

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031973.D
 Acq On : 07 Oct 2022 19:28
 Operator : JC/MD
 Sample : N4883-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-139

Quant Time: Oct 08 05:16:43 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)

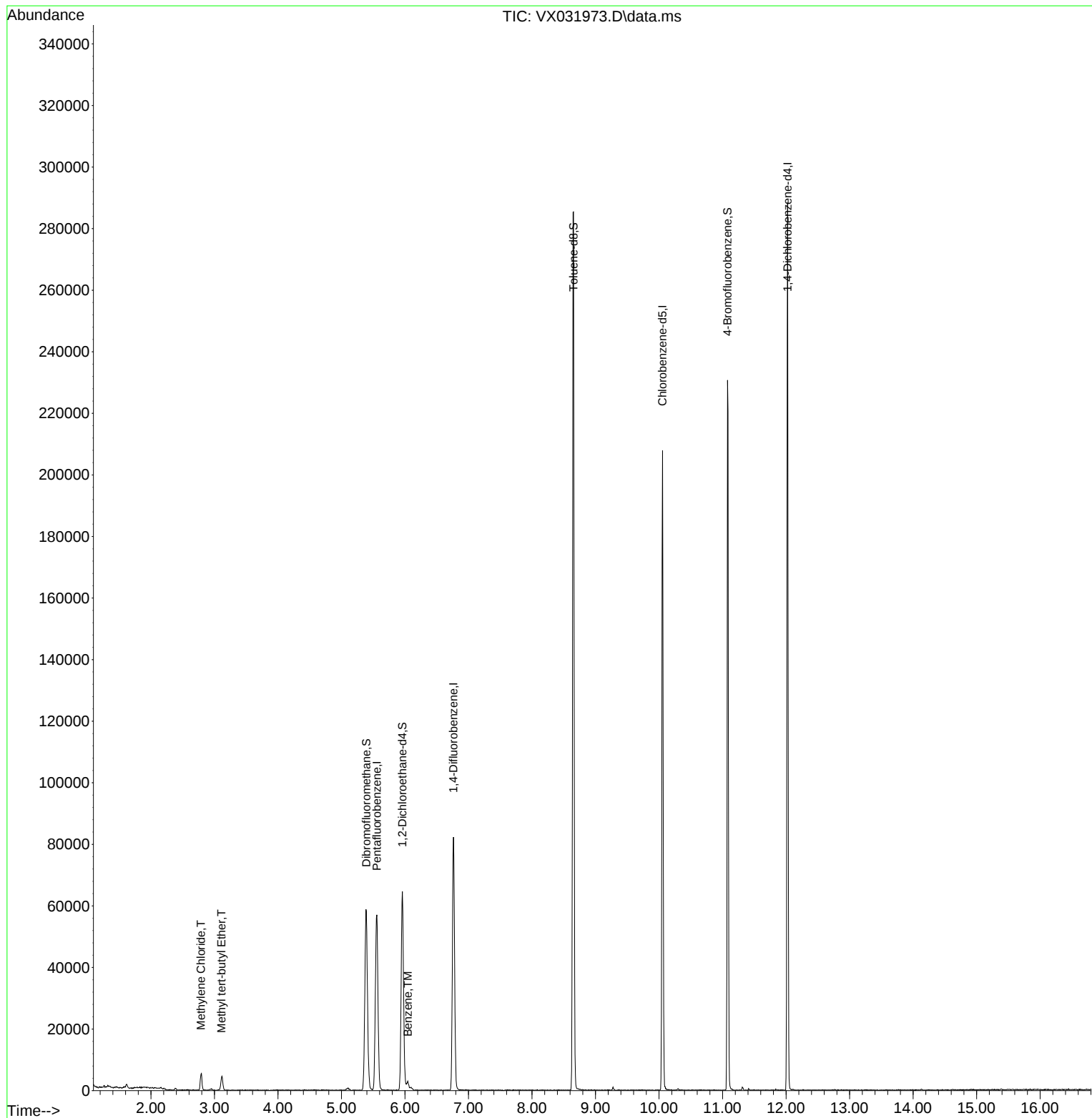
Internal Standards						
1) Pentafluorobenzene	5.556	168	55202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59878	52.523	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.040%	
35) Dibromofluoromethane	5.391	113	49744	50.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.940%	
50) Toluene-d8	8.653	98	176390	49.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	11.079	95	61141	48.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.540%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.111	73	4668	1.654	ug/l	93
20) Methylene Chloride	2.788	84	2561	2.515	ug/l #	83
40) Benzene	6.044	78	2997	0.783	ug/l #	90

