

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029691.D
 Acq On : 22 Jun 2022 12:07
 Operator : JC/MD
 Sample : N3286-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6S

Quant Time: Jun 23 01:08:51 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)

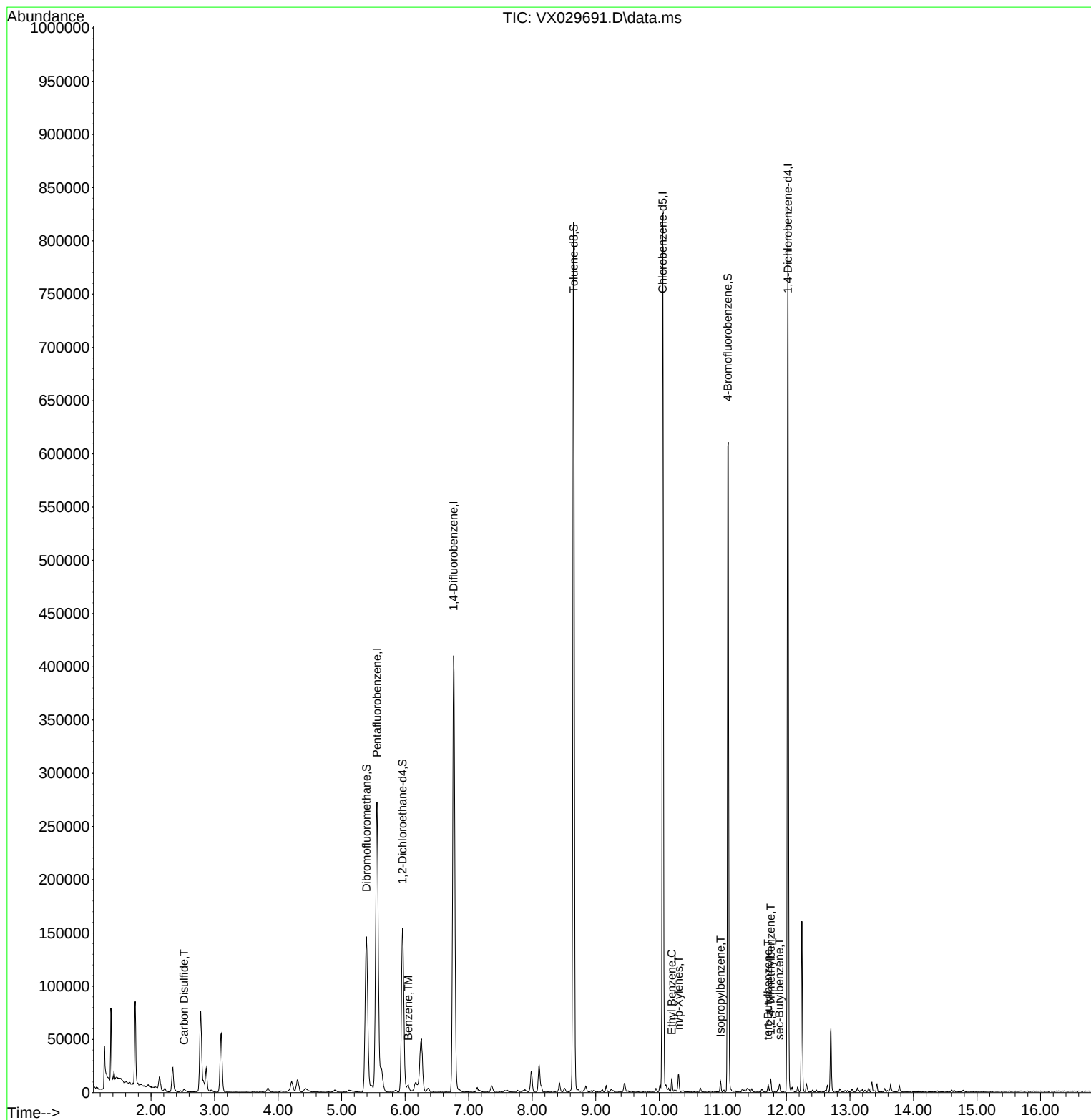
Internal Standards						
1) Pentafluorobenzene	5.556	168	262995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446820	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147791	42.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.900%
35) Dibromofluoromethane	5.391	113	132109	45.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	8.653	98	507842	47.740	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.079	95	184025	45.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.520	76	4655	0.674	ug/l	98
40) Benzene	6.050	78	7646	0.655	ug/l	97
67) Ethyl Benzene	10.195	91	7068	0.517	ug/l	98
68) m/p-Xylenes	10.305	106	4228	0.792	ug/l	96
73) Isopropylbenzene	10.964	105	5056	0.385	ug/l	95
83) tert-Butylbenzene	11.713	119	2623	0.243	ug/l	82
84) 1,2,4-Trimethylbenzene	11.756	105	5312	0.481	ug/l	97
85) sec-Butylbenzene	11.890	105	4309	0.322	ug/l	85

