

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)

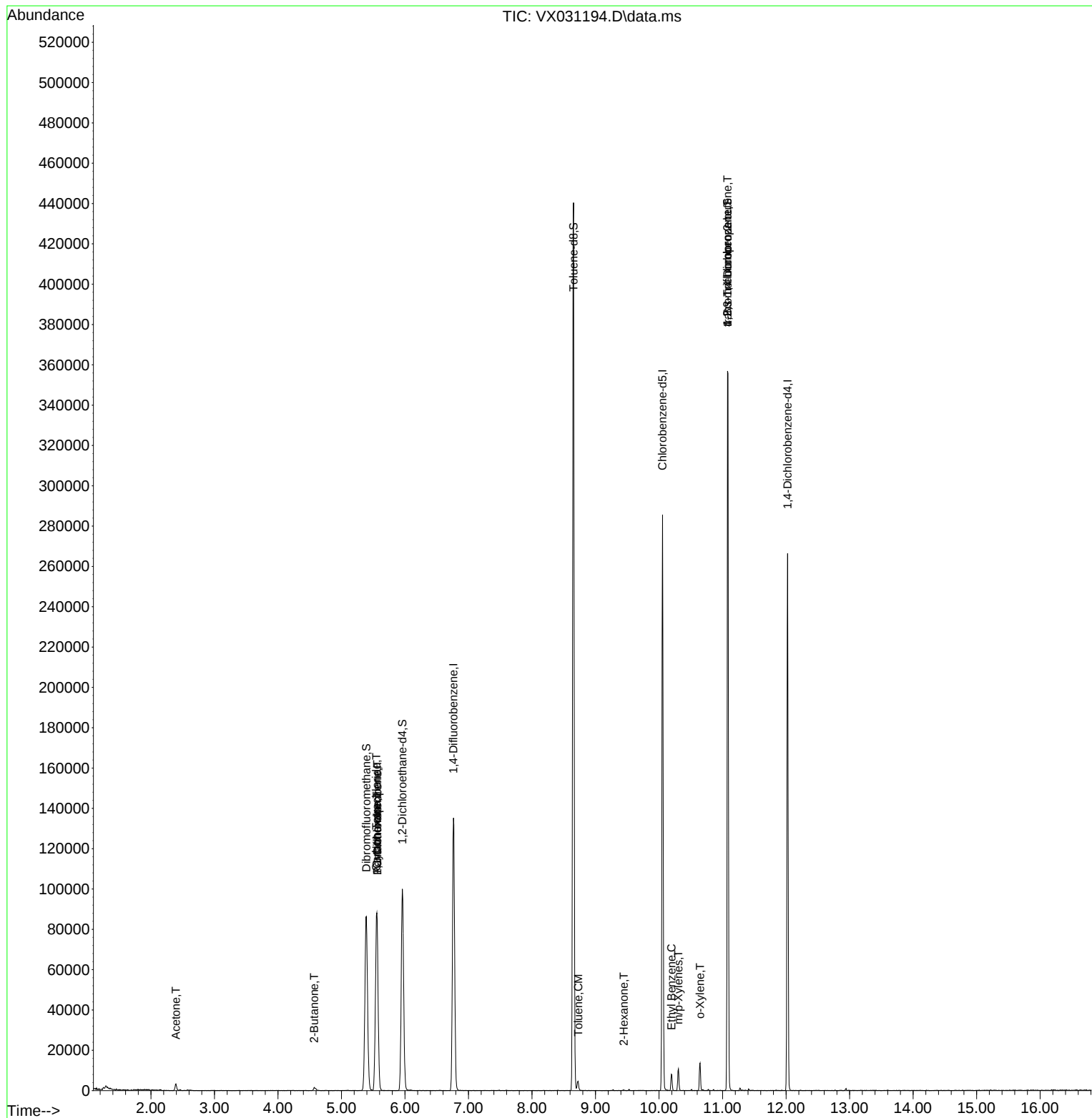
Internal Standards						
1) Pentafluorobenzene	5.562	168	70766	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	132252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
11) Tert butyl alcohol	2.989	59	225	Below Cal	#	74
16) Acetone	2.391	43	3932	6.778	ug/l	91
25) 2-Butanone	4.568	43	2582	3.005	ug/l	96
31) Cyclohexane	5.555	56	1776	0.949	ug/l	# 19
36) 1,1-Dichloropropene	5.562	75	7202	3.337	ug/l	# 47
38) Carbon Tetrachloride	5.549	117	9520	4.192	ug/l	# 17
52) Toluene	8.726	92	1697	0.439	ug/l	86
59) 2-Hexanone	9.445	43	304	0.217	ug/l	71
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
76) 1,2,3-Trichloropropane	11.079	75	56753	41.918	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	56753	135.181	ug/l	# 12

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

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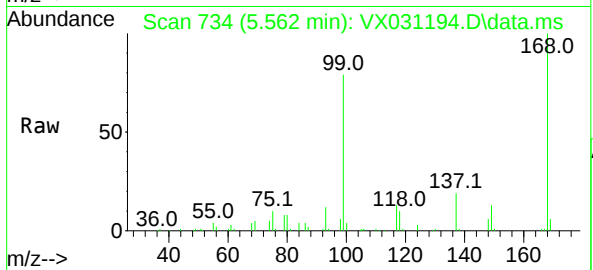
Quant Time: Sep 08 13:58:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
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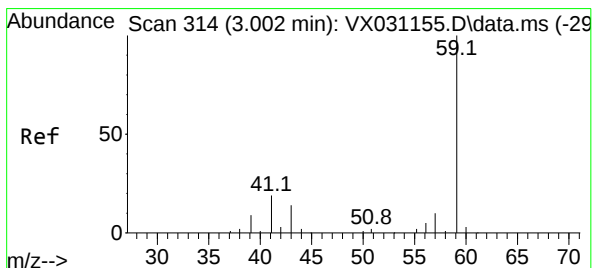
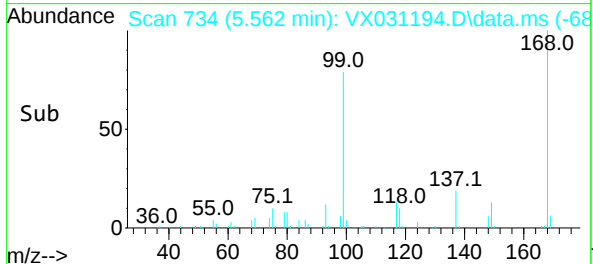
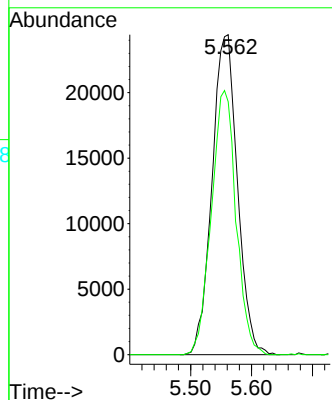


