

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031194.D
 Acq On : 08 Sep 2022 06:28
 Operator : JC/MD
 Sample : N4446-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-WATER-LIQUID

Quant Time: Sep 08 13:58:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

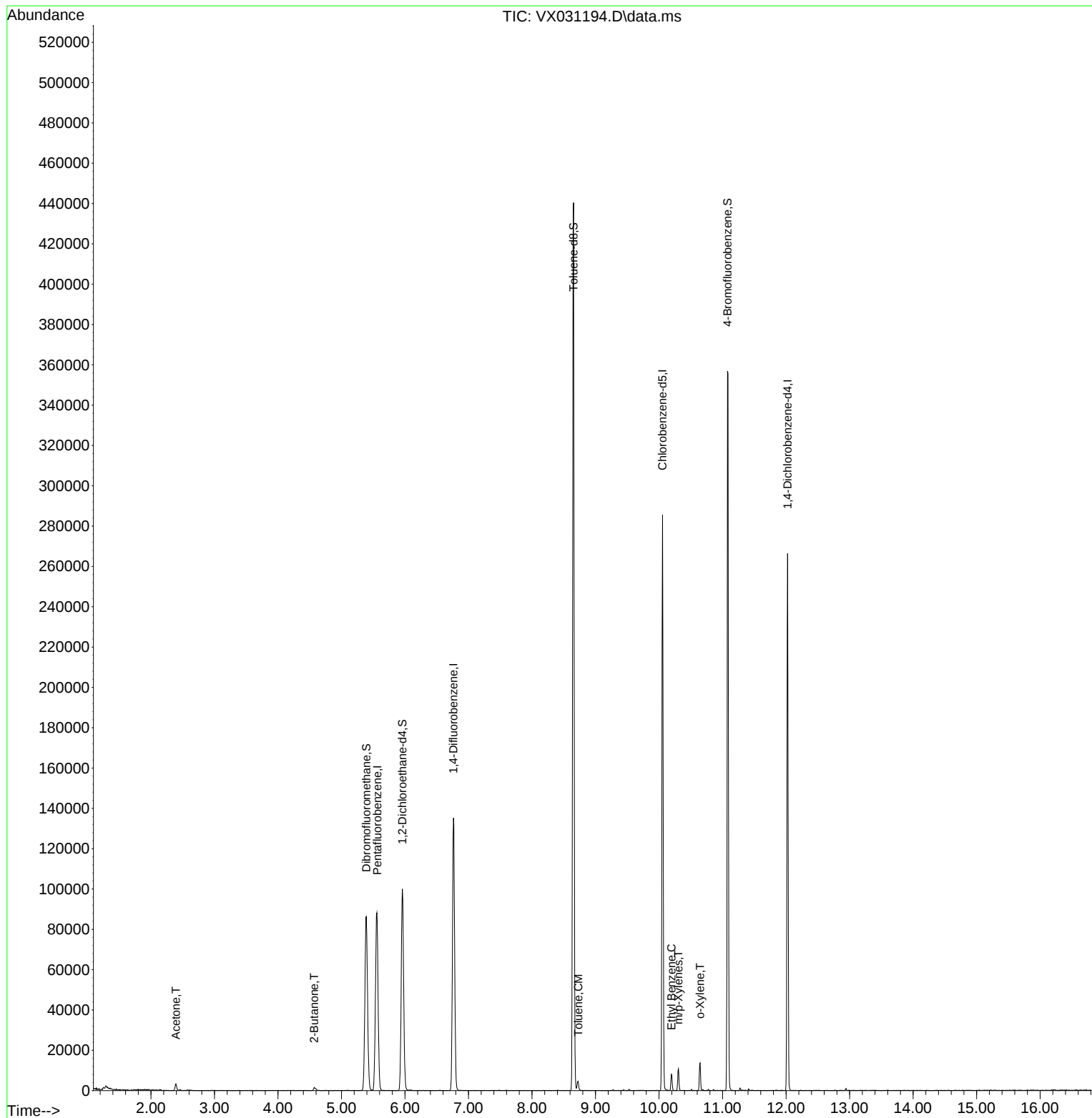
Internal Standards						
1) Pentafluorobenzene	5.562	168	70766	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	132252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108246	64.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.220%#	
35) Dibromofluoromethane	5.391	113	75437	52.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.680%	
50) Toluene-d8	8.652	98	259099	49.483	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	11.079	95	101881	53.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.180%	
Target Compounds						
					Qvalue	
16) Acetone	2.391	43	3932	6.778	ug/l	91
25) 2-Butanone	4.568	43	2582	3.005	ug/l	96
52) Toluene	8.726	92	1697	0.439	ug/l	86
67) Ethyl Benzene	10.195	91	5285	0.834	ug/l #	87
68) m/p-Xylenes	10.305	106	2351	1.001	ug/l	74
69) o-Xylene	10.646	106	3243	1.384	ug/l	99

