

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040089.D
 Acq On : 02 Feb 2024 16:02
 Operator : JC/MD
 Sample : P1343-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-EB-20240131

Quant Time: Feb 03 02:18:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

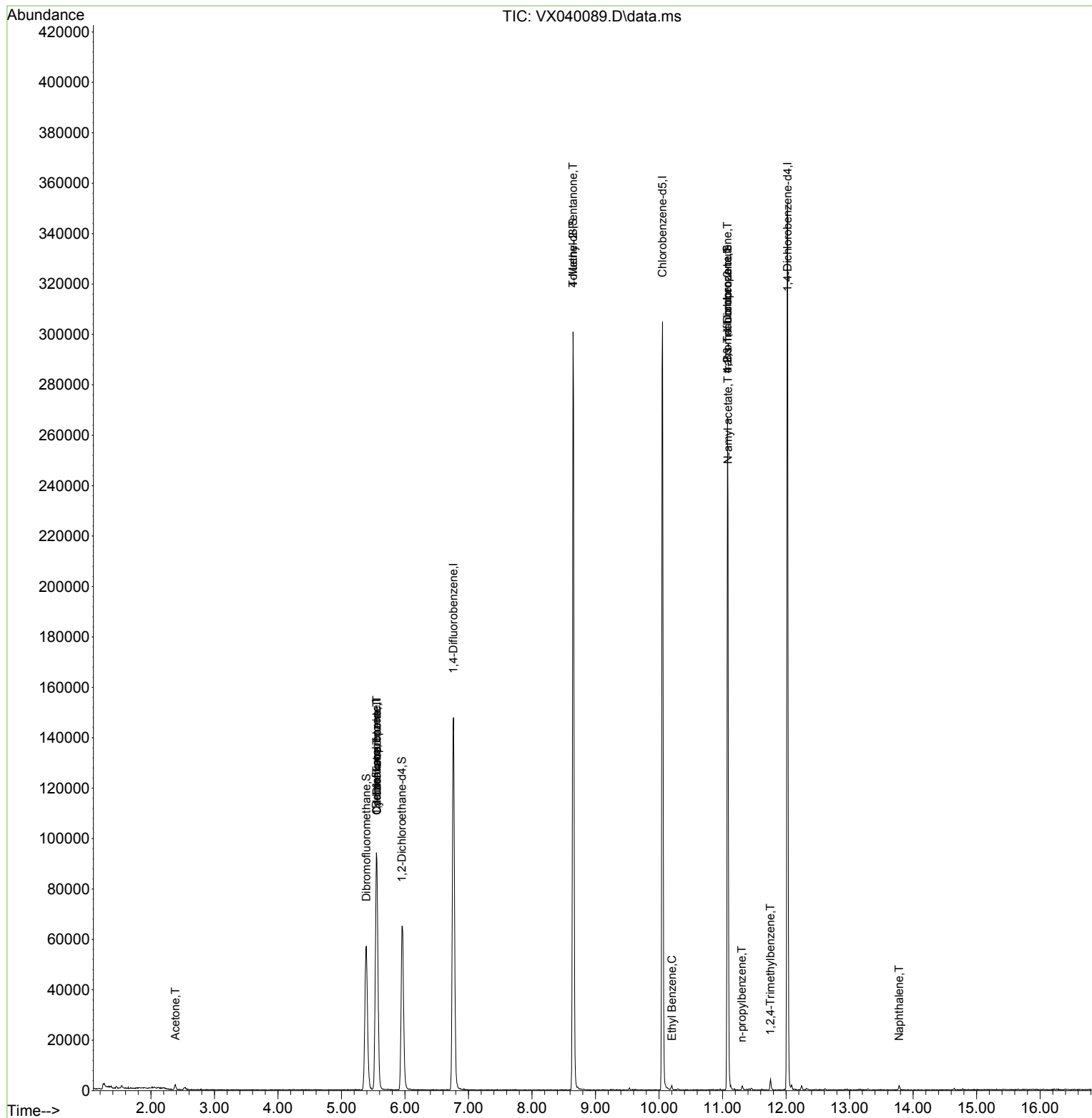
Internal Standards						
1) Pentafluorobenzene	5.550	168	84477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63833	46.952	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.900%
35) Dibromofluoromethane	5.391	113	48923	49.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	8.647	98	177281	47.488	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.980%
62) 4-Bromofluorobenzene	11.079	95	71016	49.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.800%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2043	3.207	ug/l	92
31) Cyclohexane	5.556	56	2209	1.297	ug/l #	44
36) 1,1-Dichloropropene	5.556	75	7739	5.360	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9419	6.818	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	880	0.518	ug/l #	1
67) Ethyl Benzene	10.201	91	1340	0.263	ug/l	94
74) N-amyl acetate	11.085	43	47	0.219	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39274	26.336	ug/l #	38
78) n-propylbenzene	11.305	91	1439	0.233	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	39274	77.211	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	2135	0.495	ug/l	89
95) Naphthalene	13.780	128	1739	0.363	ug/l #	91

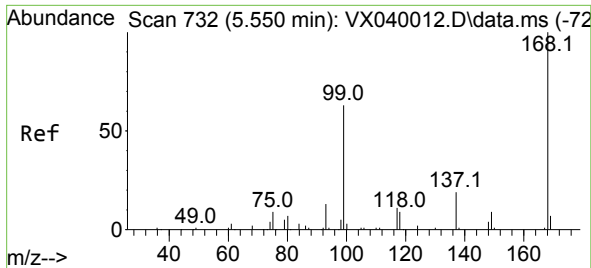
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX040089.D