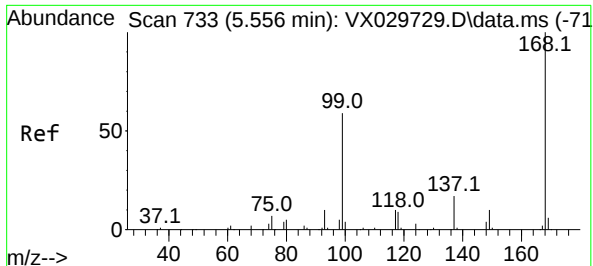
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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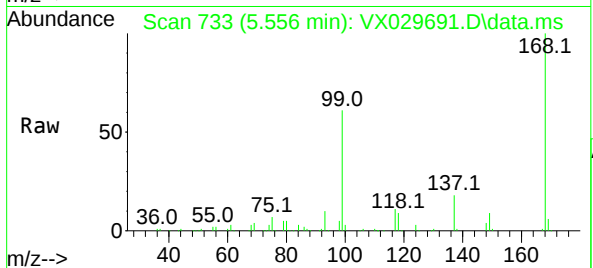
Quant Time: Jun 23 01:08:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration



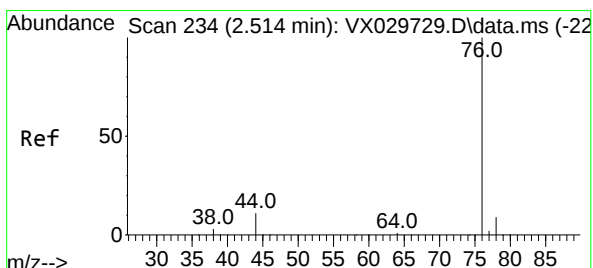
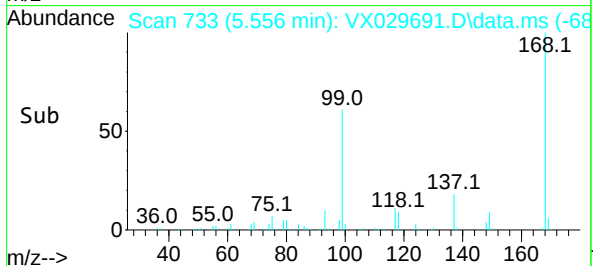
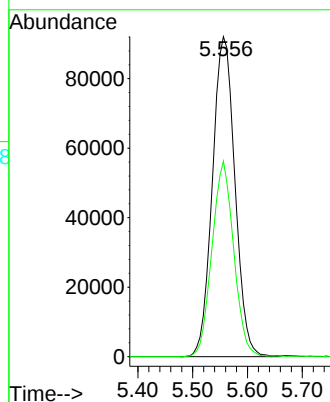


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029691.D
Acq: 22 Jun 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
MW-6S

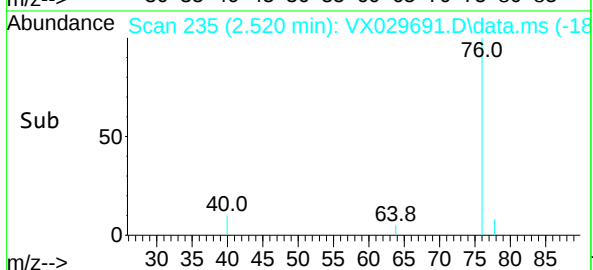
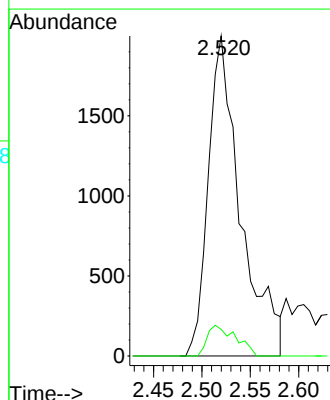
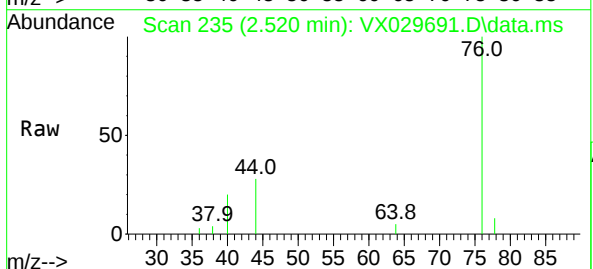


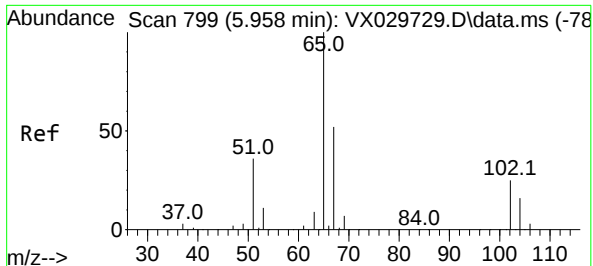
Tgt Ion:168 Resp: 262995
Ion Ratio Lower Upper
168 100
99 61.1 41.7 62.5



#17
Carbon Disulfide
Concen: 0.674 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029691.D
Acq: 22 Jun 2022 12:07

