

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024608.D
 Acq On : 06 Oct 2021 06:53
 Operator : JC/MD
 Sample : M4088-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20211005-WATER

Quant Time: Oct 06 09:10:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

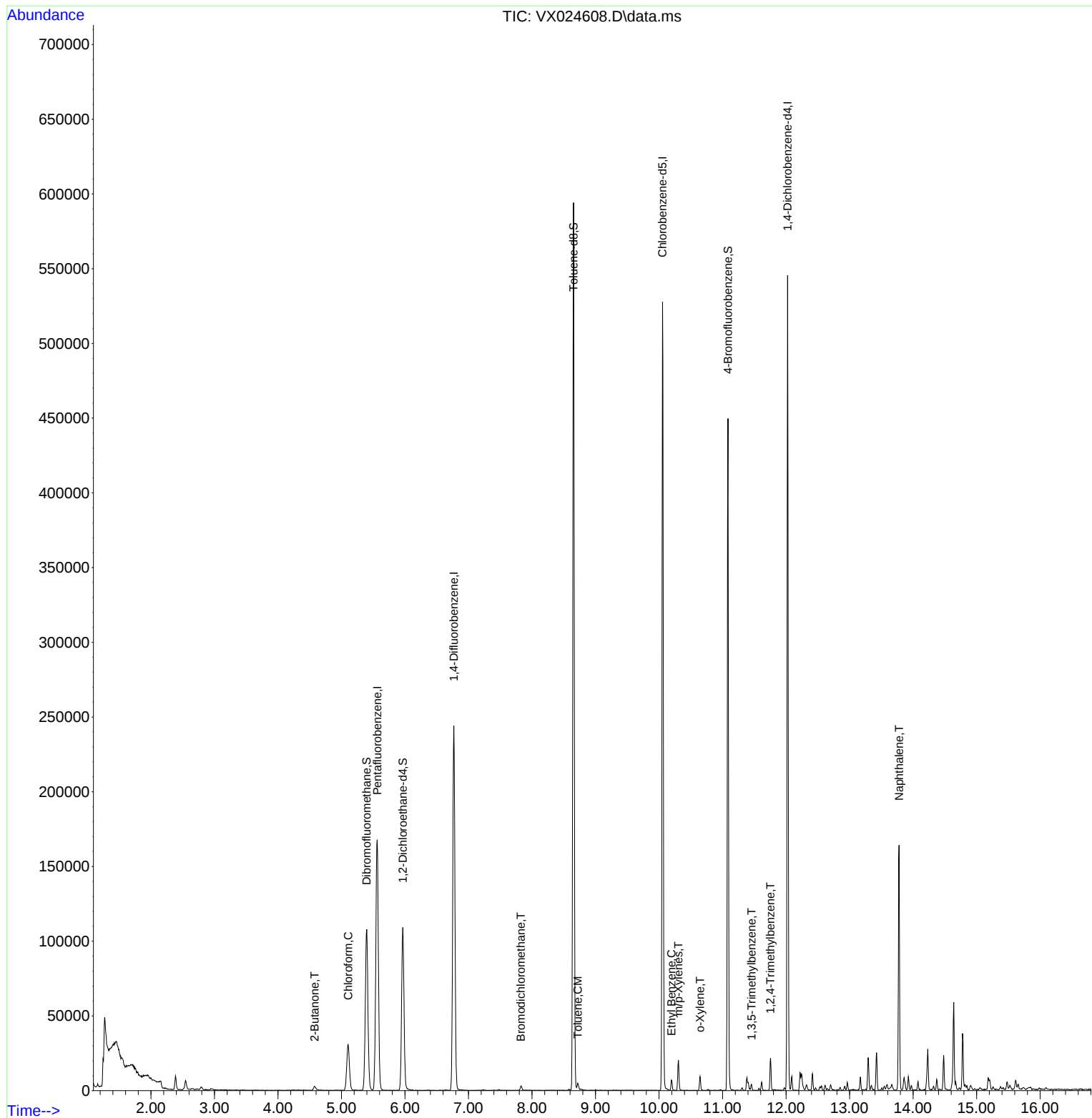
Internal Standards						
1) Pentafluorobenzene	5.562	168	161715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111018	48.71	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.42%
35) Dibromofluoromethane	5.397	113	93487	56.97	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.94%
50) Toluene-d8	8.653	98	346165	57.32	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	114.64%#
62) 4-Bromofluorobenzene	11.085	95	112633	47.43	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.86%
Target Compounds						
					Qvalue	
25) 2-Butanone	4.574	43	4273	2.72	ug/l	96
30) Chloroform	5.105	83	37699	11.10	ug/l	100
47) Bromodichloromethane	7.824	83	1958	0.82	ug/l	92
52) Toluene	8.720	92	1633	0.37	ug/l	95
67) Ethyl Benzene	10.195	91	4126	0.48	ug/l	95
68) m/p-Xylenes	10.305	106	4570	1.39	ug/l	93
69) o-Xylene	10.646	106	1744	0.54	ug/l	90
80) 1,3,5-Trimethylbenzene	11.457	105	2030	0.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	9529	1.48	ug/l	96
95) Naphthalene	13.780	128	99996	13.32	ug/l	99

