

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031774.D
 Acq On : 29 Sep 2022 15:32
 Operator : JC/MD
 Sample : N4860-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

Quant Time: Sep 30 04:33:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

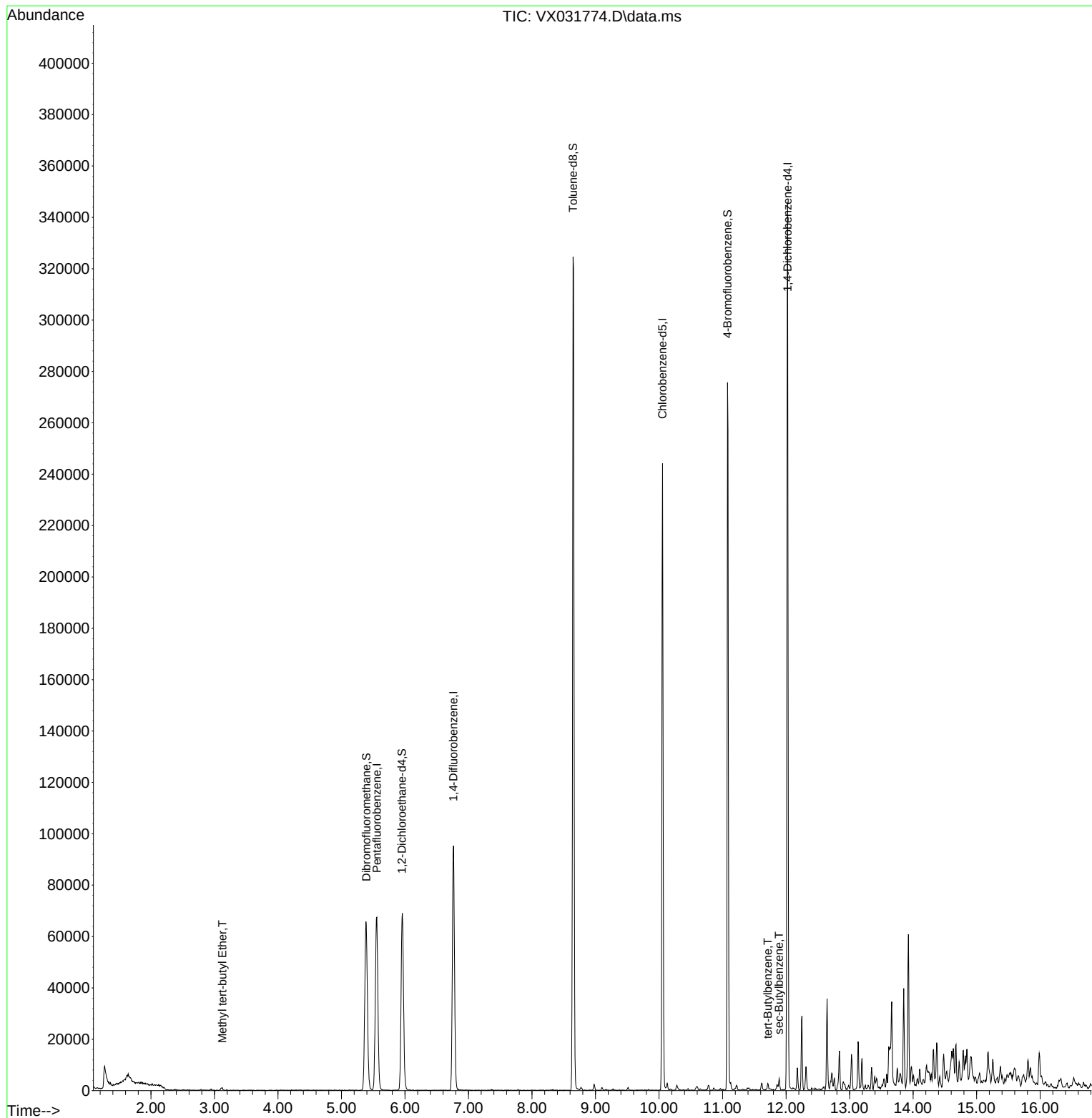
Internal Standards						
1) Pentafluorobenzene	5.556	168	64651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	101164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67179	48.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.920%
35) Dibromofluoromethane	5.391	113	56237	46.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.647	98	199502	45.652	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.300%
62) 4-Bromofluorobenzene	11.079	95	70763	44.180	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.360%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.123	73	1258	0.412	ug/l #	84
83) tert-Butylbenzene	11.713	119	1121	0.297	ug/l	88
85) sec-Butylbenzene	11.890	105	2259	0.471	ug/l #	77