Acq: 02 Feb 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

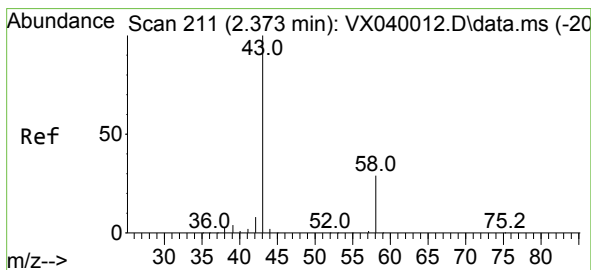
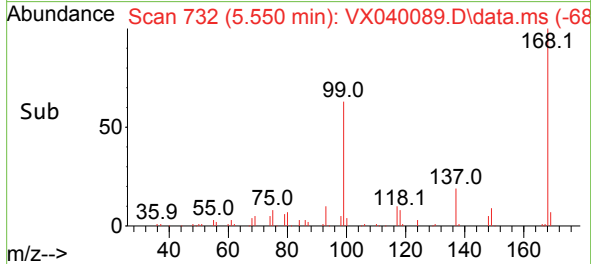
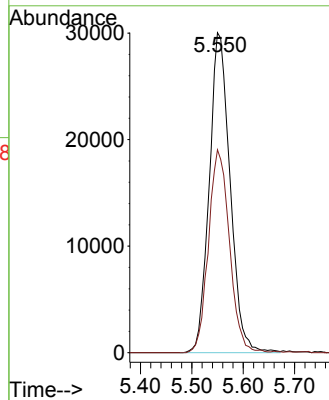
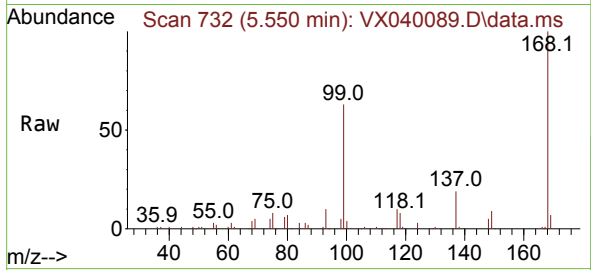
BP-VPB-195-EB-20240131

Tgt Ion:168 Resp: 84477

Ion Ratio Lower Upper

168 100

99 63.4 56.6 85.0



#16

Acetone

Concen: 3.207 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX040089.D

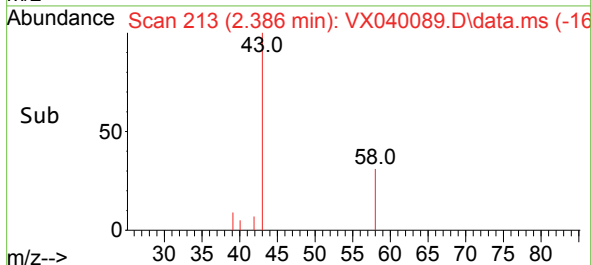
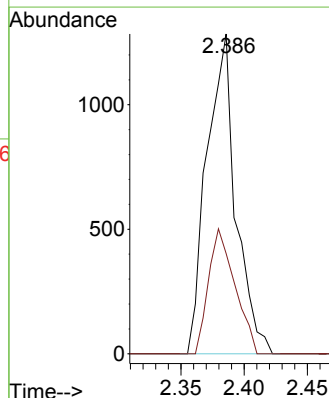
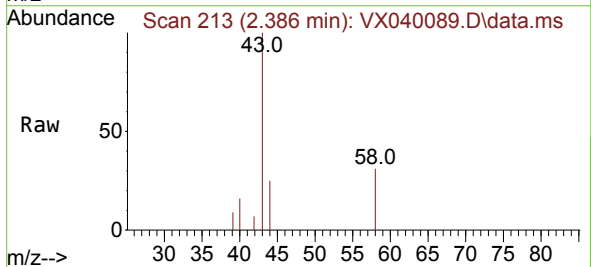
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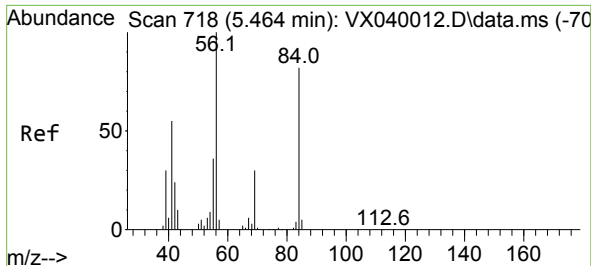
Tgt Ion: 43 Resp: 2043

Ion Ratio Lower Upper

43 100

58 31.4 21.9 32.9

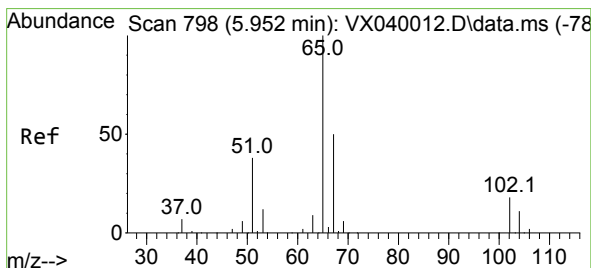
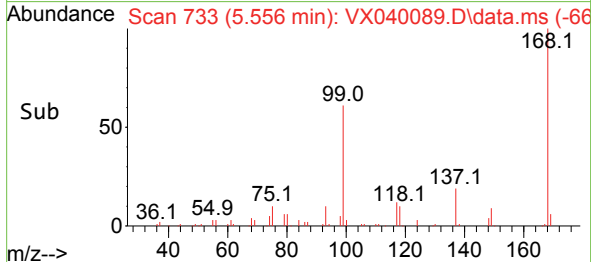
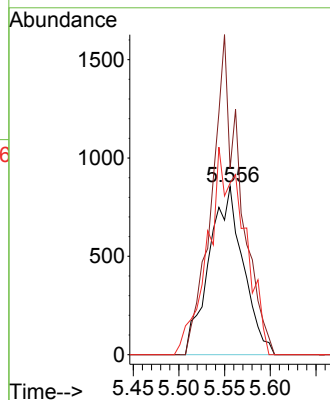
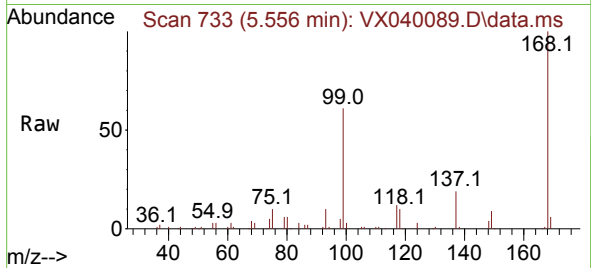