Tgt Ion: 76 Resp: 4655
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

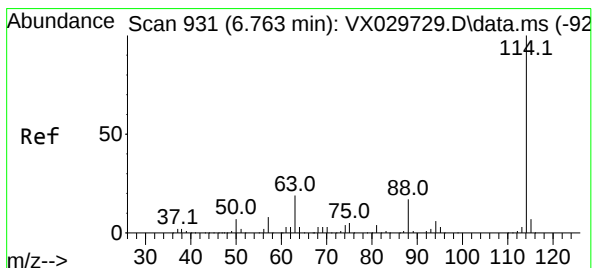
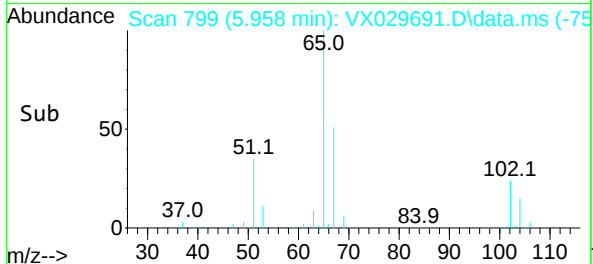
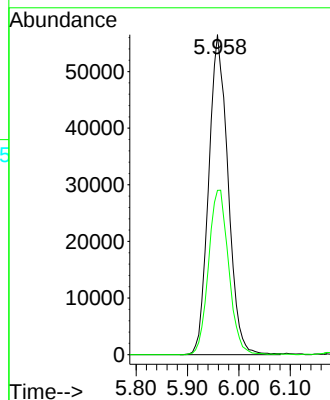
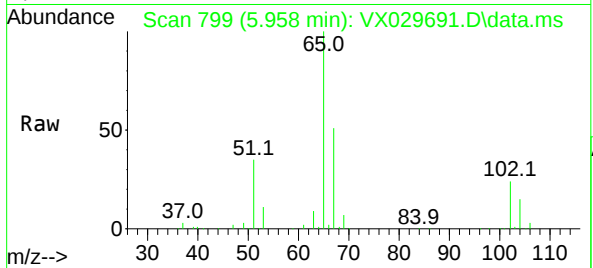




#33
 1,2-Dichloroethane-d4
 Concen: 42.452 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029691.D
 Acq: 22 Jun 2022 12:07

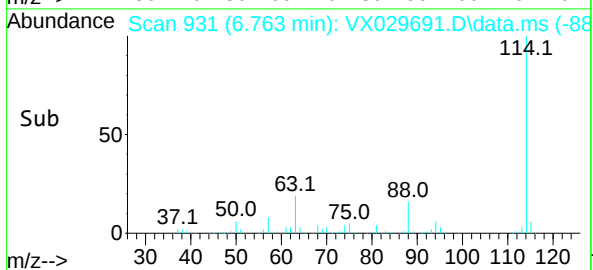
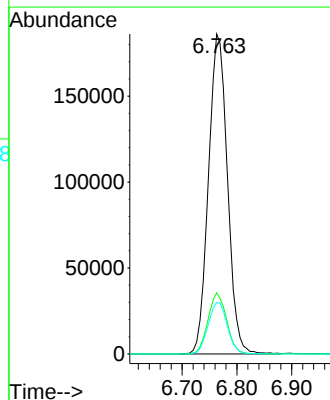
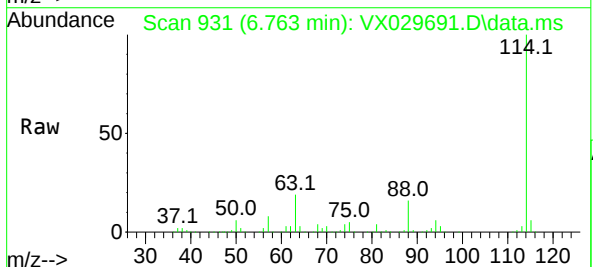
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6S

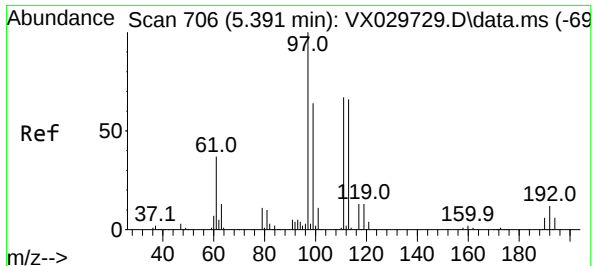
Tgt Ion: 65 Resp: 147791
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029691.D
 Acq: 22 Jun 2022 12:07

Tgt Ion: 114 Resp: 446820
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.8
 88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.369 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029691.D

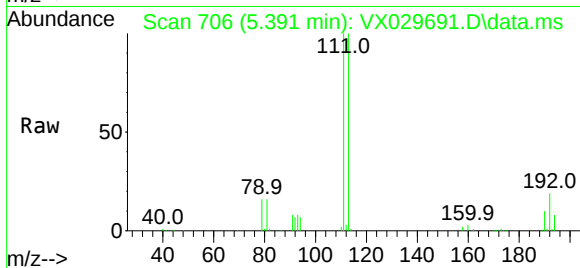
Acq: 22 Jun 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

