

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030322.D
 Acq On : 01 Aug 2022 15:07
 Operator : JC/MD
 Sample : N3964-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-WATER-1

Quant Time: Aug 02 01:53:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

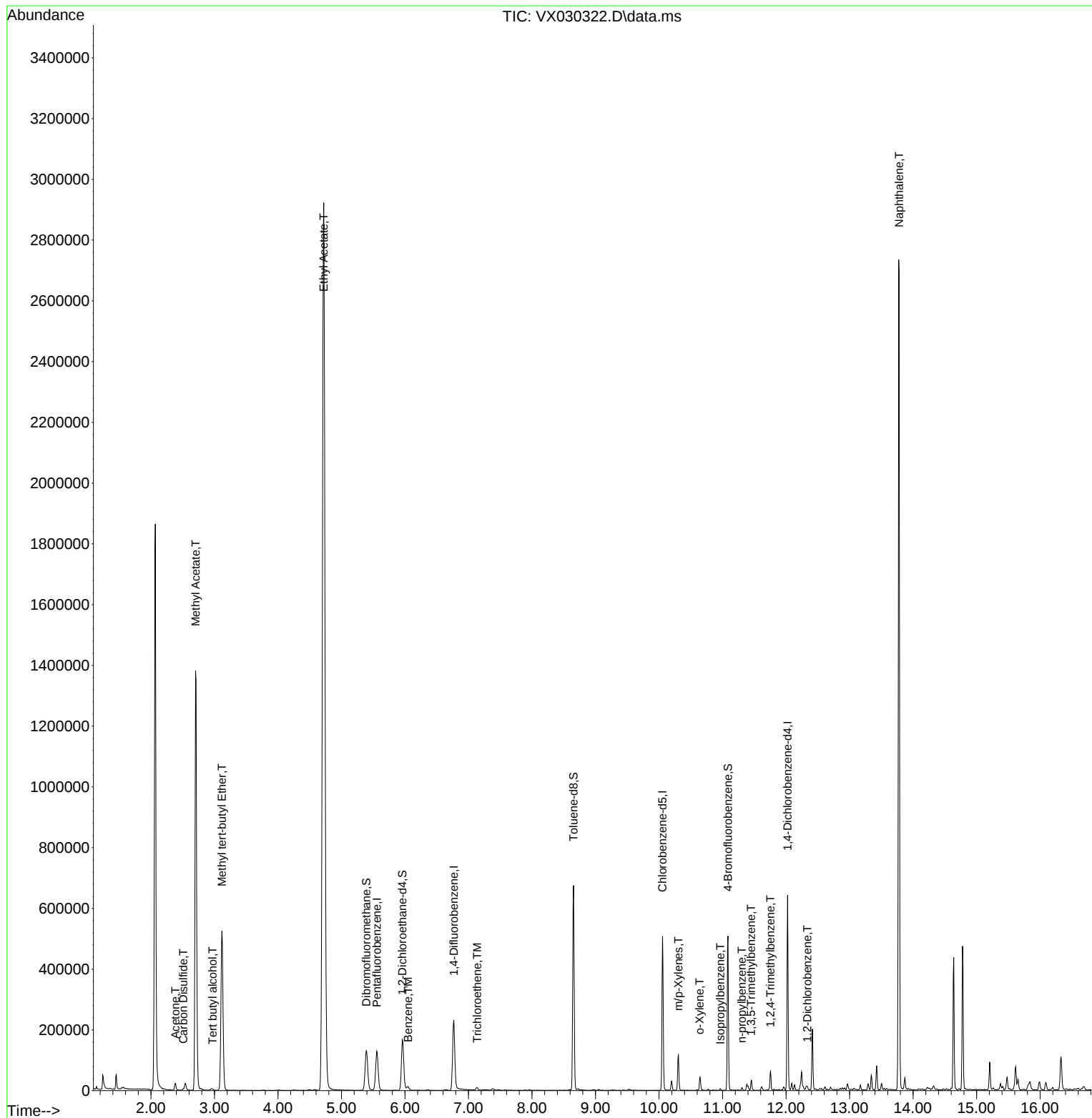
Internal Standards						
1) Pentafluorobenzene	5.556	168	117223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153361	65.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 130.180%	#
35) Dibromofluoromethane	5.391	113	118430	54.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.800%	
50) Toluene-d8	8.653	98	393209	46.637	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.280%	
62) 4-Bromofluorobenzene	11.085	95	141435	45.200	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.400%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	6090	10.596	ug/l	# 74
16) Acetone	2.386	43	23346	19.354	ug/l	90
17) Carbon Disulfide	2.508	76	6559	1.327	ug/l	99
18) Methyl Acetate	2.703	43	1632211	457.468	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	564974	90.070	ug/l	99
37) Ethyl Acetate	4.721	43	5064628	1141.471	ug/l	99
40) Benzene	6.050	78	14244	1.445	ug/l	99
44) Trichloroethene	7.135	130	3063	1.137	ug/l	81
68) m/p-Xylenes	10.305	106	26728	6.482	ug/l	98
69) o-Xylene	10.640	106	8784	2.162	ug/l	91
73) Isopropylbenzene	10.963	105	2606	0.265	ug/l	88
78) n-propylbenzene	11.305	91	5310	0.453	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	14173	1.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	26729	3.258	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	2190	0.498	ug/l	89
95) Naphthalene	13.780	128	1695614	170.121	ug/l	99

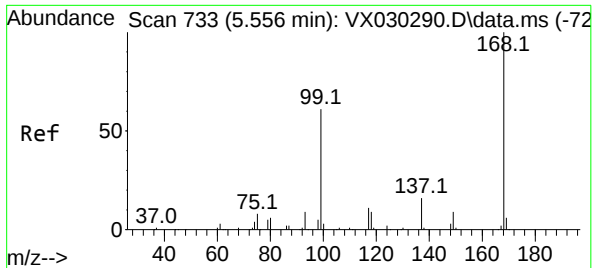
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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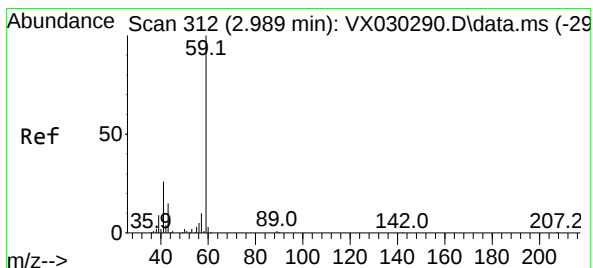
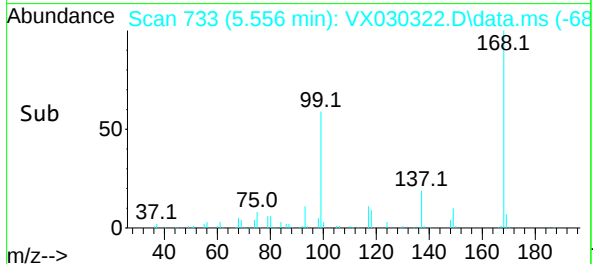
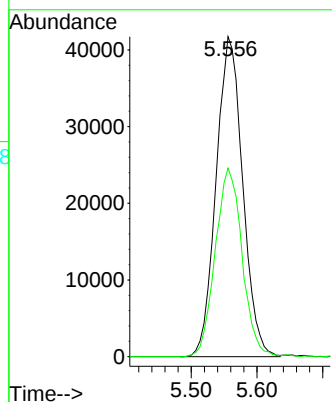
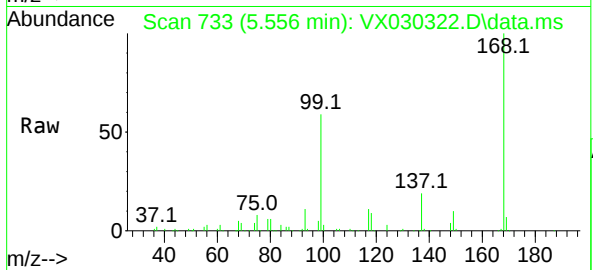




