

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031986.D
 Acq On : 08 Oct 2022 02:19
 Operator : JC/MD
 Sample : N4937-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-116D

Quant Time: Oct 08 06:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

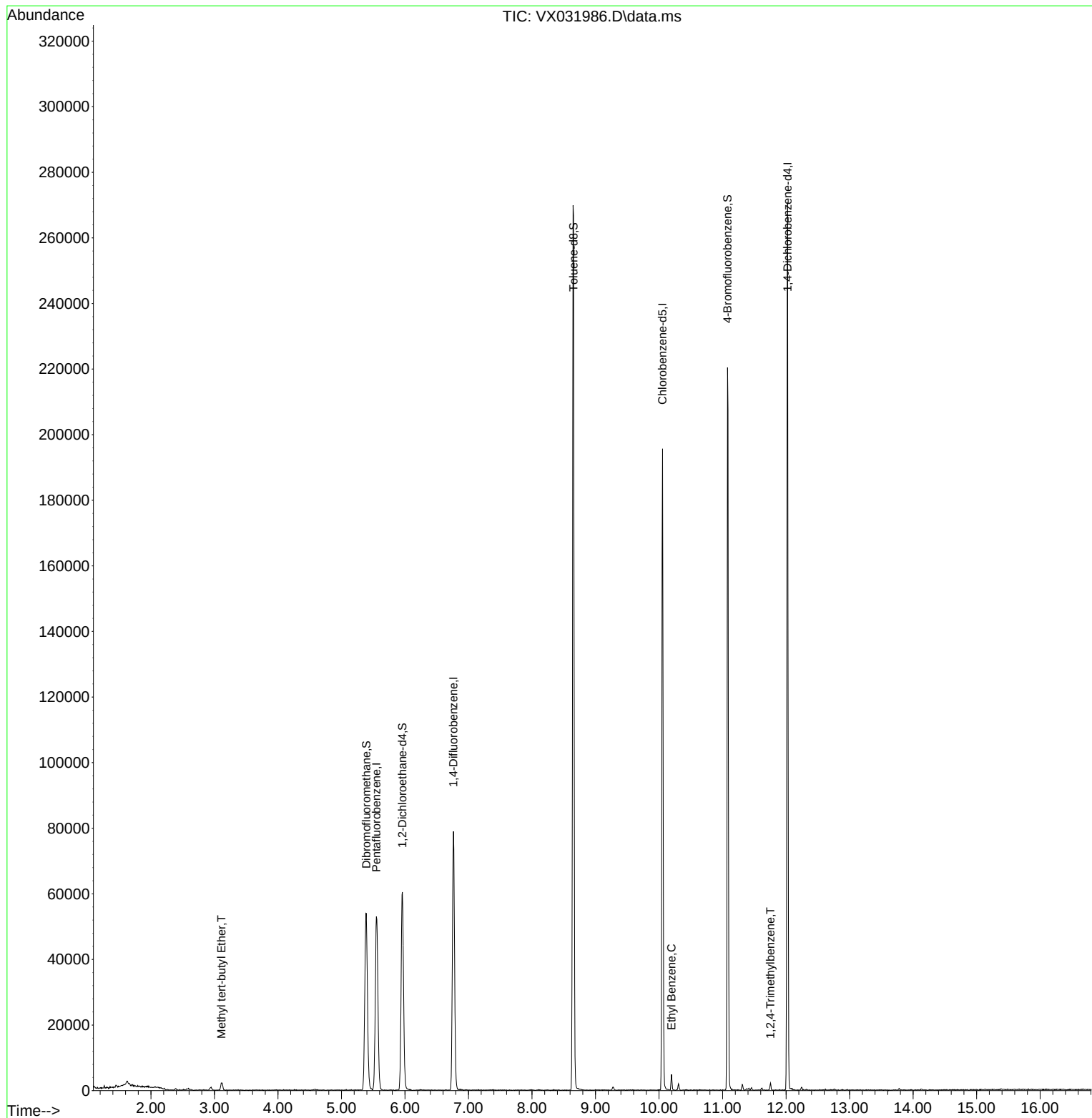
Internal Standards						
1) Pentafluorobenzene	5.550	168	51092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	82116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	87653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57151	54.163	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.320%		
35) Dibromofluoromethane	5.391	113	46538	50.067	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.140%		
50) Toluene-d8	8.653	98	165465	49.471	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.940%		
62) 4-Bromofluorobenzene	11.079	95	56704	47.955	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.920%		
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.111	73	2513	0.962	ug/l #	88
67) Ethyl Benzene	10.195	91	2716	0.604	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	1179	0.343	ug/l	99