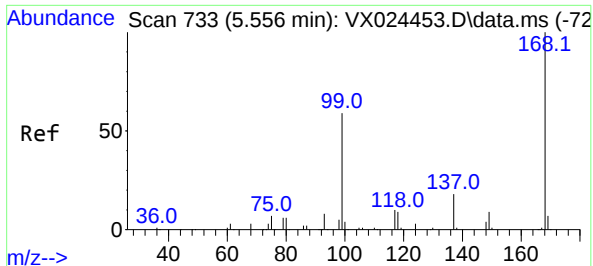
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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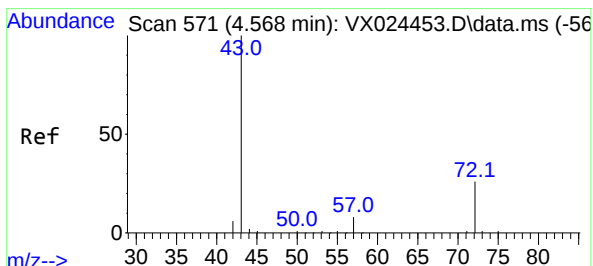
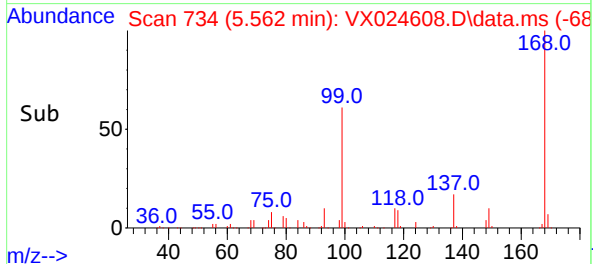
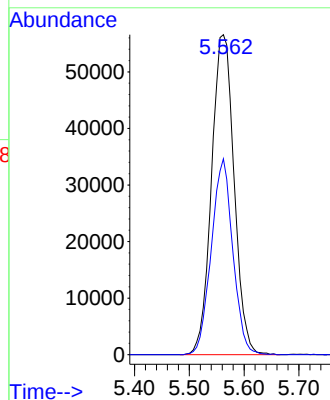
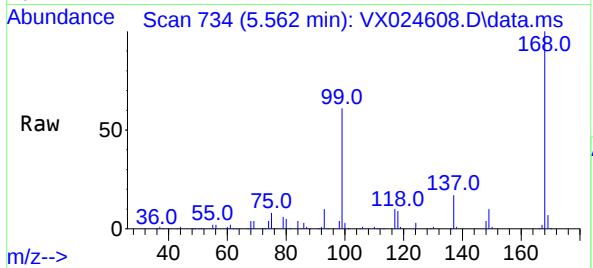




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

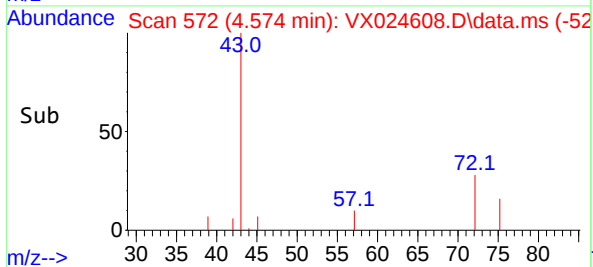
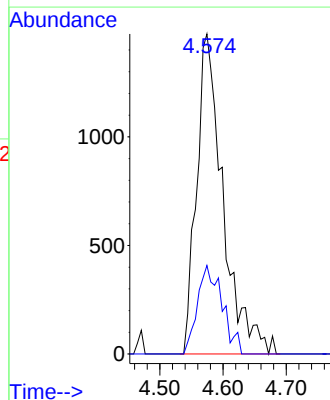
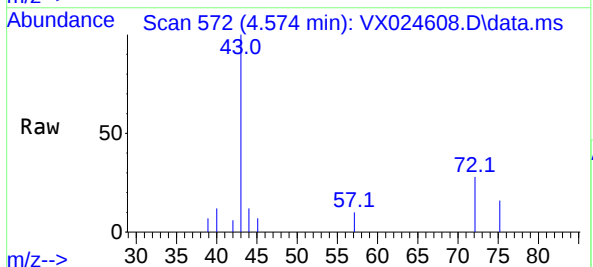
Instrument :
MSVOA_X
ClientSampleId :
WC-20211005-WATER

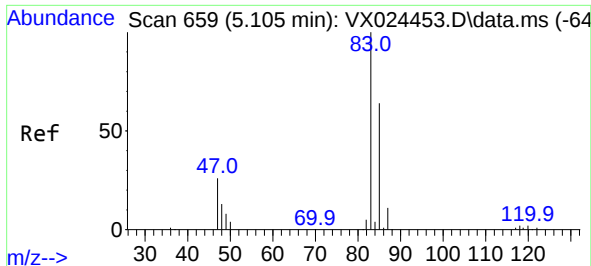
Tgt Ion:168 Resp: 161715
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#25
2-Butanone
Concen: 2.72 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