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

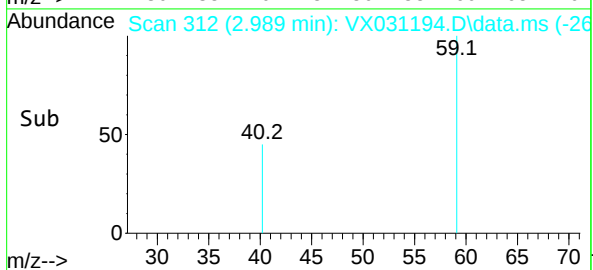
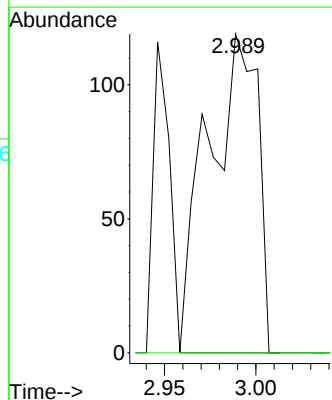
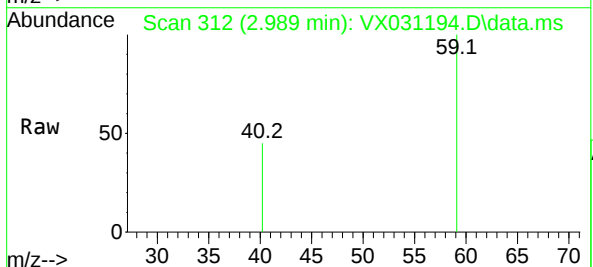


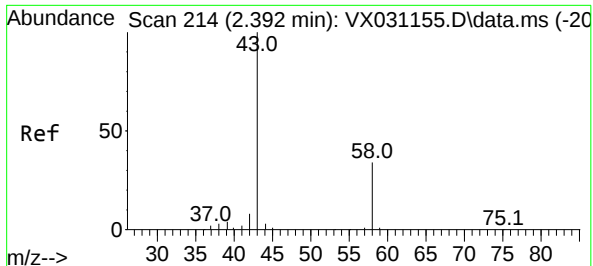
Tgt Ion:168 Resp: 70766
Ion Ratio Lower Upper
168 100
99 79.1 44.0 66.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. -0.013 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

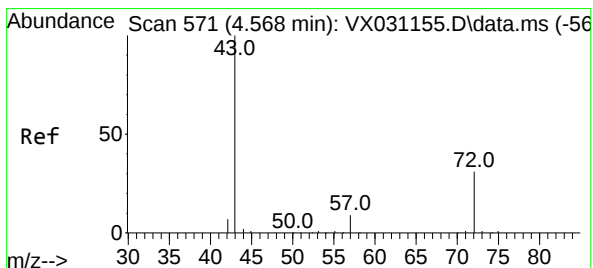
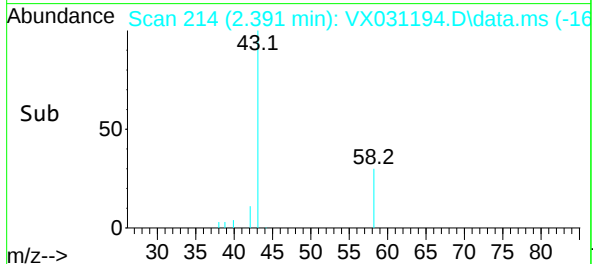
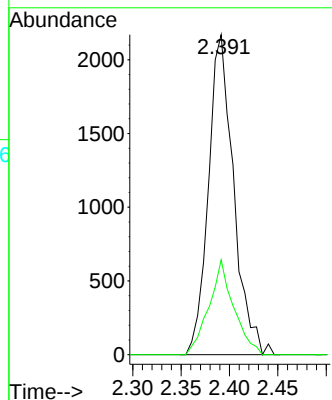
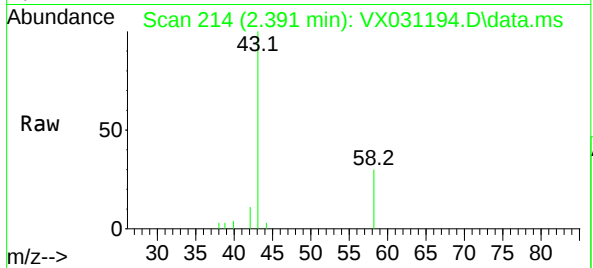




#16
Acetone
Concen: 6.778 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

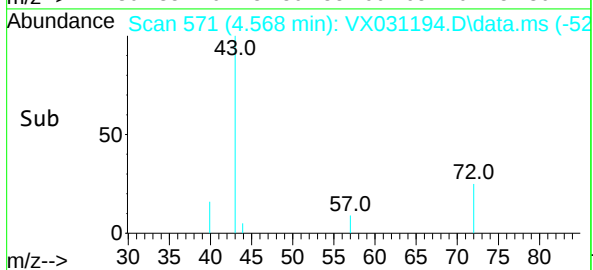
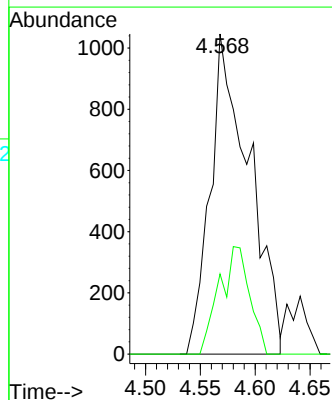
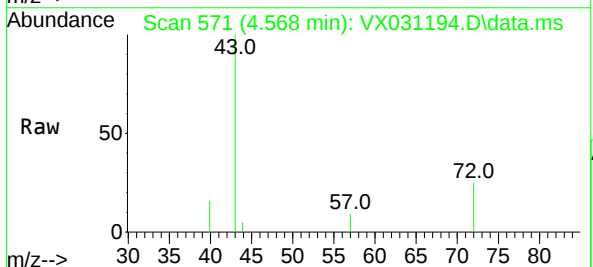
Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

