

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029709.D
 Acq On : 22 Jun 2022 19:07
 Operator : JC/MD
 Sample : N3202-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Jun 23 01:10:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

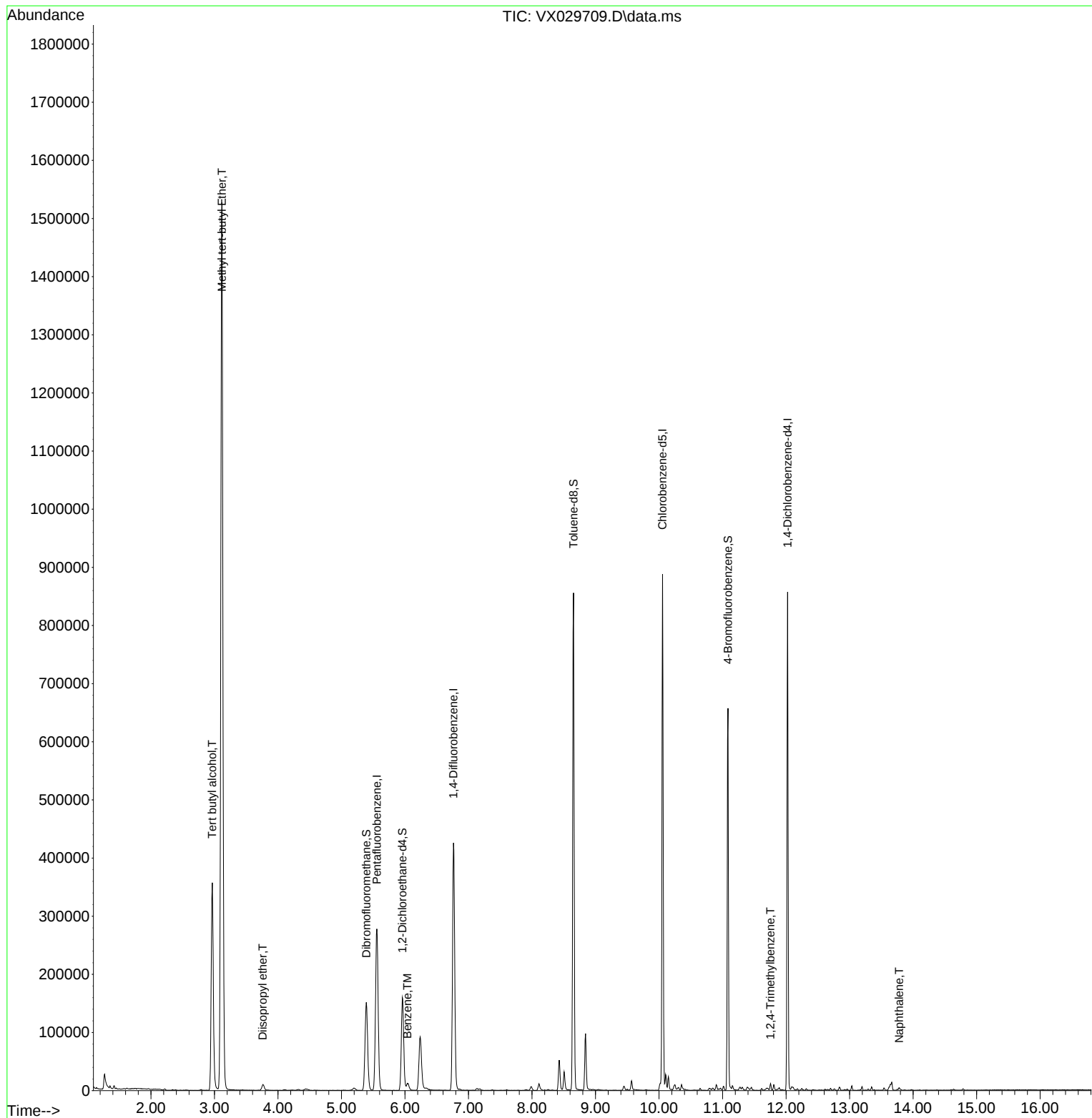
Internal Standards						
1) Pentafluorobenzene	5.556	168	271333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	460907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148384	41.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.620%
35) Dibromofluoromethane	5.391	113	136150	45.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.660%
50) Toluene-d8	8.653	98	520833	47.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.940%
62) 4-Bromofluorobenzene	11.085	95	189199	45.722	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	467690	610.886	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	1823737	191.102	ug/l	100
22) Diisopropyl ether	3.757	45	10693	1.218	ug/l #	82
40) Benzene	6.037	78	14858	1.233	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	5283	0.477	ug/l	99
95) Naphthalene	13.780	128	3350	0.272	ug/l #	94