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

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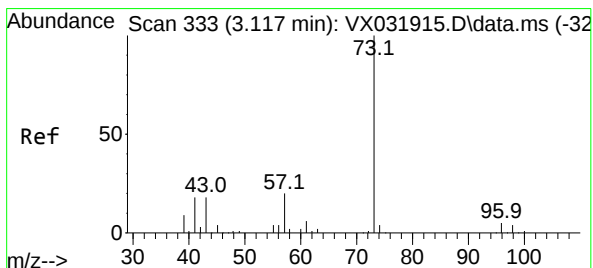
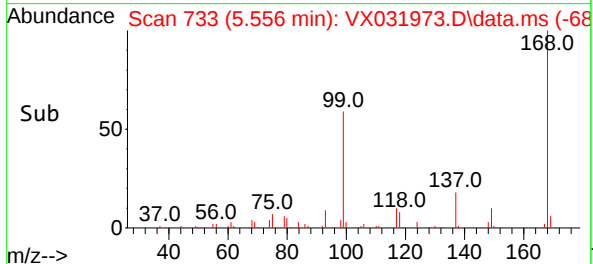
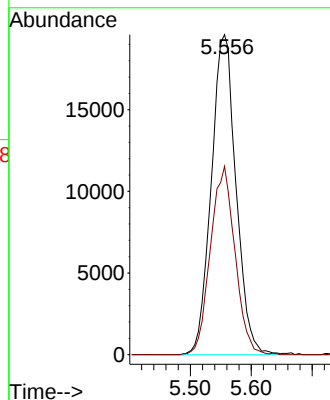
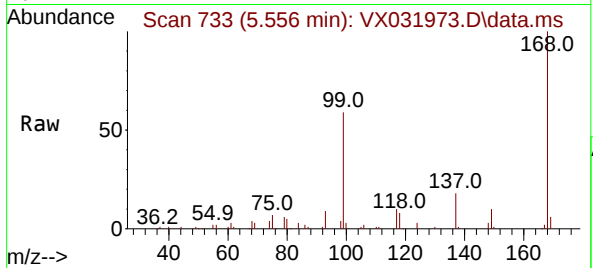




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

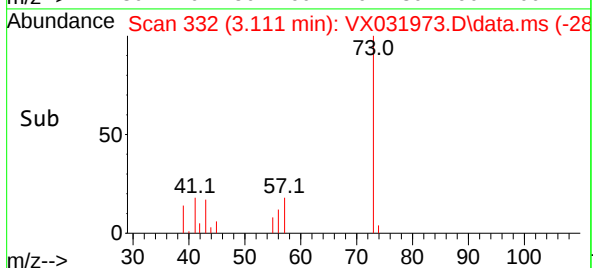
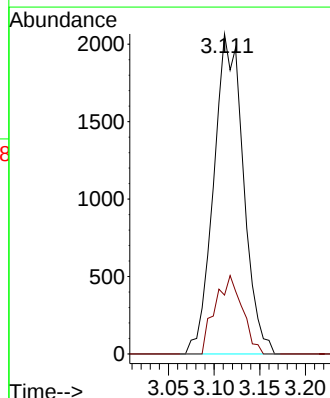
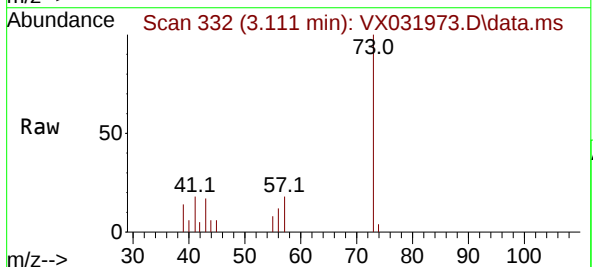
Instrument :
MSVOA_X
ClientSampleId :
MW-139