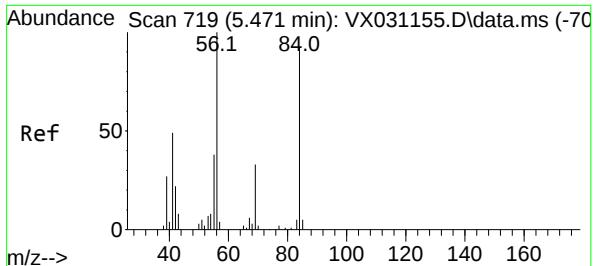
Tgt Ion: 43 Resp: 3932
Ion Ratio Lower Upper
43 100
58 29.7 27.7 41.5



#25
2-Butanone
Concen: 3.005 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

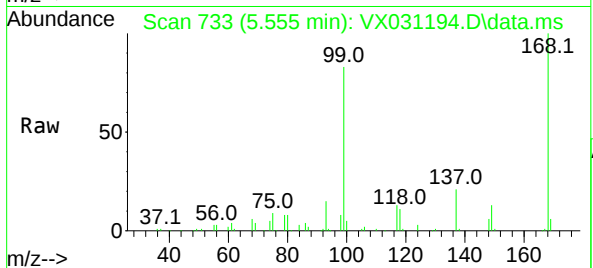
Tgt Ion: 43 Resp: 2582
Ion Ratio Lower Upper
43 100
72 25.0 21.7 32.5



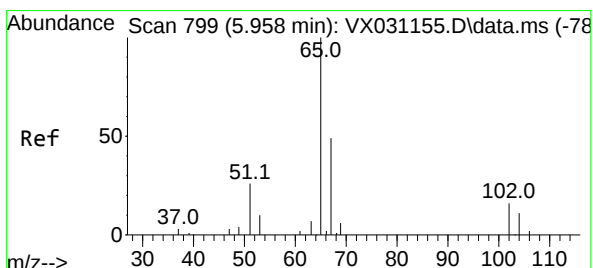
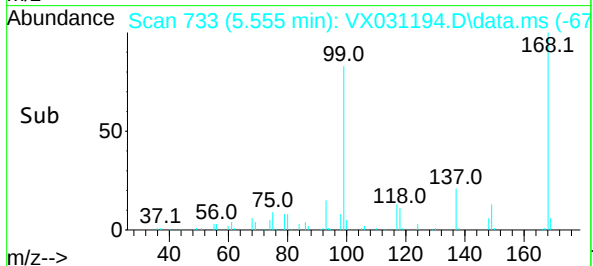
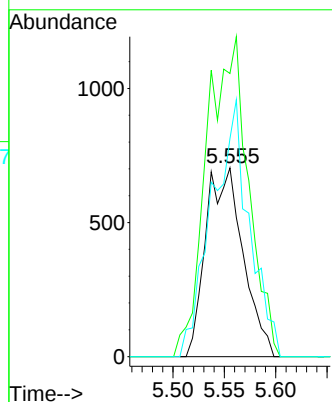


#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.555 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

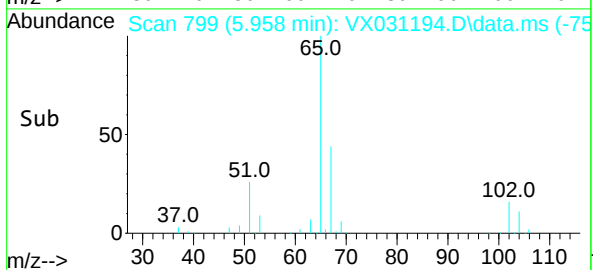
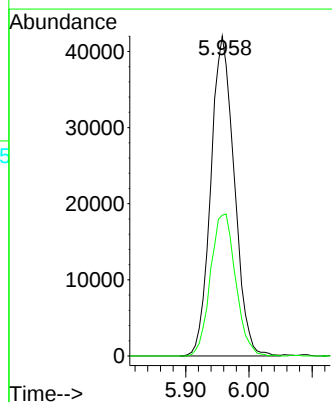
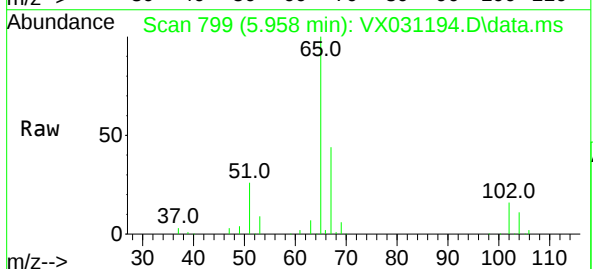


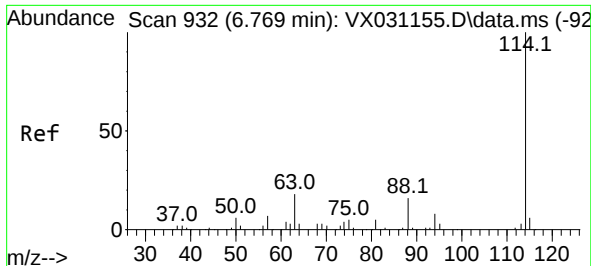
Tgt Ion: 56 Resp: 1776
Ion Ratio Lower Upper
56 100
69 150.0 25.4 38.0#
84 115.5 68.9 103.3#