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

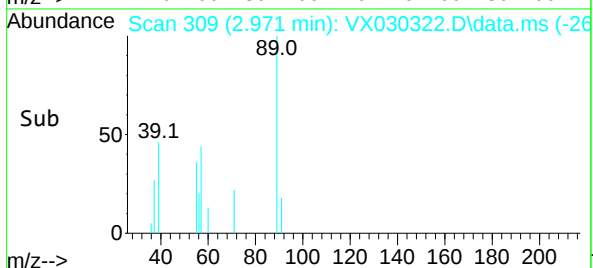
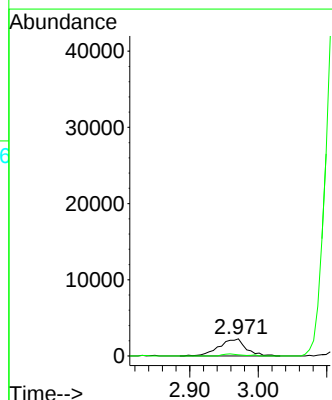
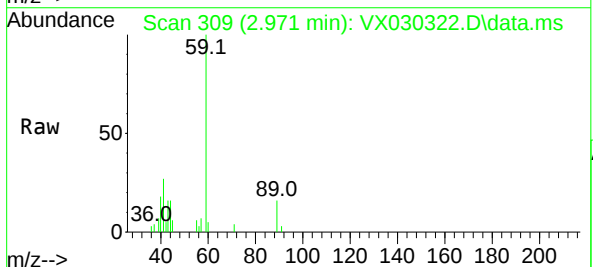
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

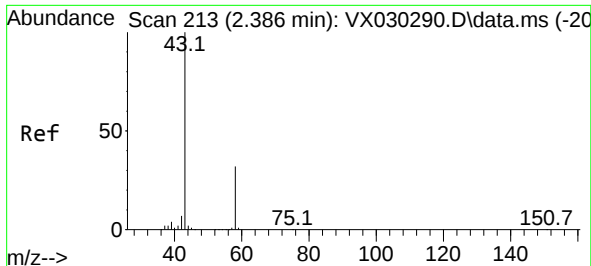
Tgt Ion:168 Resp: 117223
Ion Ratio Lower Upper
168 100
99 59.0 44.0 66.0



#11
Tert butyl alcohol
Concen: 10.596 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

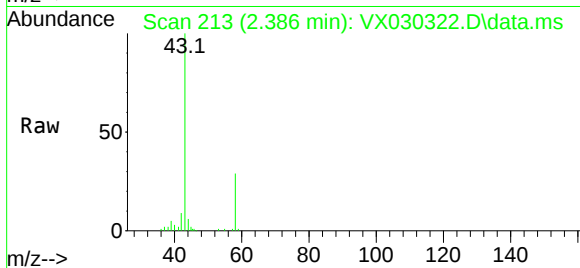
Tgt Ion: 59 Resp: 6090
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



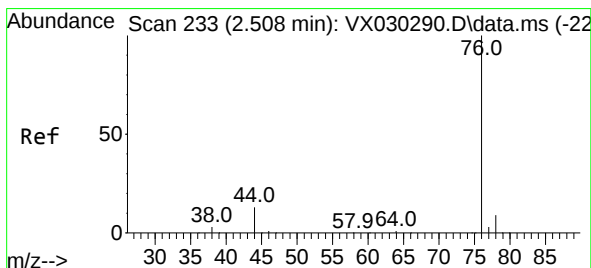
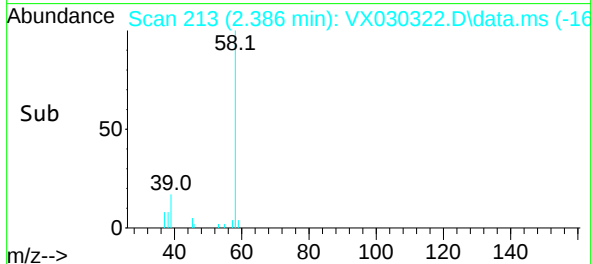
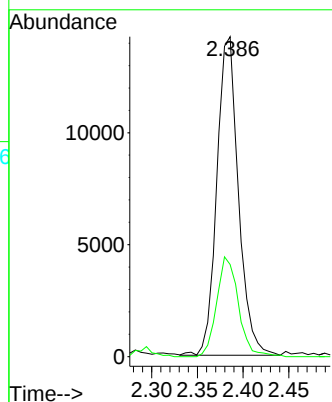


#16
Acetone
Concen: 19.354 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

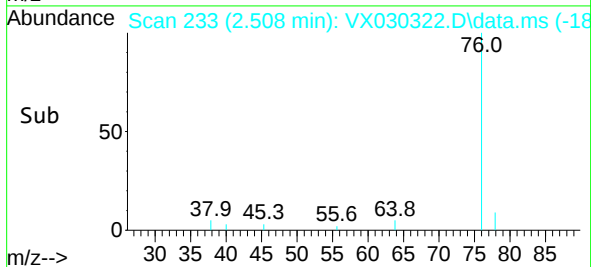
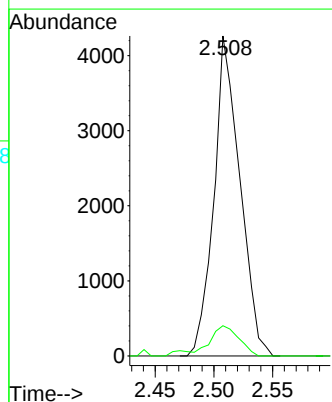
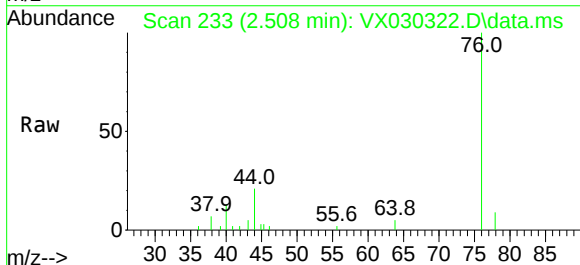


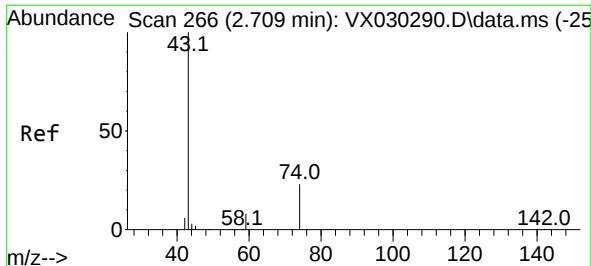
Tgt Ion: 43 Resp: 23346
Ion Ratio Lower Upper
43 100
58 28.9 27.7 41.5