#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

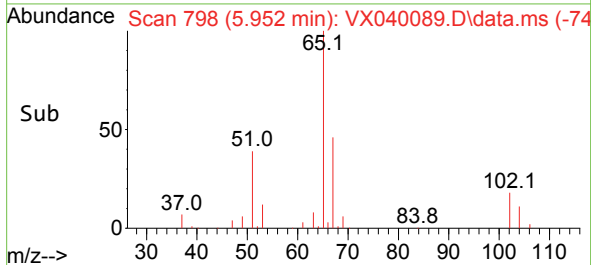
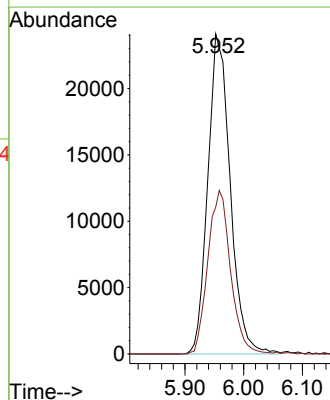
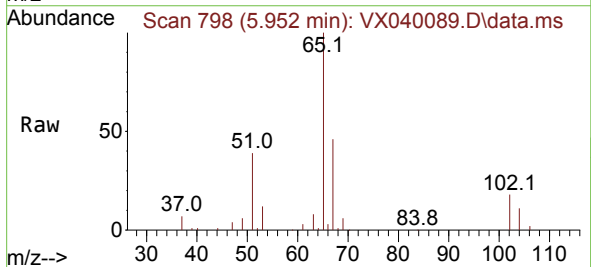
Instrument :
MSVOA_X
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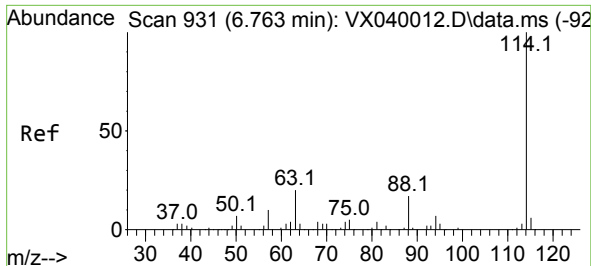
Tgt Ion: 56 Resp: 2209
Ion Ratio Lower Upper
56 100
69 110.8 23.4 35.2#
84 102.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.952 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

Tgt Ion: 65 Resp: 63833
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

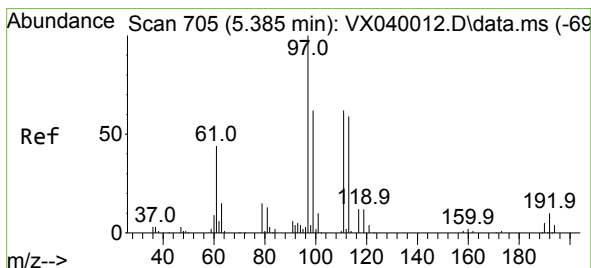
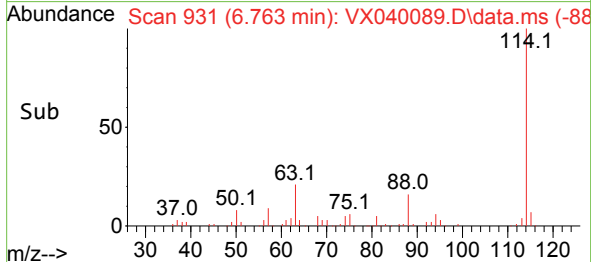
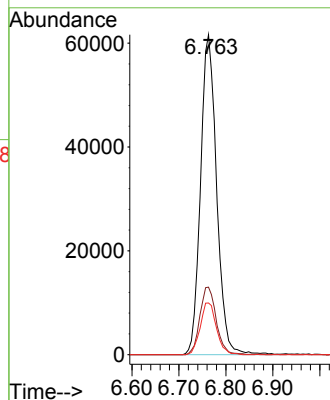
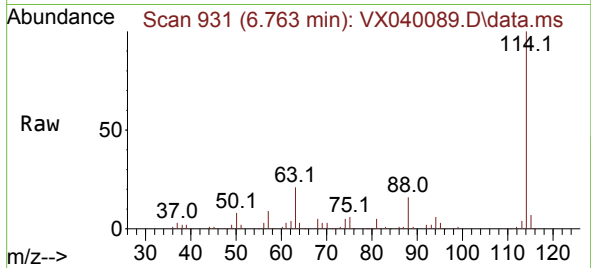




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

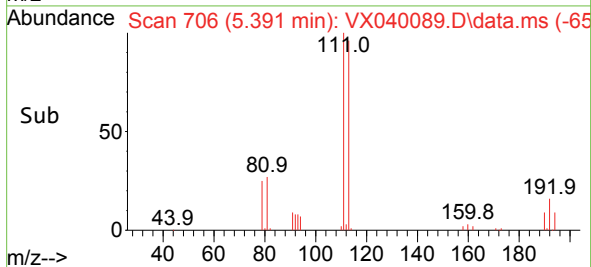
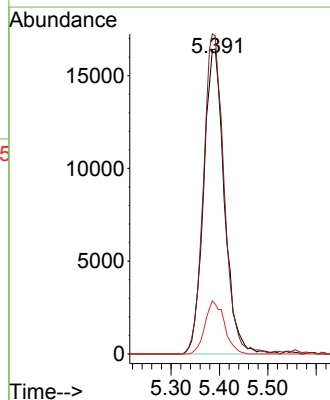
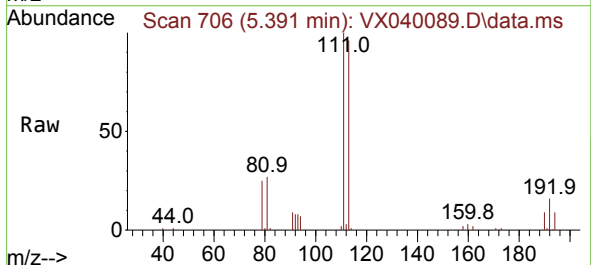
Instrument :
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ClientSampleId :
BP-VPB-195-EB-20240131