MW-6S



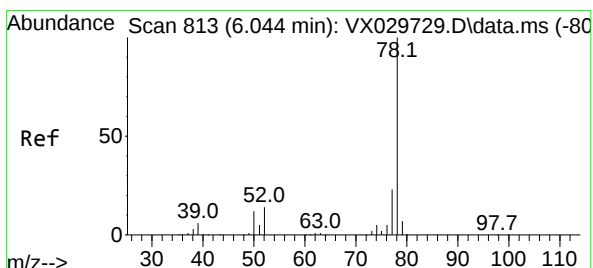
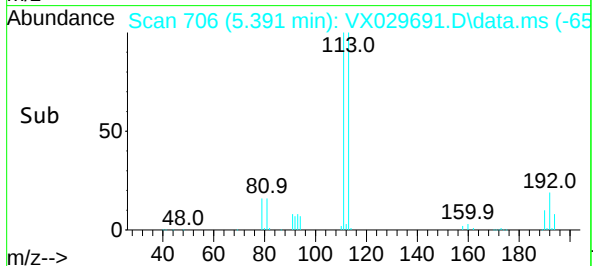
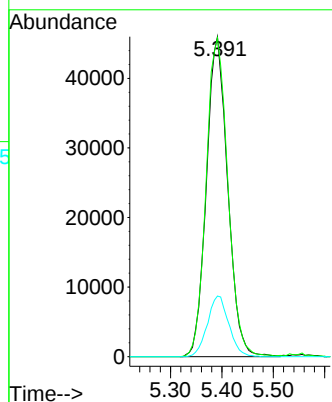
Tgt Ion:113 Resp: 132109

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 19.1 16.9 25.3



#40

Benzene

Concen: 0.655 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX029691.D

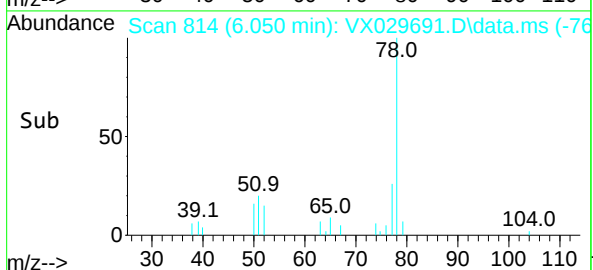
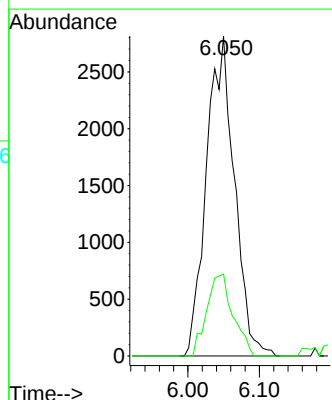
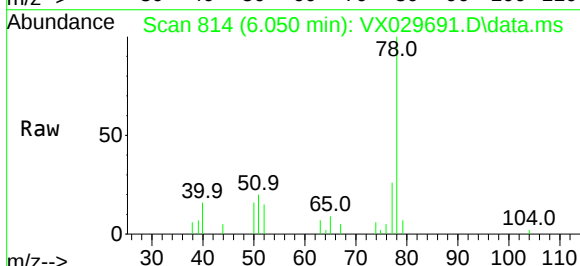
Acq: 22 Jun 2022 12:07