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

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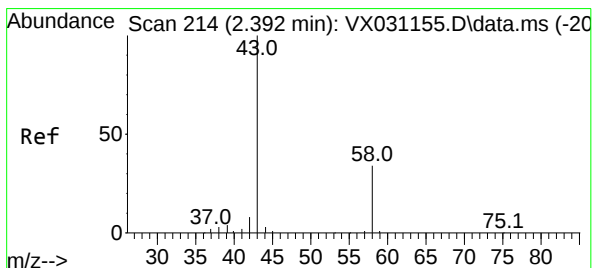
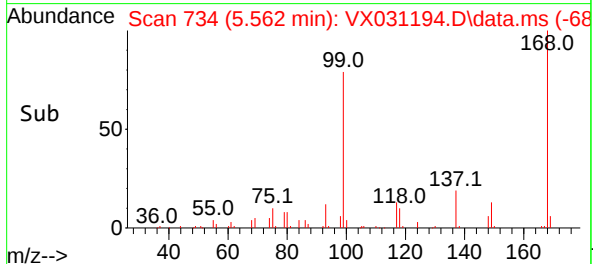
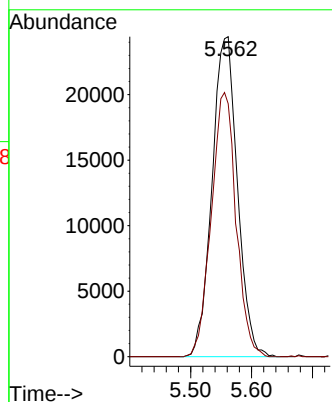
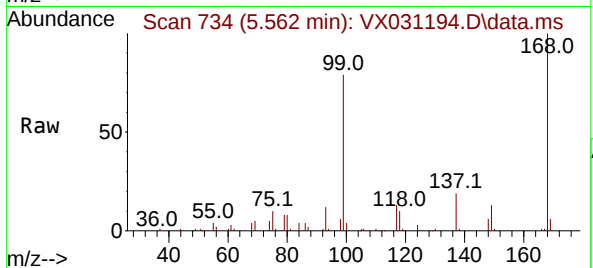




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

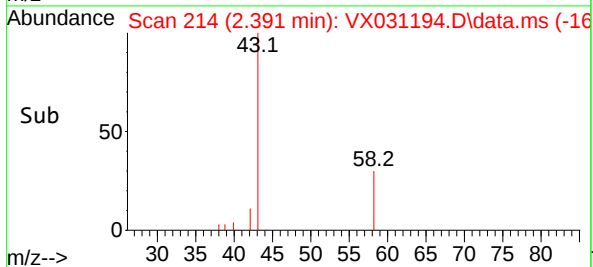
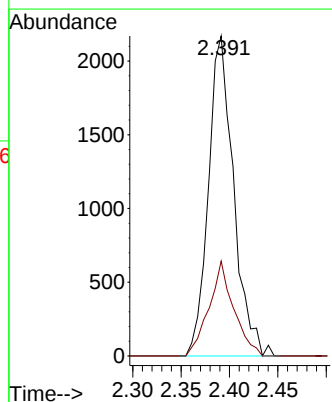
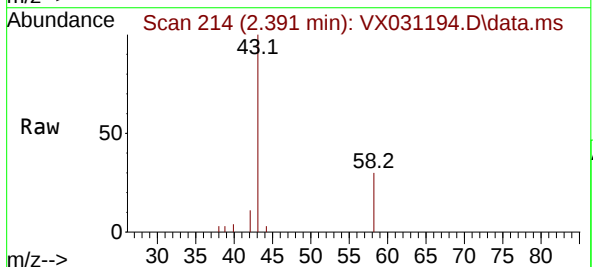
Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