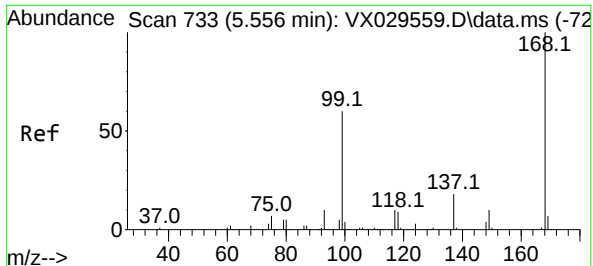
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 23 01:10:50 2022
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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

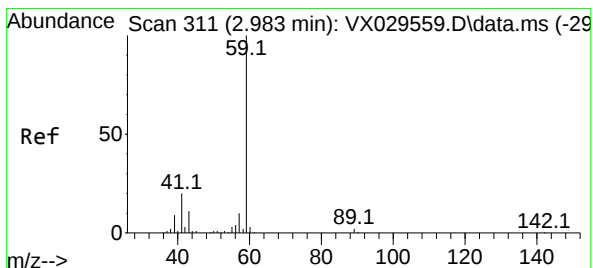
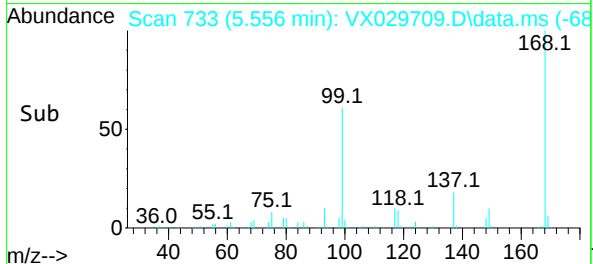
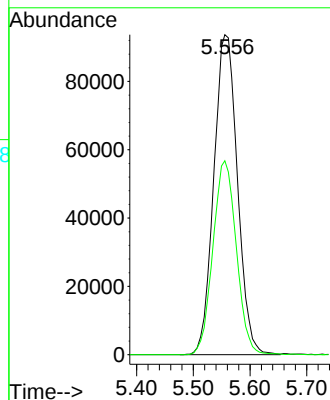
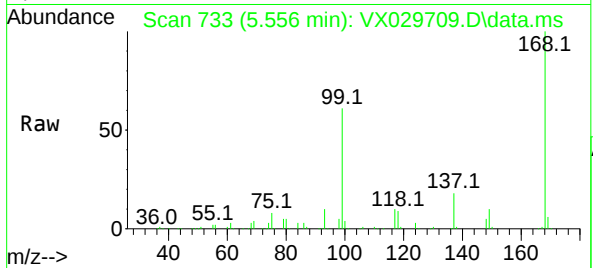




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029709.D
Acq: 22 Jun 2022 19:07

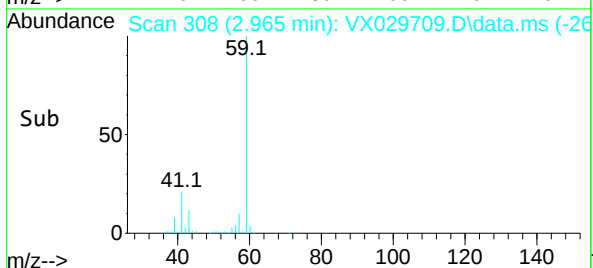
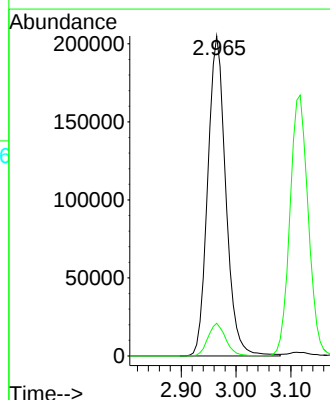
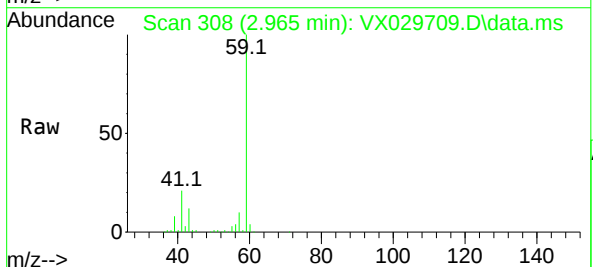
Instrument :
MSVOA_X
ClientSampleId :
MW-22

