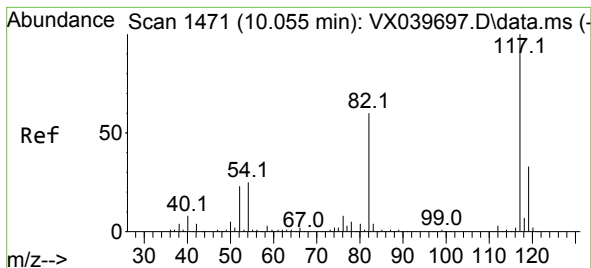
Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
58 188.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039883.D
Acq: 22 Jan 2024 15:00

Tgt Ion: 95 Resp: 75839
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.6
176 64.9 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: VX039883.D

Acq: 22 Jan 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-EB-20240117

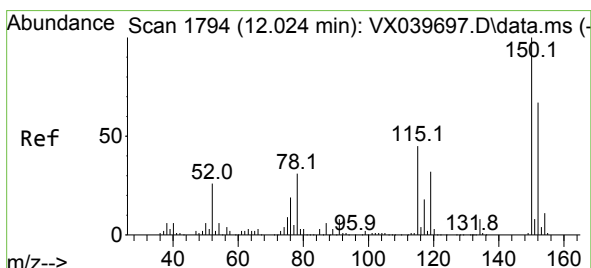
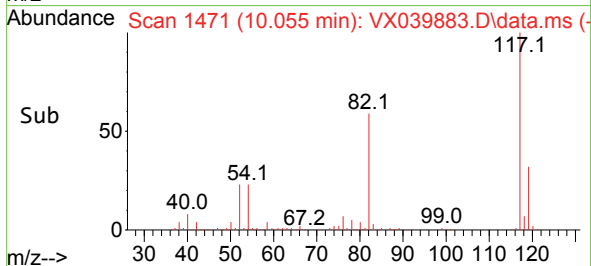
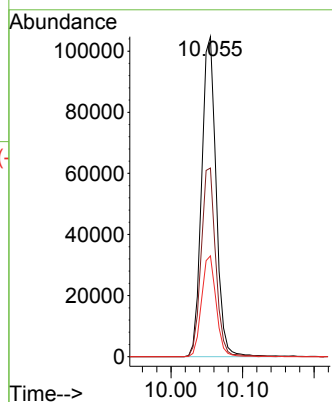
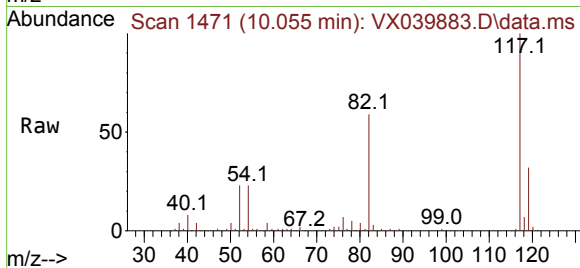
Tgt Ion:117 Resp: 147156

Ion Ratio Lower Upper

117 100

82 58.9 46.2 69.4

119 31.5 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: VX039883.D

Acq: 22 Jan 2024 15:00

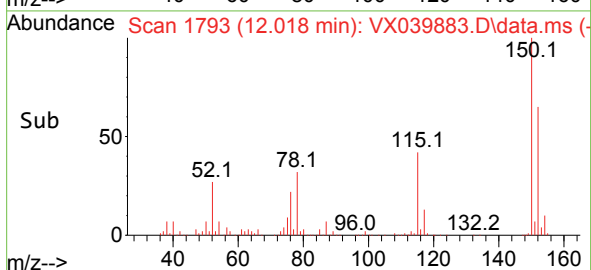
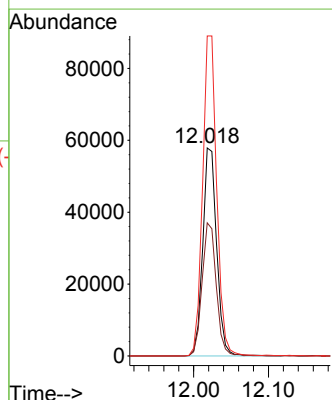
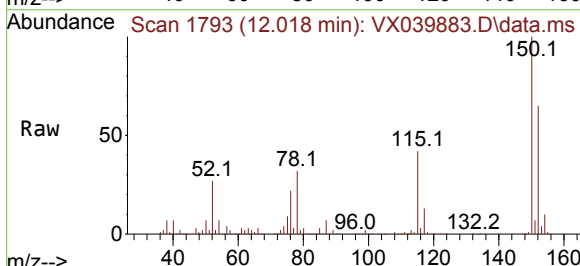
Tgt Ion:152 Resp: 74863

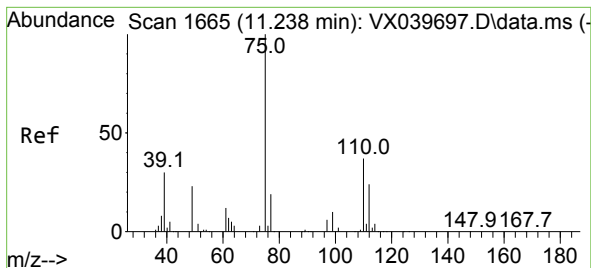
Ion Ratio Lower Upper

152 100

115 65.2 43.3 129.9

150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.931 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039883.D