Tgt Ion: 43 Resp: 4273
Ion Ratio Lower Upper
43 100
72 27.7 23.7 35.5





#30

Chloroform

Concen: 11.10 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024608.D

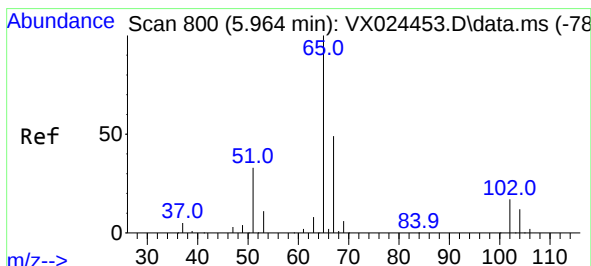
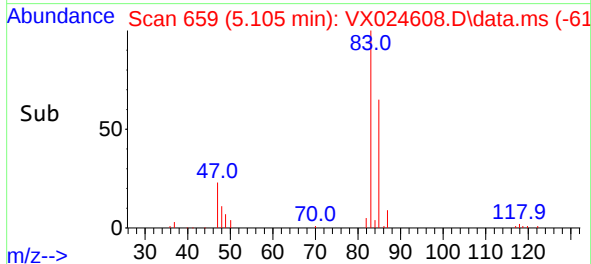
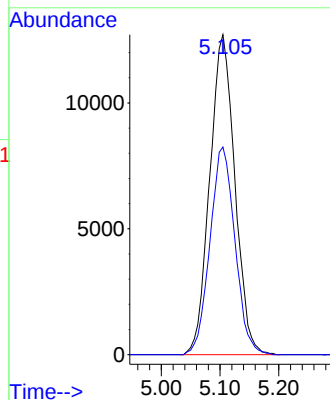
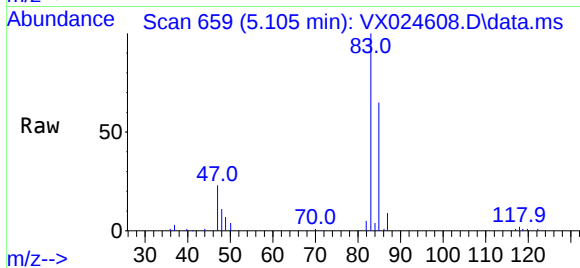
Acq: 06 Oct 2021 06:53

Tgt Ion: 83 Resp: 37699

Ion Ratio Lower Upper

83 100

85 64.9 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 48.71 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024608.D

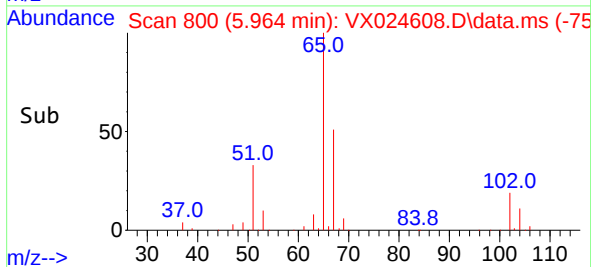
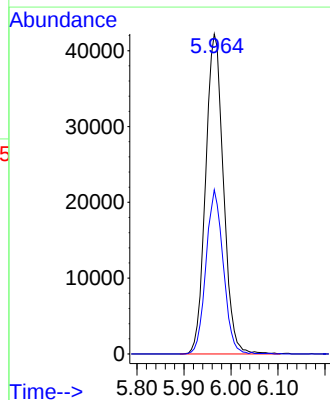
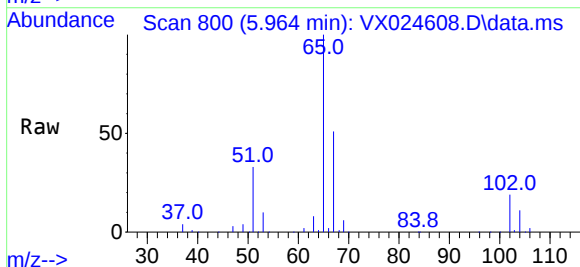
Acq: 06 Oct 2021 06:53

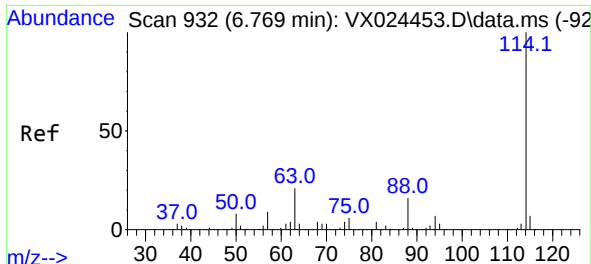
Tgt Ion: 65 Resp: 111018

Ion Ratio Lower Upper

65 100

67 49.6 0.0 105.4

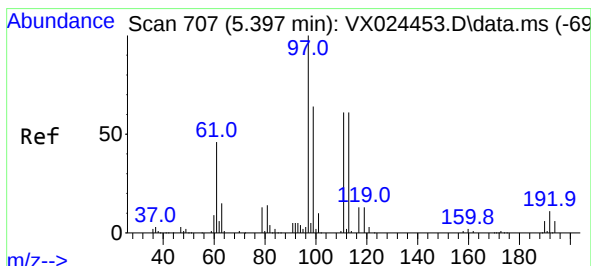
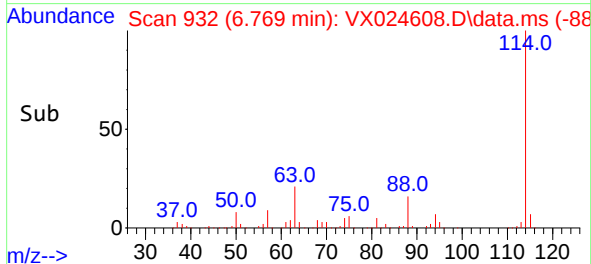
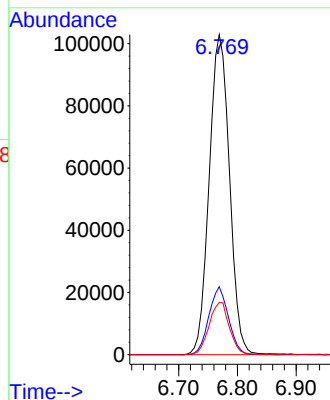
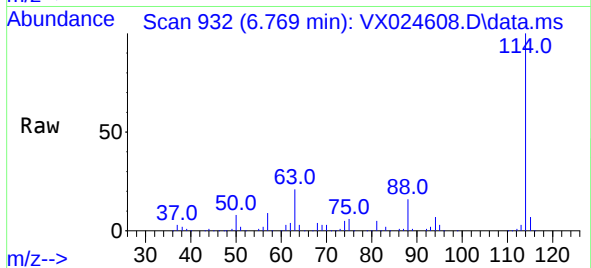