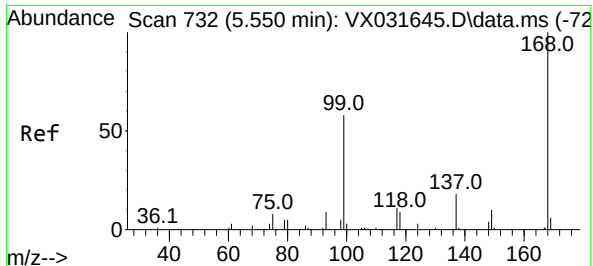
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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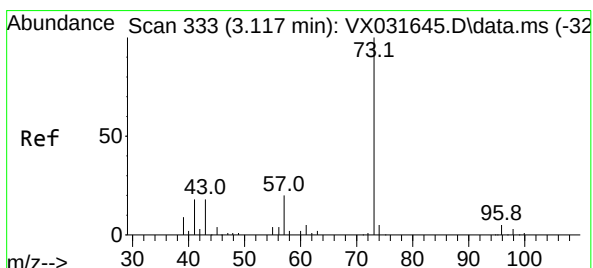
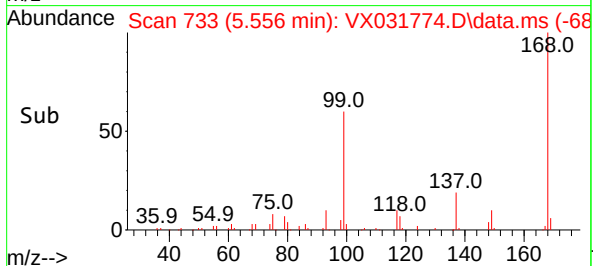
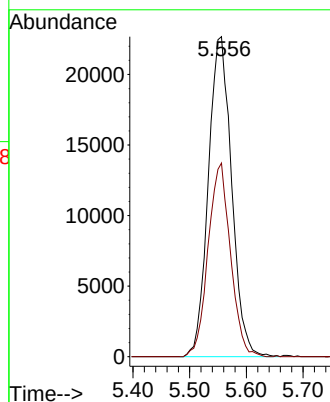
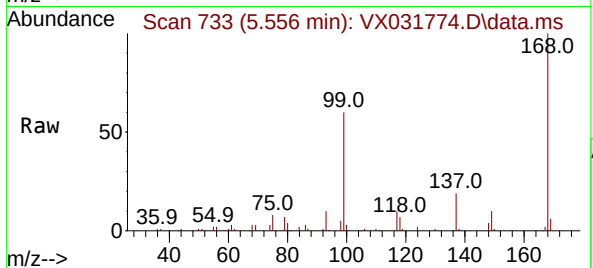




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031774.D
Acq: 29 Sep 2022 15:32

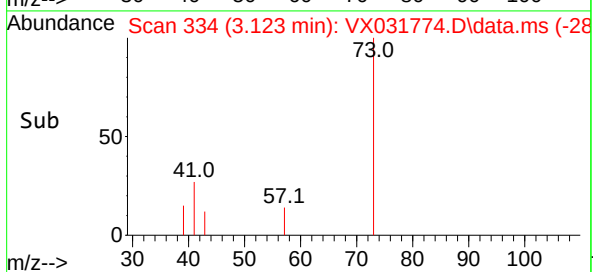
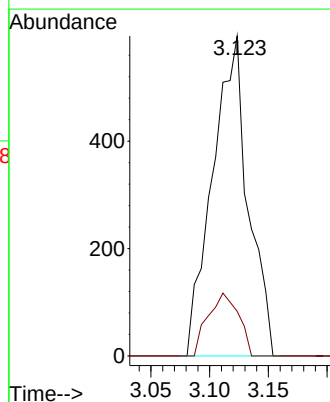
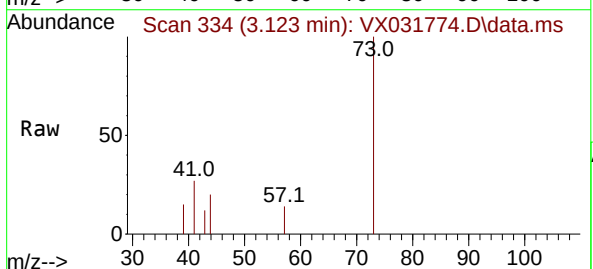
Instrument :
MSVOA_X
ClientSampleId :
MW-05