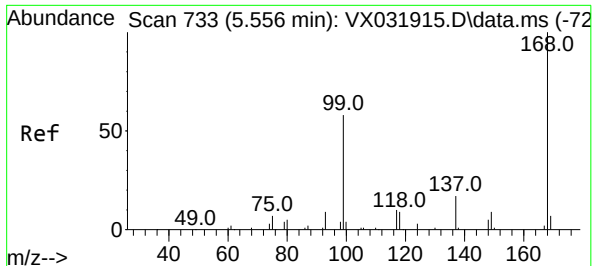
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031986.D
Acq: 08 Oct 2022 02:19

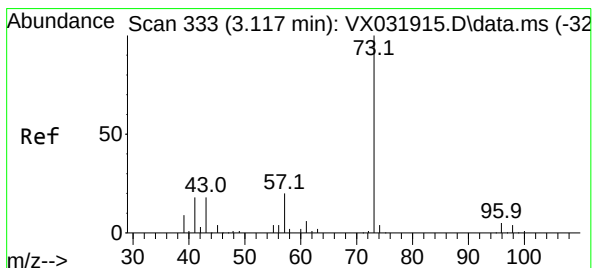
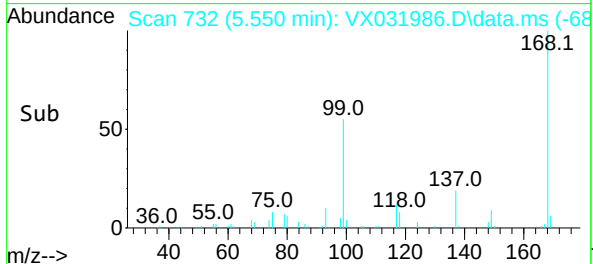
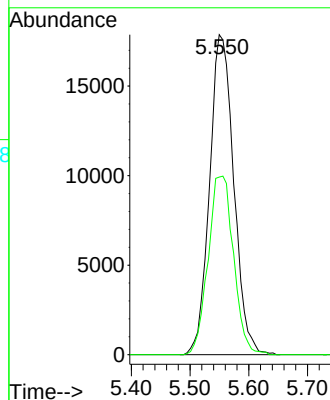
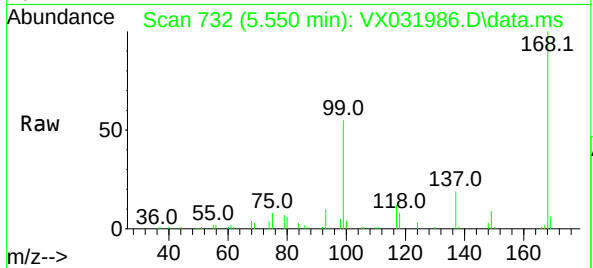
Instrument :

MSVOA_X

ClientSampleId :

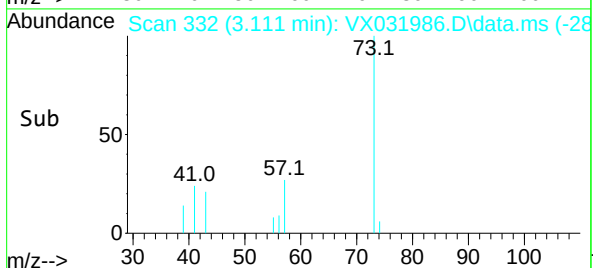
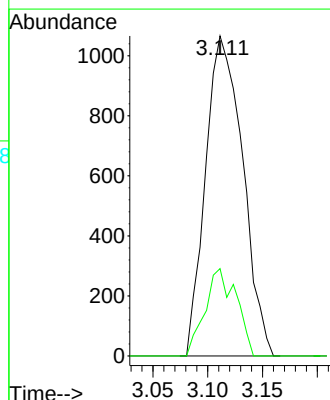
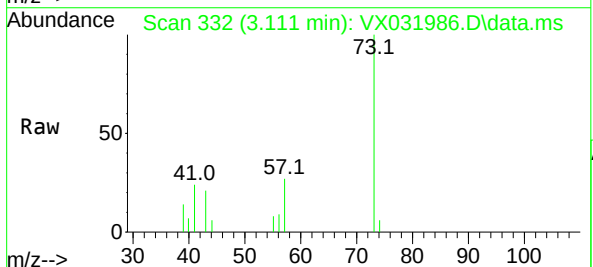
MW-116D