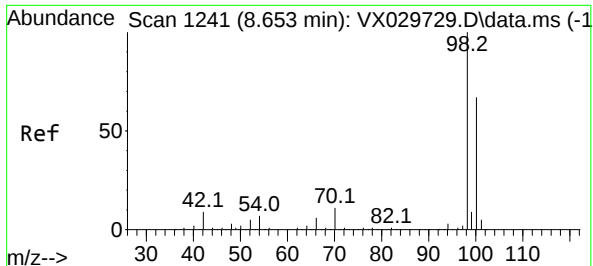
Tgt Ion: 78 Resp: 7646

Ion Ratio Lower Upper

78 100

77 25.6 19.3 28.9





#50

Toluene-d8

Concen: 47.740 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029691.D

Acq: 22 Jun 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

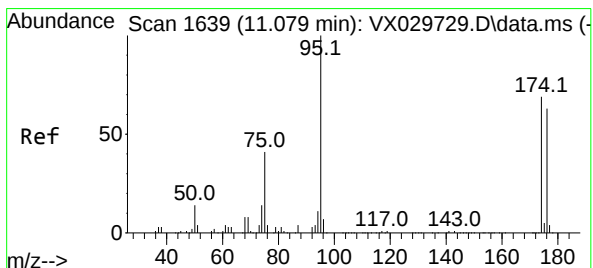
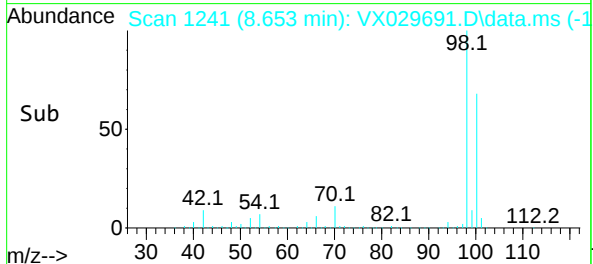
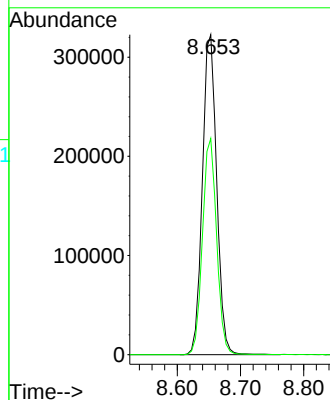
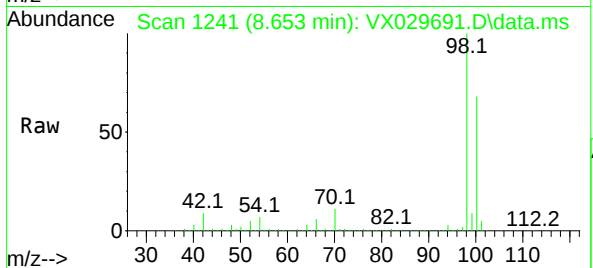
MW-6S

Tgt Ion: 98 Resp: 507842

Ion Ratio Lower Upper

98 100

100 67.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.874 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029691.D

Acq: 22 Jun 2022 12:07

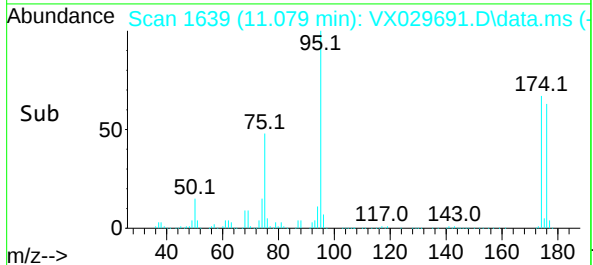
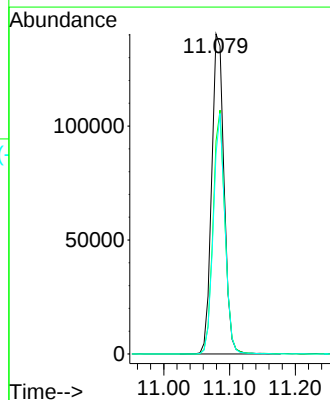
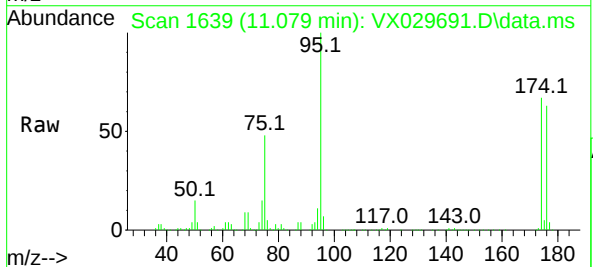
Tgt Ion: 95 Resp: 184025

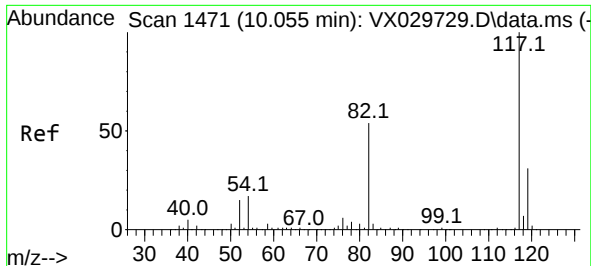
Ion Ratio Lower Upper

95 100

174 72.7 0.0 163.0

176 70.8 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: VX029691.D

Acq: 22 Jun 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

MW-6S

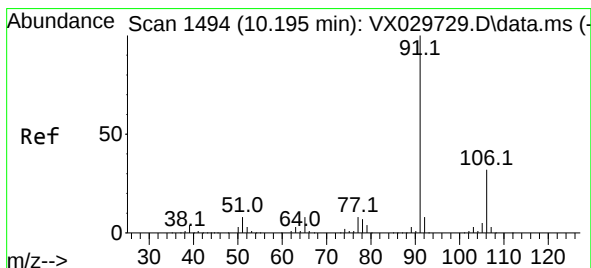
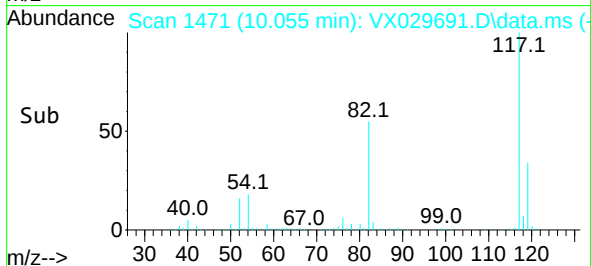
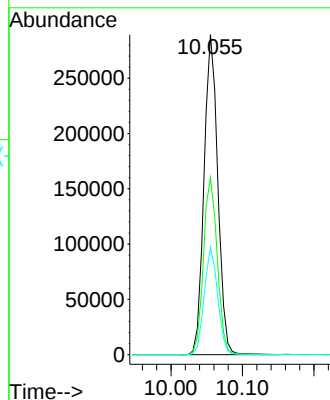
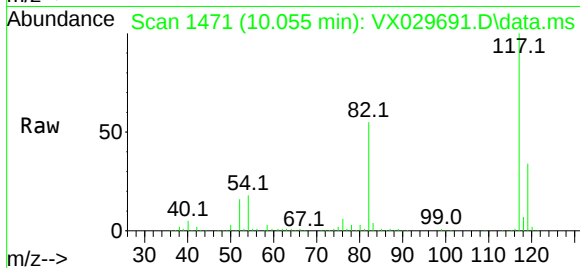
Tgt Ion:117 Resp: 387665

