

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040088.D
 Acq On : 02 Feb 2024 15:39
 Operator : JC/MD
 Sample : P1343-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-680-682

Quant Time: Feb 03 02:17:41 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

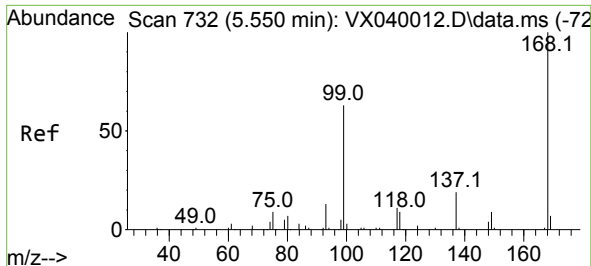
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	82550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62120	46.758	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.520%
35) Dibromofluoromethane	5.385	113	48485	48.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	8.647	98	173190	46.030	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	66666	46.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.020%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1638	2.631	ug/l	95
31) Cyclohexane	5.550	56	2222	1.335	ug/l #	29
36) 1,1-Dichloropropene	5.556	75	7482	5.142	ug/l #	51
38) Carbon Tetrachloride	5.556	117	9106	6.540	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	936	0.547	ug/l #	1
67) Ethyl Benzene	10.201	91	1365	0.298	ug/l #	55
68) m/p-Xylenes	10.201	106	456	0.265	ug/l #	40
74) N-amyl acetate	10.872	43	46	0.221	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	36988	27.228	ug/l #	39
78) n-propylbenzene	11.311	91	1694	0.301	ug/l	100
79) 2-Chlorotoluene	11.311	91	1694	0.499	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	36988	79.382	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	2236	0.569	ug/l	98
95) Naphthalene	13.780	128	1957	0.448	ug/l #	91

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

Quant Time: Feb 03 02:17:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
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QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration

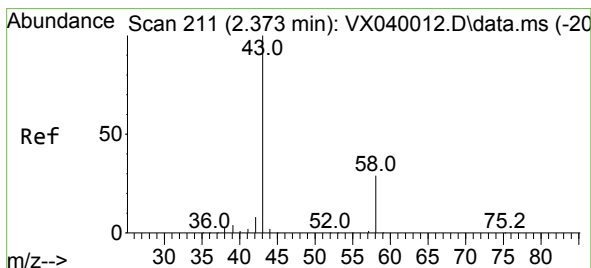
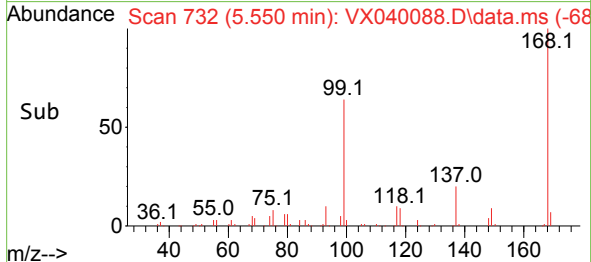
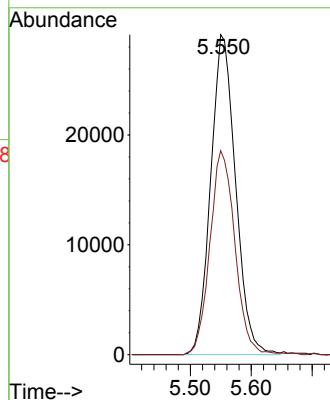
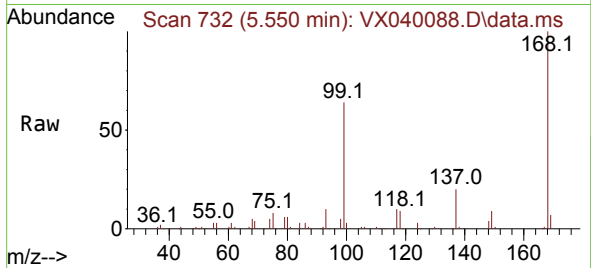




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

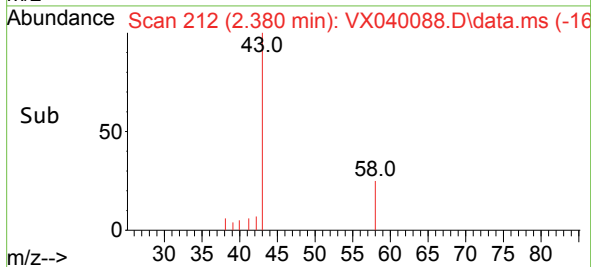
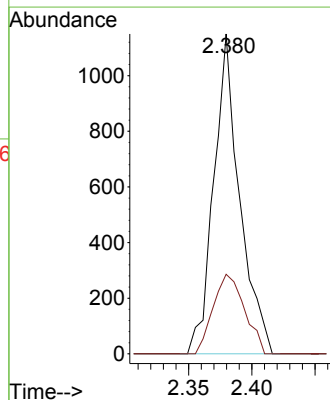
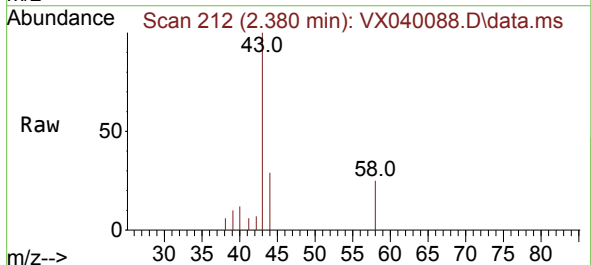
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-680-682

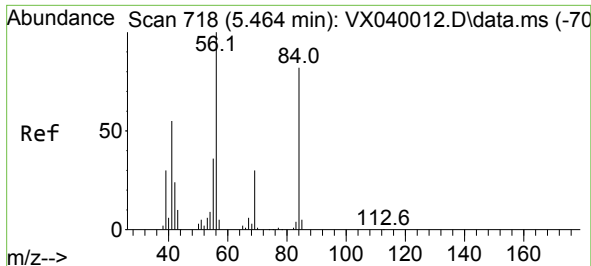
Tgt Ion:168 Resp: 82550
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#16
Acetone
Concen: 2.631 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
58 24.9 21.9 32.9