#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

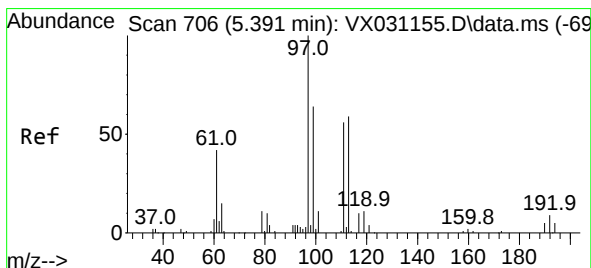
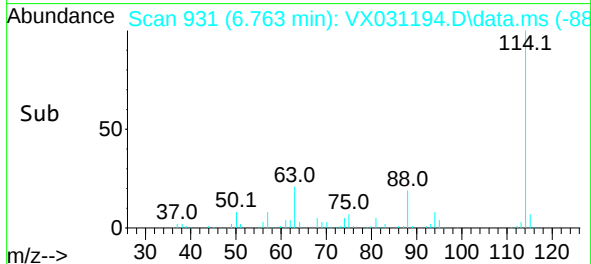
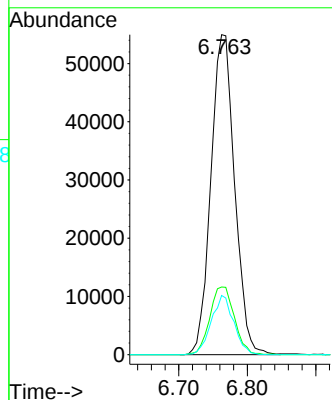
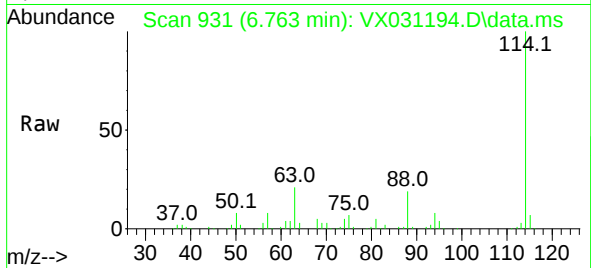




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

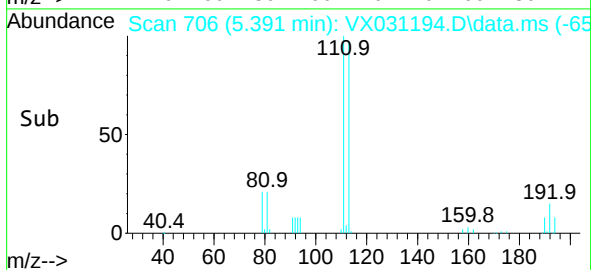
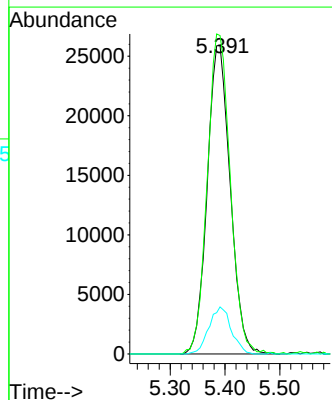
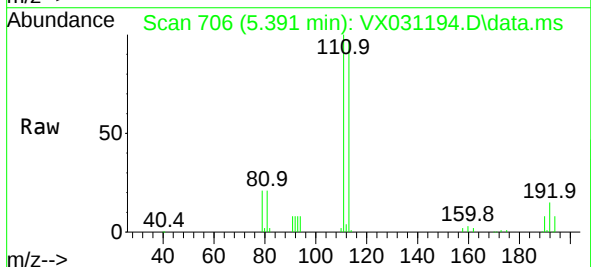
Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

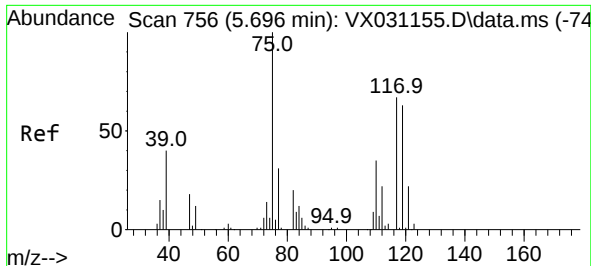
Tgt Ion:114 Resp: 132252
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.4
88 18.5 0.0 31.8



#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

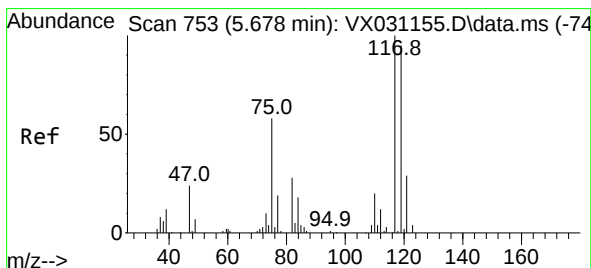
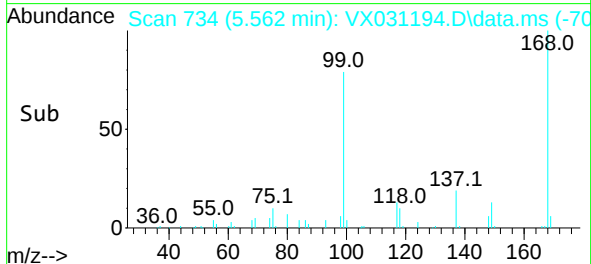
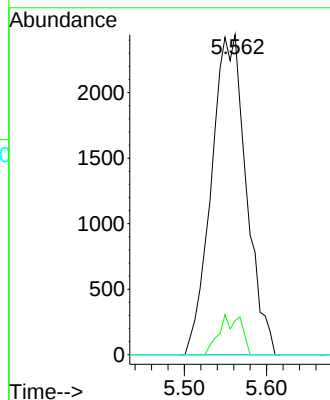
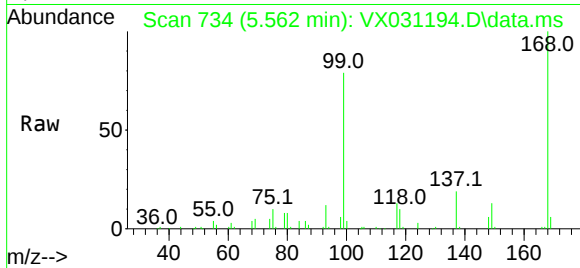




#36
1,1-Dichloropropene
Concen: 3.337 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.135 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