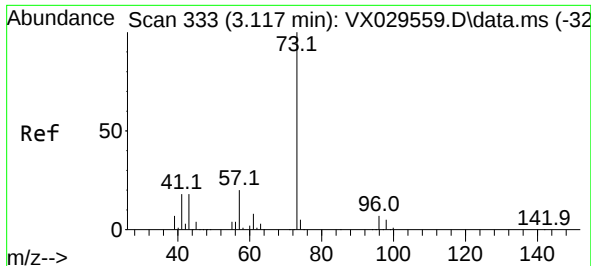
Tgt Ion:168 Resp: 271333
Ion Ratio Lower Upper
168 100
99 60.6 41.7 62.5



#11
Tert butyl alcohol
Concen: 610.886 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029709.D
Acq: 22 Jun 2022 19:07

Tgt Ion: 59 Resp: 467690
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

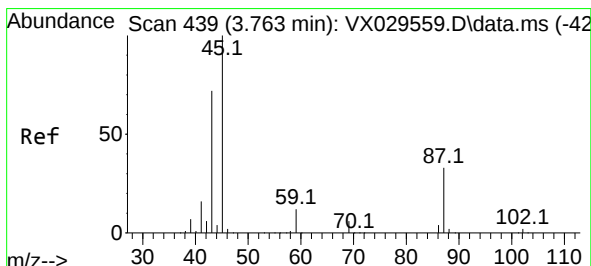
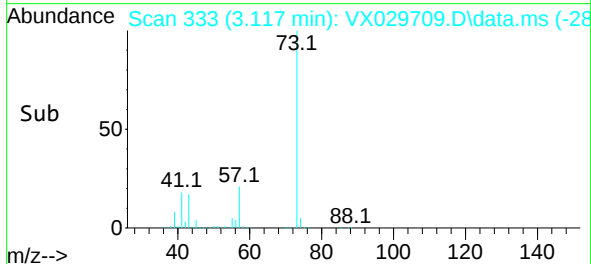
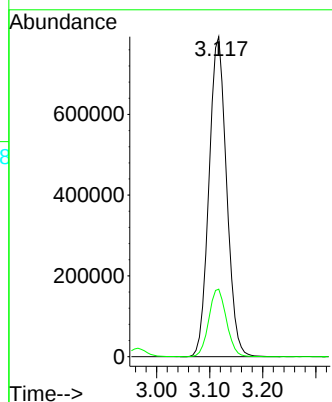
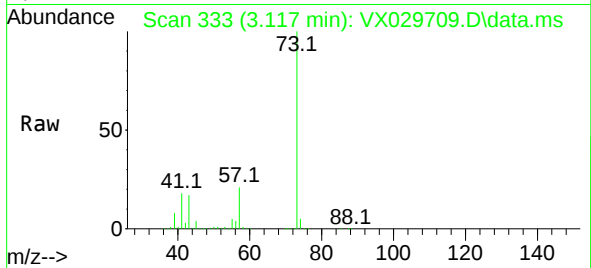




#19
Methyl tert-butyl Ether
Concen: 191.102 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX029709.D
Acq: 22 Jun 2022 19:07

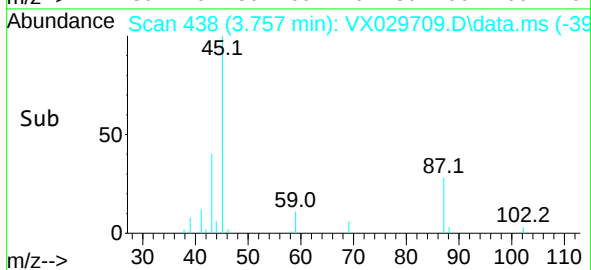
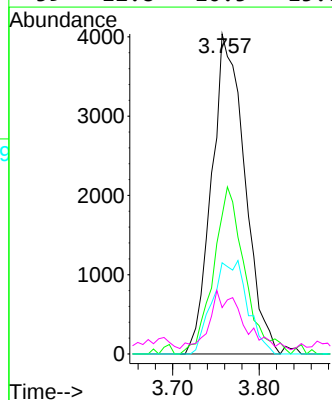
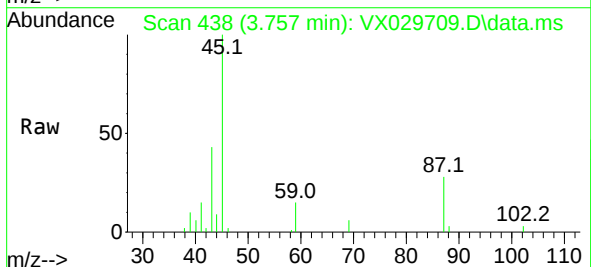
Instrument :
MSVOA_X
ClientSampleId :
MW-22