#17
Carbon Disulfide
Concen: 1.327 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.001 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 76 Resp: 6559
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.6

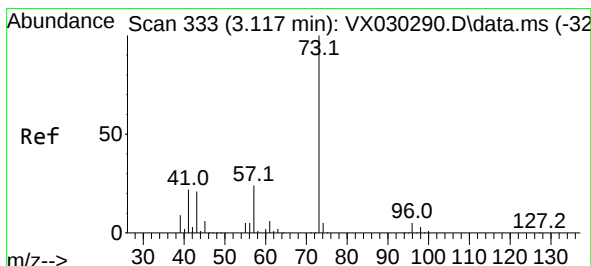
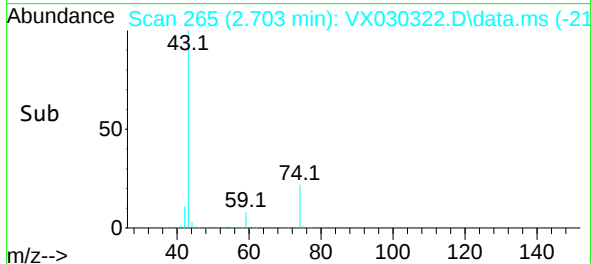
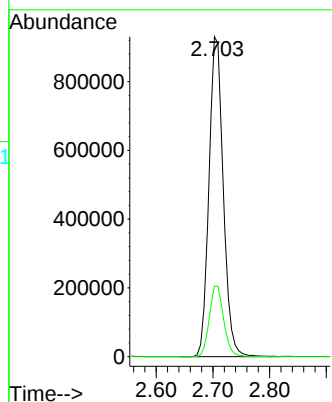
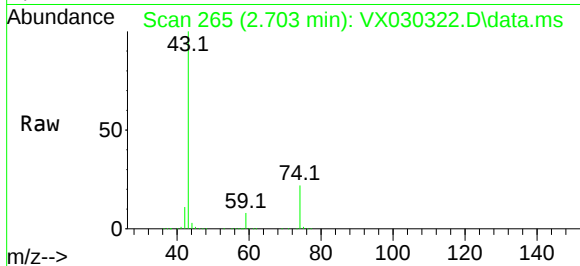




#18
Methyl Acetate
Concen: 457.468 ug/l
RT: 2.703 min Scan# 2
Delta R.T. -0.005 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

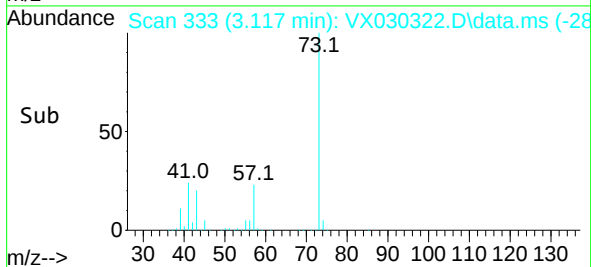
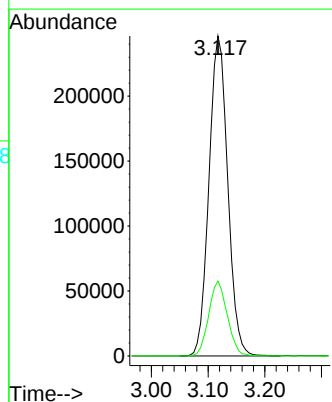
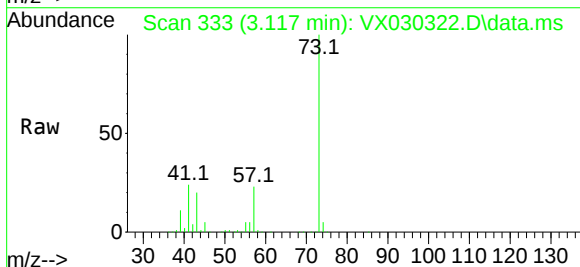
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

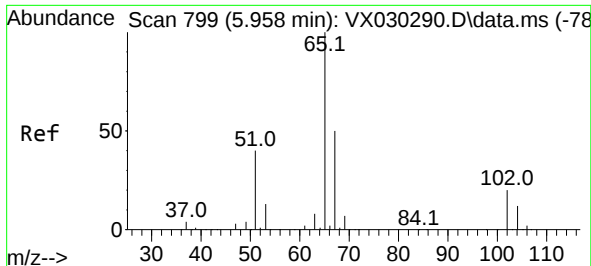
Tgt Ion: 43 Resp: 1632211
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 90.070 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 73 Resp: 564974
Ion Ratio Lower Upper
73 100
57 23.4 19.0 28.6





#33

1,2-Dichloroethane-d4

Concen: 65.091 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

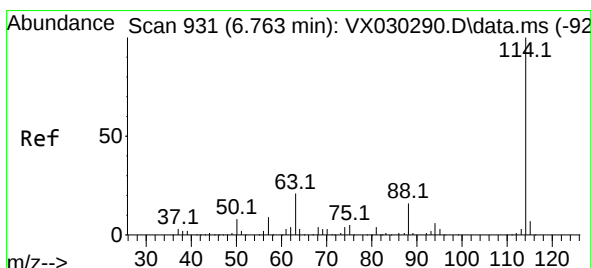
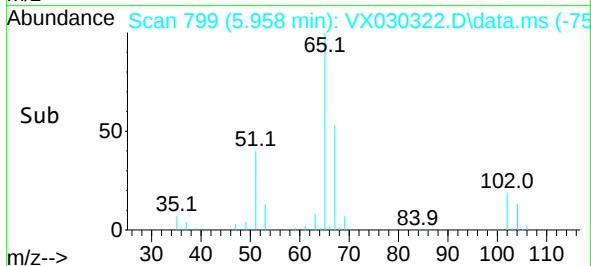
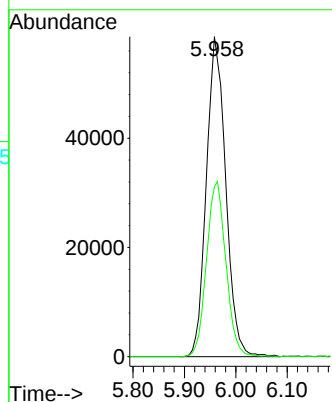
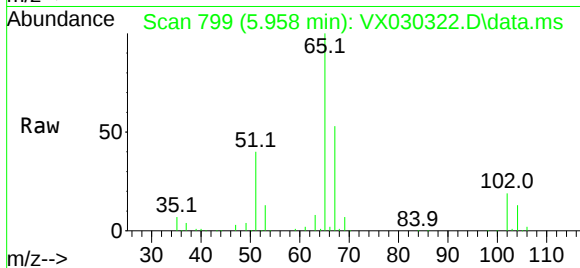
HMGP-WATER-1