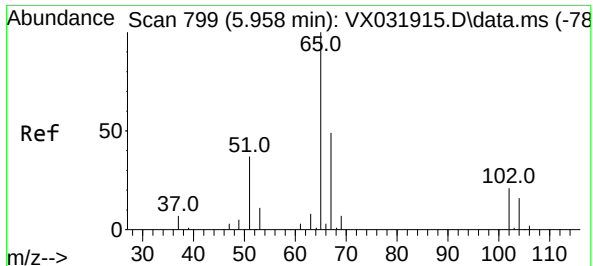
Tgt Ion:168 Resp: 51092
Ion Ratio Lower Upper
168 100
99 55.5 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.962 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031986.D
Acq: 08 Oct 2022 02:19

Tgt Ion: 73 Resp: 2513
Ion Ratio Lower Upper
73 100
57 27.3 17.2 25.8#





#33

1,2-Dichloroethane-d4

Concen: 54.163 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031986.D

Acq: 08 Oct 2022 02:19

Instrument :

MSVOA_X

ClientSampleId :

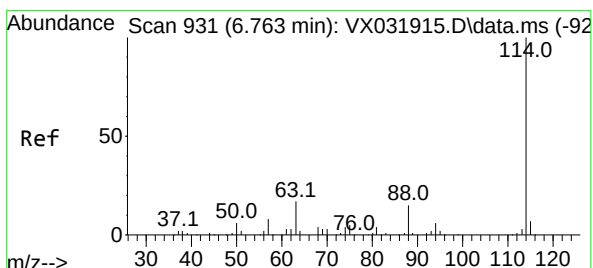
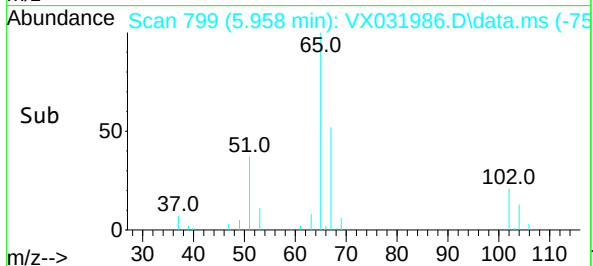
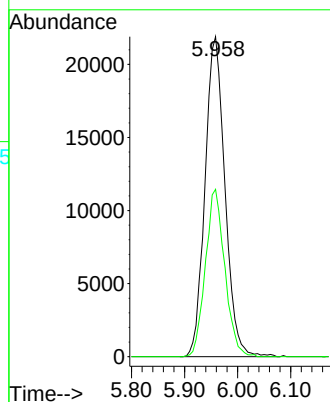
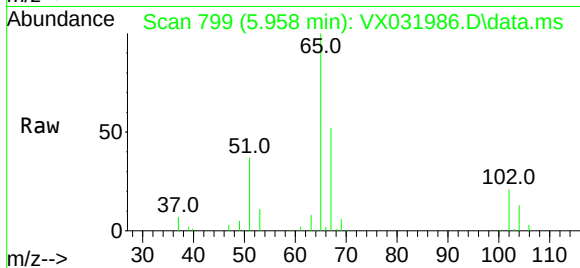
MW-116D