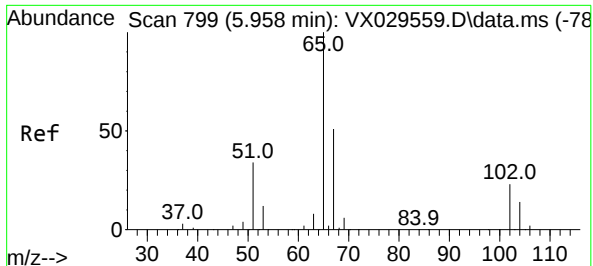
Tgt Ion: 73 Resp: 1823737
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2



#22
Diisopropyl ether
Concen: 1.218 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX029709.D
Acq: 22 Jun 2022 19:07

Tgt Ion: 45 Resp: 10693
Ion Ratio Lower Upper
45 100
43 43.2 50.8 76.2#
87 28.5 26.6 39.8
59 12.8 10.5 15.7





#33

1,2-Dichloroethane-d4

Concen: 41.313 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029709.D

Acq: 22 Jun 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

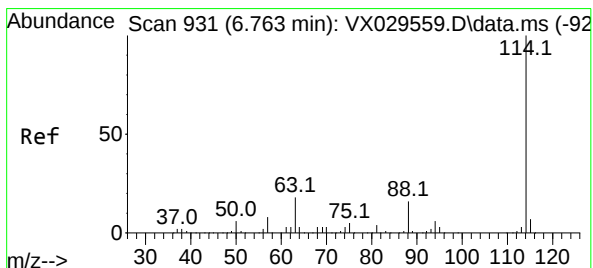
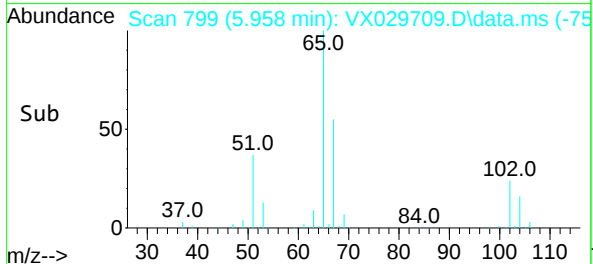
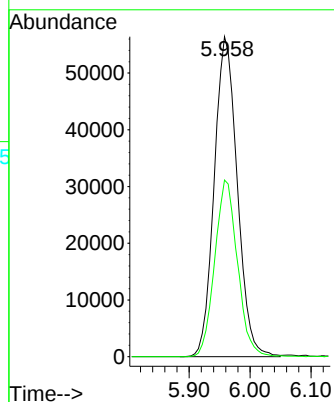
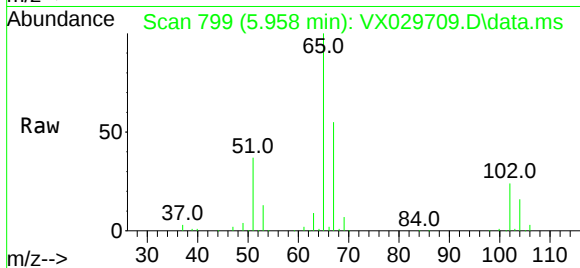
MW-22