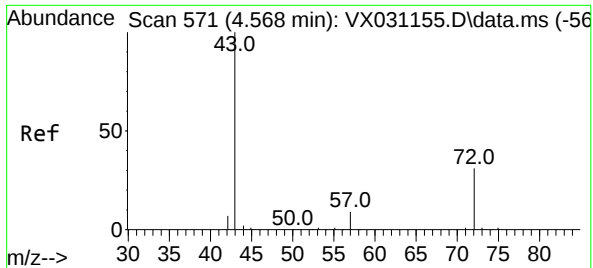
Tgt Ion:168 Resp: 70766
Ion Ratio Lower Upper
168 100
99 79.1 44.0 66.0#



#16
Acetone
Concen: 6.778 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Tgt Ion: 43 Resp: 3932
Ion Ratio Lower Upper
43 100
58 29.7 27.7 41.5

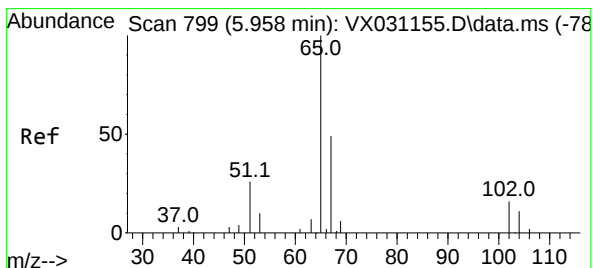
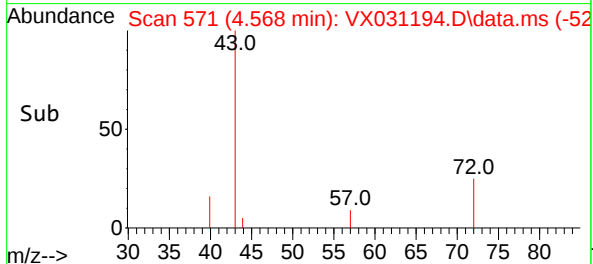
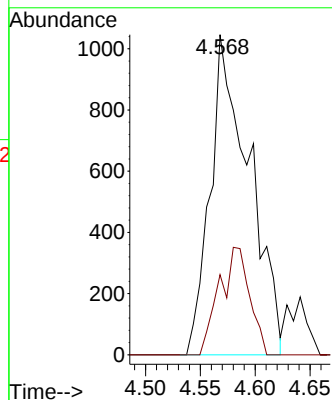
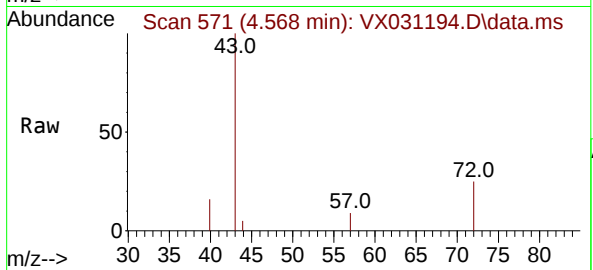




#25
2-Butanone
Concen: 3.005 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

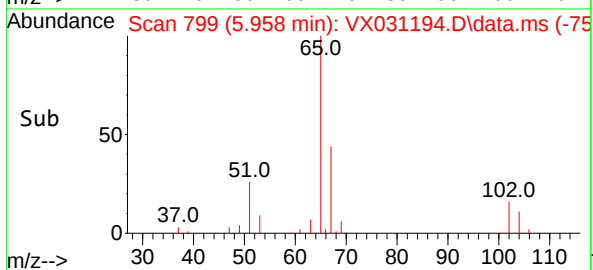
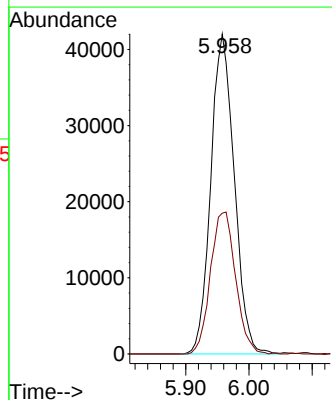
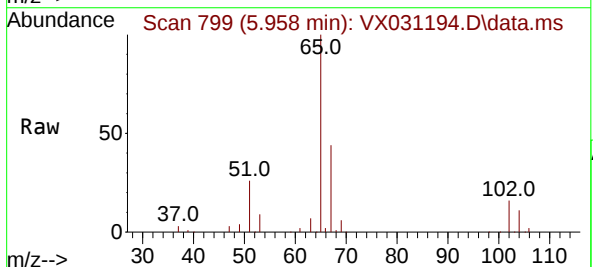
Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