Tgt Ion: 65 Resp: 153361

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

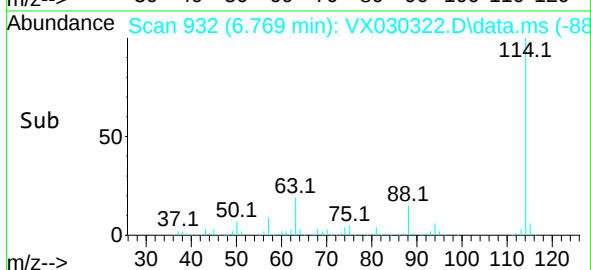
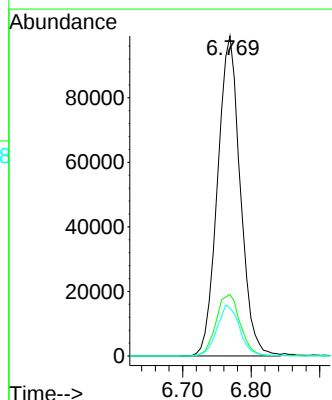
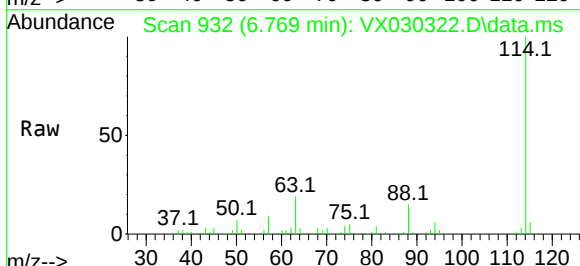
Tgt Ion: 114 Resp: 227748

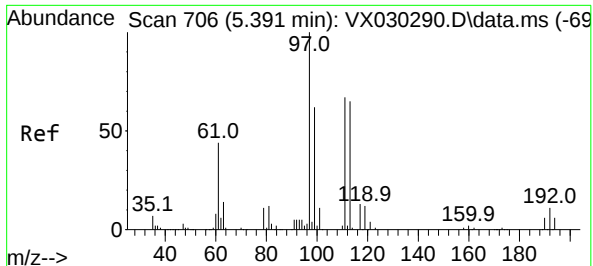
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 14.9 0.0 31.8

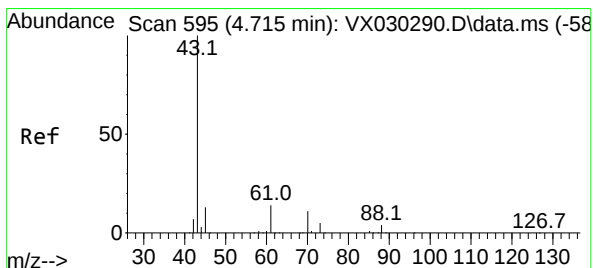
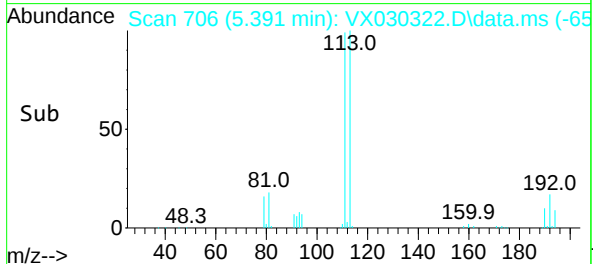
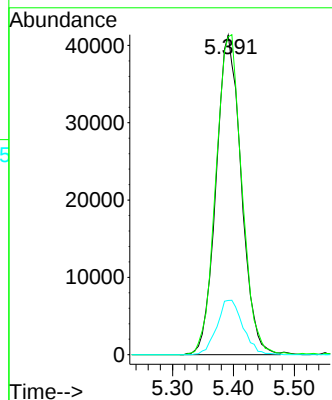
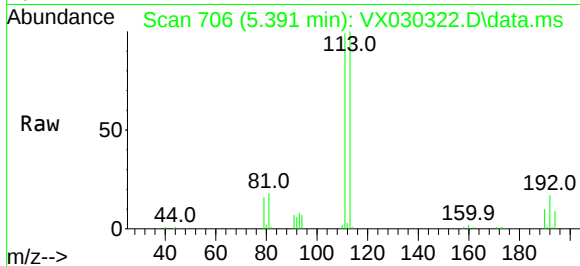




#35
Dibromofluoromethane
Concen: 54.397 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

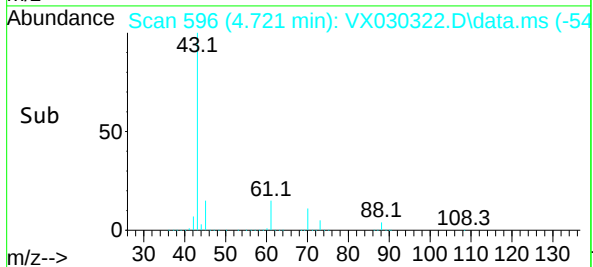
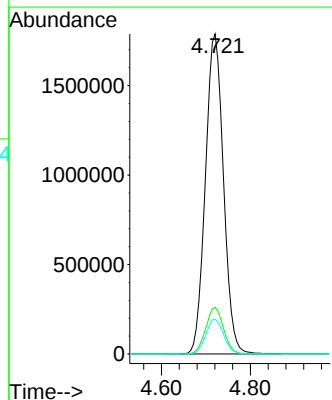
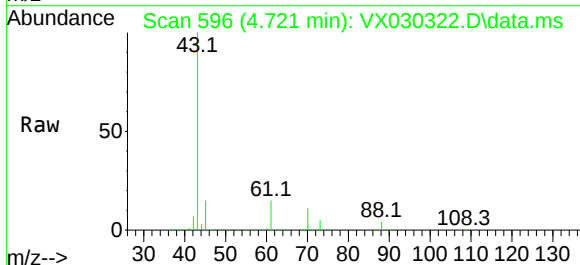
Instrument :
MSVOA_X
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HMGP-WATER-1

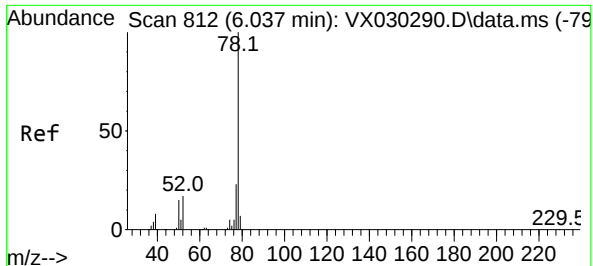
Tgt Ion:113 Resp: 118430
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.6 14.8 22.2



#37
Ethyl Acetate
Concen: 1141.471 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.001 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 43 Resp: 5064628
Ion Ratio Lower Upper
43 100
61 14.4 11.7 17.5
70 10.8 9.3 13.9