Tgt Ion: 65 Resp: 57151

Ion Ratio Lower Upper

65 100

67 50.9 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: VX031986.D

Acq: 08 Oct 2022 02:19

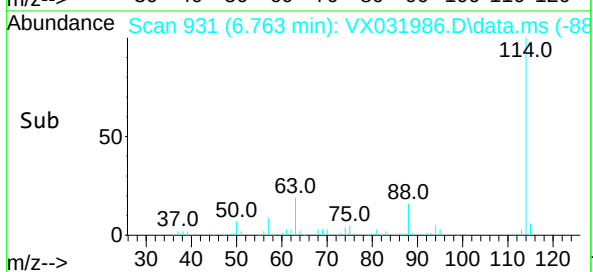
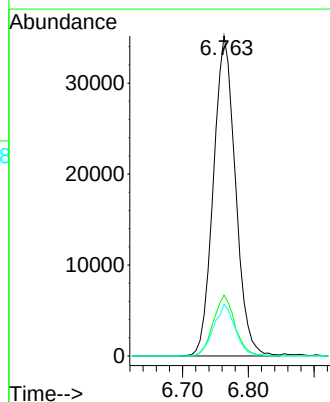
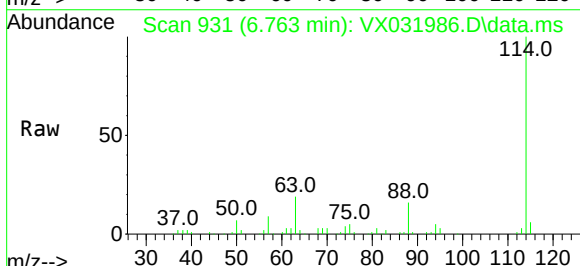
Tgt Ion: 114 Resp: 82116

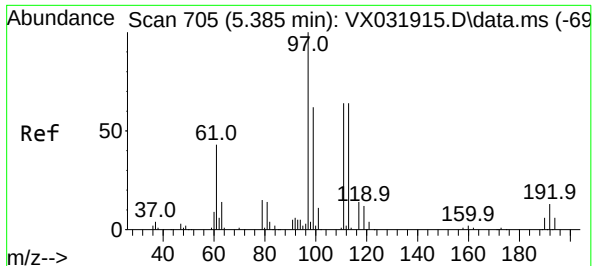
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

88 16.1 0.0 33.0

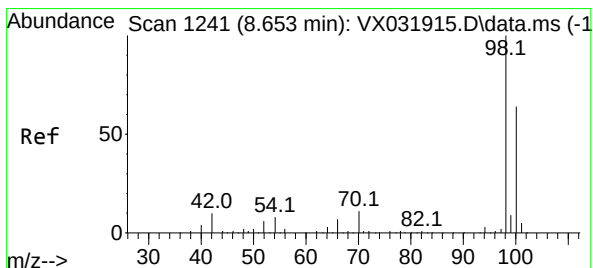
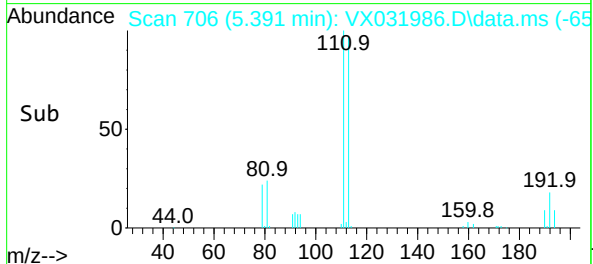
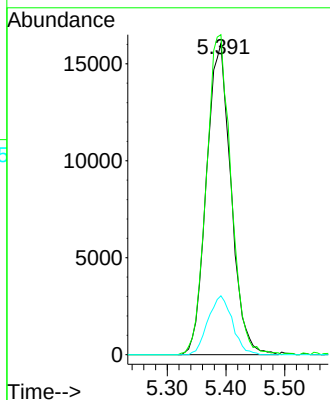
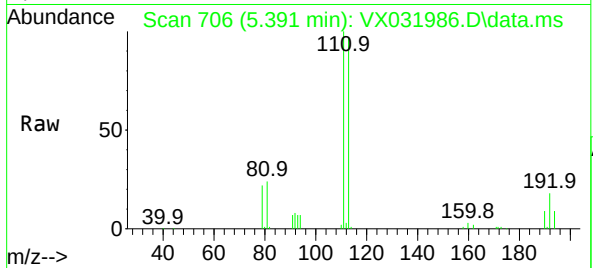




#35
Dibromofluoromethane
Concen: 50.067 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031986.D
Acq: 08 Oct 2022 02:19