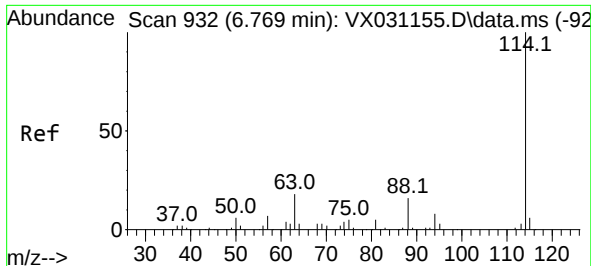
Tgt Ion: 43 Resp: 2582
Ion Ratio Lower Upper
43 100
72 25.0 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 64.608 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Tgt Ion: 65 Resp: 108246
Ion Ratio Lower Upper
65 100
67 47.5 0.0 109.6

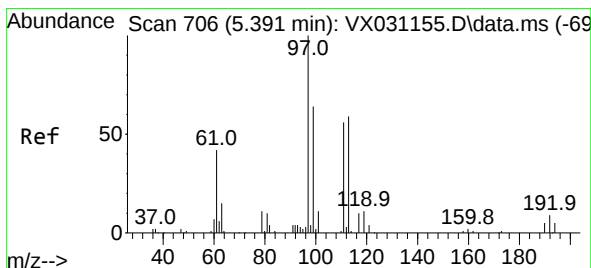
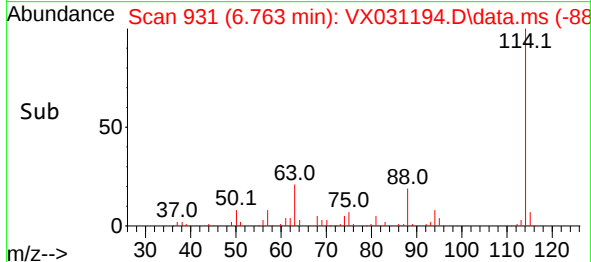
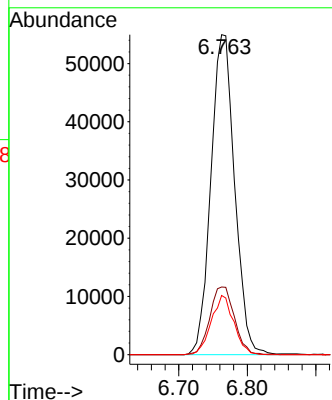
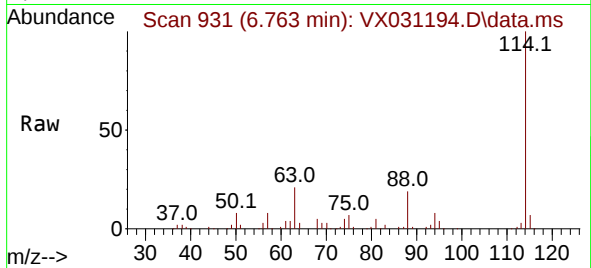




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

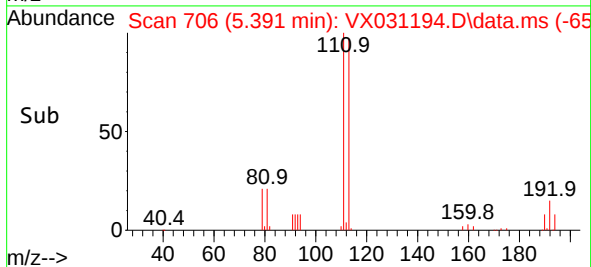
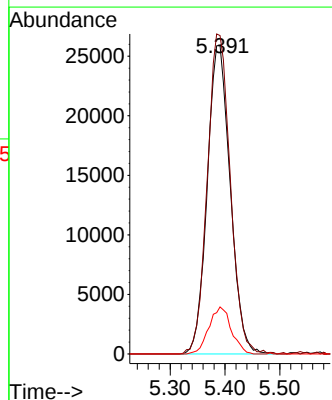
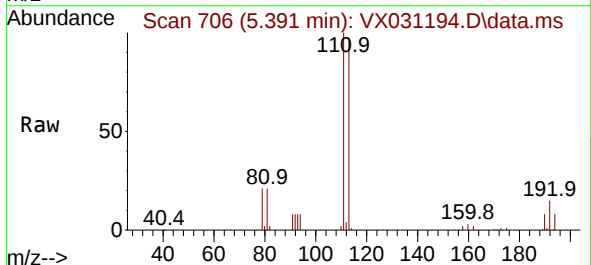
Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