#40

Benzene

Concen: 1.445 ug/l

RT: 6.050 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

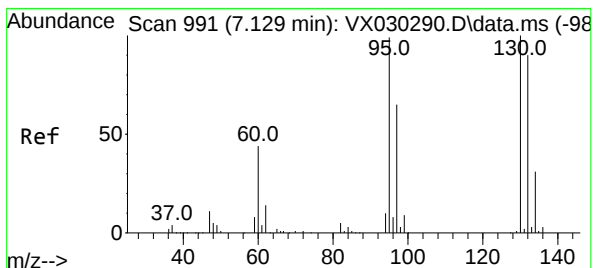
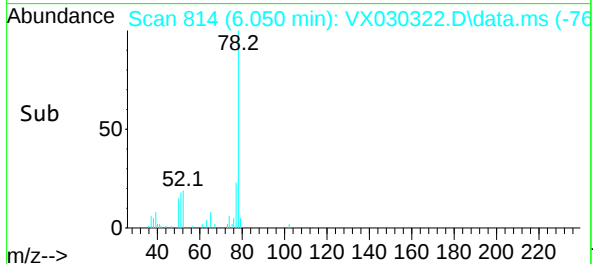
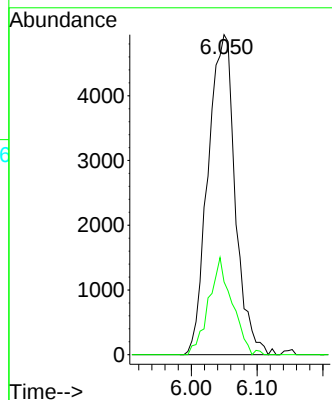
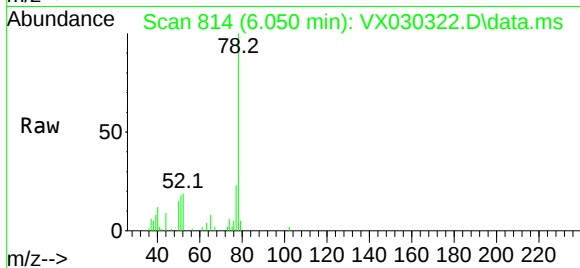
HMGP-WATER-1

Tgt Ion: 78 Resp: 14244

Ion Ratio Lower Upper

78 100

77 22.8 18.0 27.0



#44

Trichloroethene

Concen: 1.137 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.007 min

Lab File: VX030322.D

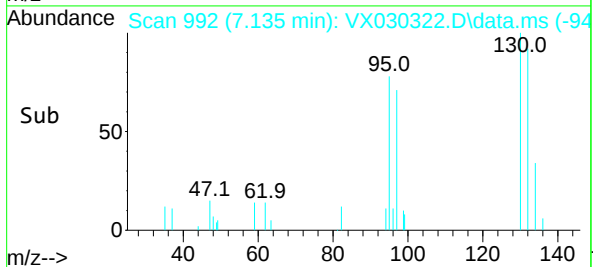
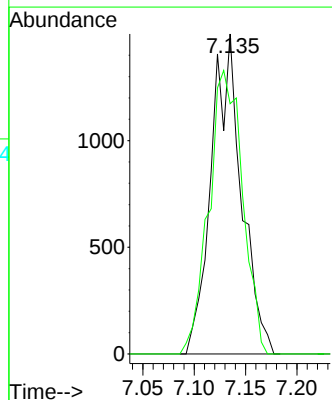
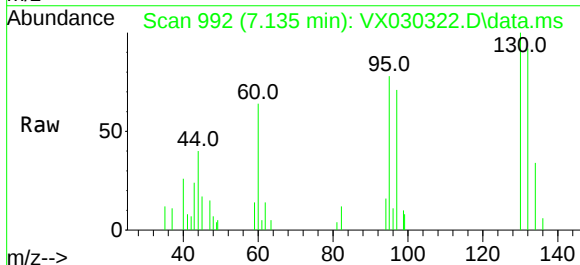
Acq: 01 Aug 2022 15:07

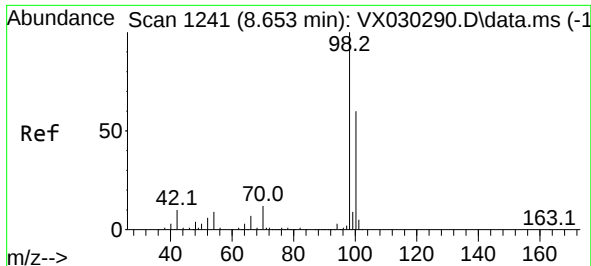
Tgt Ion:130 Resp: 3063

Ion Ratio Lower Upper

130 100

95 78.2 0.0 194.8

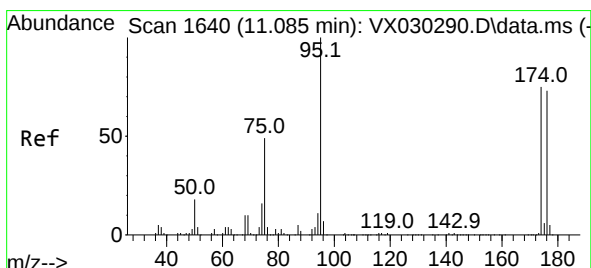
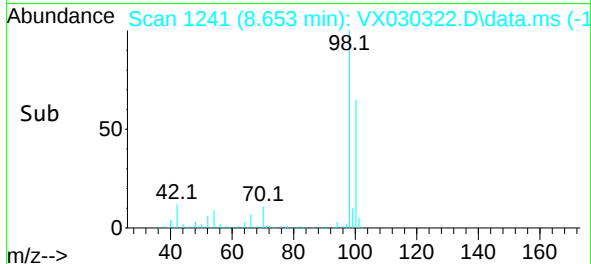
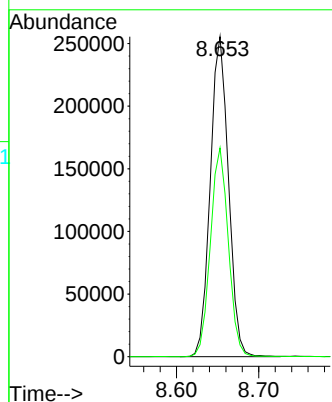
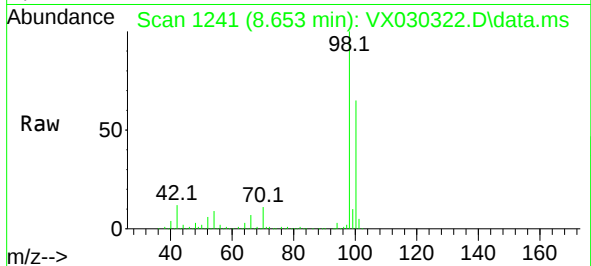




#50
Toluene-d8
Concen: 46.637 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