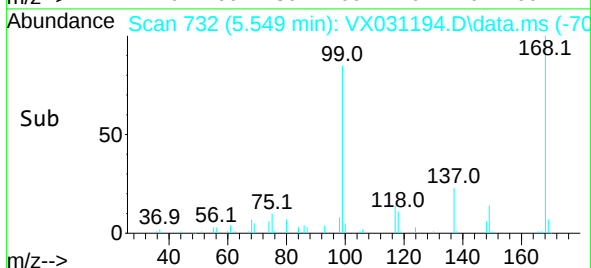
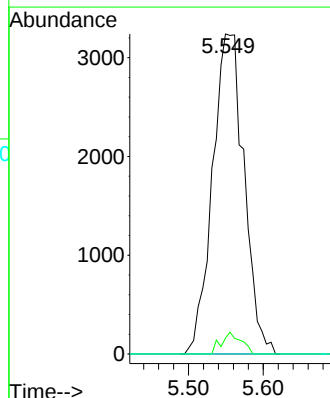
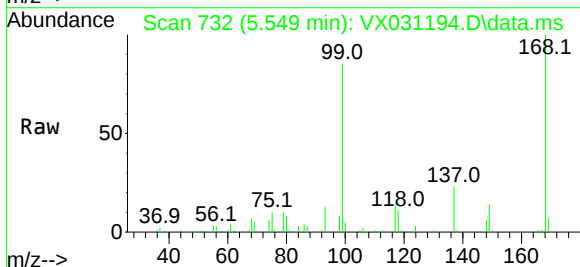
Instrument :
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ClientSampleId :
IDW-WATER-LIQUID

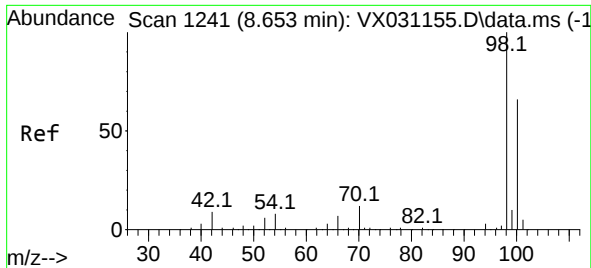
Tgt Ion: 75 Resp: 7202
Ion Ratio Lower Upper
75 100
110 7.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.192 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

Tgt Ion: 117 Resp: 9520
Ion Ratio Lower Upper
117 100
119 4.9 74.1 111.1#
121 0.0 25.8 38.8#

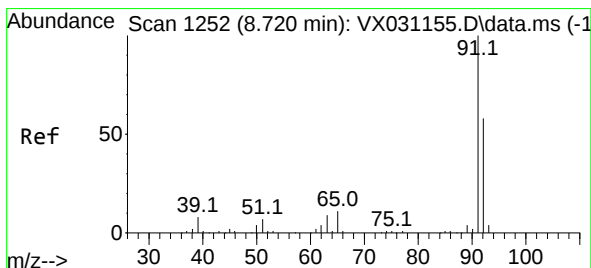
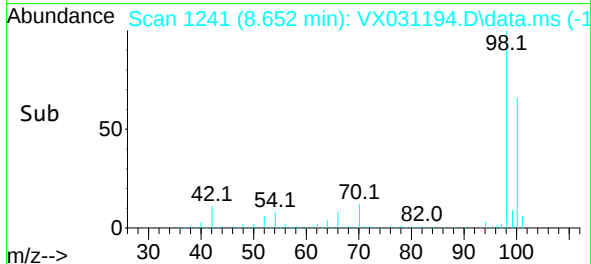
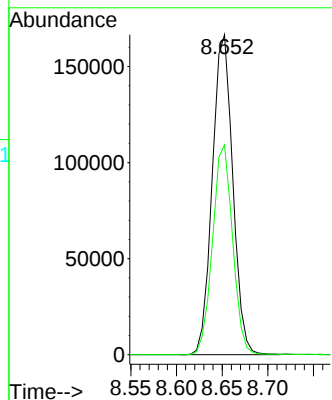
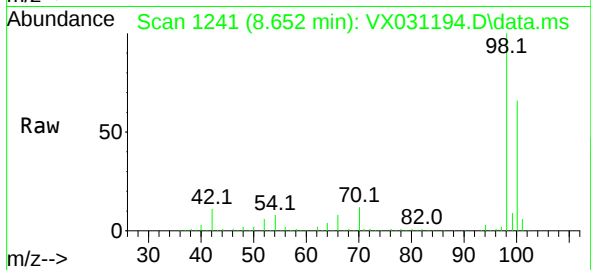




#50
Toluene-d8
Concen: 49.483 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

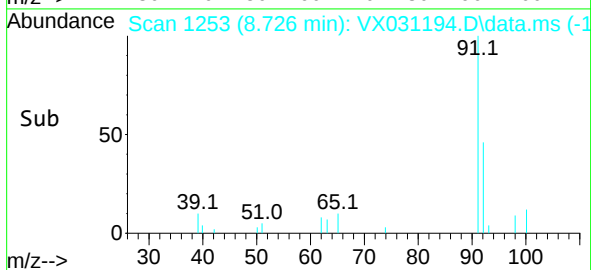
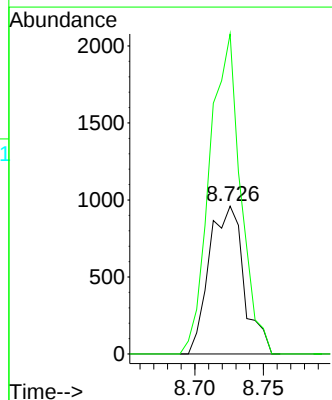
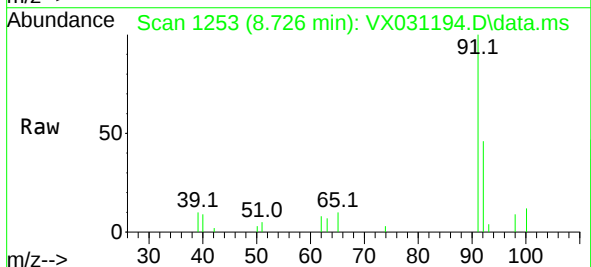
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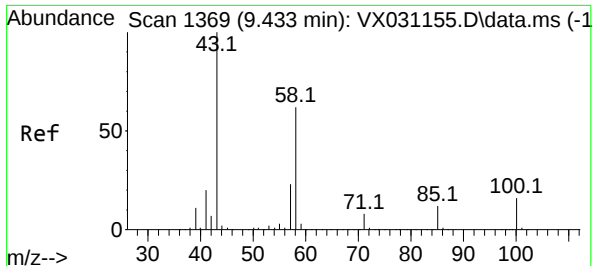
Tgt Ion: 98 Resp: 259099
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#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