Acq: 22 Jan 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

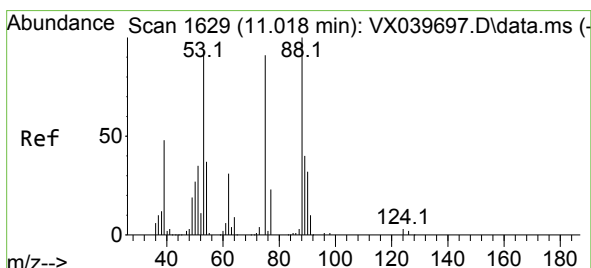
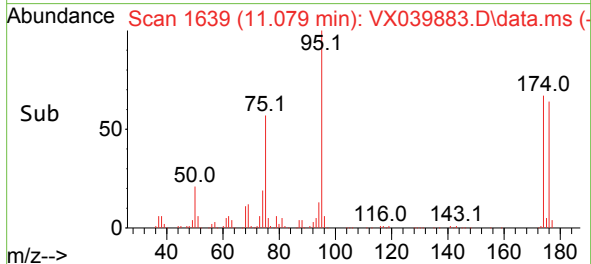
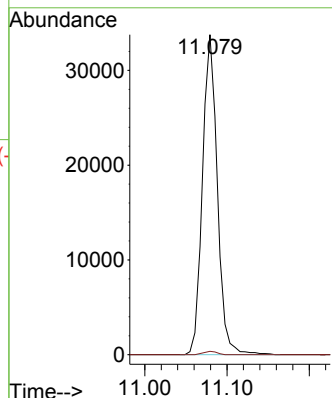
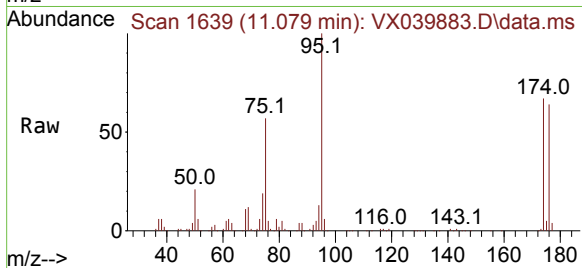
BP-VPB-191-EB-20240117

Tgt Ion: 75 Resp: 42565

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.666 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039883.D

Acq: 22 Jan 2024 15:00

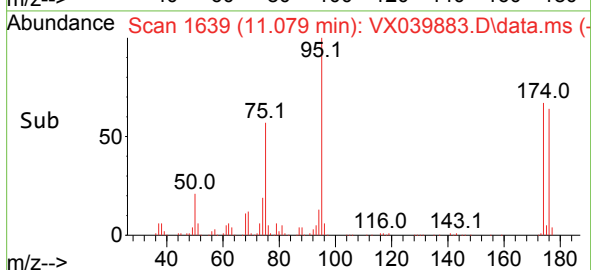
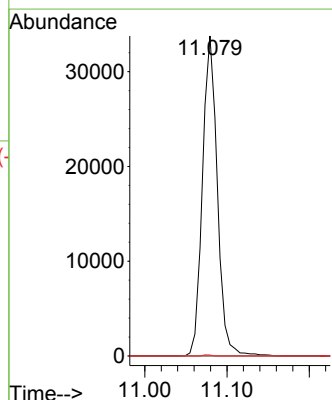
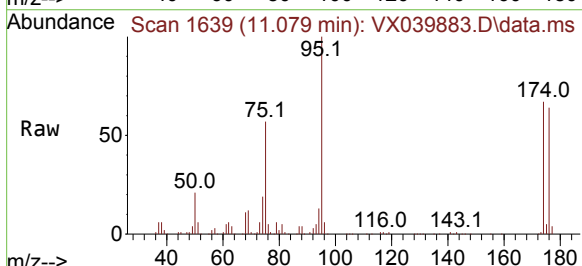
Tgt Ion: 75 Resp: 42565

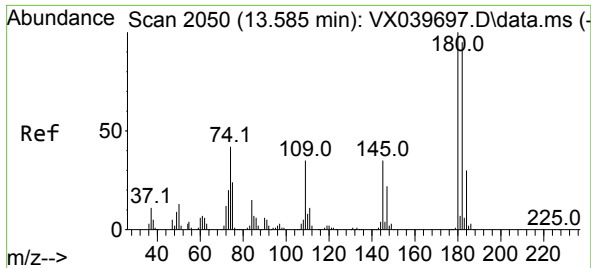
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.2 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.222 ug/l

RT: 13.585 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX039883.D

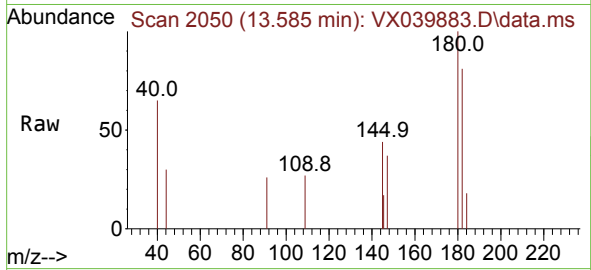
Acq: 22 Jan 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-EB-20240117



Tgt Ion:180 Resp: 341

Ion Ratio Lower Upper

180 100

182 105.3 48.3 144.8

145 27.3 18.0 54.0