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

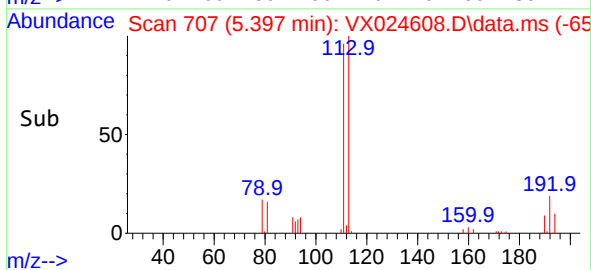
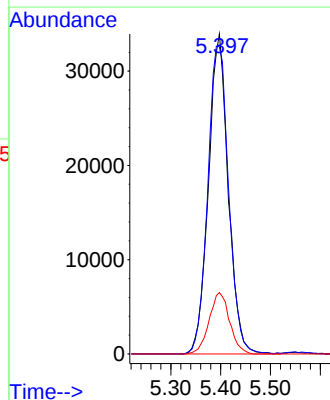
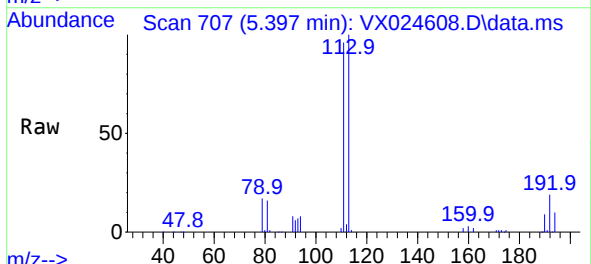
Instrument :
MSVOA_X
ClientSampleId :
WC-20211005-WATER

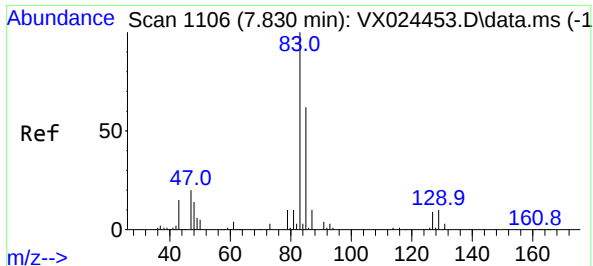
Tgt Ion:114 Resp: 247013
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 56.97 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

Tgt Ion:113 Resp: 93487
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.9 16.7 25.1

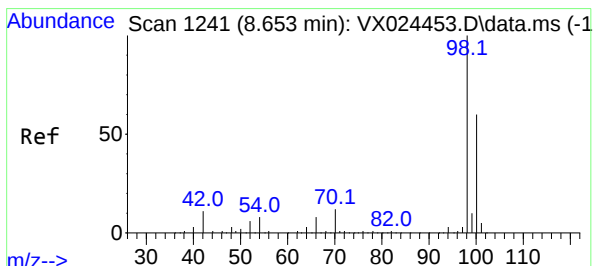
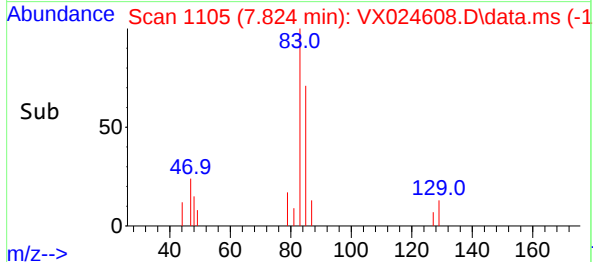
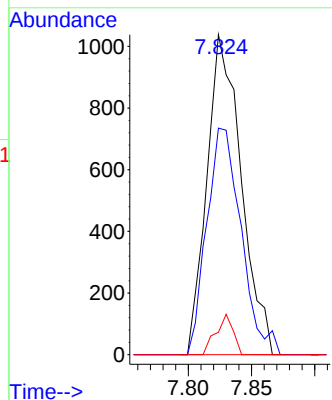
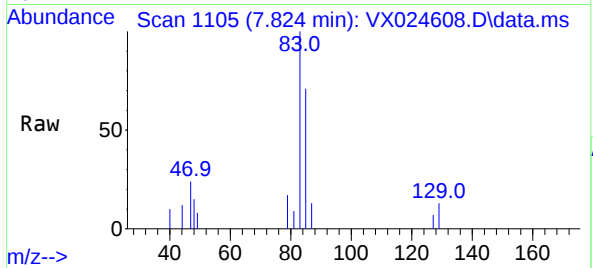




#47
Bromodichloromethane
Concen: 0.82 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

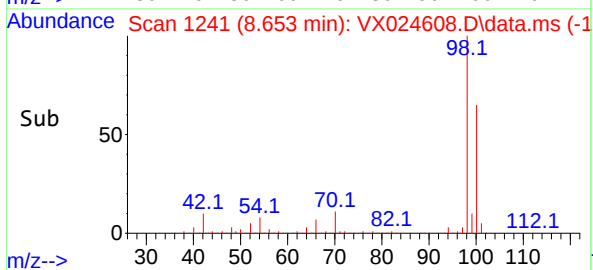
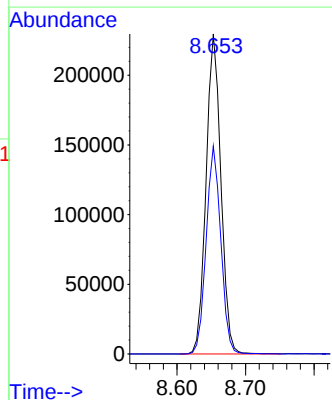
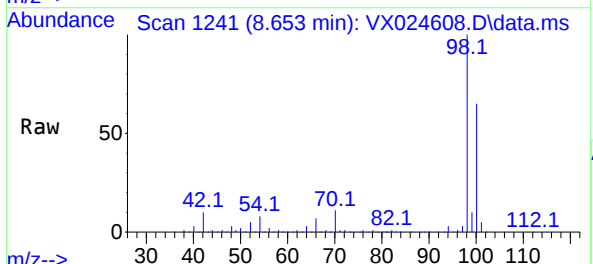
Instrument :
MSVOA_X
ClientSampleId :
WC-20211005-WATER