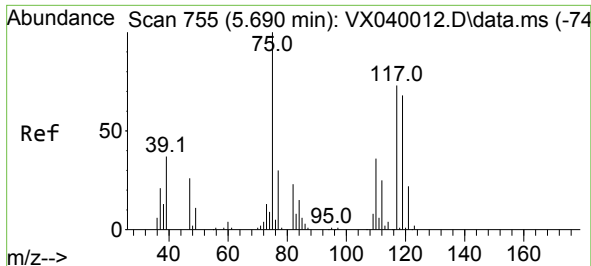
Tgt Ion:114 Resp: 146644
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.008 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

Tgt Ion:113 Resp: 48923
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 16.3 13.3 19.9

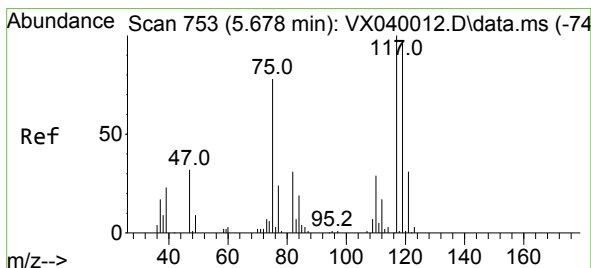
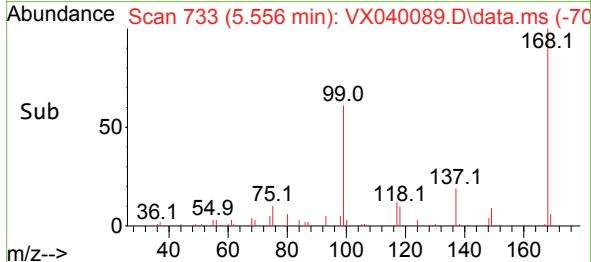
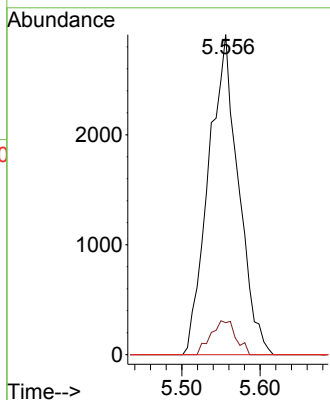
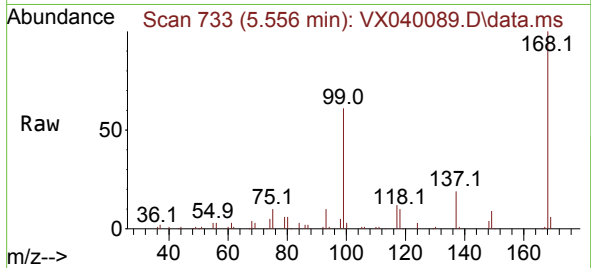




#36
1,1-Dichloropropene
Concen: 5.360 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

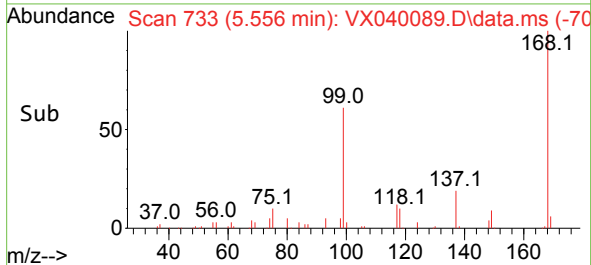
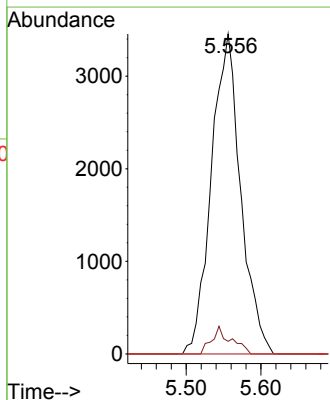
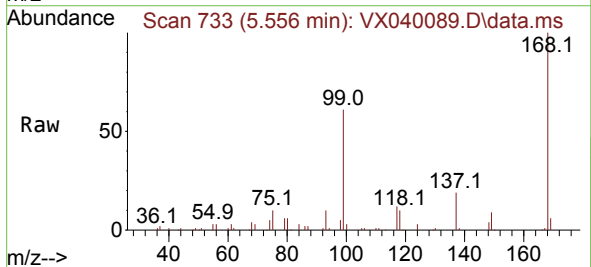
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-EB-20240131

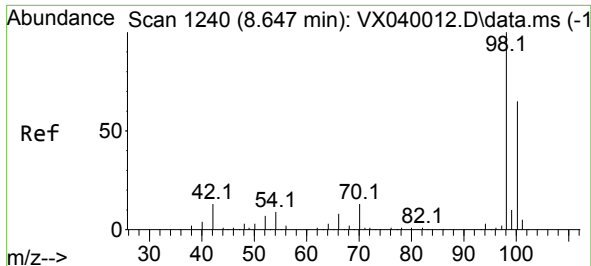
Tgt Ion: 75 Resp: 7739
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.818 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