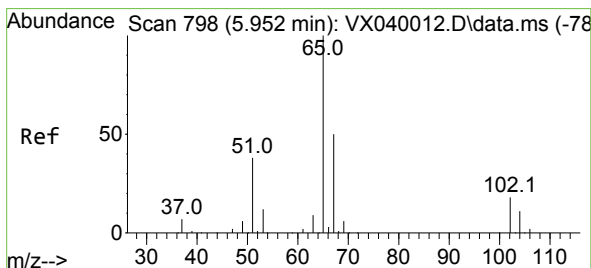
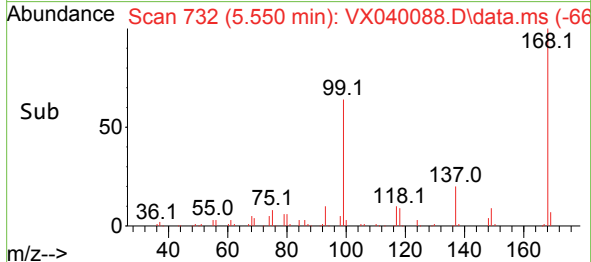
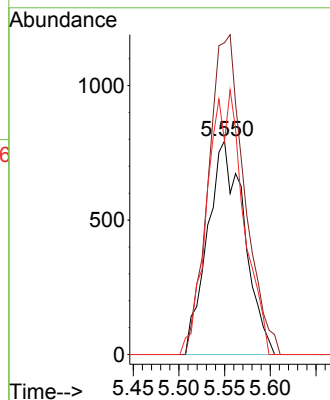
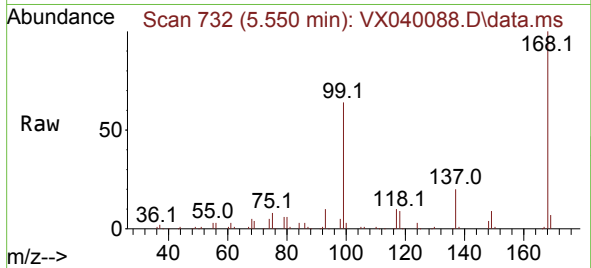




#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

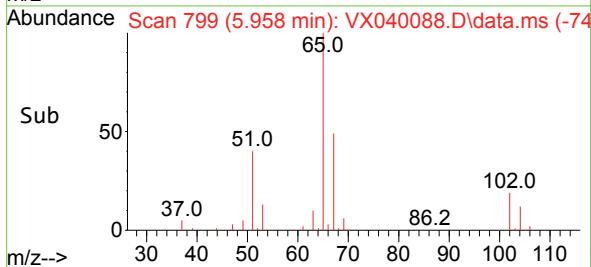
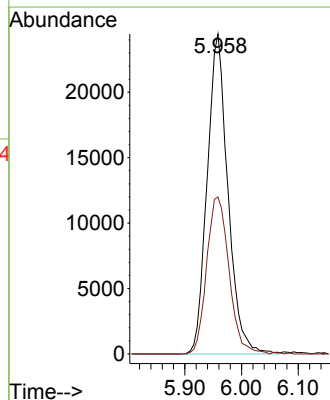
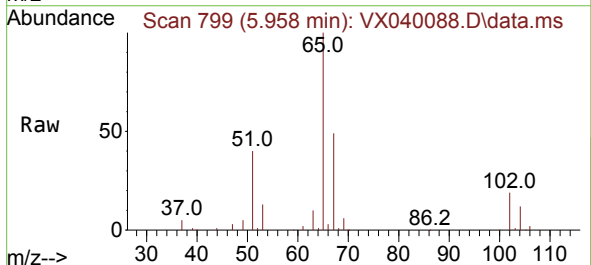
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-680-682

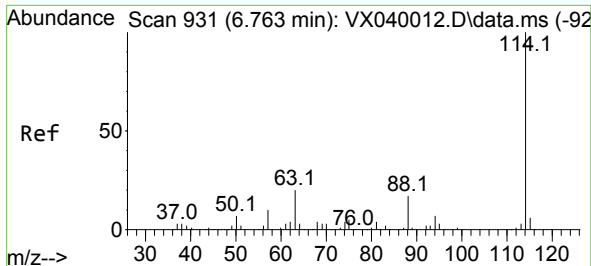
Tgt Ion: 56 Resp: 2222
Ion Ratio Lower Upper
56 100
69 145.8 23.4 35.2#
84 99.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.758 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

Tgt Ion: 65 Resp: 62120
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

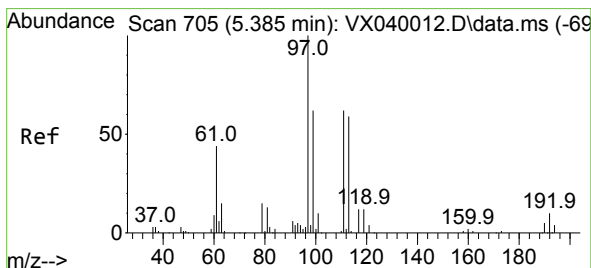
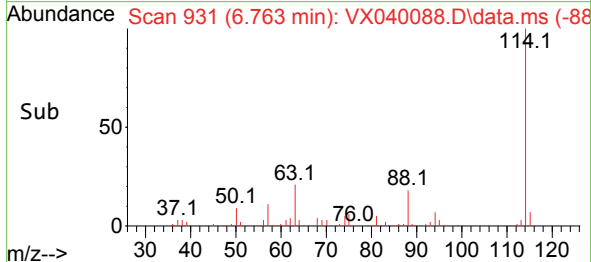
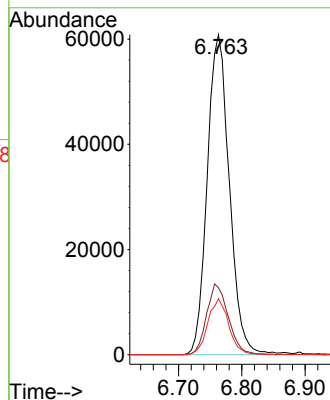
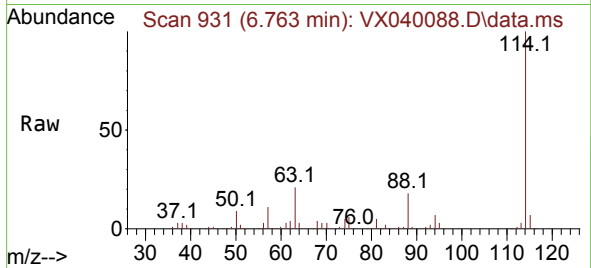