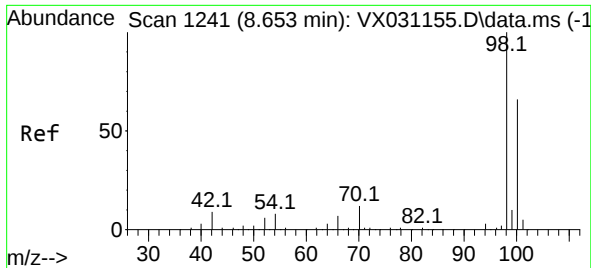
Tgt Ion:114 Resp: 132252
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.4
88 18.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.344 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Tgt Ion:113 Resp: 75437
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 14.8 14.8 22.2

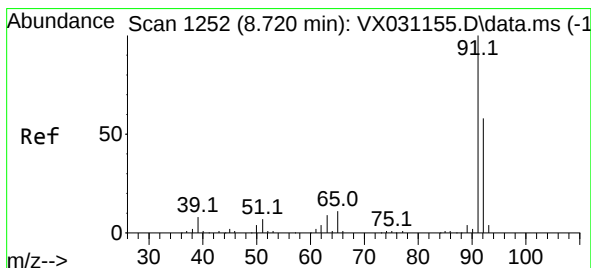
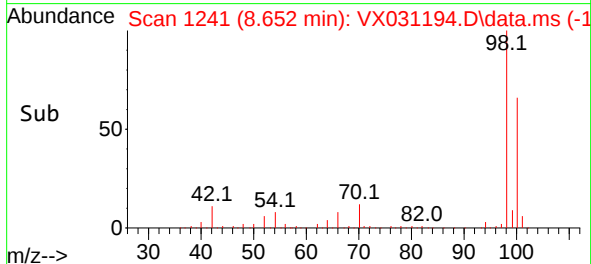
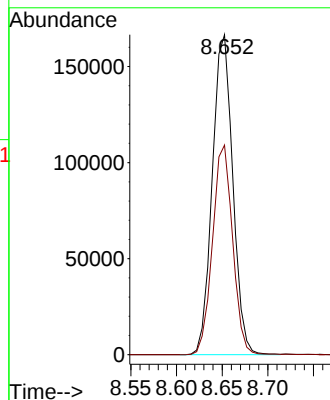
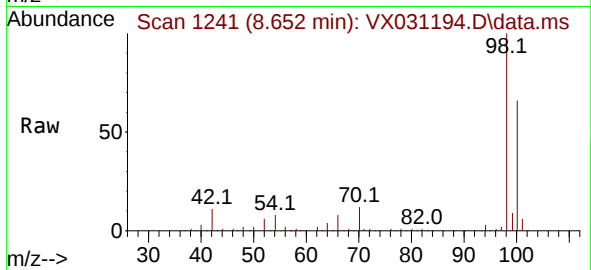




#50
Toluene-d8
Concen: 49.483 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

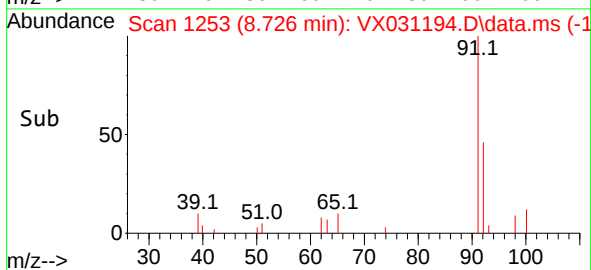
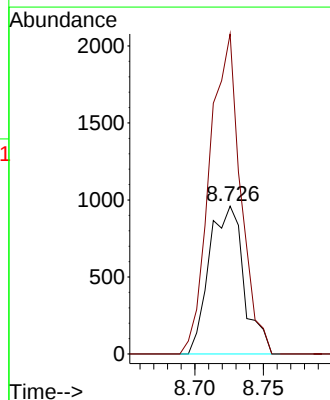
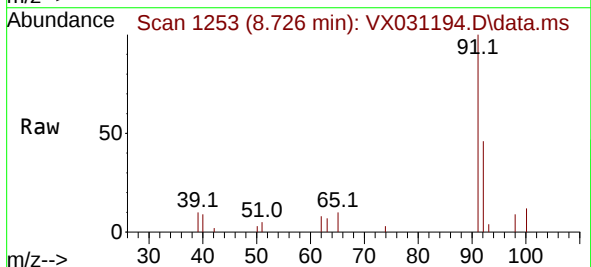
Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