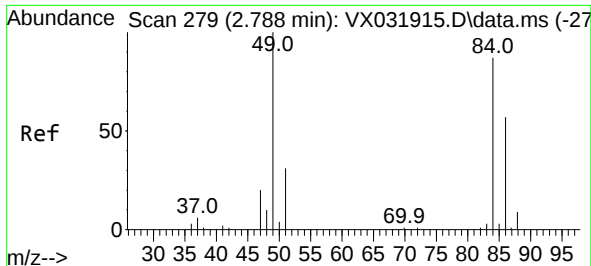
Tgt Ion:168 Resp: 55202
Ion Ratio Lower Upper
168 100
99 58.8 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 1.654 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 73 Resp: 4668
Ion Ratio Lower Upper
73 100
57 18.4 17.2 25.8

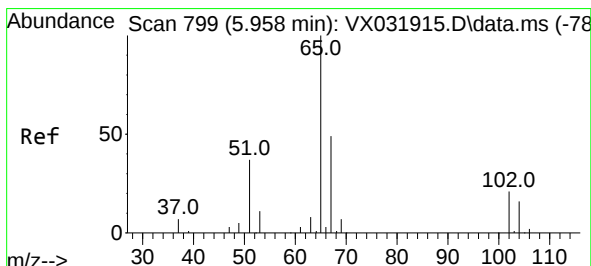
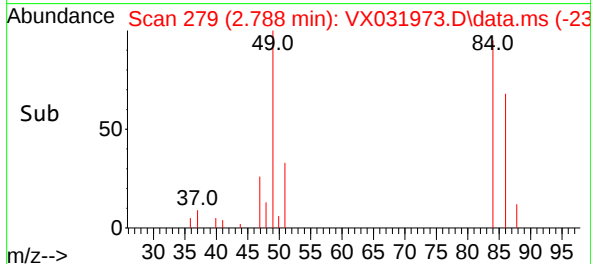
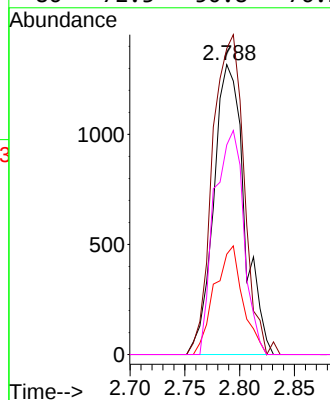
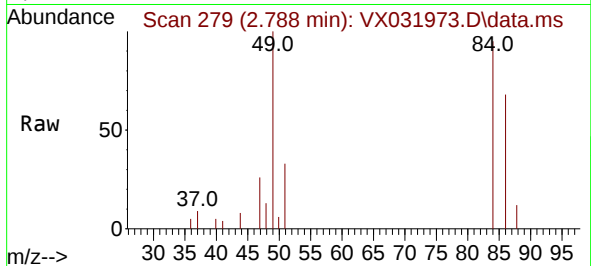




#20
Methylene Chloride
Concen: 2.515 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