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

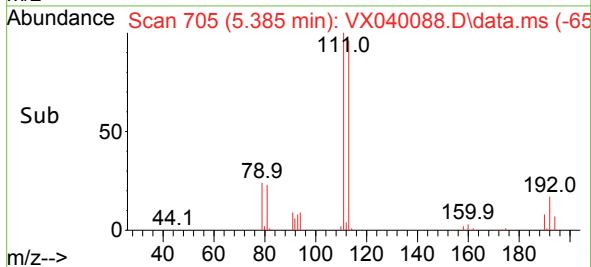
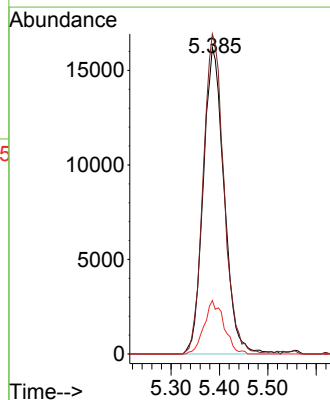
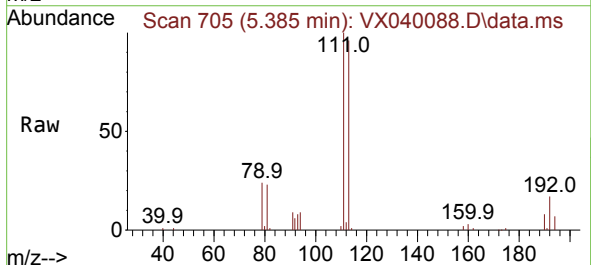
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-680-682

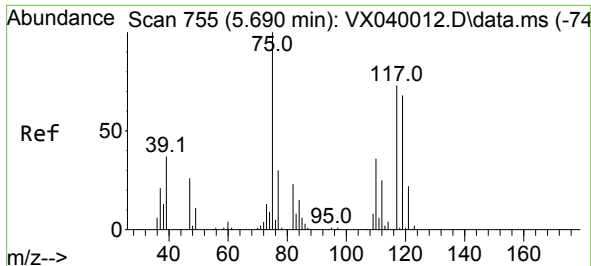
Tgt Ion:114 Resp: 147798
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.190 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

Tgt Ion:113 Resp: 48485
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.6 13.3 19.9

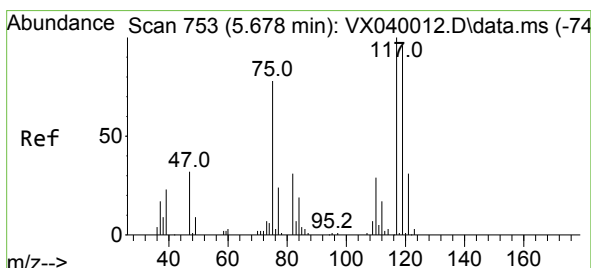
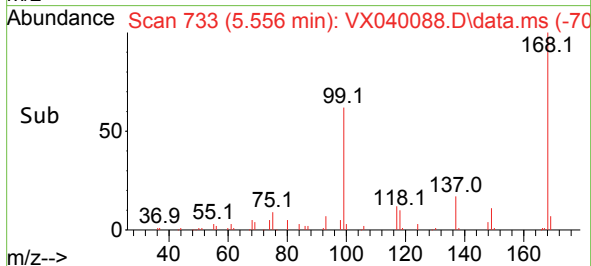
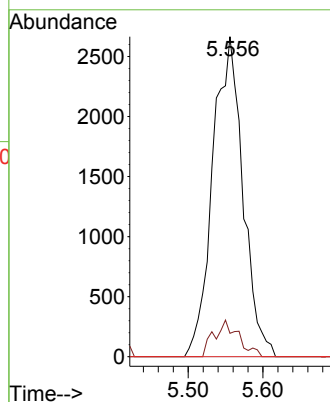
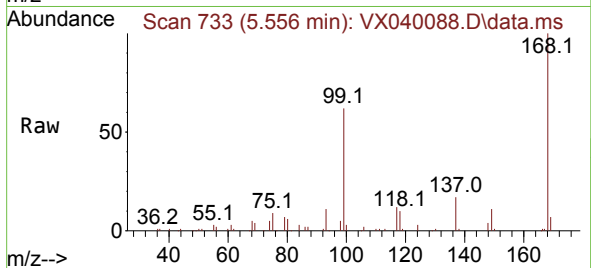




#36
1,1-Dichloropropene
Concen: 5.142 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

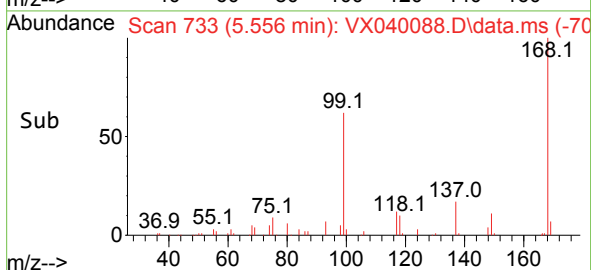
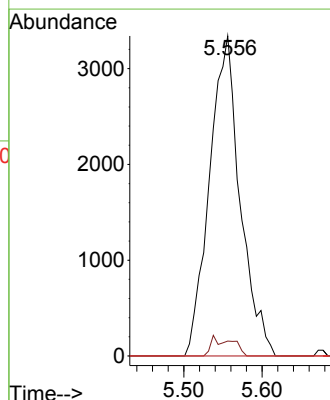
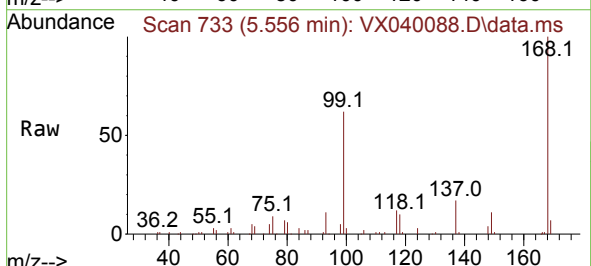
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-680-682