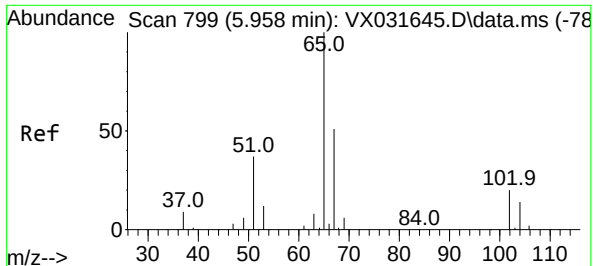
Tgt Ion:168 Resp: 64651
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.412 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX031774.D
Acq: 29 Sep 2022 15:32

Tgt Ion: 73 Resp: 1258
Ion Ratio Lower Upper
73 100
57 13.9 17.2 25.8#





#33

1,2-Dichloroethane-d4

Concen: 48.959 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031774.D

Acq: 29 Sep 2022 15:32

Instrument :

MSVOA_X

ClientSampleId :

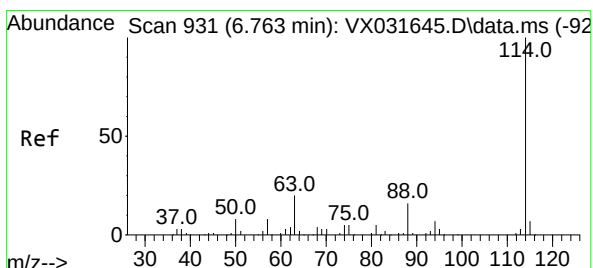
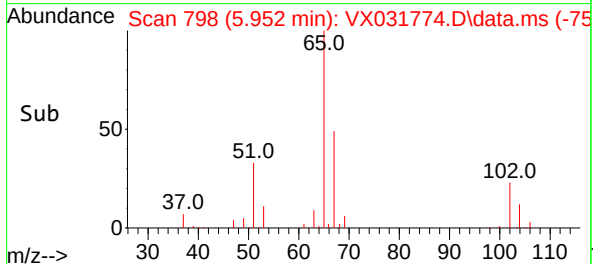
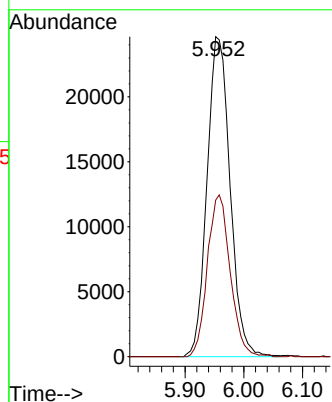
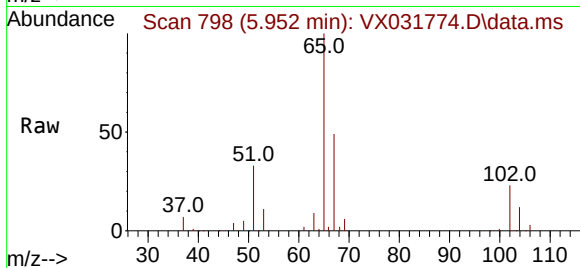
MW-05