Ion Ratio Lower Upper

117 100

82 55.4 41.8 62.8

119 33.6 24.8 37.2



#67

Ethyl Benzene

Concen: 0.517 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029691.D

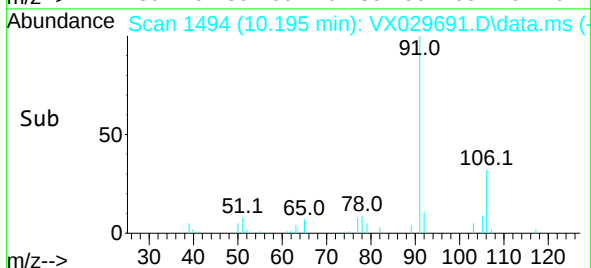
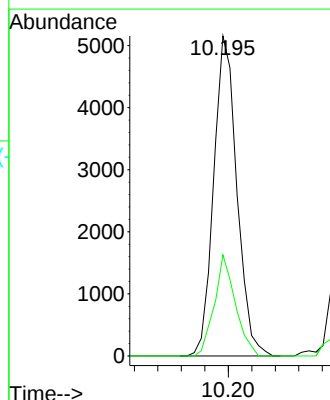
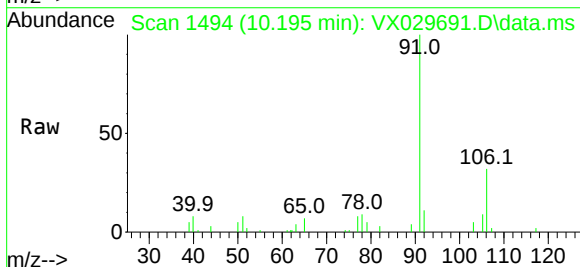
Acq: 22 Jun 2022 12:07

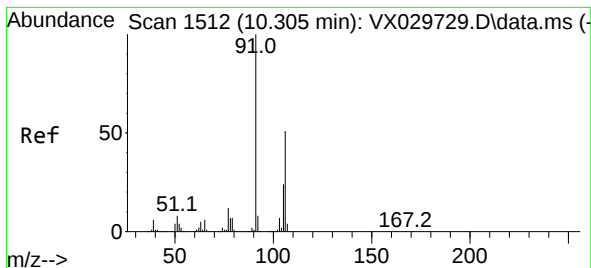
Tgt Ion: 91 Resp: 7068

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8

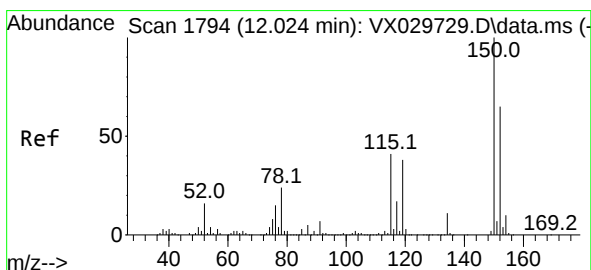
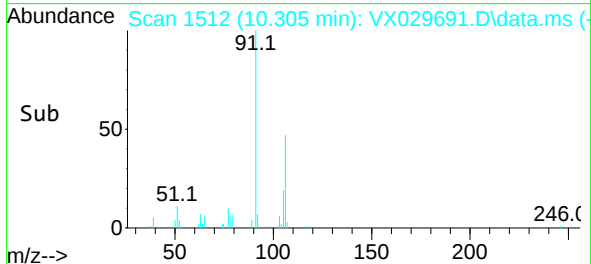
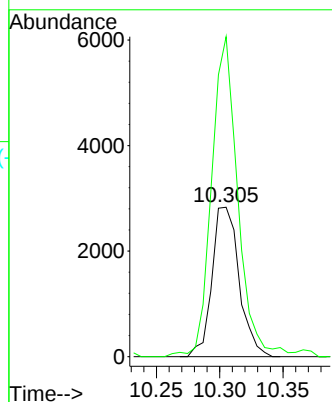
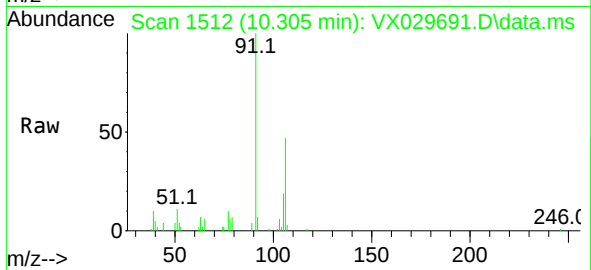