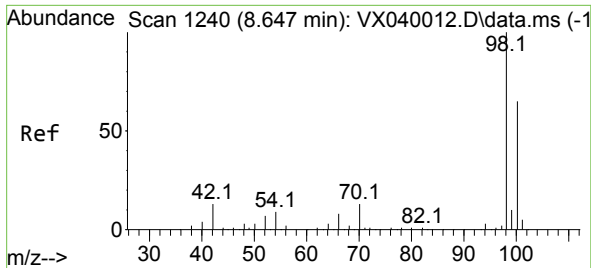
Tgt Ion: 75 Resp: 7482
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.540 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

Tgt Ion: 117 Resp: 9106
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

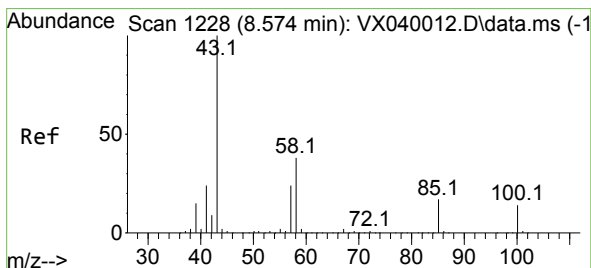
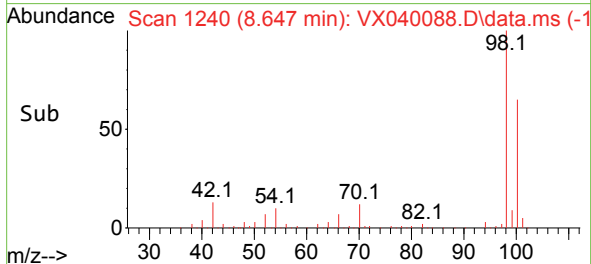
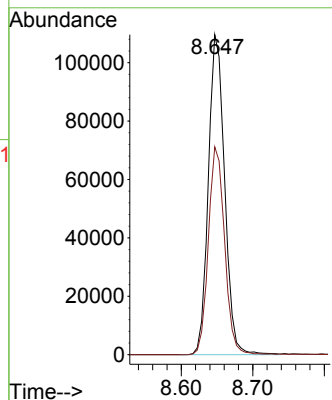
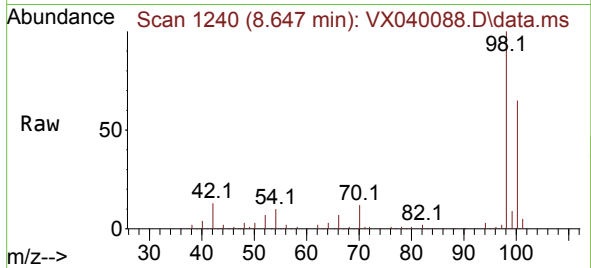




#50
Toluene-d8
Concen: 46.030 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

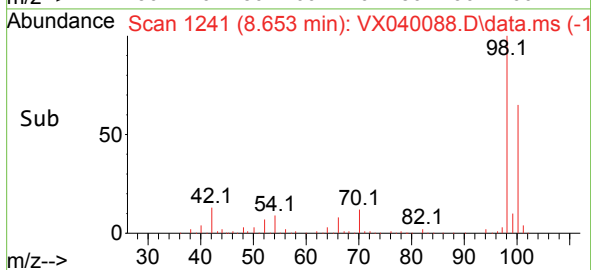
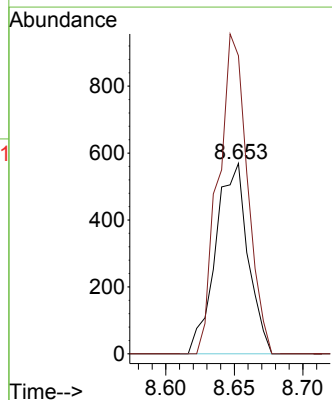
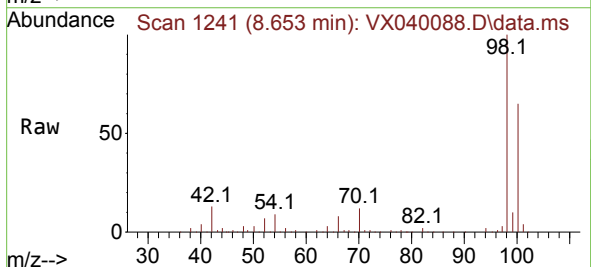
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BP-VPB-195-GW-680-682

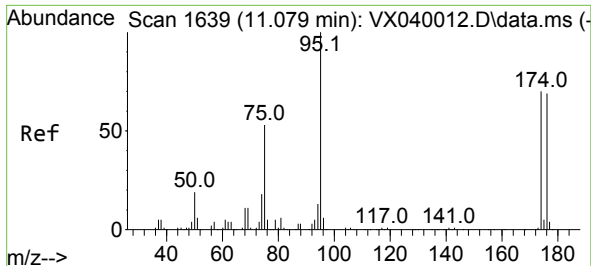
Tgt Ion: 98 Resp: 173190
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 150.9 30.4 45.6#