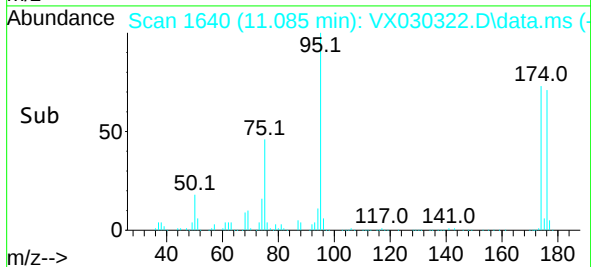
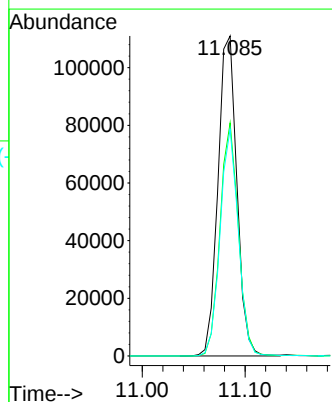
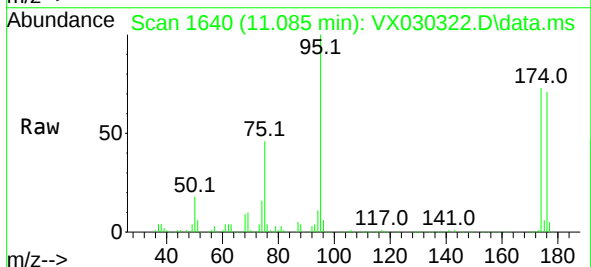
Instrument :
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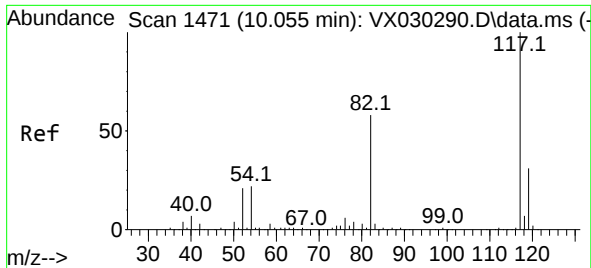
Tgt Ion: 98 Resp: 393209
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.200 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 95 Resp: 141435
Ion Ratio Lower Upper
95 100
174 70.6 0.0 149.0
176 68.4 0.0 146.0

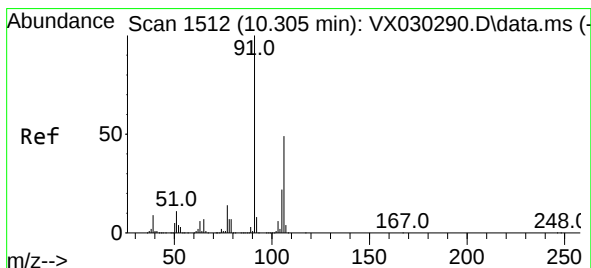
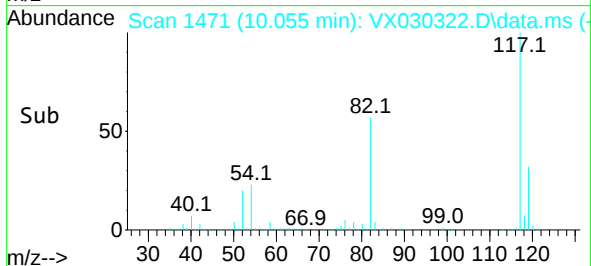
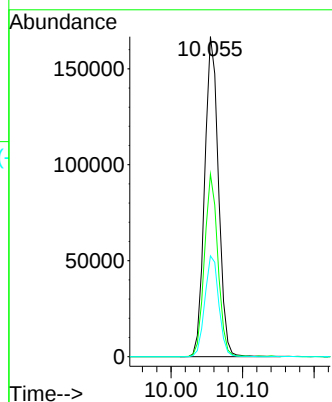
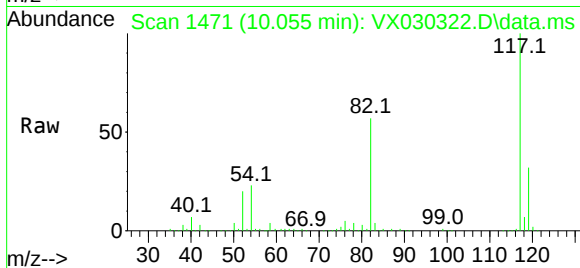




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

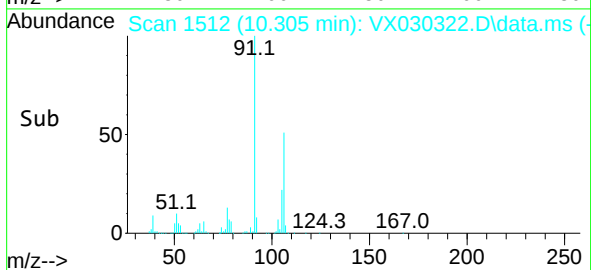
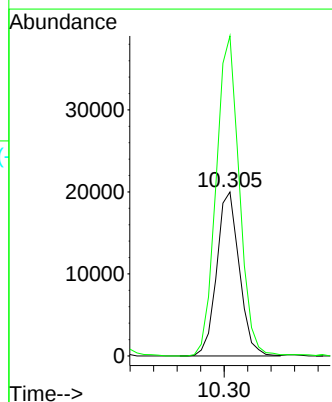
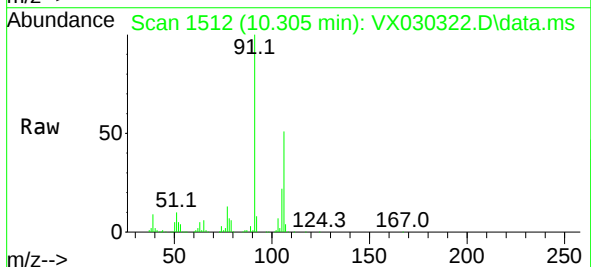
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

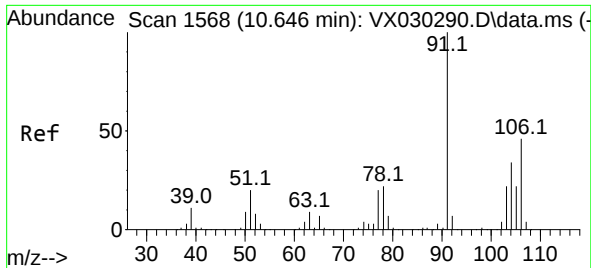
Tgt Ion:117 Resp: 224060
Ion Ratio Lower Upper
117 100
82 57.0 42.7 64.1
119 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 6.482 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion:106 Resp: 26728
Ion Ratio Lower Upper
106 100
91 201.0 158.2 237.4

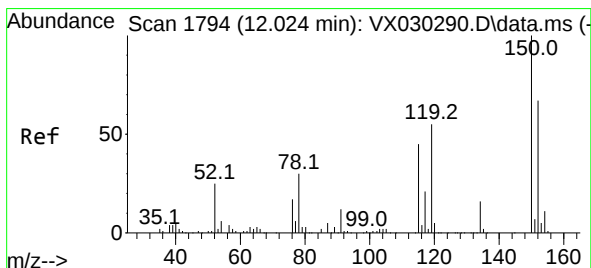
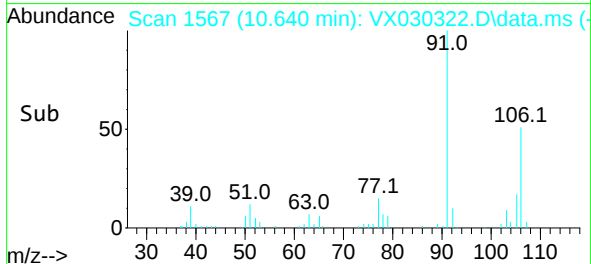
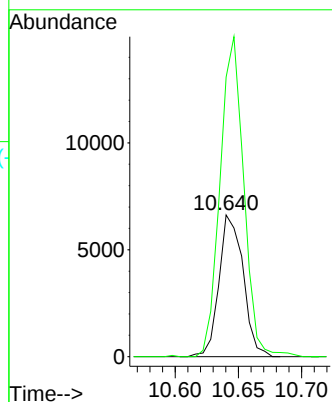
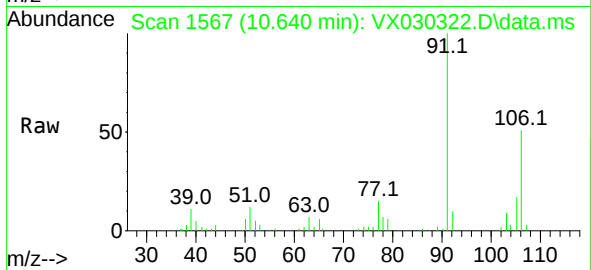