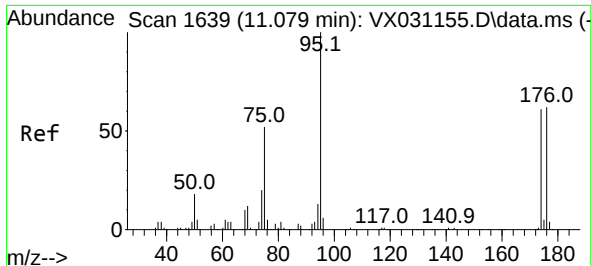
Tgt Ion: 98 Resp: 259099
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#52
Toluene
Concen: 0.439 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Tgt Ion: 92 Resp: 1697
Ion Ratio Lower Upper
92 100
91 192.9 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 53.094 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031194.D

Acq: 08 Sep 2022 06:28

Instrument :

MSVOA_X

ClientSampleId :

IDW-WATER-LIQUID

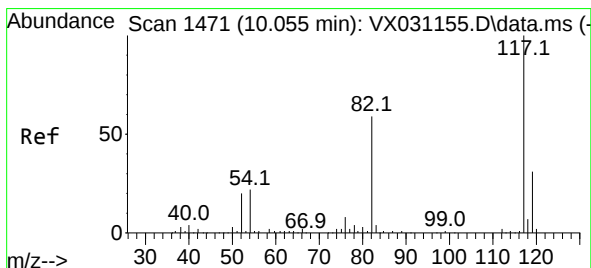
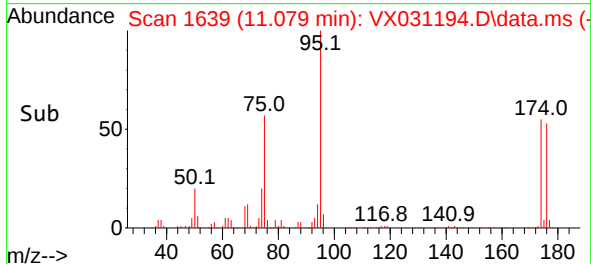
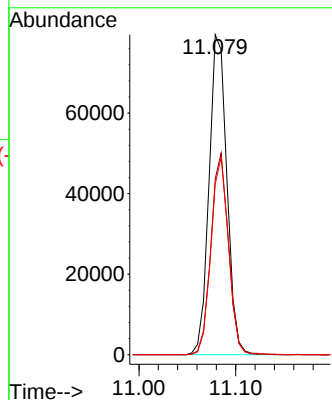
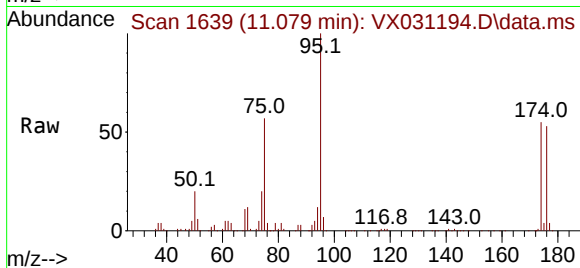
Tgt Ion: 95 Resp: 101881

Ion Ratio Lower Upper

95 100

174 61.7 0.0 149.0

176 60.6 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: VX031194.D

Acq: 08 Sep 2022 06:28

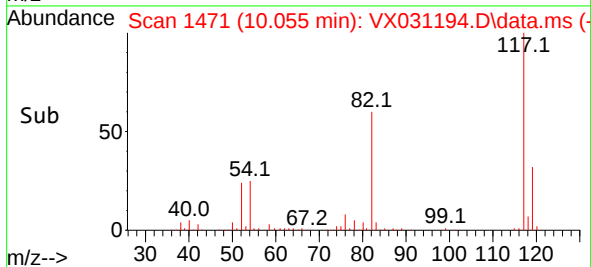
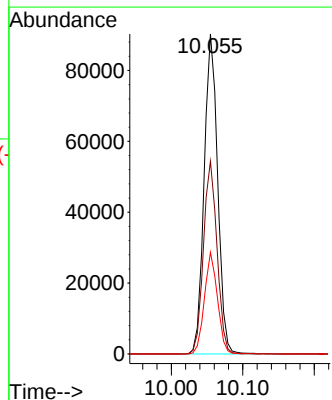
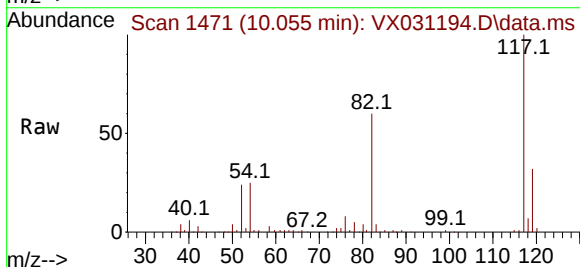
Tgt Ion: 117 Resp: 118722