#59

2-Hexanone

Concen: 0.217 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX031194.D

Acq: 08 Sep 2022 06:28

Instrument :

MSVOA_X

ClientSampleId :

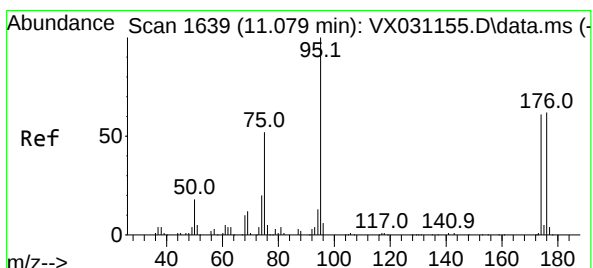
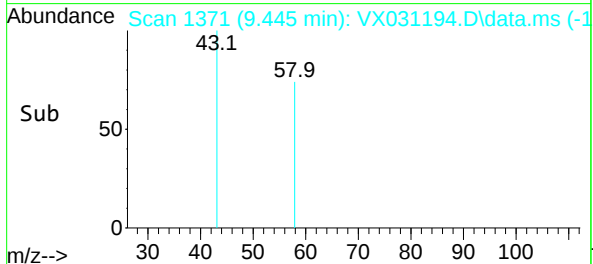
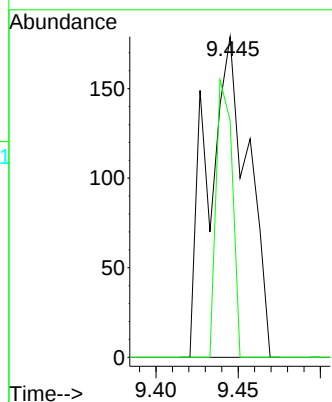
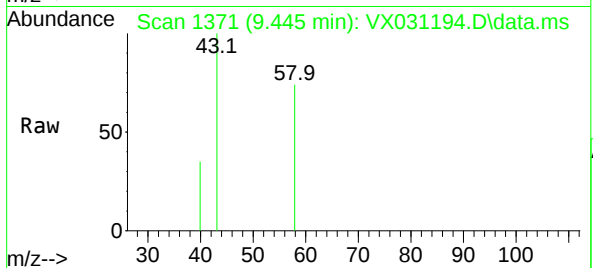
IDW-WATER-LIQUID

Tgt Ion: 43 Resp: 304

Ion Ratio Lower Upper

43 100

58 34.5 27.6 82.8



#62

4-Bromofluorobenzene

Concen: 53.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031194.D

Acq: 08 Sep 2022 06:28

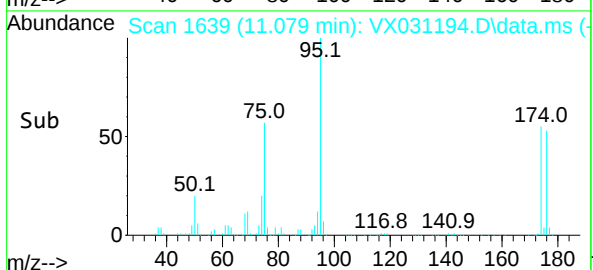
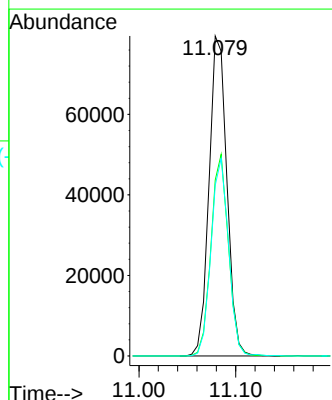
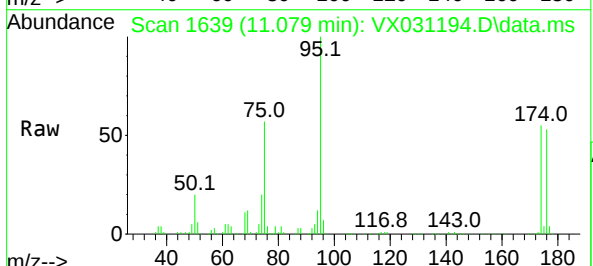
Tgt Ion: 95 Resp: 101881

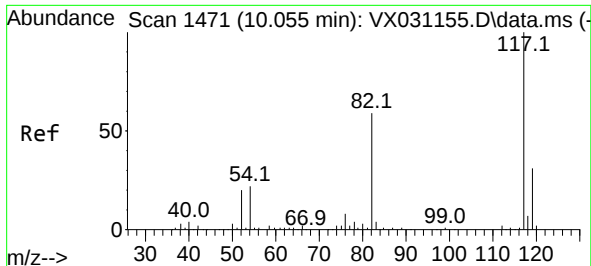
Ion Ratio Lower Upper

95 100

174 61.7 0.0 149.0

176 60.6 0.0 146.0

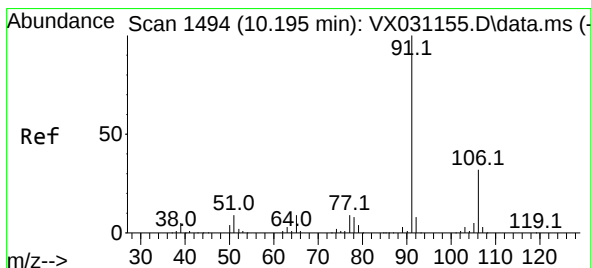
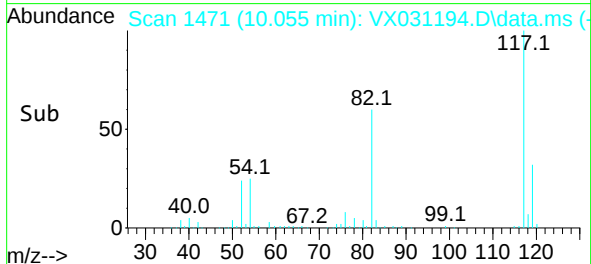
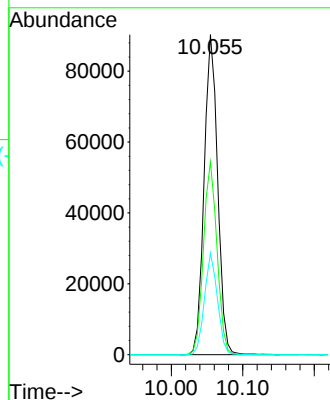
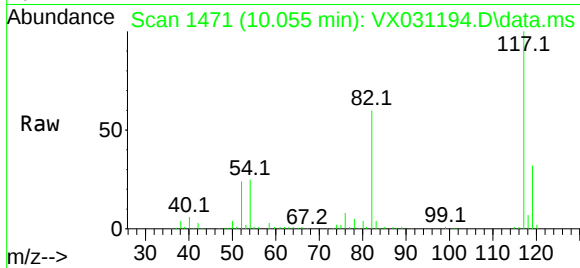