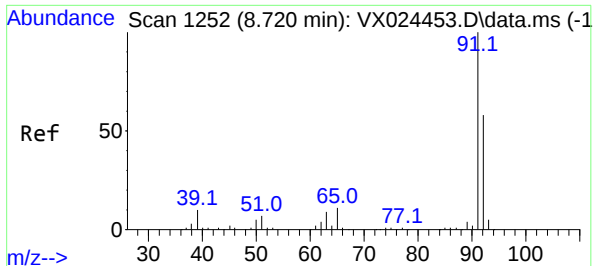
Tgt Ion: 83	Resp: 1958
Ion Ratio	Lower Upper
83 100	
85 70.8	51.4 77.0
127 7.0	6.8 10.2



#50
Toluene-d8
Concen: 57.32 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

Tgt Ion: 98	Resp: 346165
Ion Ratio	Lower Upper
98 100	
100 64.1	51.9 77.9





#52

Toluene

Concen: 0.37 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX024608.D

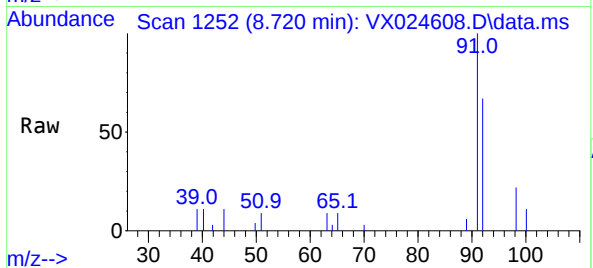
Acq: 06 Oct 2021 06:53

Tgt Ion: 92 Resp: 1633

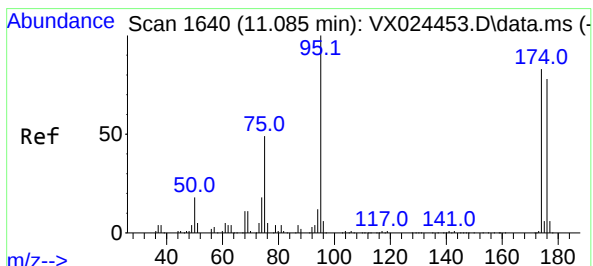
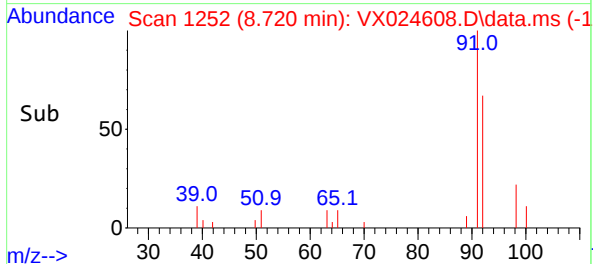
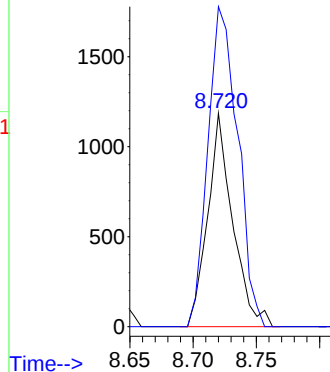
Ion Ratio Lower Upper

92 100

91 178.9 137.1 205.7



Abundance



#62

4-Bromofluorobenzene

Concen: 47.43 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024608.D

Acq: 06 Oct 2021 06:53

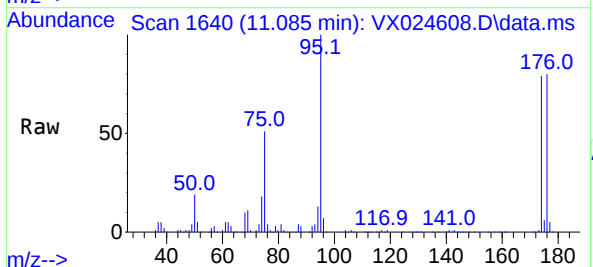
Tgt Ion: 95 Resp: 112633

Ion Ratio Lower Upper

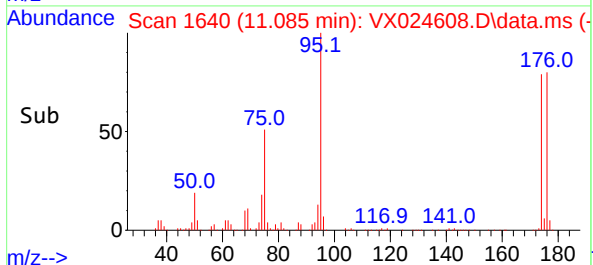
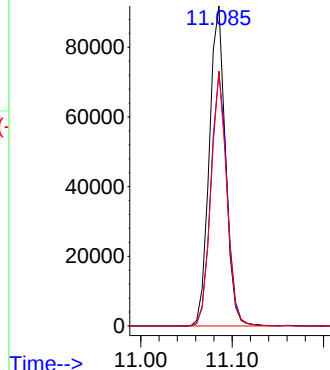
95 100