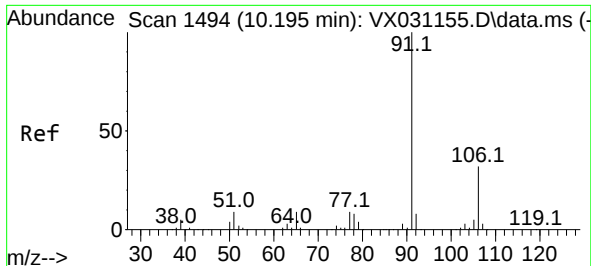
Ion Ratio Lower Upper

117 100

82 60.3 42.7 64.1

119 31.8 25.4 38.2





#67

Ethyl Benzene

Concen: 0.834 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX031194.D

Acq: 08 Sep 2022 06:28

Instrument :

MSVOA_X

ClientSampleId :

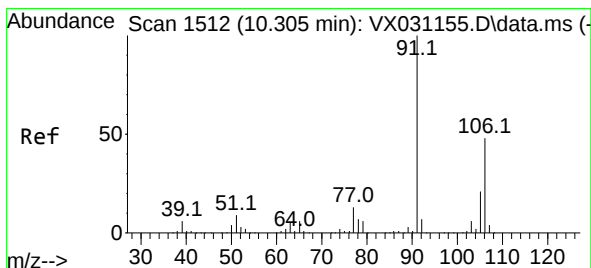
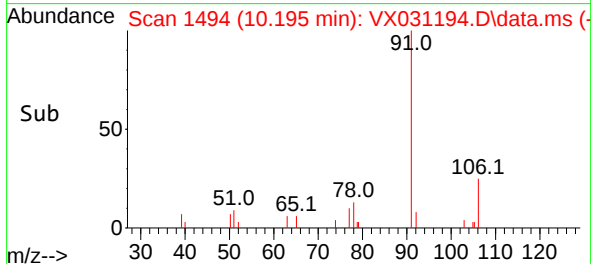
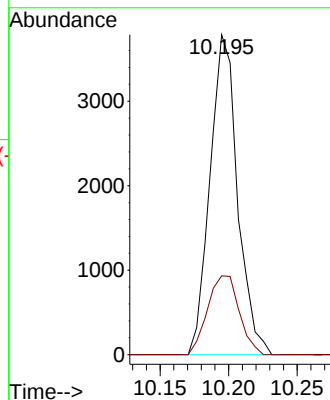
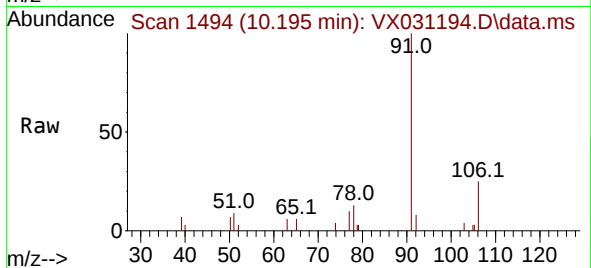
IDW-WATER-LIQUID