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

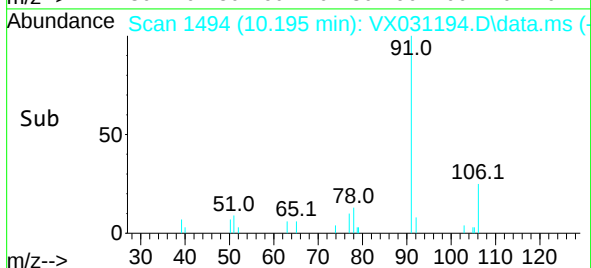
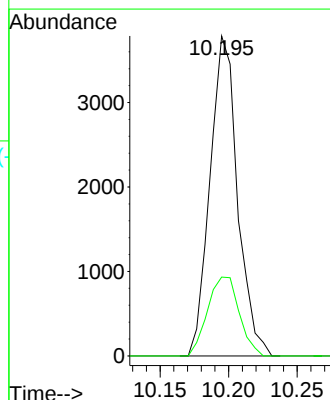
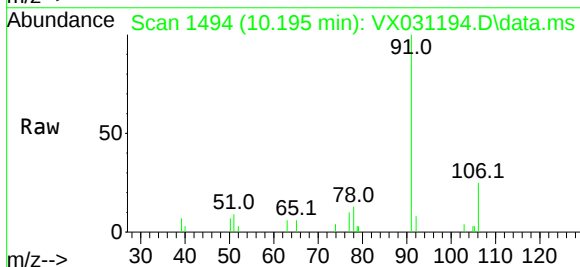
Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

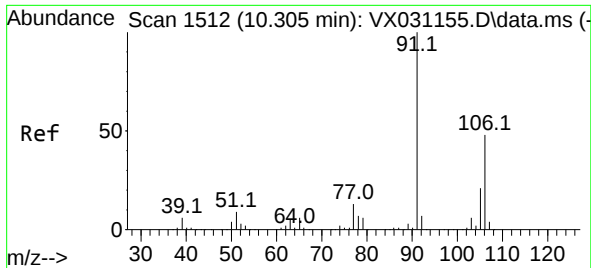
Tgt Ion:117 Resp: 118722
Ion Ratio Lower Upper
117 100
82 60.3 42.7 64.1
119 31.8 25.4 38.2



#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

Tgt Ion: 91 Resp: 5285
Ion Ratio Lower Upper
91 100
106 24.7 25.5 38.3#

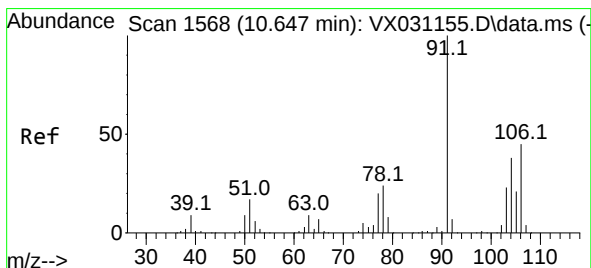
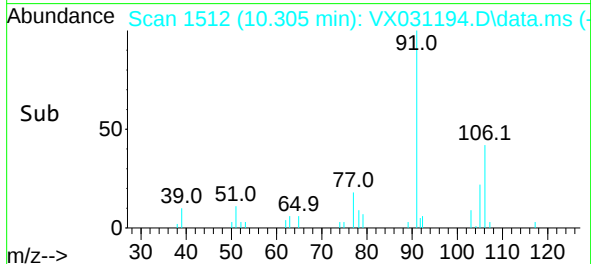
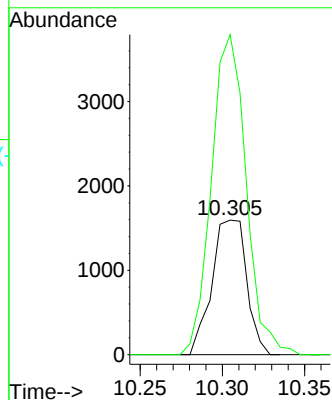
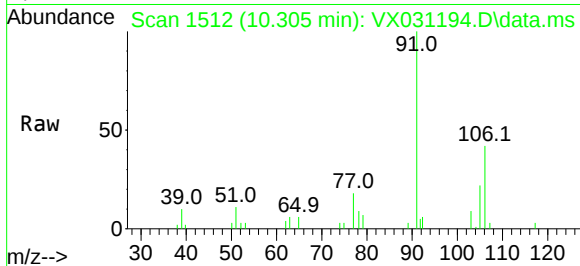




#68
m/p-Xylenes
Concen: 1.001 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031194.D
Acq: 08 Sep 2022 06:28