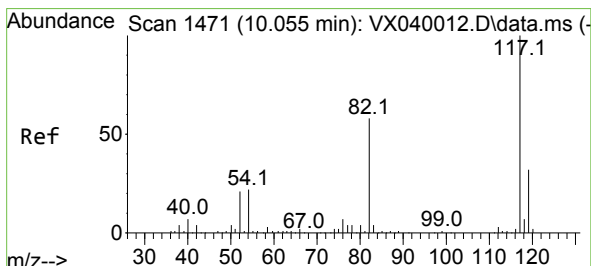
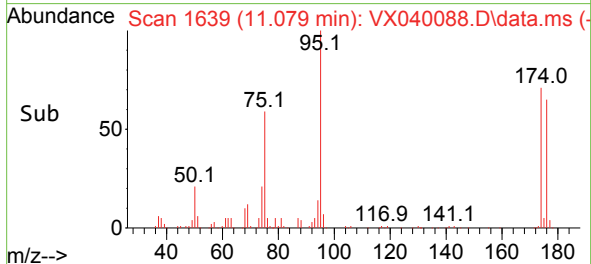
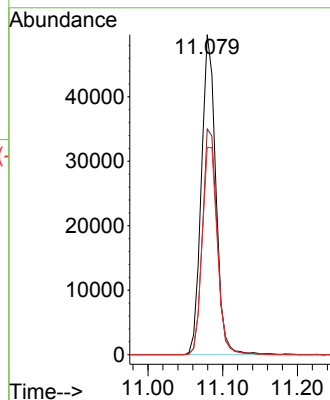
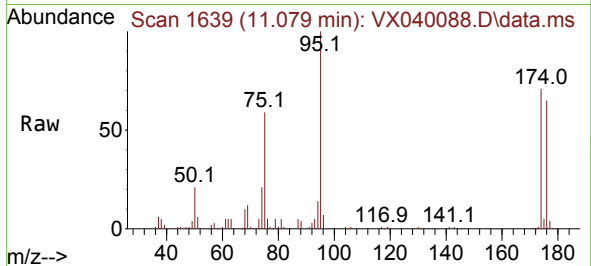




#62
4-Bromofluorobenzene
Concen: 46.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

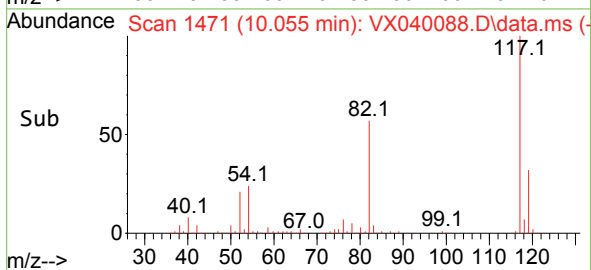
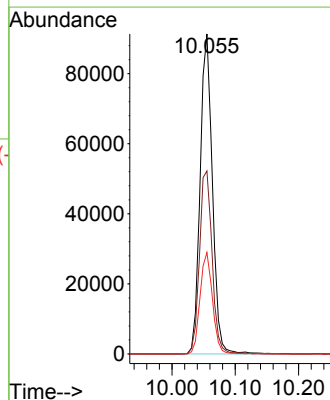
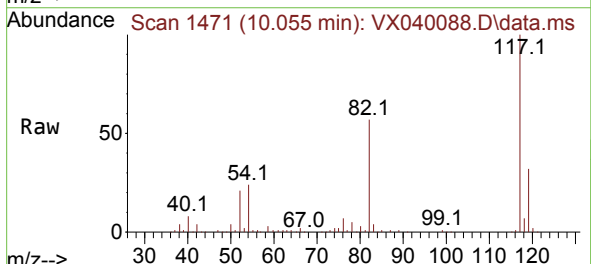
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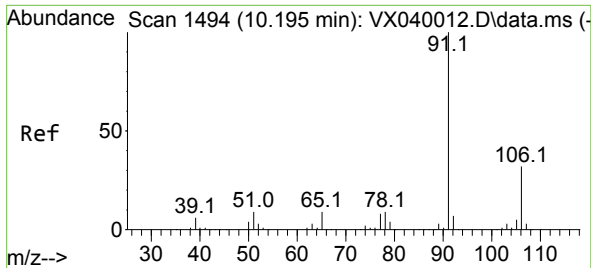
Tgt Ion: 95 Resp: 66666
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 68.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

Tgt Ion: 117 Resp: 123505
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 31.7 25.5 38.3





#67

Ethyl Benzene

Concen: 0.298 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX040088.D

Acq: 02 Feb 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

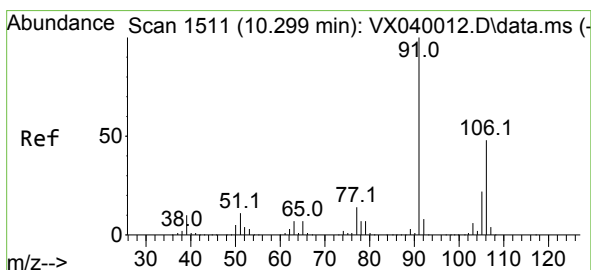
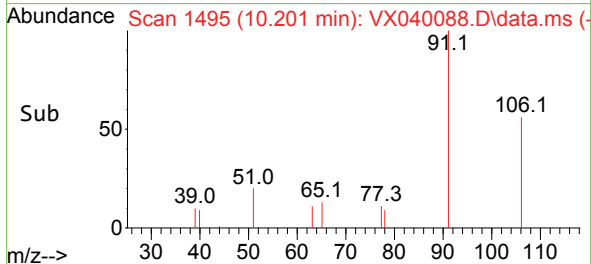
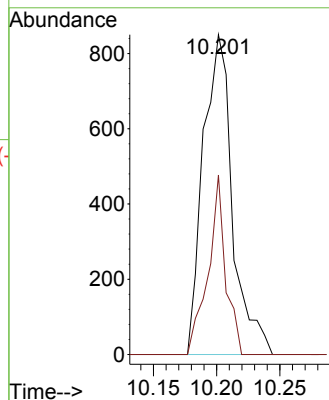
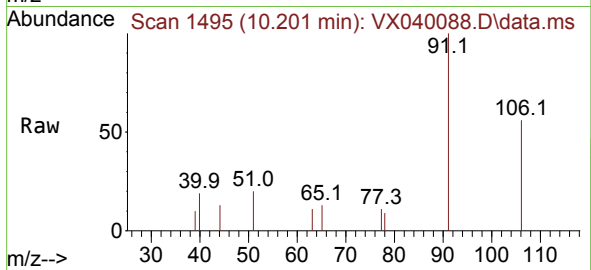
BP-VPB-195-GW-680-682