#68
m/p-Xylenes
Concen: 0.792 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029691.D
Acq: 22 Jun 2022 12:07

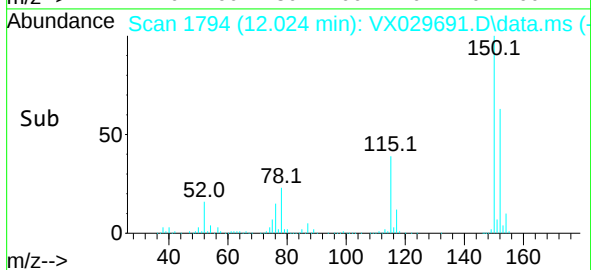
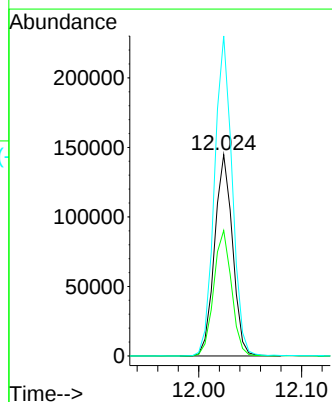
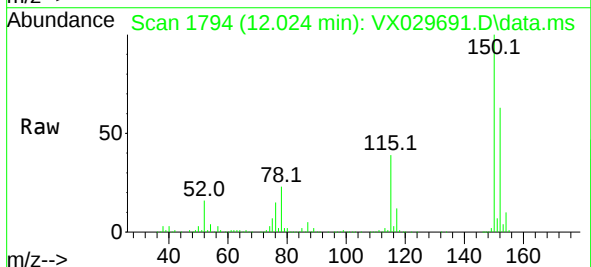
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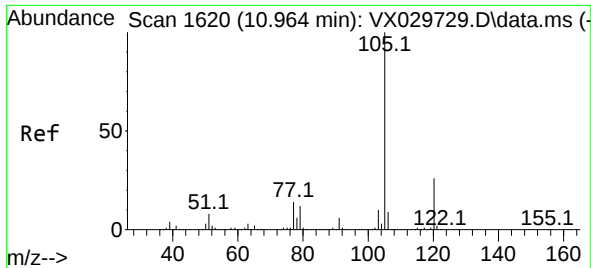
Tgt Ion:106 Resp: 4228
Ion Ratio Lower Upper
106 100
91 206.9 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029691.D
Acq: 22 Jun 2022 12:07

Tgt Ion:152 Resp: 175269
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 157.5 0.0 338.2

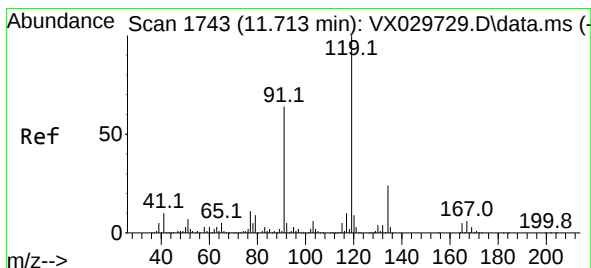
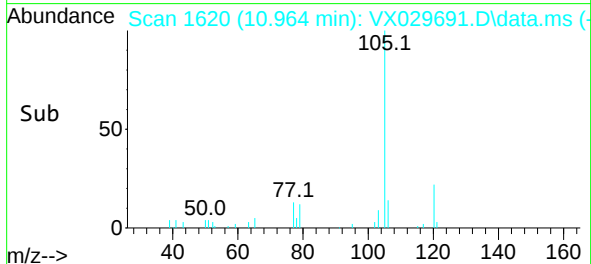
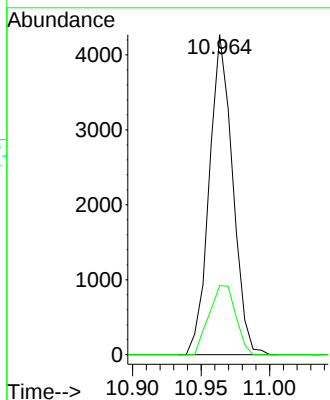
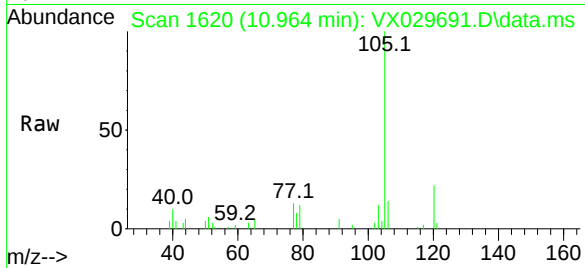




#73
Isopropylbenzene
Concen: 0.385 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029691.D
Acq: 22 Jun 2022 12:07