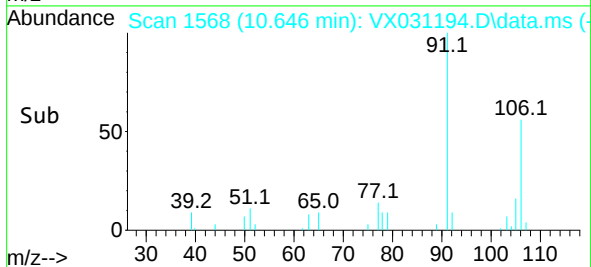
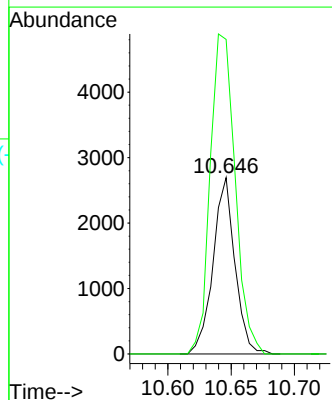
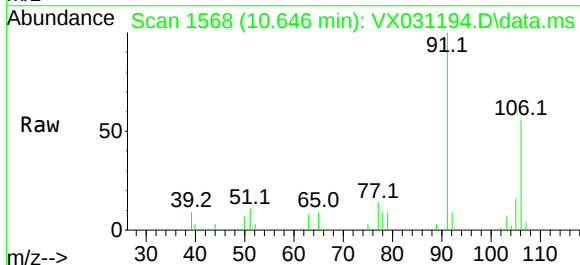
Instrument :
MSVOA_X
ClientSampleId :
IDW-WATER-LIQUID

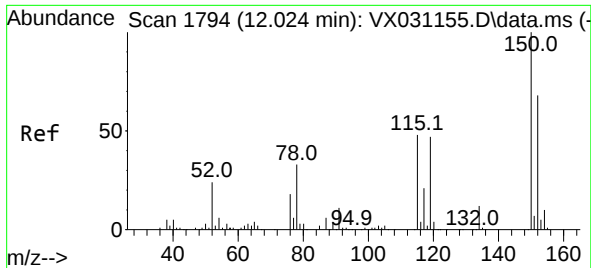
Tgt Ion:106 Resp: 2351
Ion Ratio Lower Upper
106 100
91 236.7 158.2 237.4



#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

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

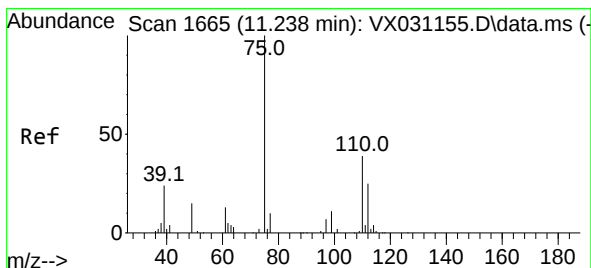
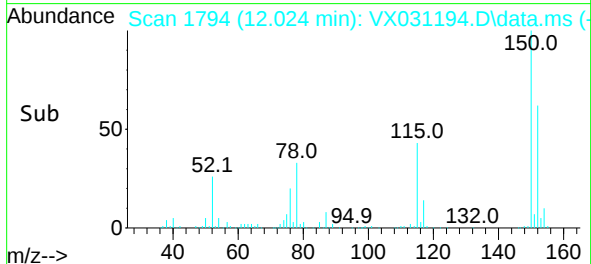
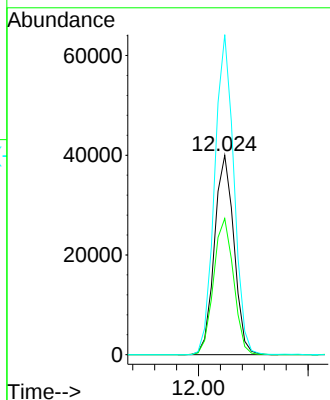
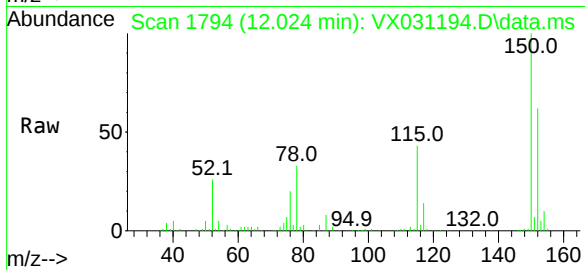




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031194.D
 Acq: 08 Sep 2022 06:28

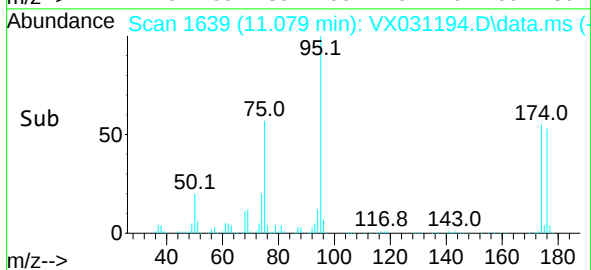
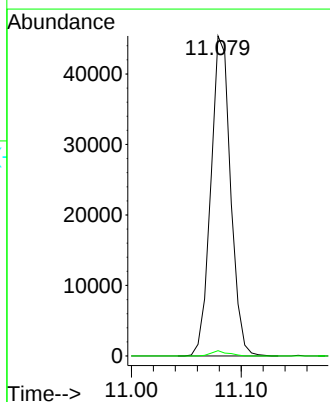
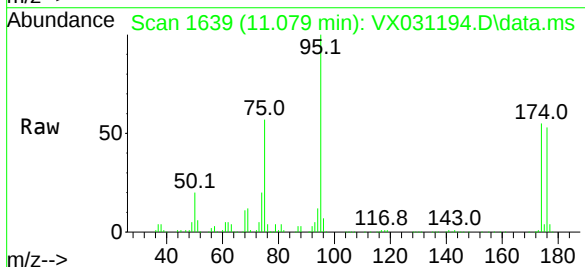
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-WATER-LIQUID

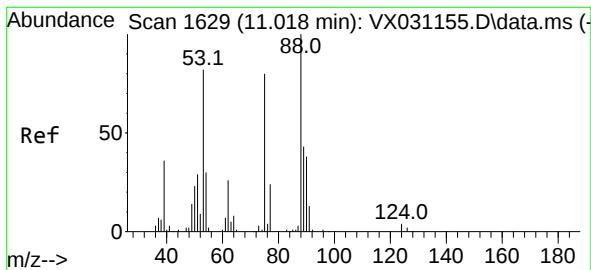
Tgt Ion:152 Resp: 49609
 Ion Ratio Lower Upper
 152 100
 115 69.7 40.5 121.5
 150 158.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 41.918 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031194.D
 Acq: 08 Sep 2022 06:28

Tgt Ion: 75 Resp: 56753
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.181 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031194.D
 Acq: 08 Sep 2022 06:28

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-WATER-LIQUID

Tgt Ion: 75 Resp: 56753
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