174 80.1 0.0 154.6

176 77.2 0.0 155.8



Abundance

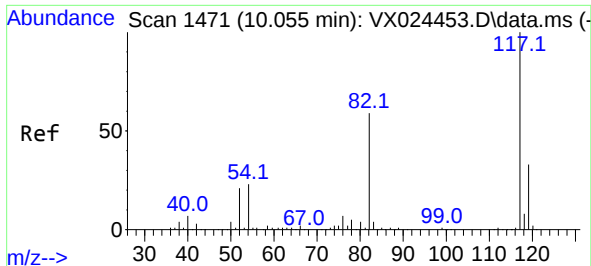


Instrument :

MSVOA_X

ClientSampleId :

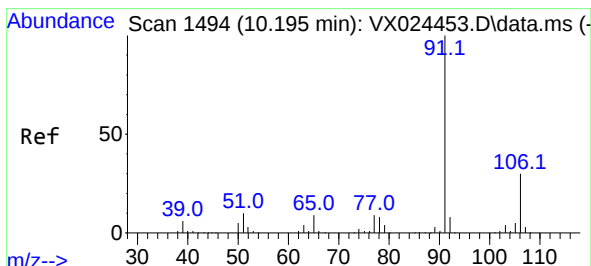
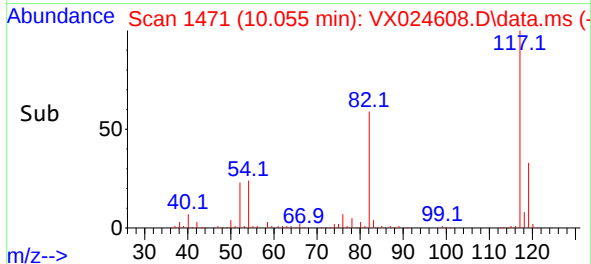
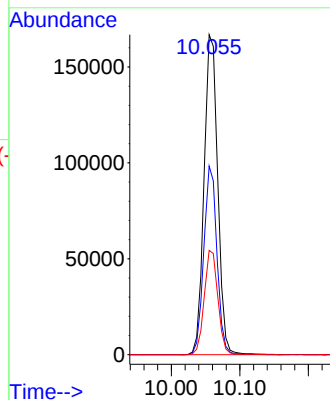
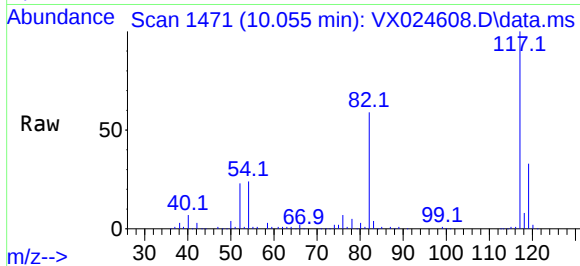
WC-20211005-WATER



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

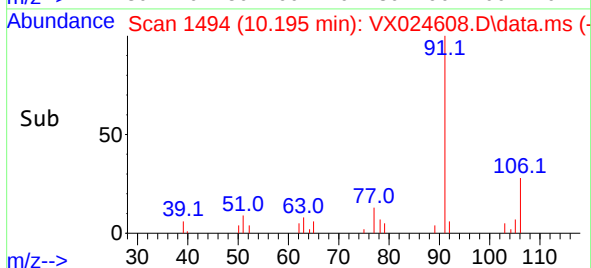
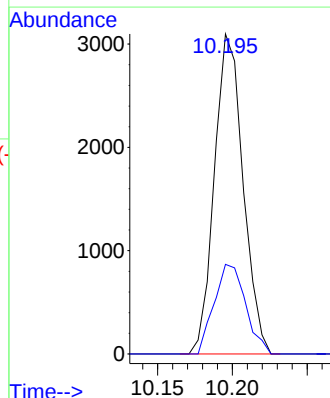
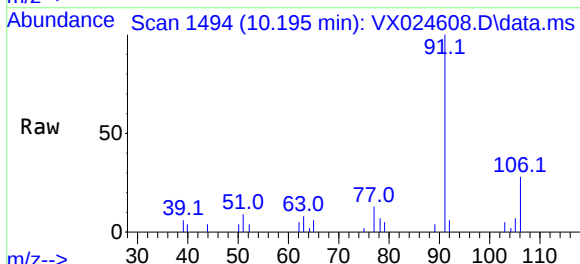
Instrument :
MSVOA_X
ClientSampleId :
WC-20211005-WATER

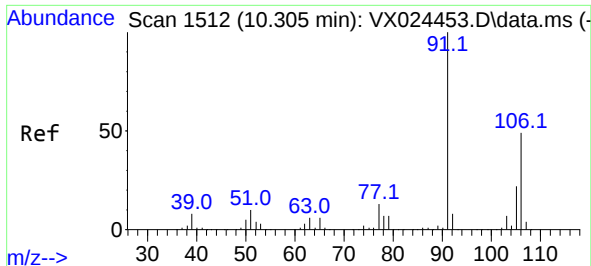
Tgt Ion:117 Resp: 231989
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.6 26.6 39.8



#67
Ethyl Benzene
Concen: 0.48 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