Tgt Ion: 65 Resp: 67179

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031774.D

Acq: 29 Sep 2022 15:32

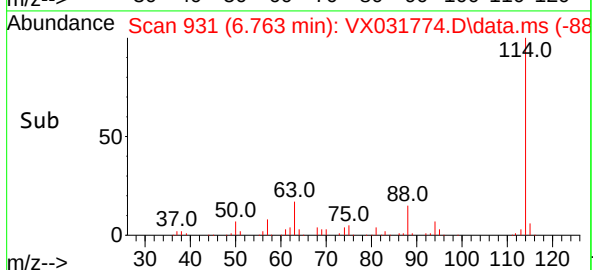
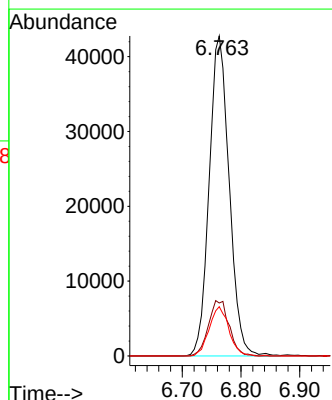
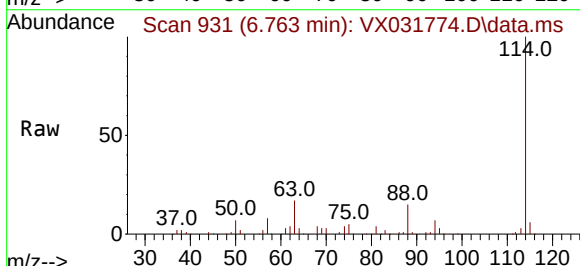
Tgt Ion: 114 Resp: 101164

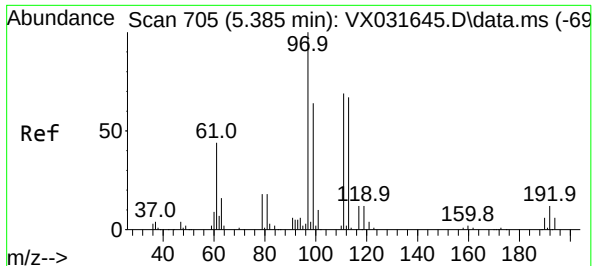
Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.6

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 46.655 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031774.D

Acq: 29 Sep 2022 15:32

Instrument :

MSVOA_X

ClientSampleId :

MW-05

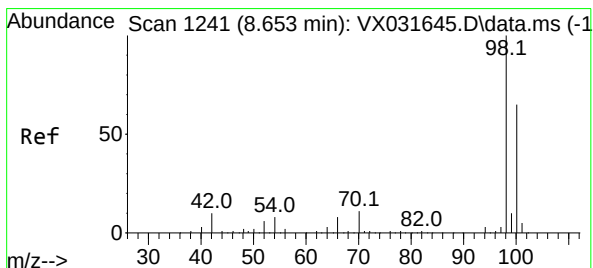
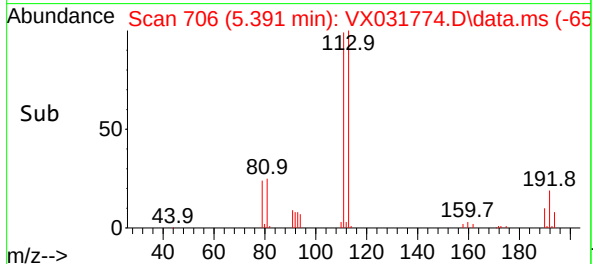
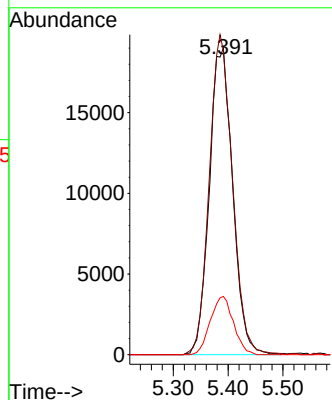
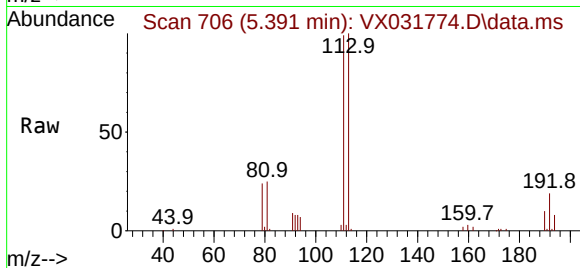
Tgt Ion:113 Resp: 56237