Tgt Ion: 117 Resp: 9419
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

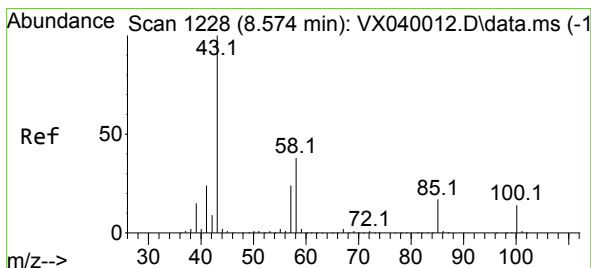
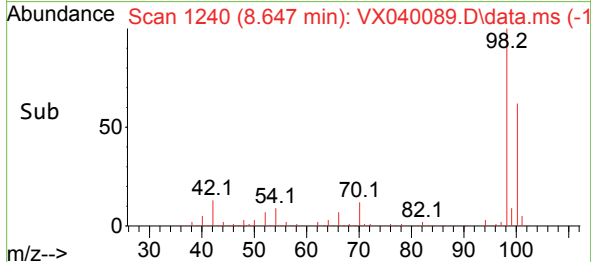
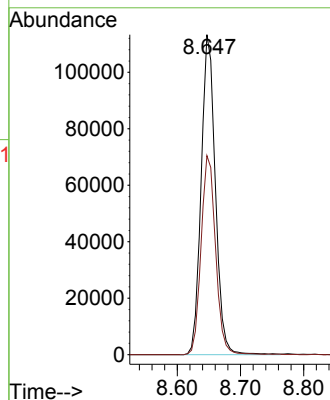
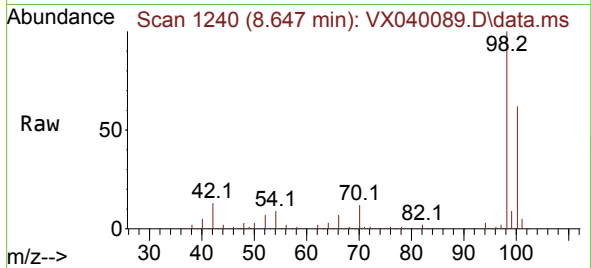




#50
Toluene-d8
Concen: 47.488 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

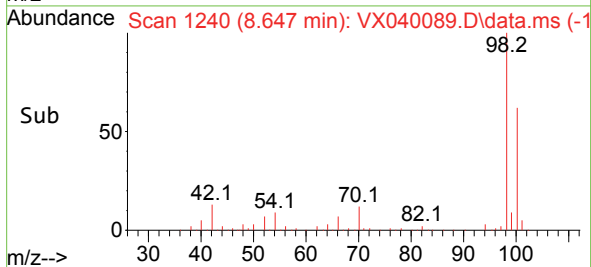
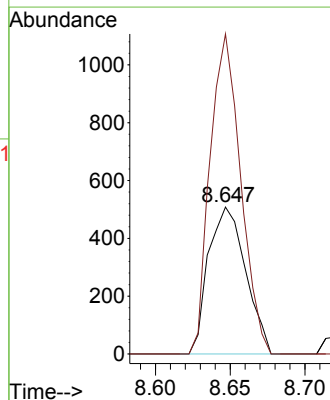
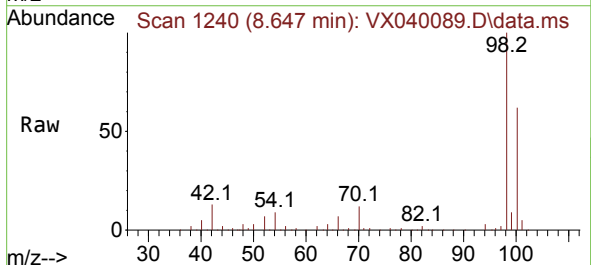
Instrument :
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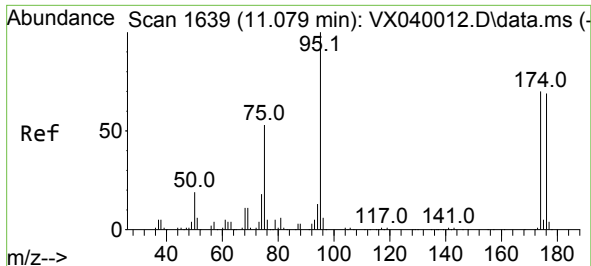
Tgt Ion: 98 Resp: 177281
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
58 179.5 30.4 45.6#

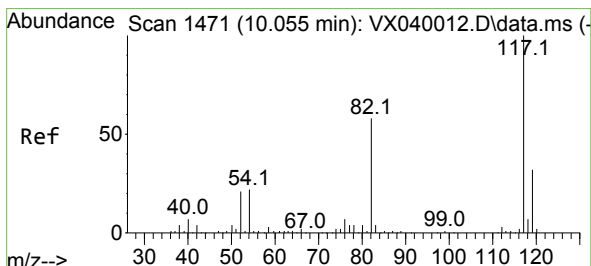
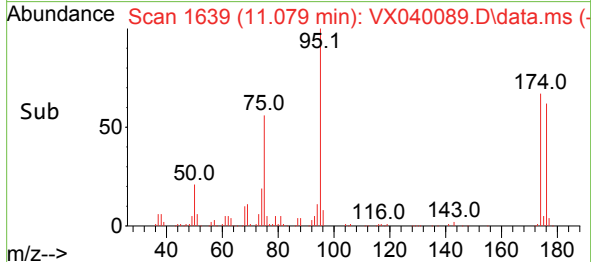
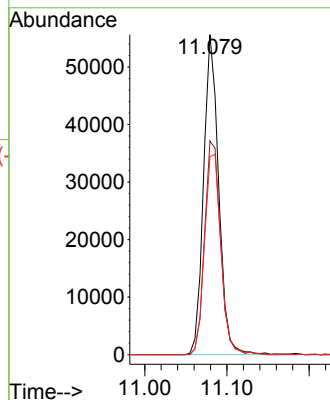
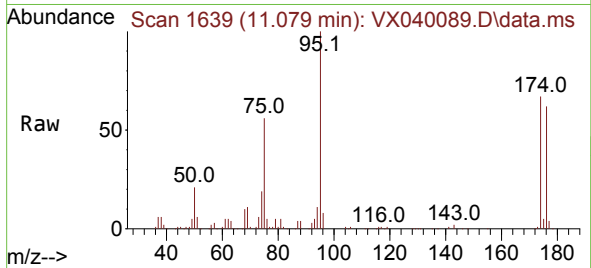




#62
4-Bromofluorobenzene
Concen: 49.403 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