Tgt Ion: 91 Resp: 4126
Ion Ratio Lower Upper
91 100
106 28.0 24.6 37.0

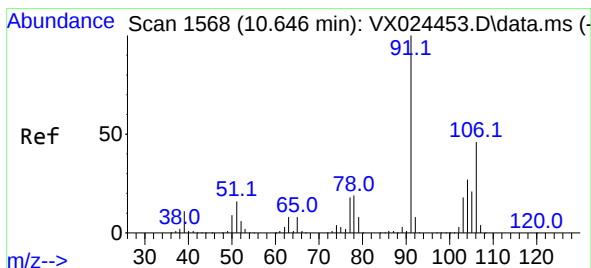
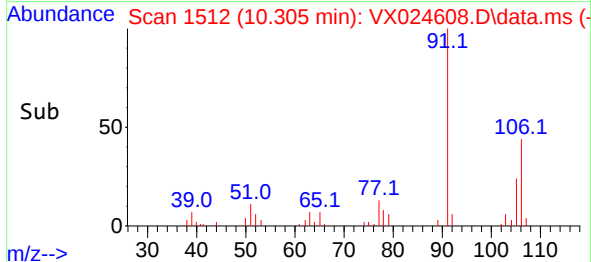
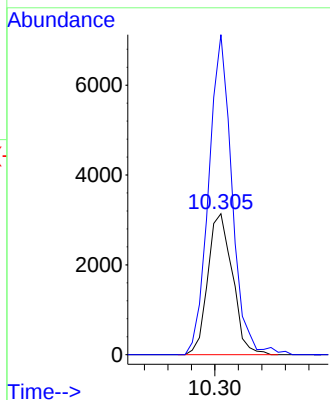
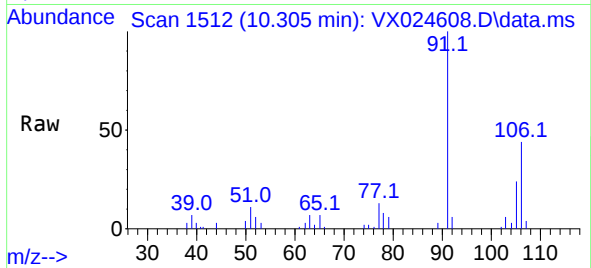




#68
m/p-Xylenes
Concen: 1.39 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

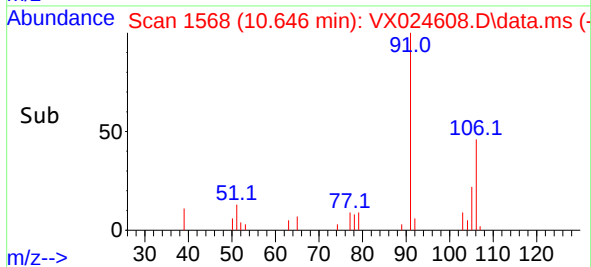
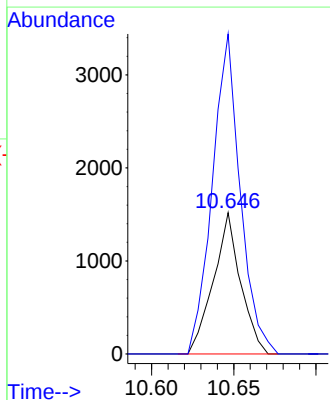
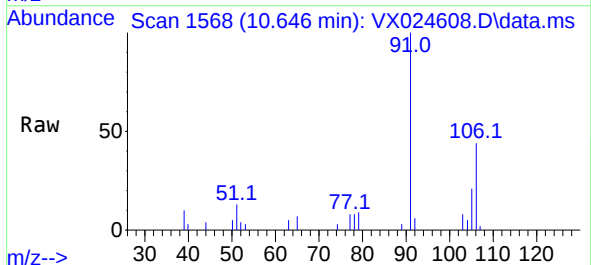
Instrument :
MSVOA_X
ClientSampleId :
WC-20211005-WATER

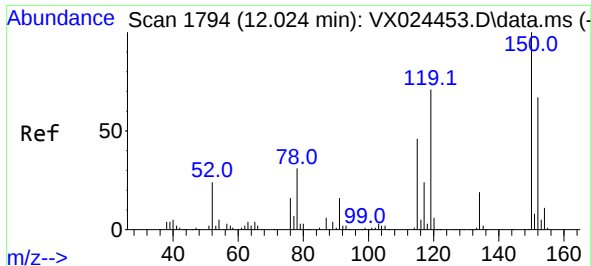
Tgt Ion:106 Resp: 4570
Ion Ratio Lower Upper
106 100
91 214.8 162.8 244.2



#69
o-Xylene
Concen: 0.54 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

Tgt Ion:106 Resp: 1744
Ion Ratio Lower Upper
106 100
91 232.5 108.1 324.2

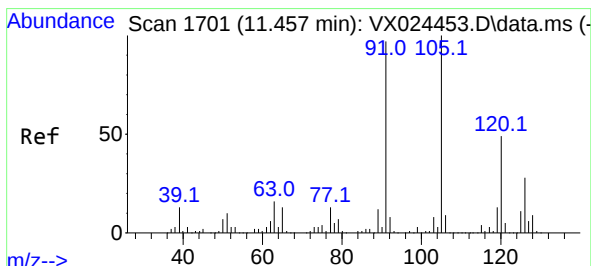
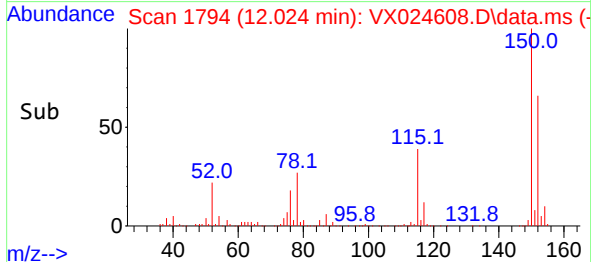
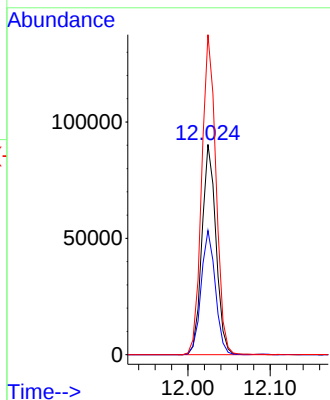
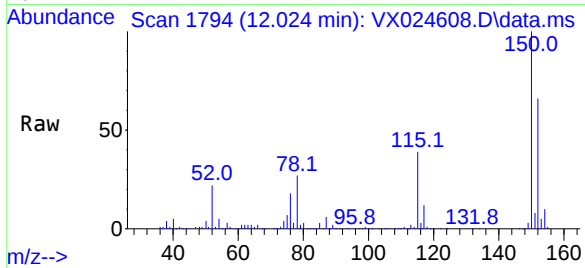