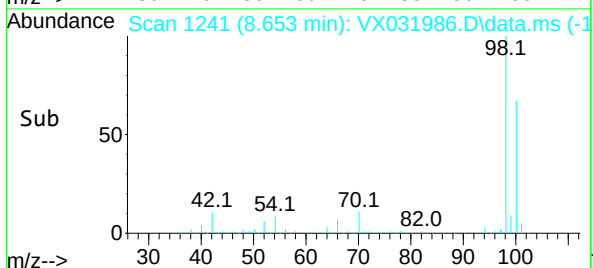
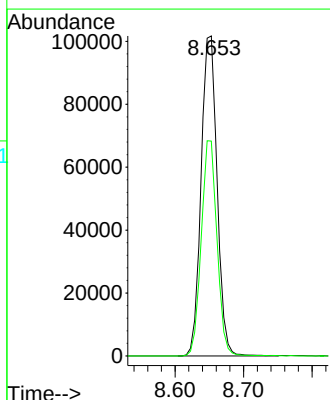
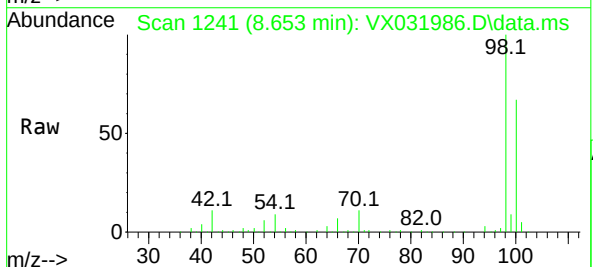
Instrument :
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MW-116D

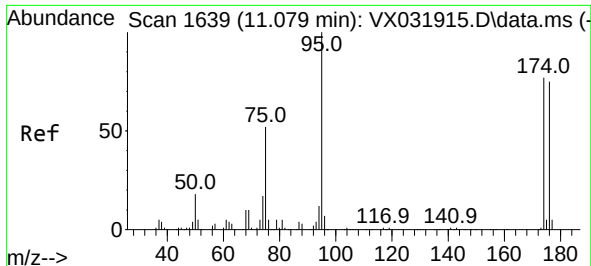
Tgt Ion:113 Resp: 46538
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.8 14.1 21.1



#50
Toluene-d8
Concen: 49.471 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031986.D
Acq: 08 Oct 2022 02:19

Tgt Ion: 98 Resp: 165465
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 47.955 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031986.D

Acq: 08 Oct 2022 02:19

Instrument :

MSVOA_X

ClientSampleId :

MW-116D

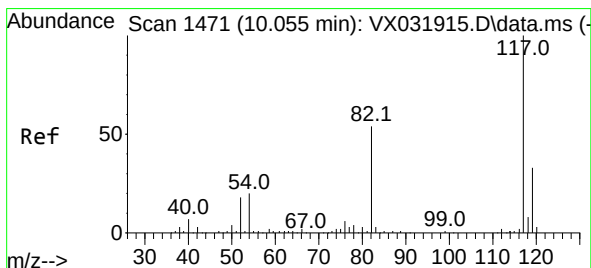
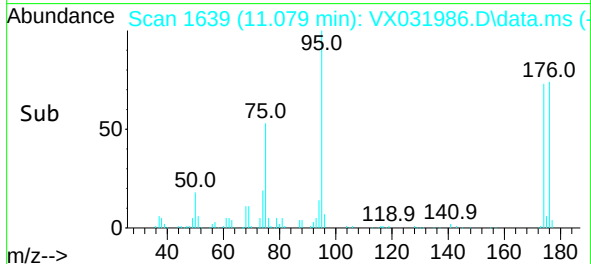
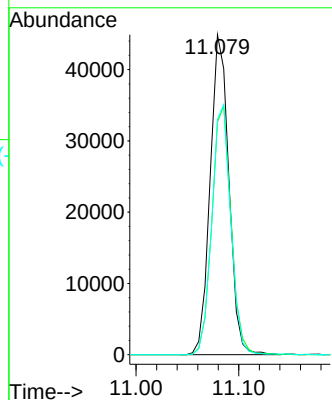
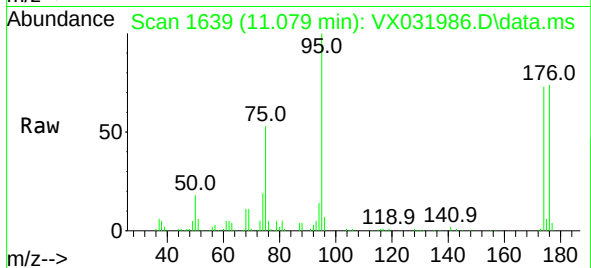
Tgt Ion: 95 Resp: 56704