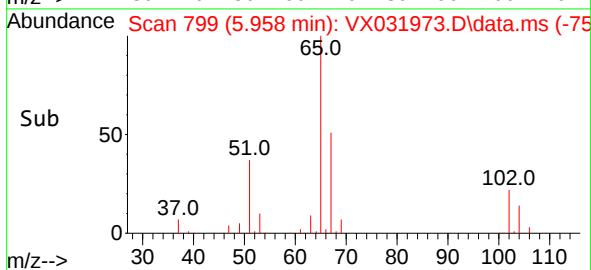
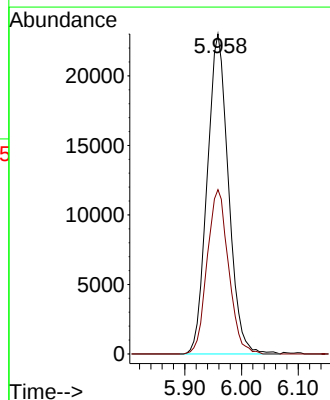
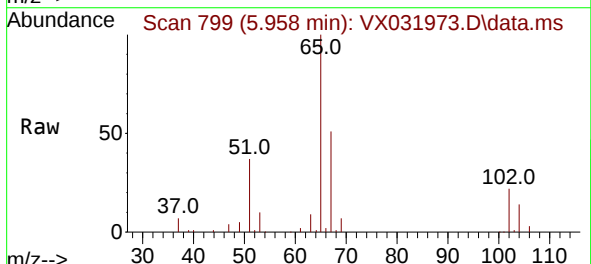
Instrument :
MSVOA_X
ClientSampleId :
MW-139

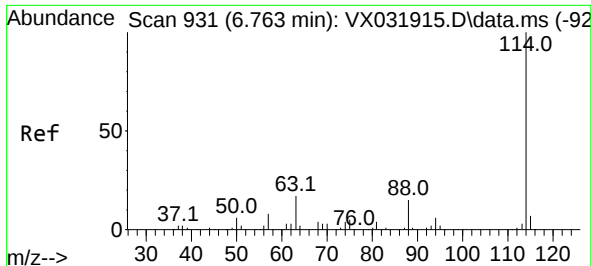
Tgt Ion: 84	Resp: 2561
Ion Ratio	Lower Upper
84 100	
49 105.5	105.9 158.9#
51 34.6	32.2 48.2
86 72.3	50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.523 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 65	Resp: 59878
Ion Ratio	Lower Upper
65 100	
67 51.7	0.0 102.4

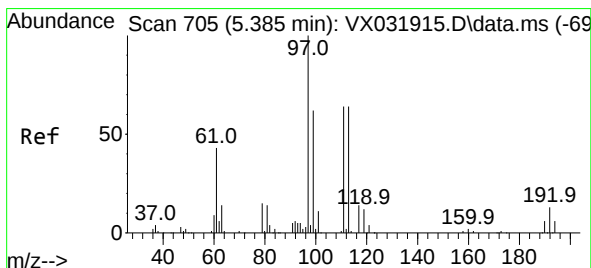
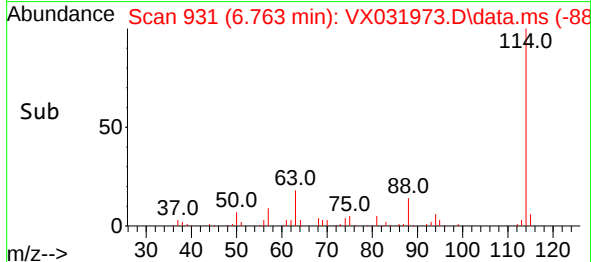
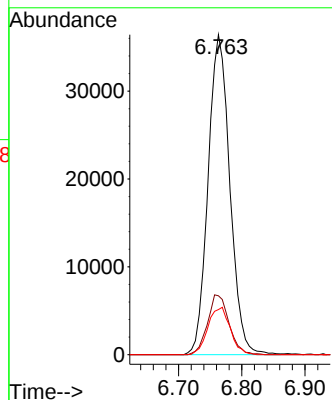
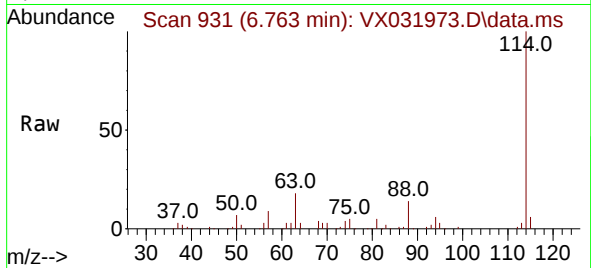