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

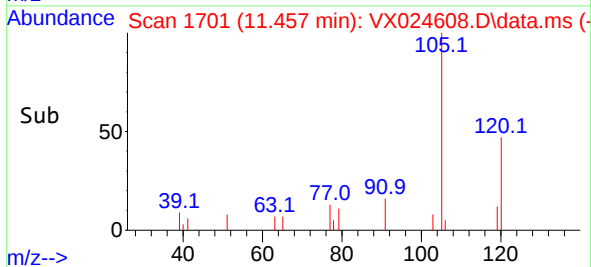
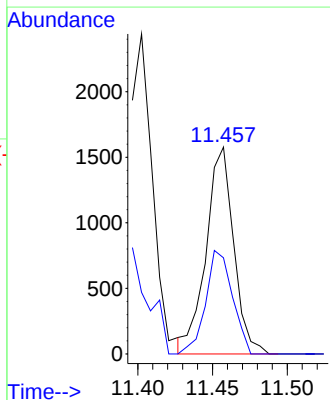
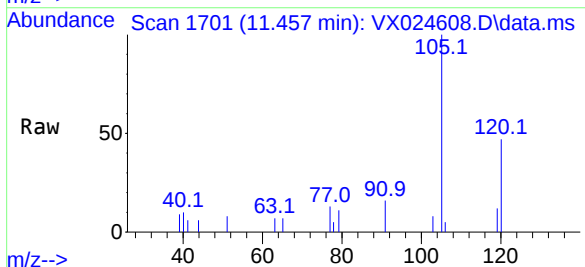
Instrument :
MSVOA_X
ClientSampleId :
WC-20211005-WATER

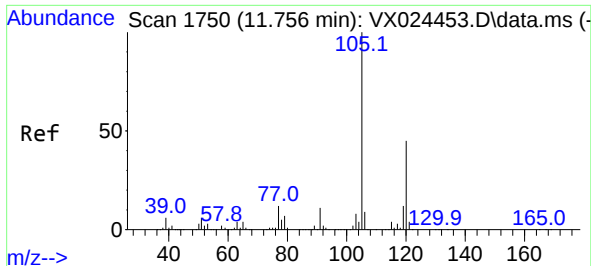
Tgt Ion:152 Resp: 107562
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 154.8 0.0 349.0



#80
1,3,5-Trimethylbenzene
Concen: 0.31 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

Tgt Ion:105 Resp: 2030
Ion Ratio Lower Upper
105 100
120 48.4 23.8 71.5

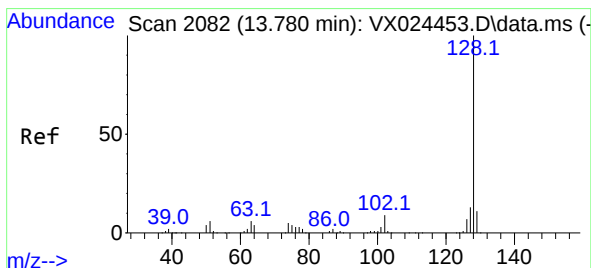
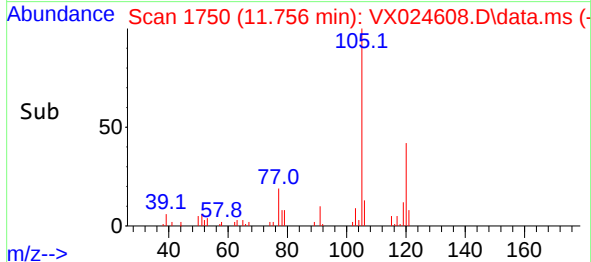
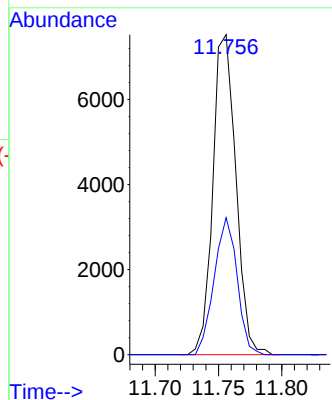
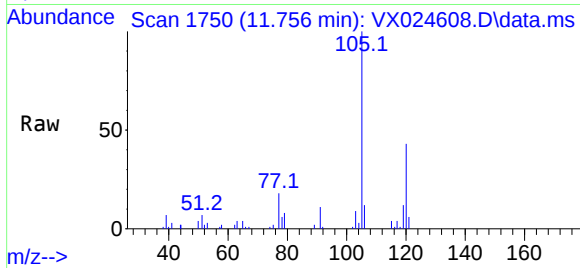




#84
1,2,4-Trimethylbenzene
Concen: 1.48 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

Instrument :
MSVOA_X
ClientSampleId :
WC-20211005-WATER

Tgt Ion:105 Resp: 9529
Ion Ratio Lower Upper
105 100
120 42.6 22.4 67.3



#95
Naphthalene
Concen: 13.32 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024608.D
Acq: 06 Oct 2021 06:53

Tgt Ion:128 Resp: 99996
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.8 13.2