#69
o-Xylene
Concen: 2.162 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

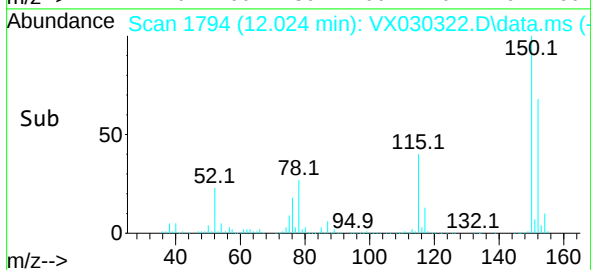
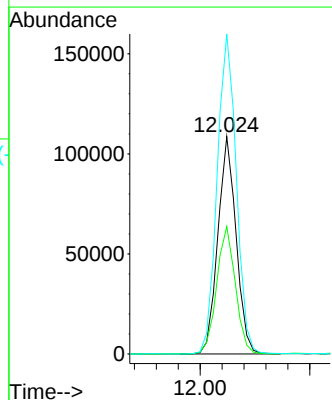
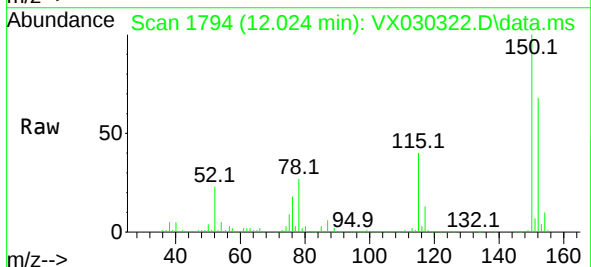
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

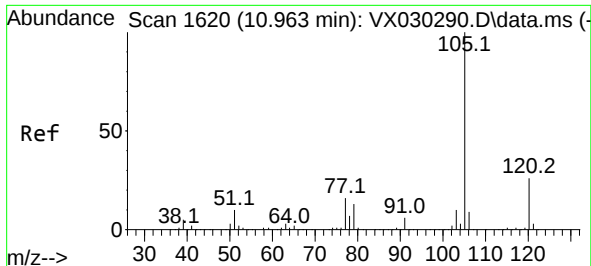
Tgt Ion:106 Resp: 8784
Ion Ratio Lower Upper
106 100
91 221.7 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion:152 Resp: 125799
Ion Ratio Lower Upper
152 100
115 60.0 40.5 121.5
150 154.6 0.0 347.0

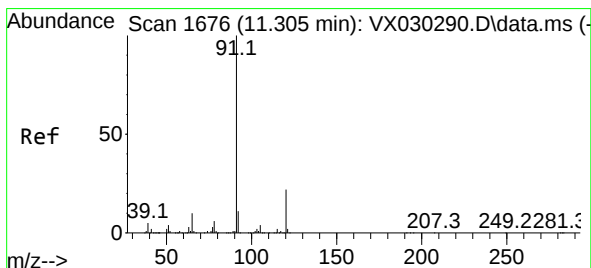
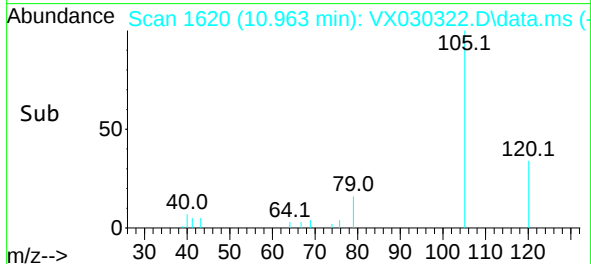
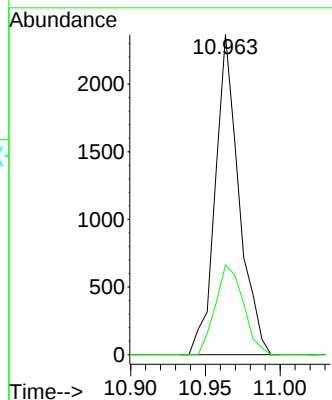
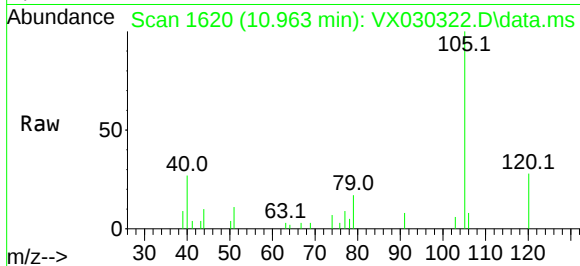




#73
Isopropylbenzene
Concen: 0.265 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

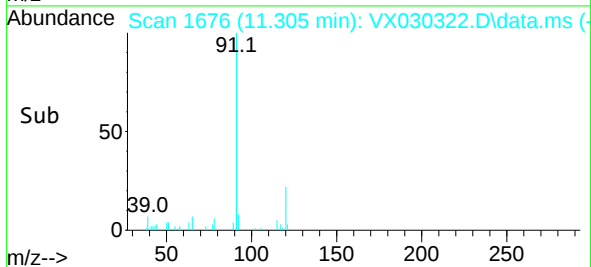
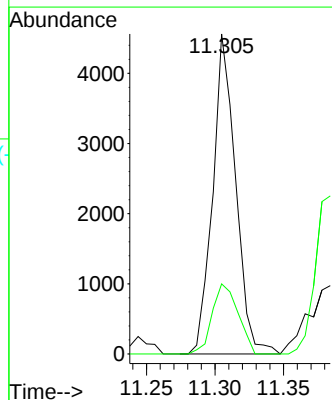
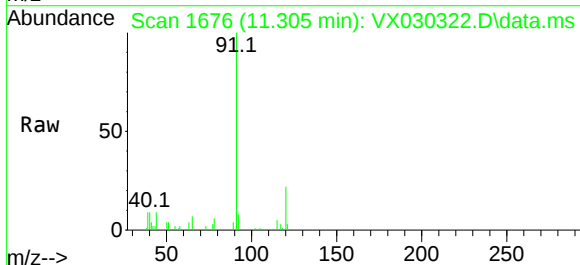
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

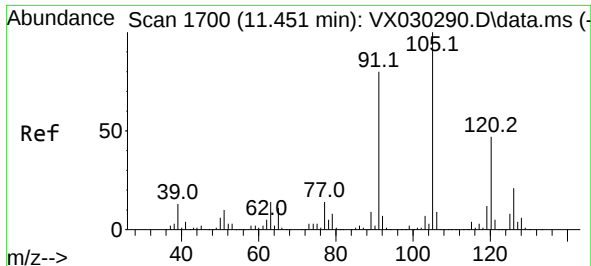
Tgt Ion:105 Resp: 2606
Ion Ratio Lower Upper
105 100
120 33.0 13.5 40.4