Tgt Ion: 65 Resp: 148384

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029709.D

Acq: 22 Jun 2022 19:07

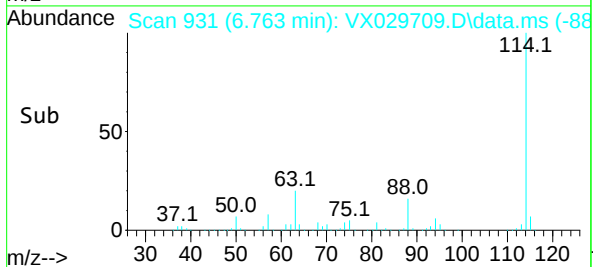
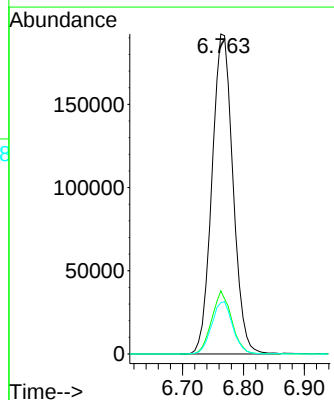
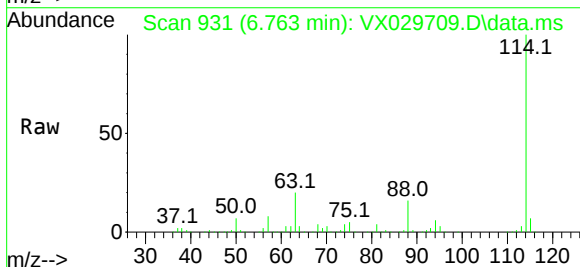
Tgt Ion: 114 Resp: 460907

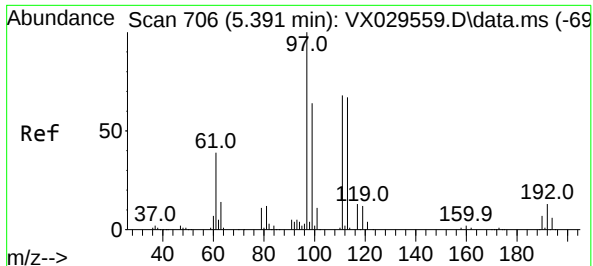
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.328 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029709.D

Acq: 22 Jun 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

MW-22

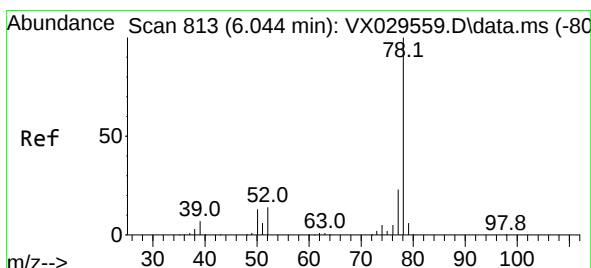
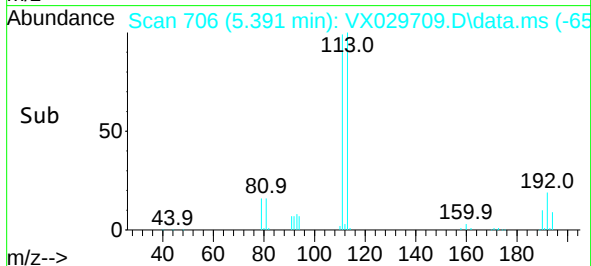
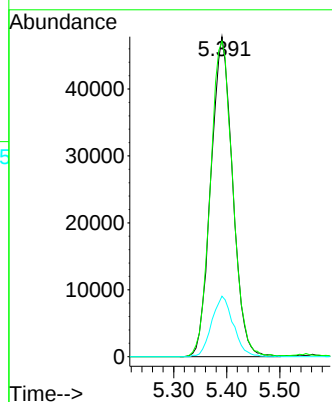
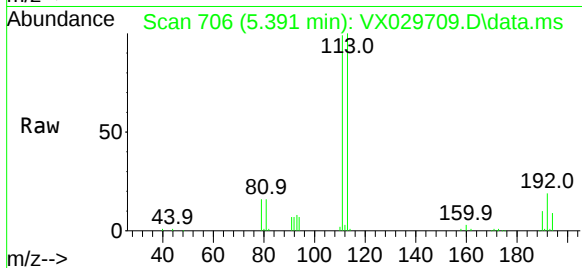
Tgt Ion:113 Resp: 136150

Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

192 18.8 16.9 25.3



#40

Benzene

Concen: 1.233 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX029709.D

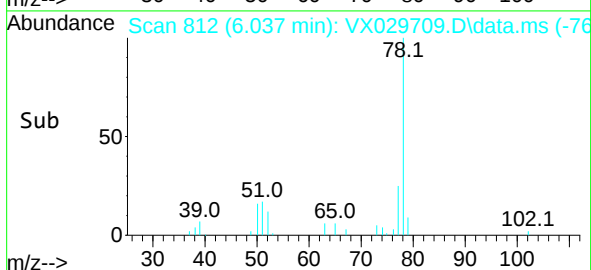
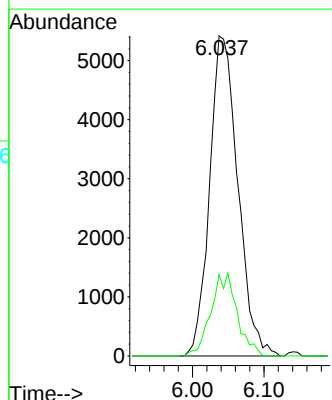
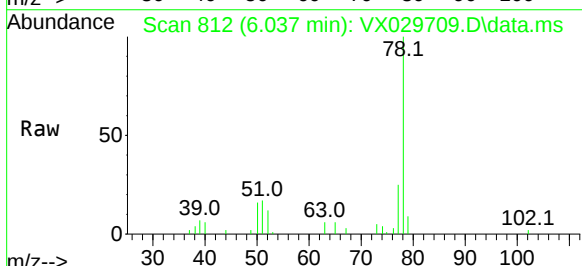
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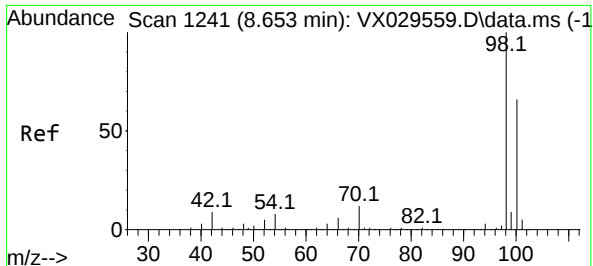
Tgt Ion: 78 Resp: 14858

Ion Ratio Lower Upper

78 100

77 25.4 19.3 28.9

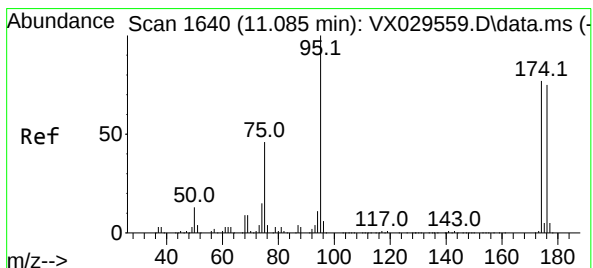
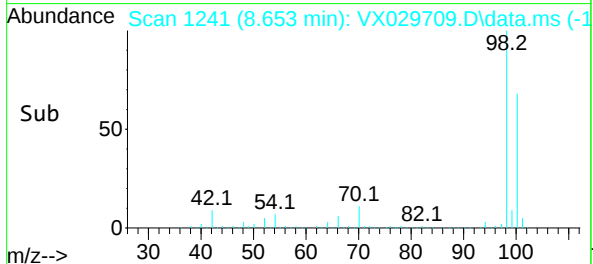
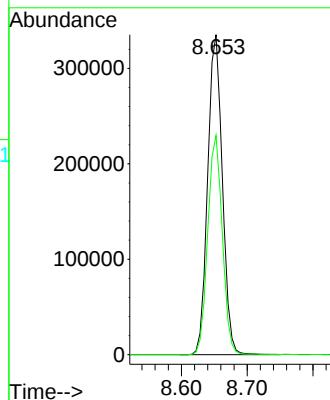
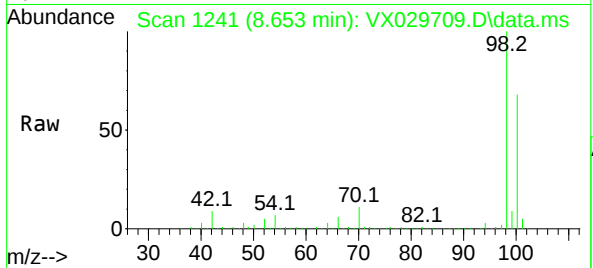




#50
Toluene-d8
Concen: 47.465 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029709.D
Acq: 22 Jun 2022 19:07