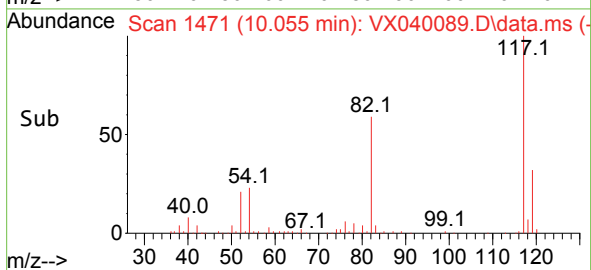
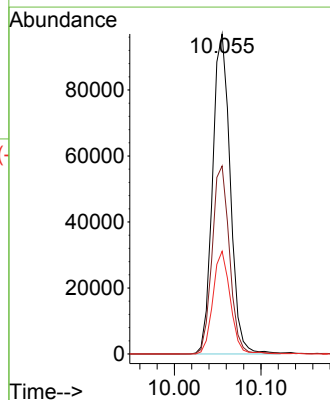
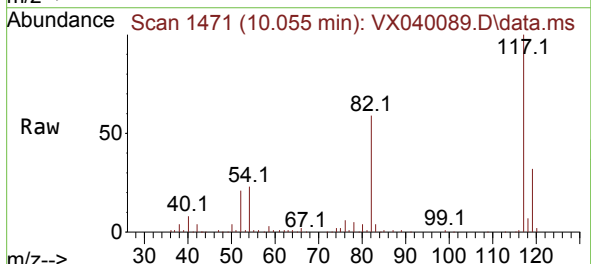
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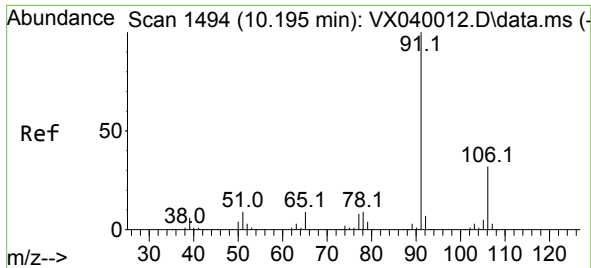
Tgt Ion: 95 Resp: 71016
Ion Ratio Lower Upper
95 100
174 70.7 0.0 135.6
176 68.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

Tgt Ion: 117 Resp: 137607
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.1 25.5 38.3

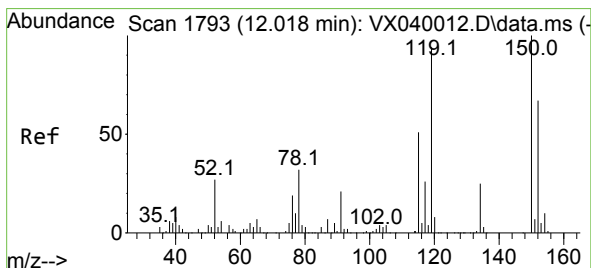
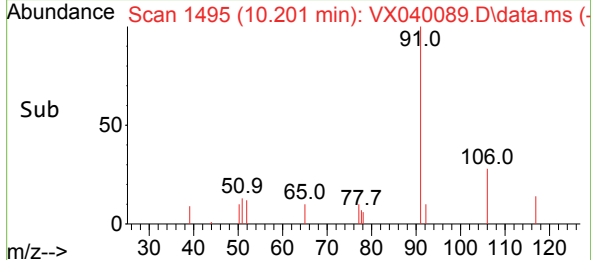
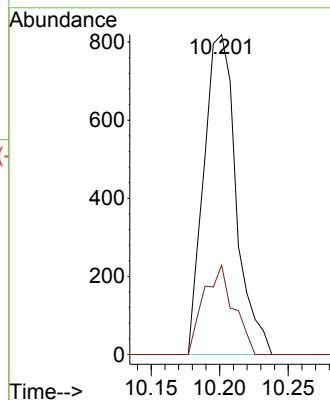
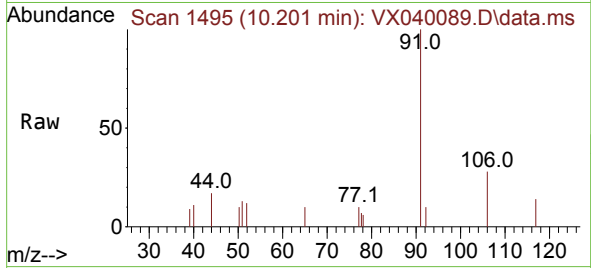




#67
Ethyl Benzene
Concen: 0.263 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

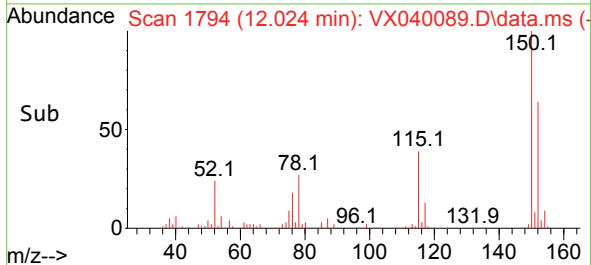
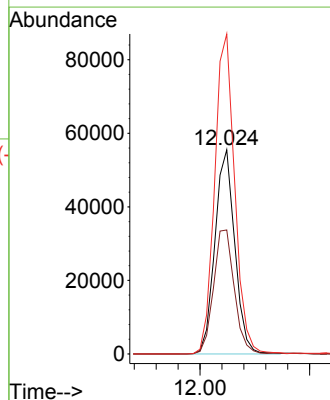
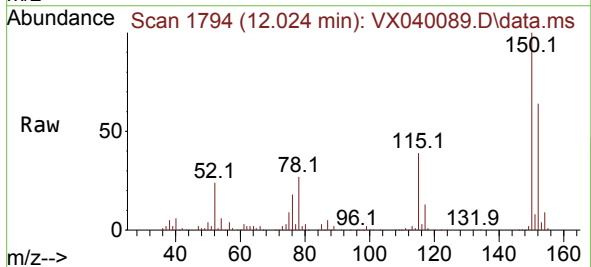
Instrument :
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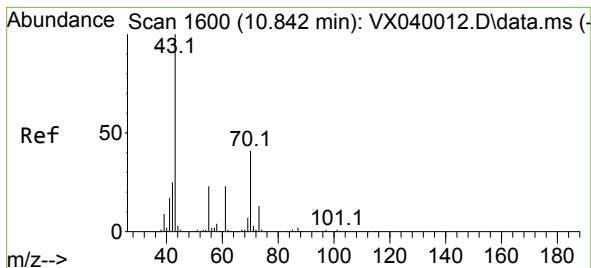
Tgt Ion: 91 Resp: 1340
Ion Ratio Lower Upper
91 100
106 28.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040089.D
Acq: 02 Feb 2024 16:02