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 18.8 14.1 21.1



#50

Toluene-d8

Concen: 45.652 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031774.D

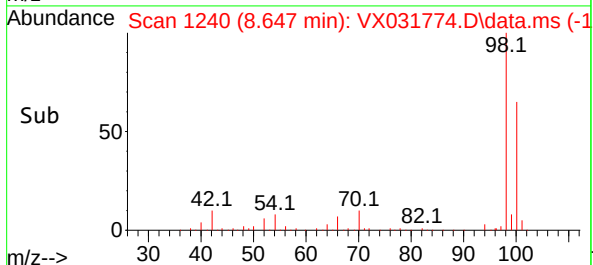
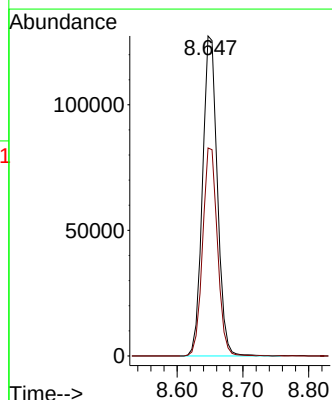
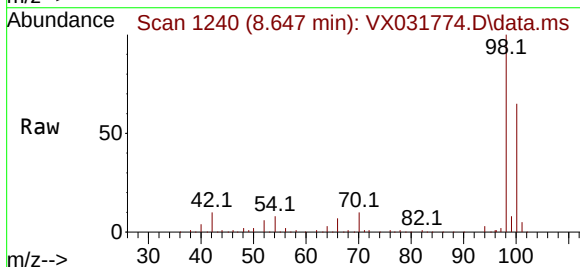
Acq: 29 Sep 2022 15:32

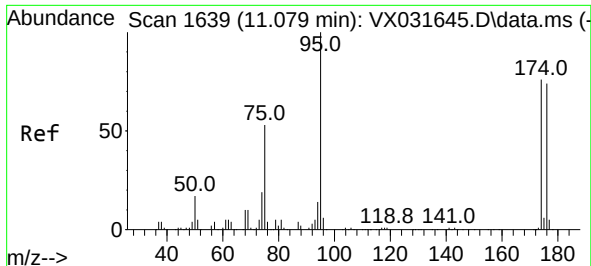
Tgt Ion: 98 Resp: 199502

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 44.180 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031774.D

Acq: 29 Sep 2022 15:32

Instrument :

MSVOA_X

ClientSampleId :

MW-05

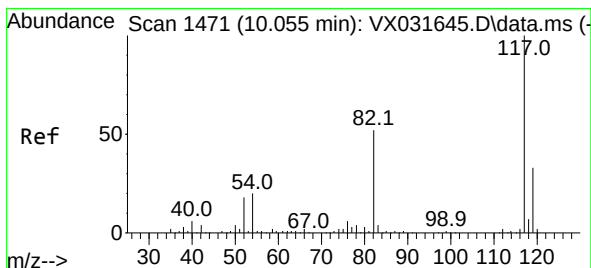
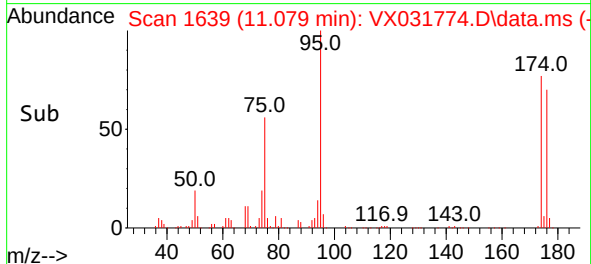
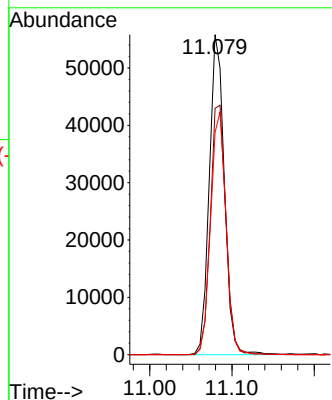
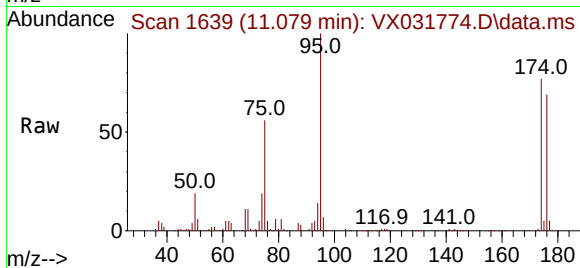
Tgt Ion: 95 Resp: 70763