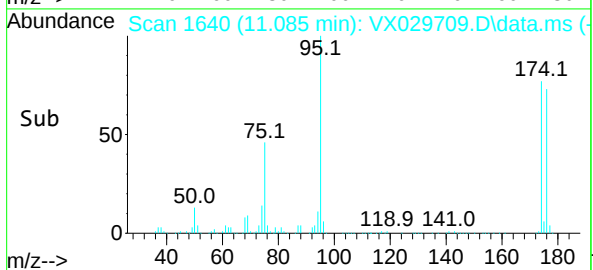
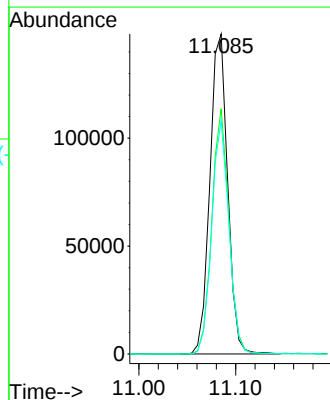
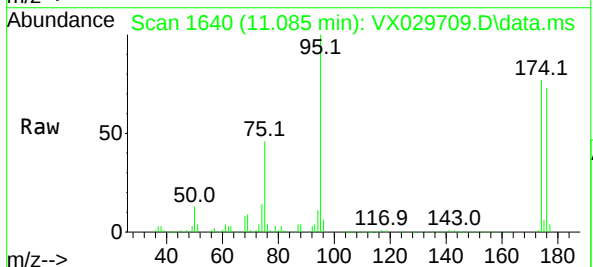
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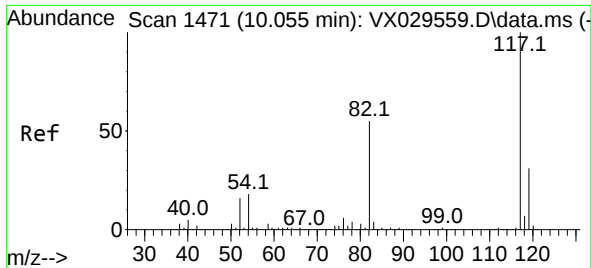
Tgt Ion: 98 Resp: 520833
Ion Ratio Lower Upper
98 100
100 67.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.722 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029709.D
Acq: 22 Jun 2022 19:07

Tgt Ion: 95 Resp: 189199
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 70.5 0.0 155.0

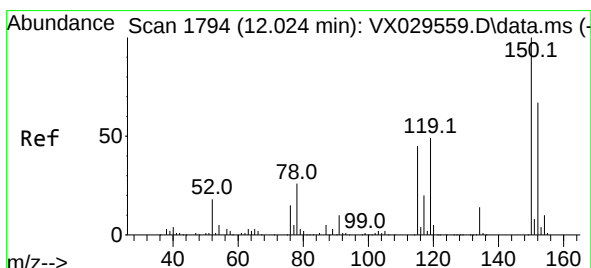
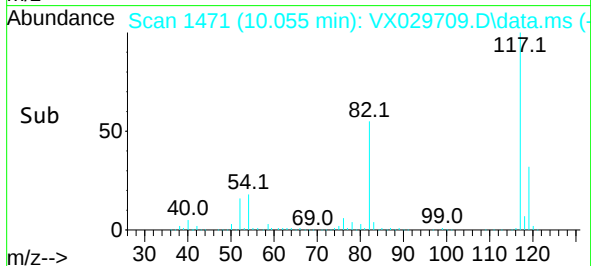
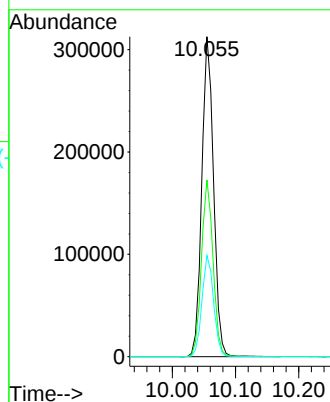
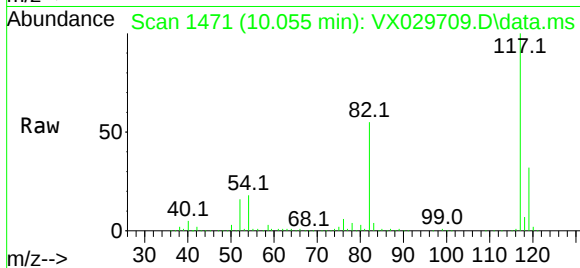




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029709.D
Acq: 22 Jun 2022 19:07