Ion Ratio Lower Upper

95 100

174 79.7 0.0 153.2

176 79.0 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: VX031986.D

Acq: 08 Oct 2022 02:19

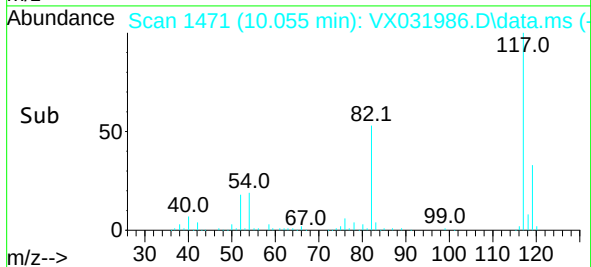
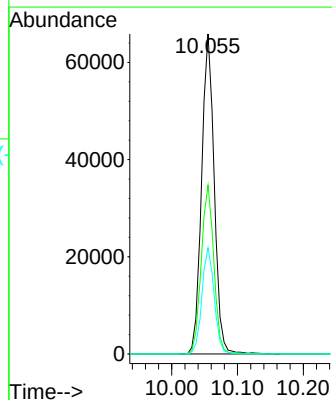
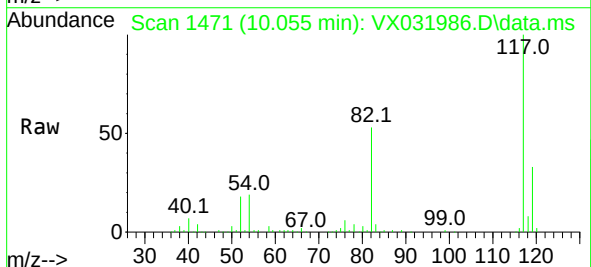
Tgt Ion: 117 Resp: 87653

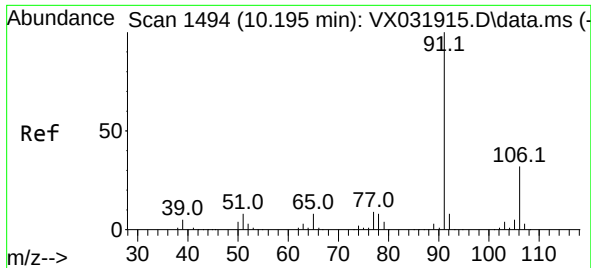
Ion Ratio Lower Upper

117 100

82 52.8 46.8 70.2

119 33.2 26.4 39.6

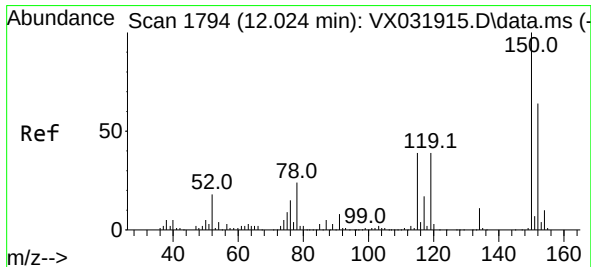
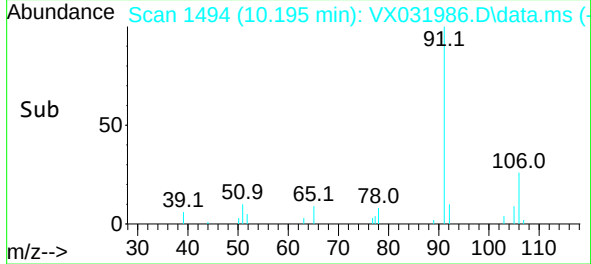
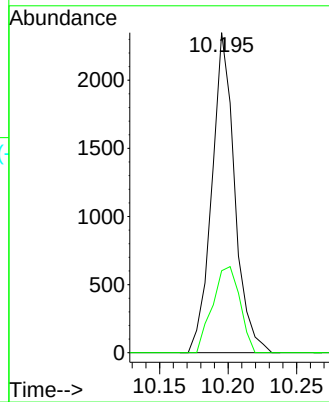
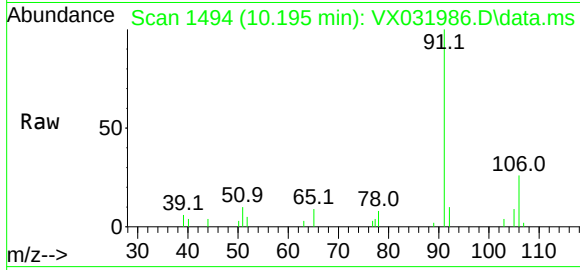