Tgt Ion: 91 Resp: 5285

Ion Ratio Lower Upper

91 100

106 24.7 25.5 38.3#



#68

m/p-Xylenes

Concen: 1.001 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX031194.D

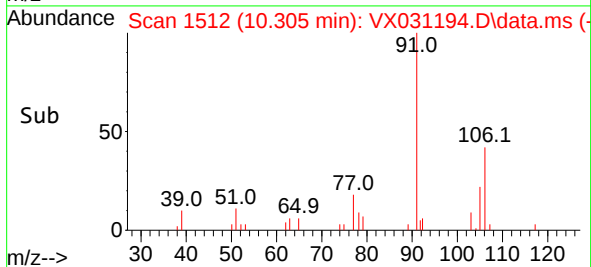
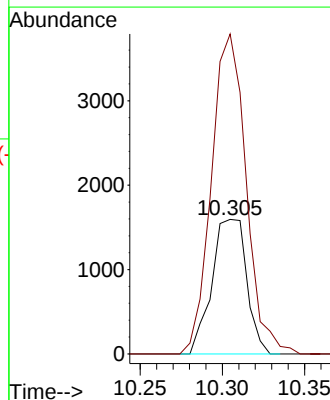
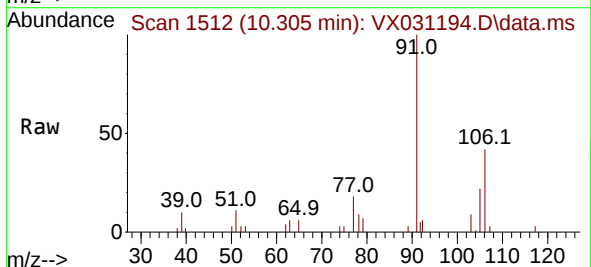
Acq: 08 Sep 2022 06:28

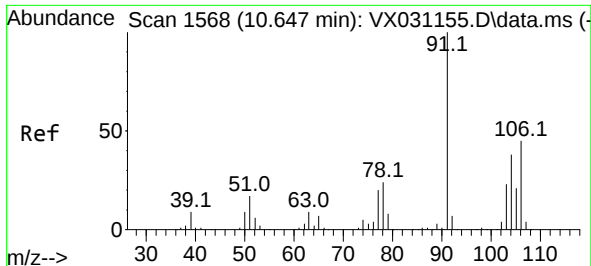
Tgt Ion: 106 Resp: 2351

Ion Ratio Lower Upper

106 100

91 236.7 158.2 237.4

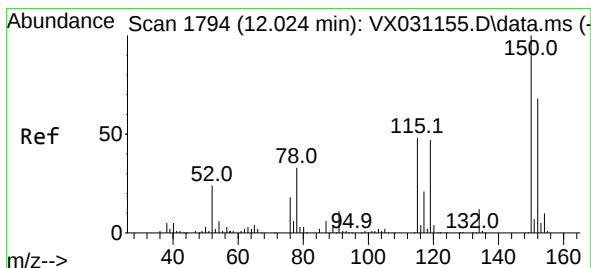
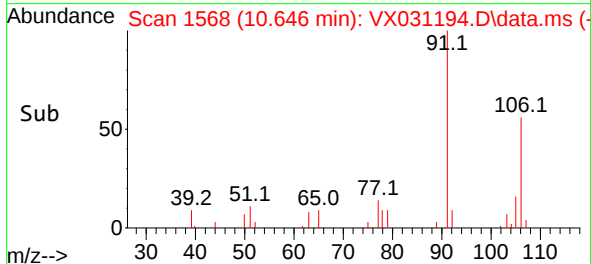
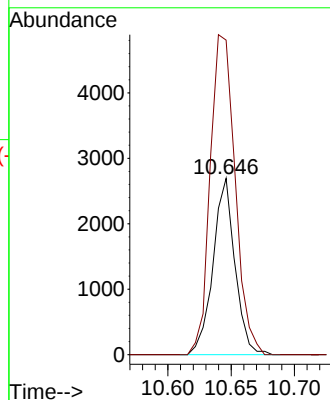
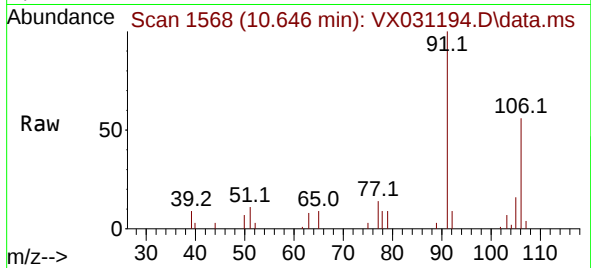




#69
o-Xylene
Concen: 1.384 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

Tgt Ion:106 Resp: 3243
Ion Ratio Lower Upper
106 100
91 206.5 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Tgt Ion:152 Resp: 49609
Ion Ratio Lower Upper
152 100
115 69.7 40.5 121.5
150 158.0 0.0 347.0