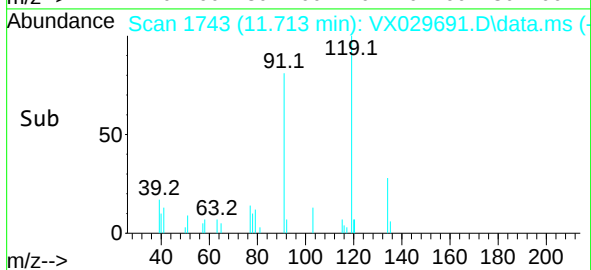
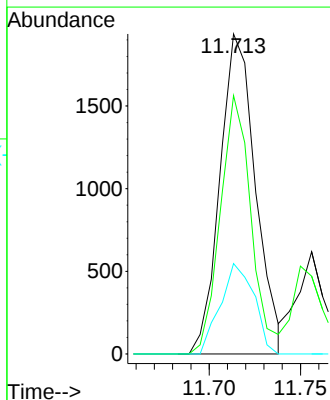
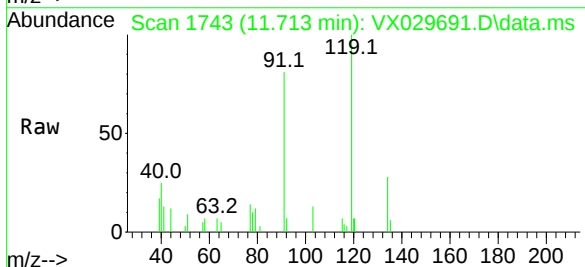
Instrument :
MSVOA_X
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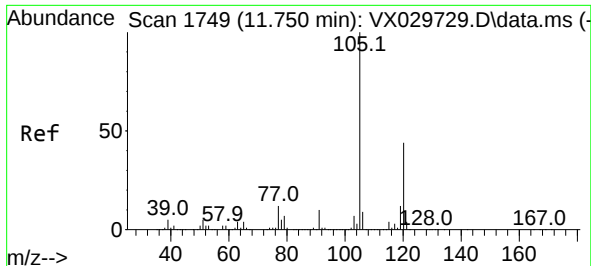
Tgt Ion:105 Resp: 5056
Ion Ratio Lower Upper
105 100
120 24.6 13.5 40.5



#83
tert-Butylbenzene
Concen: 0.243 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX029691.D
Acq: 22 Jun 2022 12:07

Tgt Ion:119 Resp: 2623
Ion Ratio Lower Upper
119 100
91 70.0 26.9 80.6
134 26.7 11.4 34.2

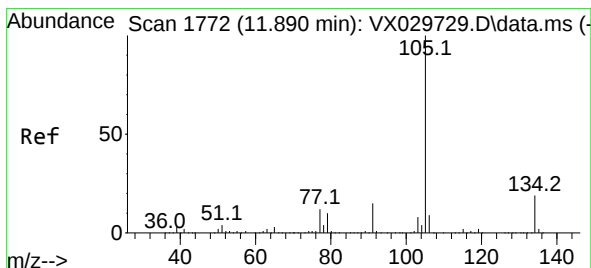
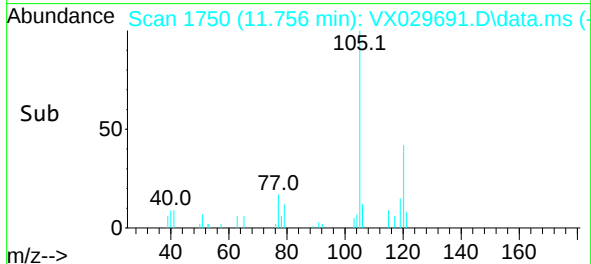
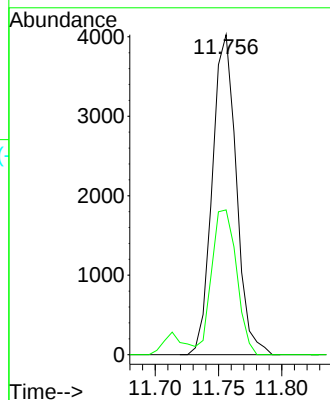
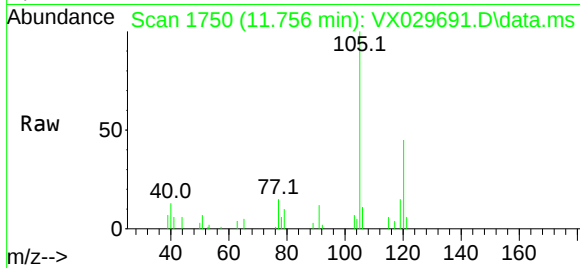




#84
1,2,4-Trimethylbenzene
Concen: 0.481 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029691.D
Acq: 22 Jun 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
MW-6S

Tgt Ion:105 Resp: 5312
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.322 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029691.D
Acq: 22 Jun 2022 12:07

Tgt Ion:105 Resp: 4309
Ion Ratio Lower Upper
105 100
134 27.1 10.2 30.4