Tgt Ion: 91 Resp: 1365

Ion Ratio Lower Upper

91 100

106 56.1 24.9 37.3#



#68

m/p-Xylenes

Concen: 0.265 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. -0.097 min

Lab File: VX040088.D

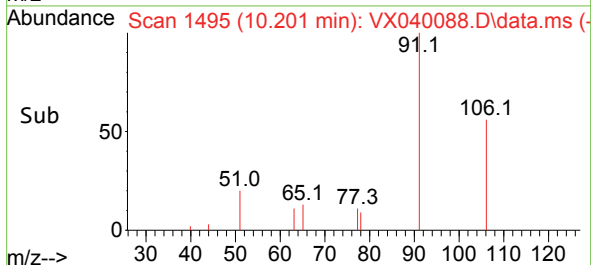
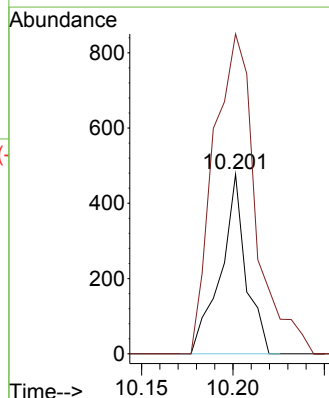
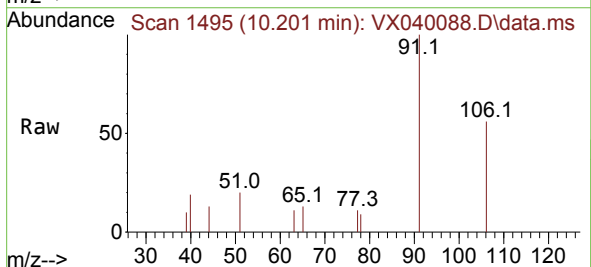
Acq: 02 Feb 2024 15:39

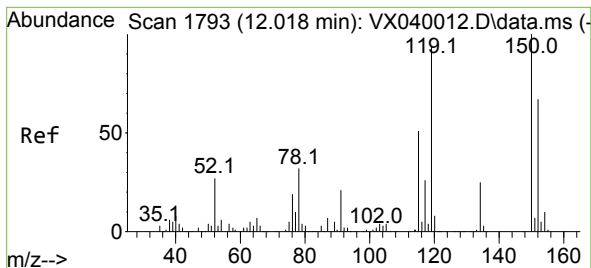
Tgt Ion: 106 Resp: 456

Ion Ratio Lower Upper

106 100

91 299.3 165.5 248.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040088.D

Acq: 02 Feb 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-680-682

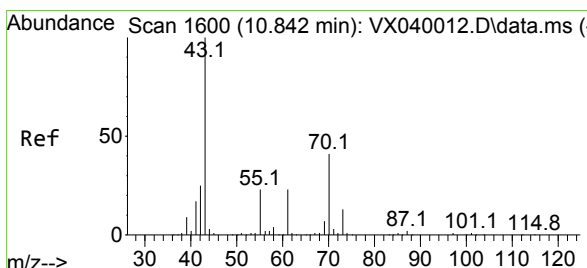
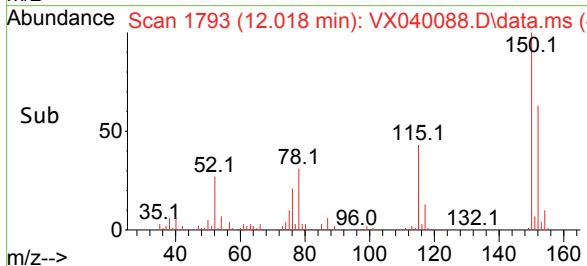
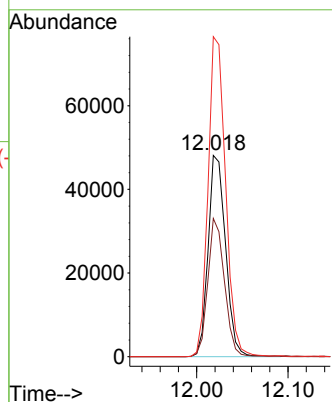
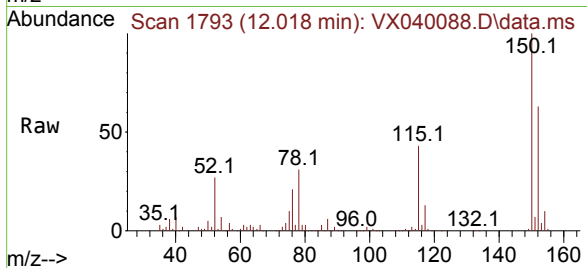
Tgt Ion:152 Resp: 63791

Ion Ratio Lower Upper

152 100

115 65.5 43.3 129.9

150 159.9 0.0 345.0



#74

N-ethyl acetate

Concen: 0.221 ug/l

RT: 10.872 min Scan# 1605

Delta R.T. 0.030 min

Lab File: VX040088.D

Acq: 02 Feb 2024 15:39

Tgt Ion: 43 Resp: 46

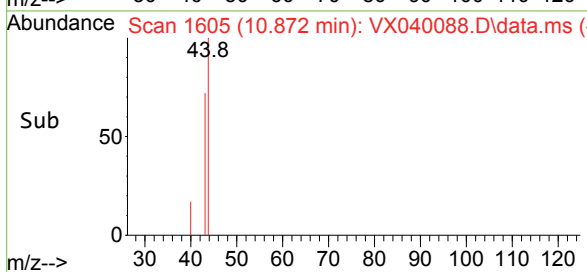
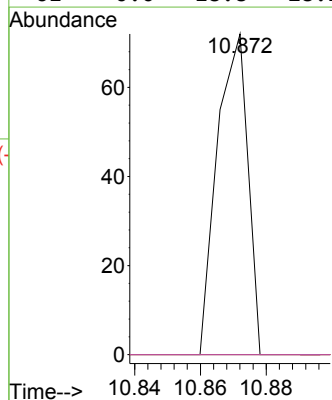
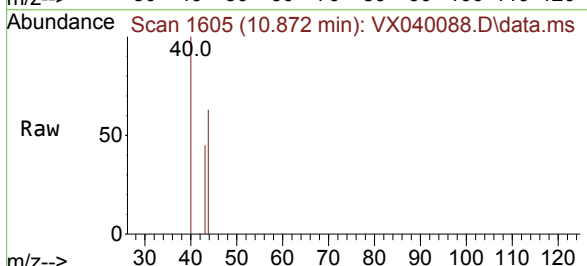
Ion Ratio Lower Upper