Tgt Ion: 152 Resp: 70027
Ion Ratio Lower Upper
152 100
115 63.8 43.3 129.9
150 157.8 0.0 345.0





#74

N-amy1 acetate

Concen: 0.219 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.243 min

Lab File: VX040089.D

Acq: 02 Feb 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-EB-20240131

Tgt Ion: 43 Resp: 47

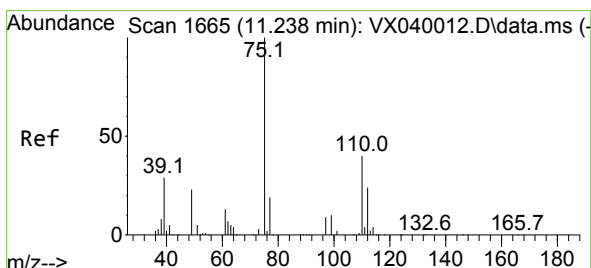
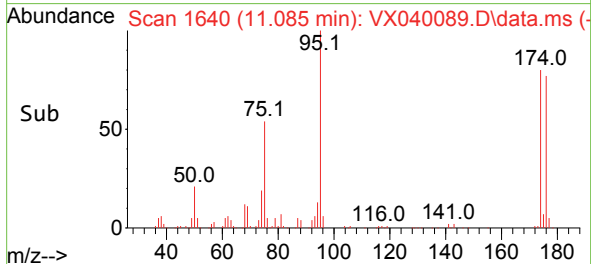
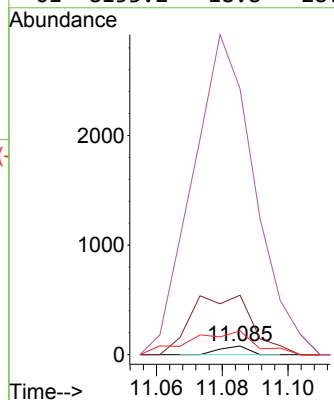
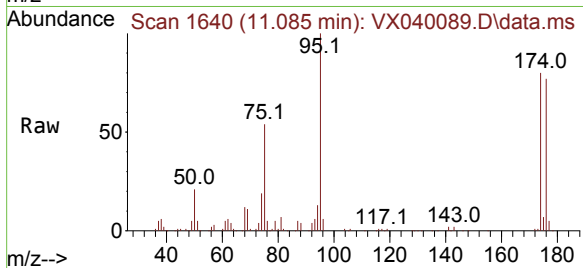
Ion Ratio Lower Upper

43 100

70 1495.7 32.9 49.3#

55 644.7 19.3 28.9#

61 8153.2 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 26.336 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040089.D

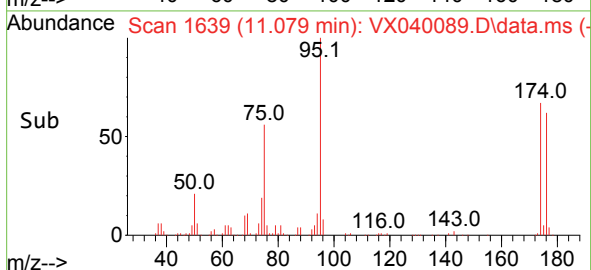
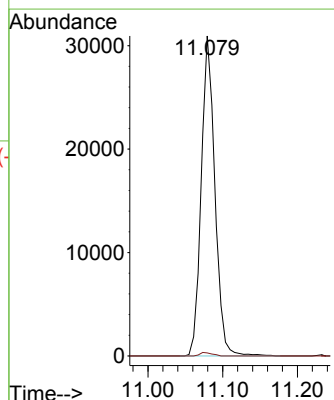
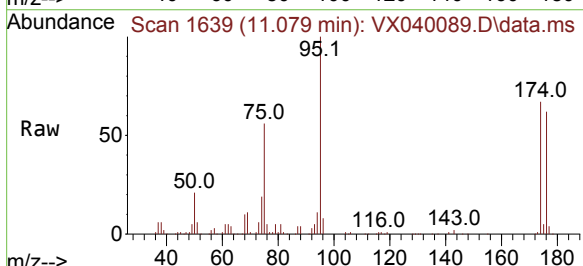
Acq: 02 Feb 2024 16:02