#67
Ethyl Benzene
Concen: 0.604 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031986.D
Acq: 08 Oct 2022 02:19

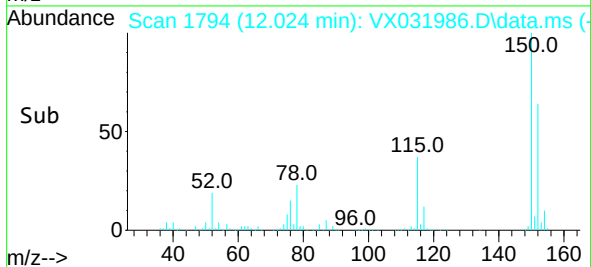
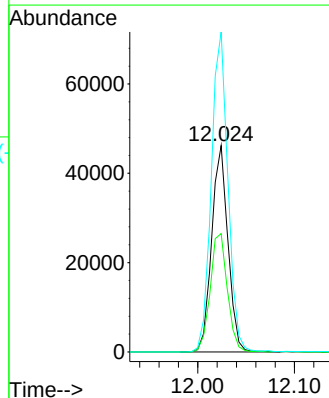
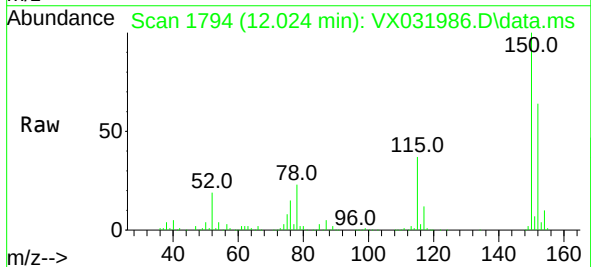
Instrument :
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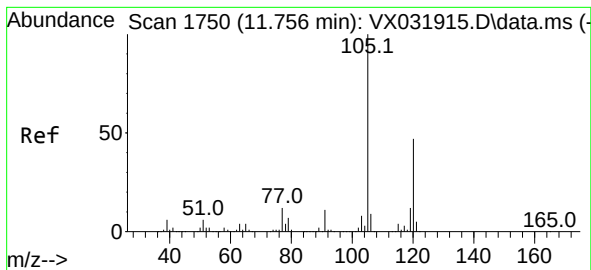
Tgt Ion: 91 Resp: 2716
Ion Ratio Lower Upper
91 100
106 25.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031986.D
Acq: 08 Oct 2022 02:19

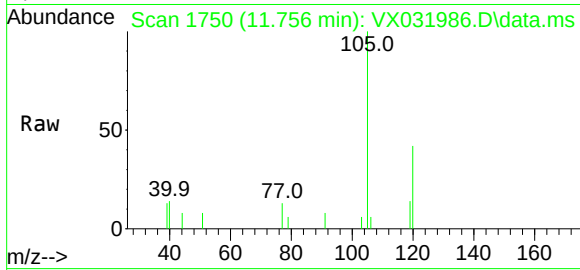
Tgt Ion: 152 Resp: 54020
Ion Ratio Lower Upper
152 100
115 60.6 43.4 130.1
150 158.3 0.0 346.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.343 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031986.D
 Acq: 08 Oct 2022 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-116D



Tgt Ion:105 Resp: 1179
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.6 67.8