Ion Ratio Lower Upper

95 100

174 81.1 0.0 153.2

176 77.7 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031774.D

Acq: 29 Sep 2022 15:32

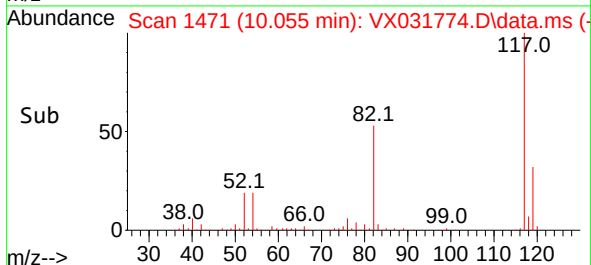
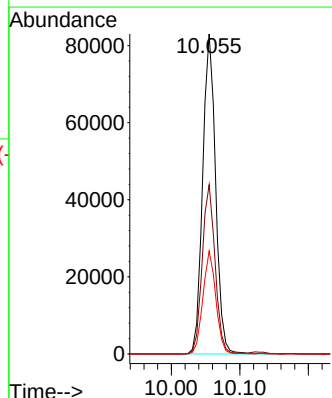
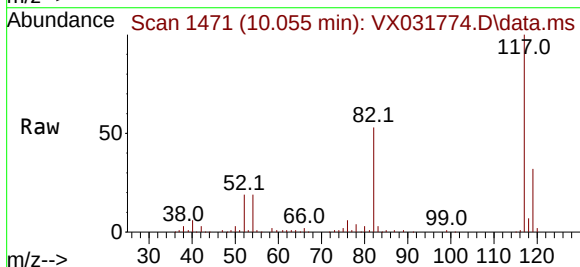
Tgt Ion: 117 Resp: 109379

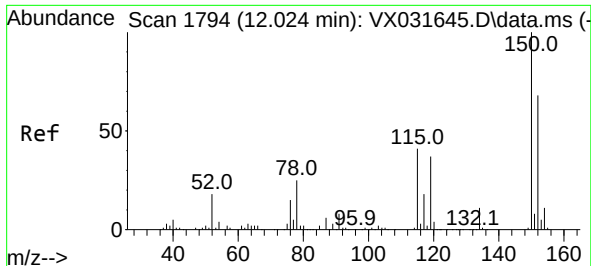
Ion Ratio Lower Upper

117 100

82 52.9 46.8 70.2

119 32.2 26.4 39.6

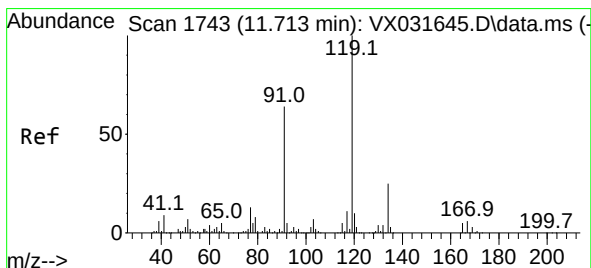
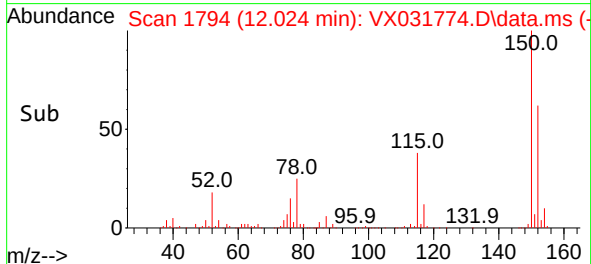
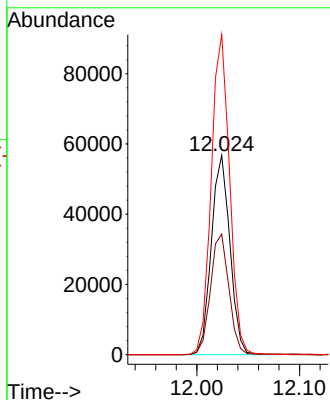
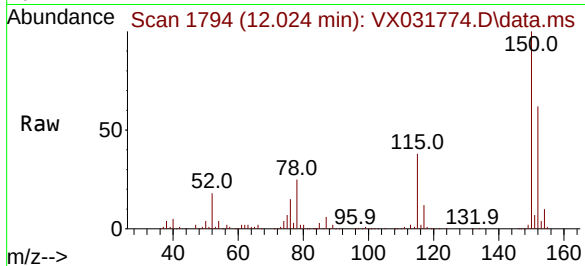