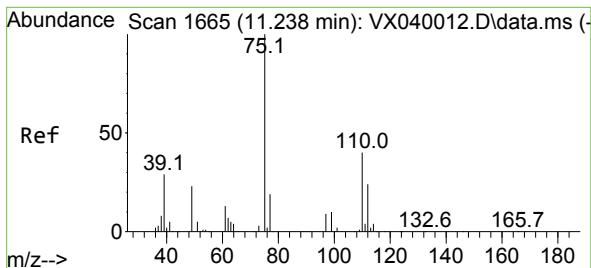
43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 27.228 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX040088.D

Acq: 02 Feb 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

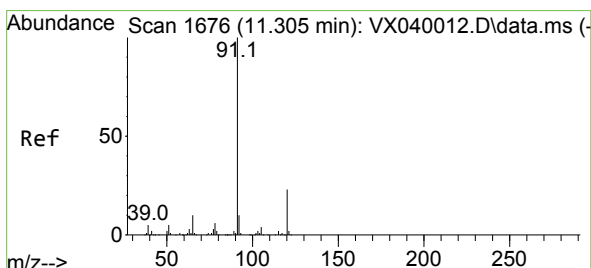
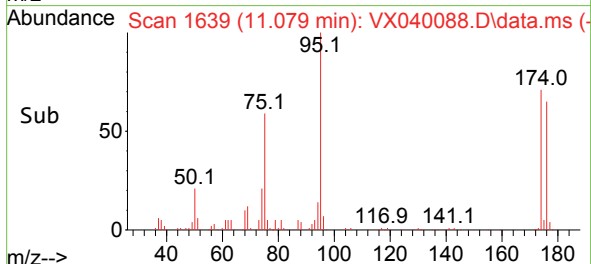
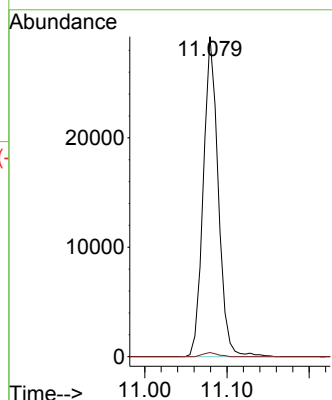
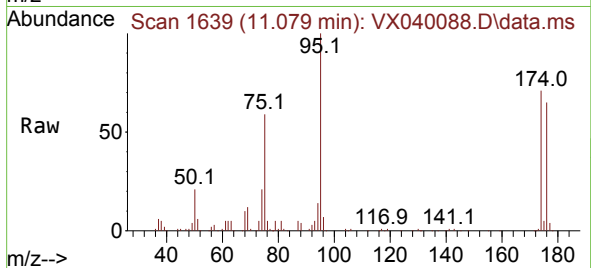
BP-VPB-195-GW-680-682

Tgt Ion: 75 Resp: 36988

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#78

n-propylbenzene

Concen: 0.301 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX040088.D

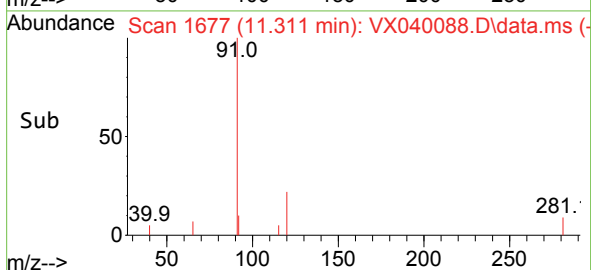
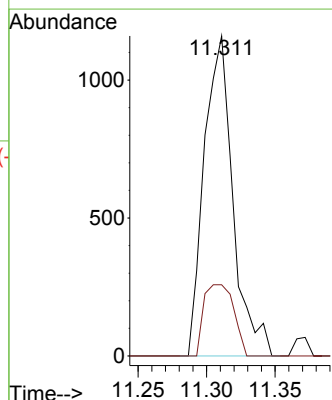
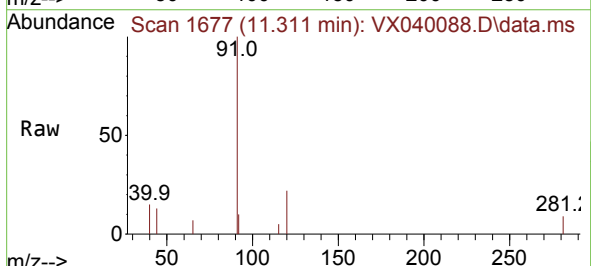
Acq: 02 Feb 2024 15:39