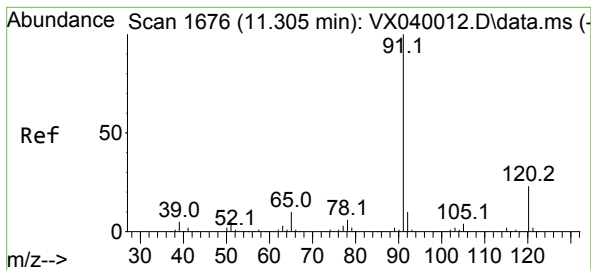
Tgt Ion: 75 Resp: 39274

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#78

n-propylbenzene

Concen: 0.233 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040089.D

Acq: 02 Feb 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

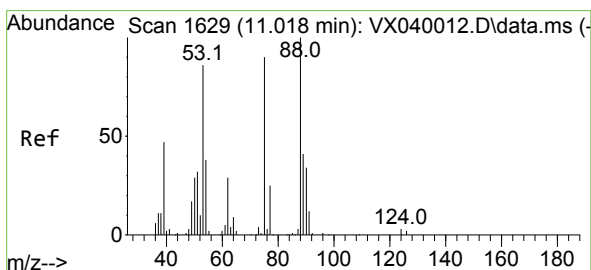
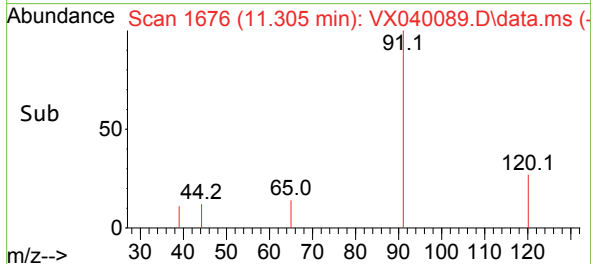
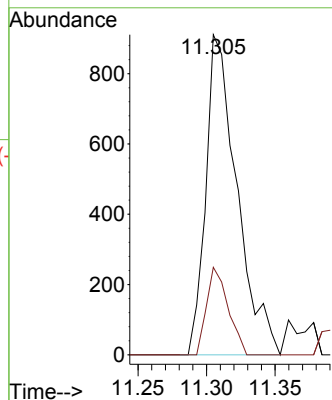
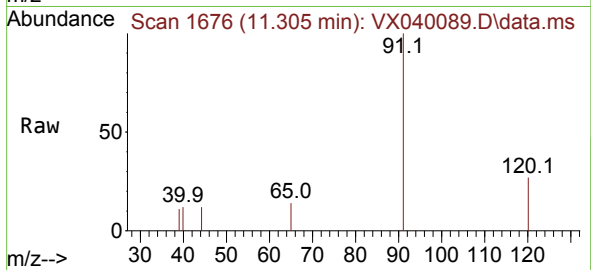
BP-VPB-195-EB-20240131

Tgt Ion: 91 Resp: 1439

Ion Ratio Lower Upper

91 100

120 18.9 11.5 34.4



#81

trans-1,4-Dichloro-2-butene

Concen: 77.211 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040089.D

Acq: 02 Feb 2024 16:02

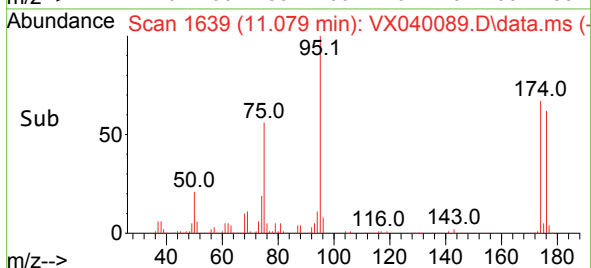
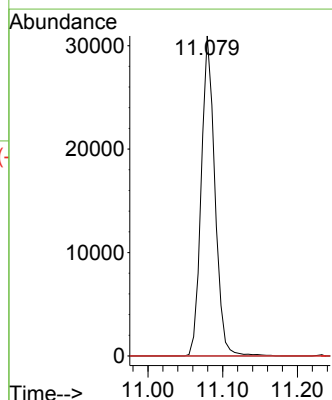
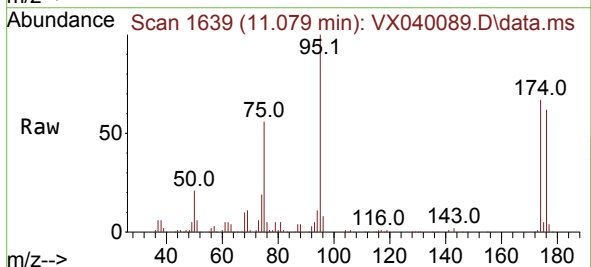
Tgt Ion: 75 Resp: 39274

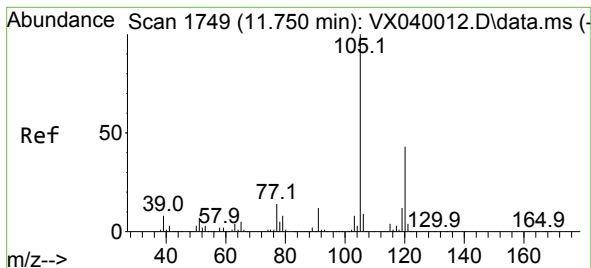
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.495 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040089.D

Acq: 02 Feb 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

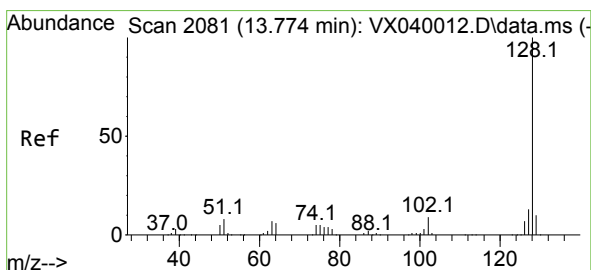
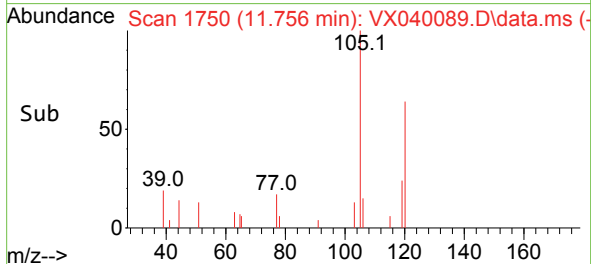
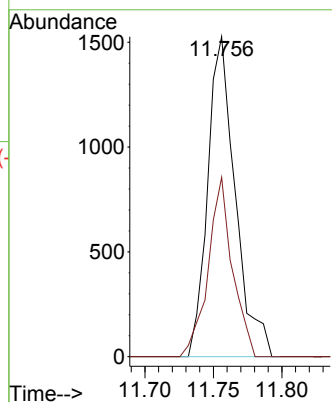
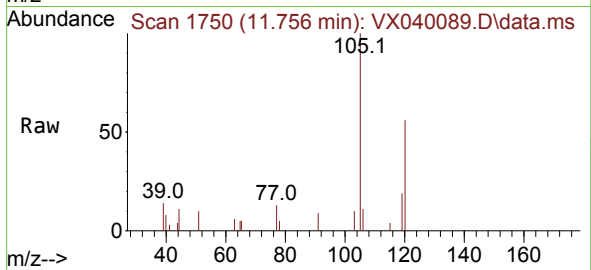
BP-VPB-195-EB-20240131

Tgt Ion:105 Resp: 2135

Ion Ratio Lower Upper

105 100

120 49.3 21.2 63.6



#95

Naphthalene

Concen: 0.363 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX040089.D

Acq: 02 Feb 2024 16:02

Tgt Ion:128 Resp: 1739

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 7.6 8.8 13.2#