#78
n-propylbenzene
Concen: 0.453 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 91 Resp: 5310
Ion Ratio Lower Upper
91 100
120 24.7 11.6 34.8

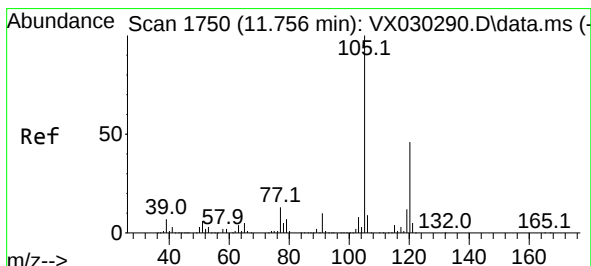
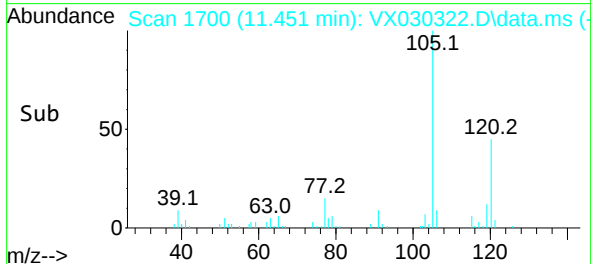
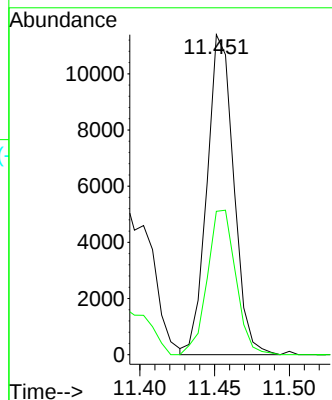
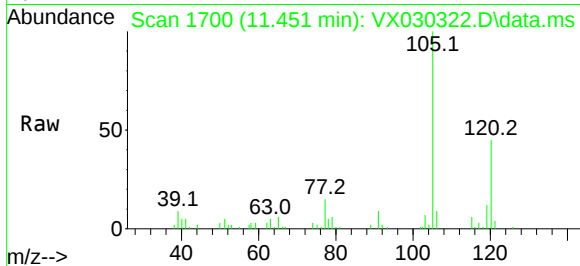




#80
1,3,5-Trimethylbenzene
Concen: 1.724 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

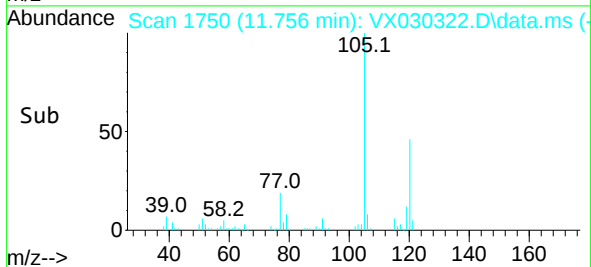
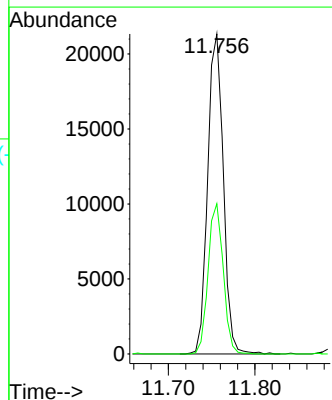
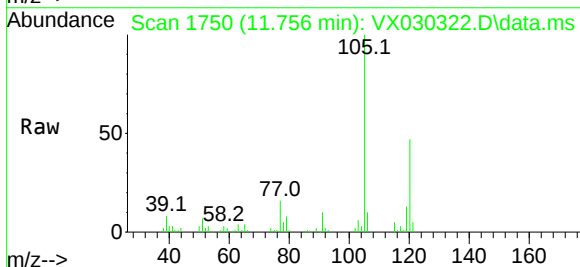
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

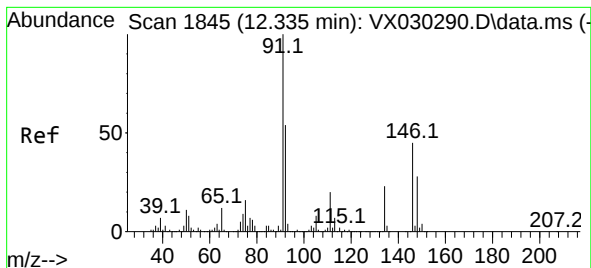
Tgt Ion:105 Resp: 14173
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.2



#84
1,2,4-Trimethylbenzene
Concen: 3.258 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion:105 Resp: 26729
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.8





#91

1,2-Dichlorobenzene

Concen: 0.498 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

HMGP-WATER-1

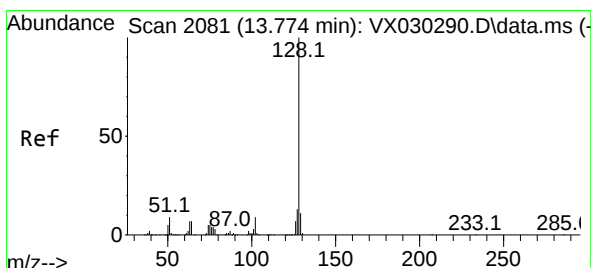
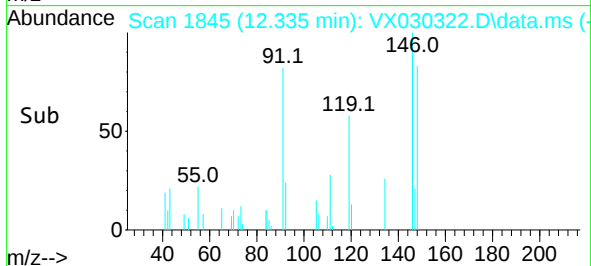
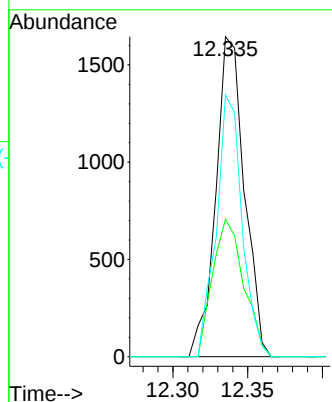
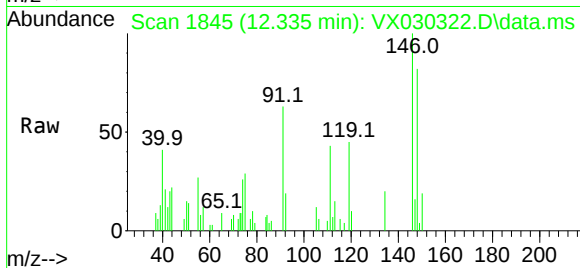
Tgt Ion:146 Resp: 2190

Ion Ratio Lower Upper

146 100

111 46.8 20.7 62.1

148 73.8 32.0 96.2



#95

Naphthalene

Concen: 170.121 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

Tgt Ion:128 Resp: 1695614

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.1 8.6 13.0