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031774.D
Acq: 29 Sep 2022 15:32

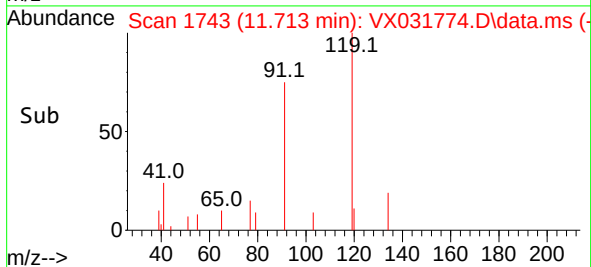
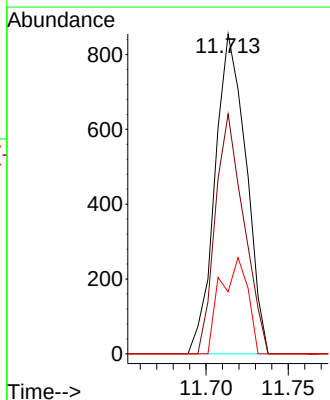
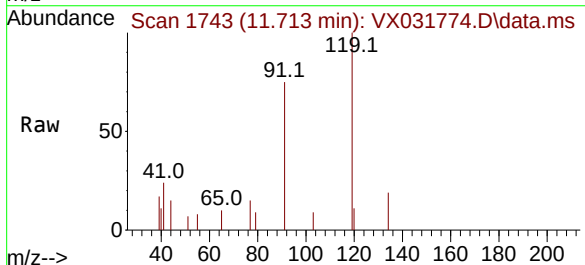
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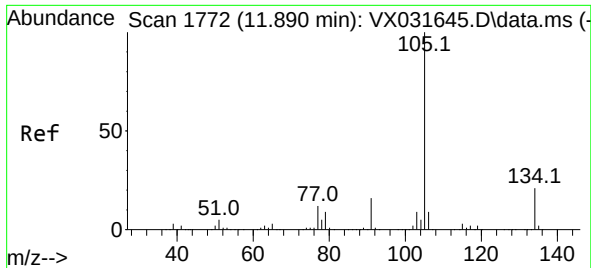
Tgt Ion:152 Resp: 71321
Ion Ratio Lower Upper
152 100
115 60.5 43.4 130.1
150 158.8 0.0 346.8



#83
tert-Butylbenzene
Concen: 0.297 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031774.D
Acq: 29 Sep 2022 15:32

Tgt Ion:119 Resp: 1121
Ion Ratio Lower Upper
119 100
91 68.8 29.2 87.6
134 26.1 11.6 34.8





#85

sec-Butylbenzene

Concen: 0.471 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031774.D

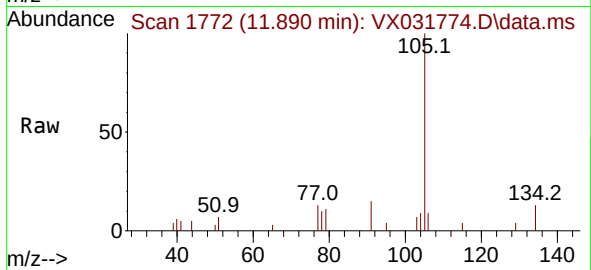
Acq: 29 Sep 2022 15:32

Instrument :

MSVOA_X

ClientSampleId :

MW-05



Tgt Ion:105 Resp: 2259

Ion Ratio Lower Upper

105 100

134 31.3 10.4 31.1#