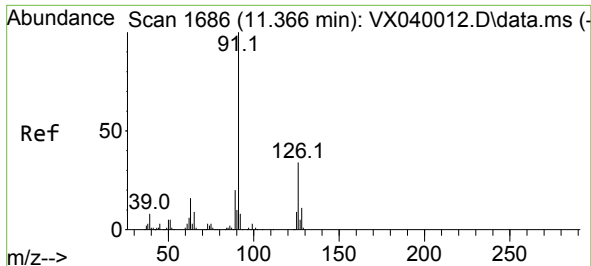
Tgt Ion: 91 Resp: 1694

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

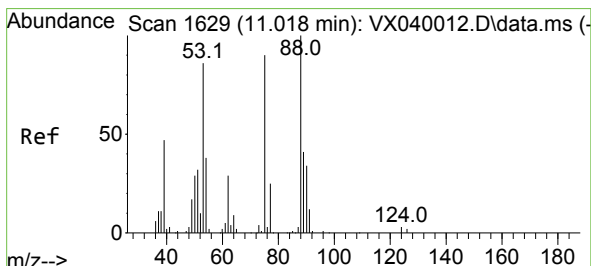
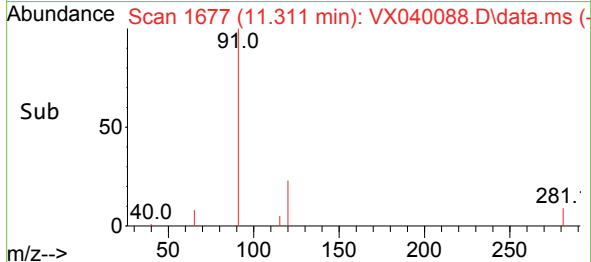
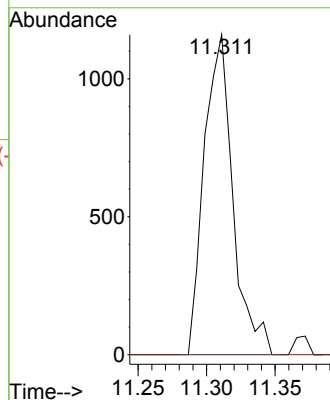
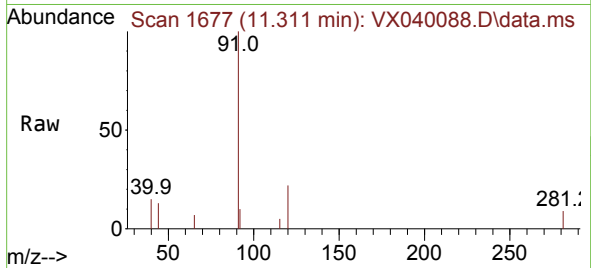




#79
2-Chlorotoluene
Concen: 0.499 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. -0.055 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

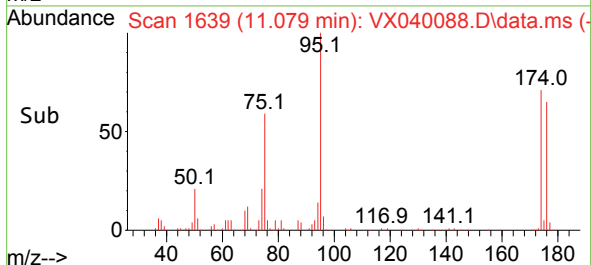
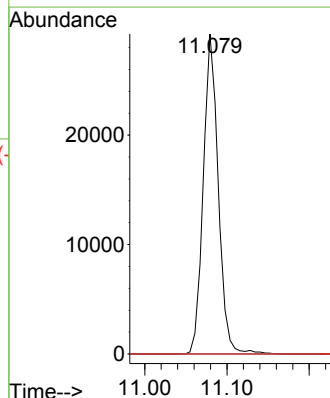
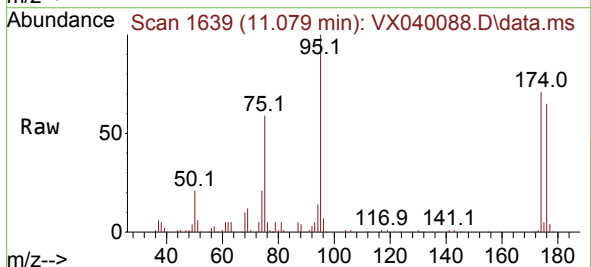
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-680-682

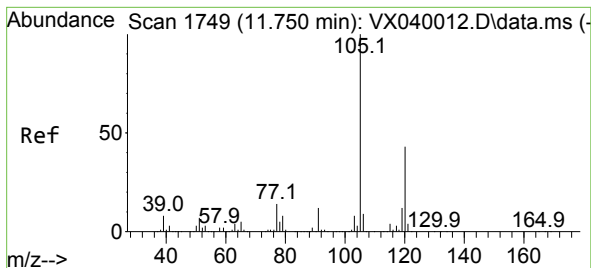
Tgt Ion: 91 Resp: 1694
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040088.D
Acq: 02 Feb 2024 15:39

Tgt Ion: 75 Resp: 36988
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: 0.569 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040088.D

Acq: 02 Feb 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

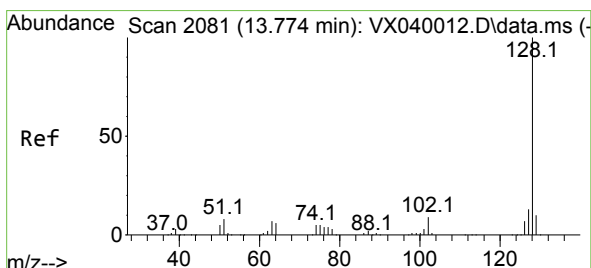
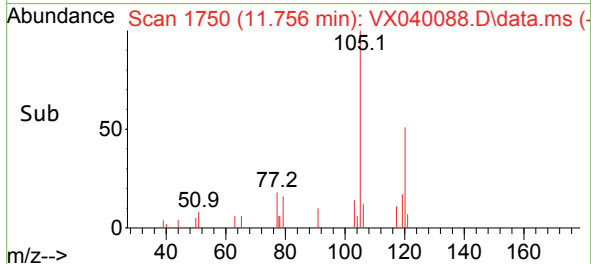
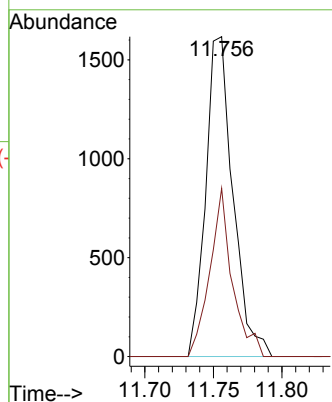
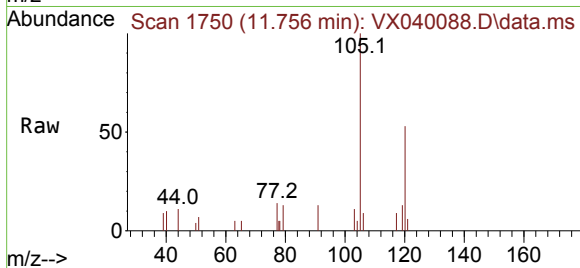
BP-VPB-195-GW-680-682

Tgt Ion:105 Resp: 2236

Ion Ratio Lower Upper

105 100

120 43.4 21.2 63.6



#95

Naphthalene

Concen: 0.448 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX040088.D

Acq: 02 Feb 2024 15:39

Tgt Ion:128 Resp: 1957

Ion Ratio Lower Upper

128 100

127 9.2 10.3 15.5#

129 7.4 8.8 13.2#