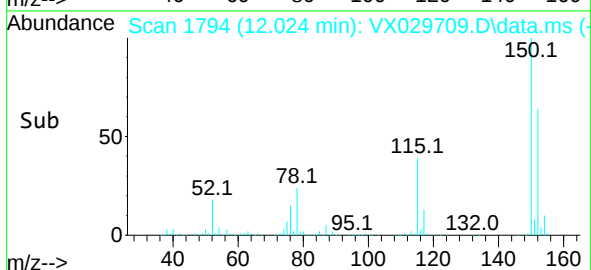
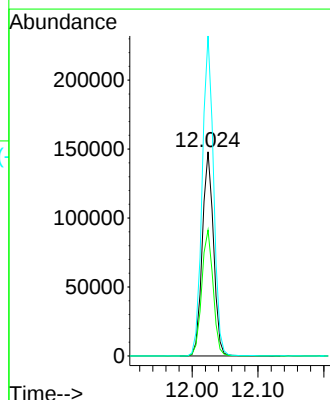
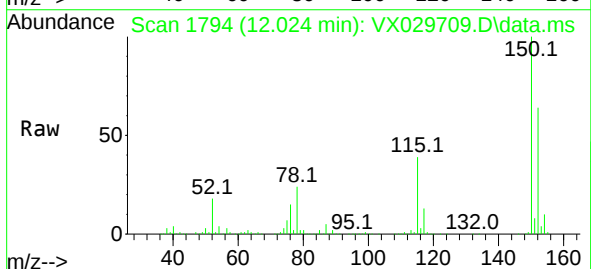
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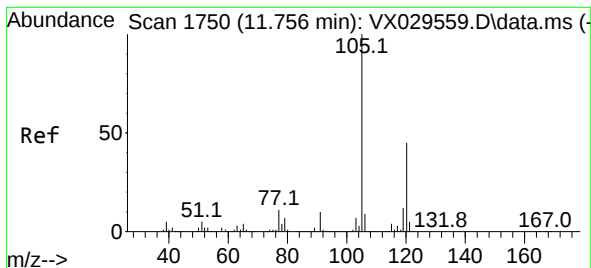
Tgt Ion:117 Resp: 405212
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029709.D
Acq: 22 Jun 2022 19:07

Tgt Ion:152 Resp: 175816
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 158.1 0.0 338.2





#84

1,2,4-Trimethylbenzene

Concen: 0.477 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029709.D

Acq: 22 Jun 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

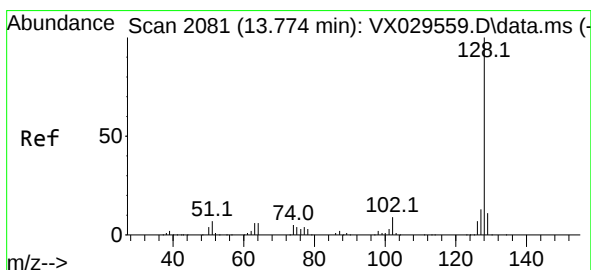
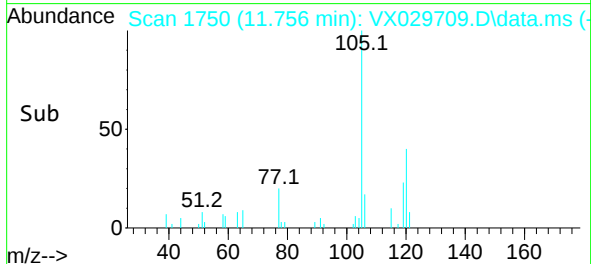
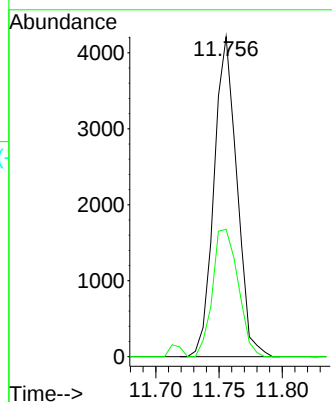
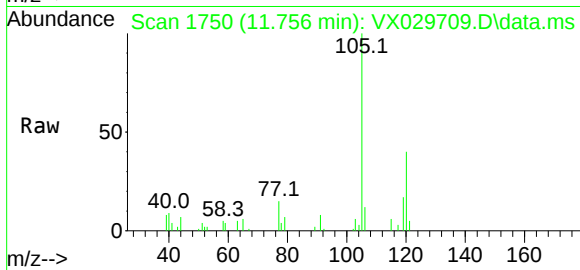
MW-22

Tgt Ion:105 Resp: 5283

Ion Ratio Lower Upper

105 100

120 44.7 22.6 67.8



#95

Naphthalene

Concen: 0.272 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029709.D

Acq: 22 Jun 2022 19:07

Tgt Ion:128 Resp: 3350

Ion Ratio Lower Upper

128 100

127 14.5 10.2 15.4

129 13.7 8.7 13.1#