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX031973.D
 Acq: 07 Oct 2022 19:28

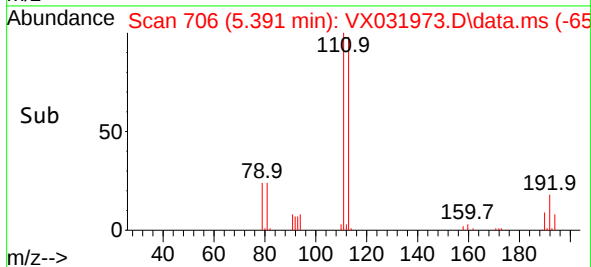
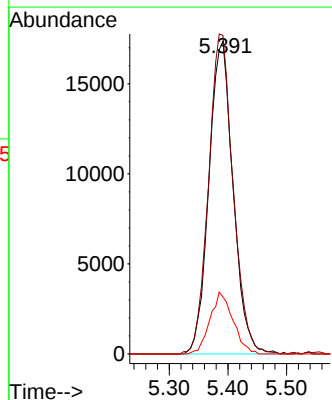
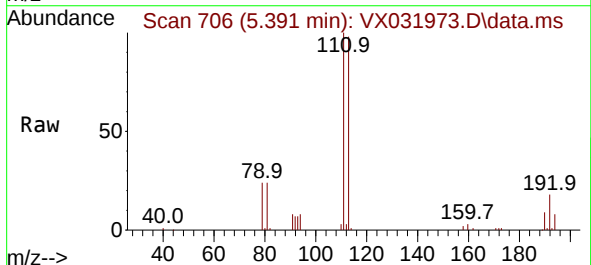
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-139

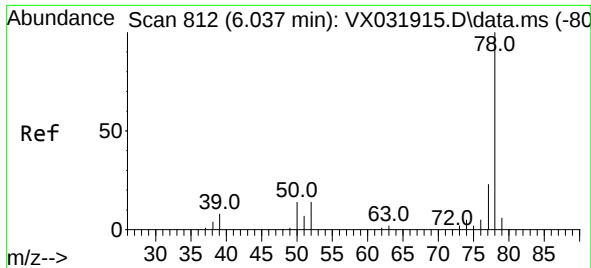
Tgt Ion:114 Resp: 87070
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.6
 88 14.1 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.472 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX031973.D
 Acq: 07 Oct 2022 19:28

Tgt Ion:113 Resp: 49744
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 18.8 14.1 21.1

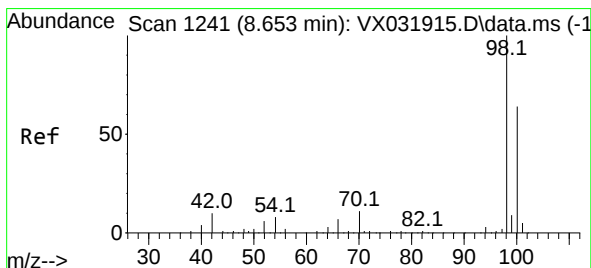
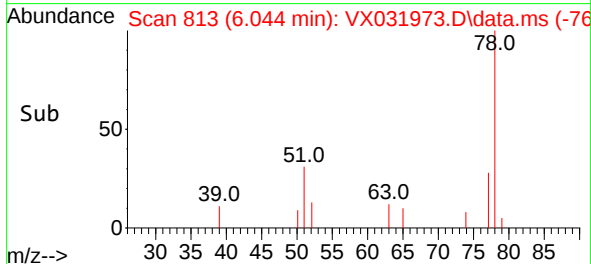
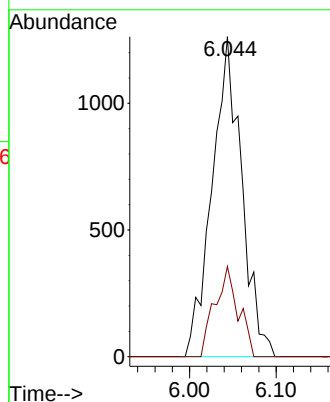
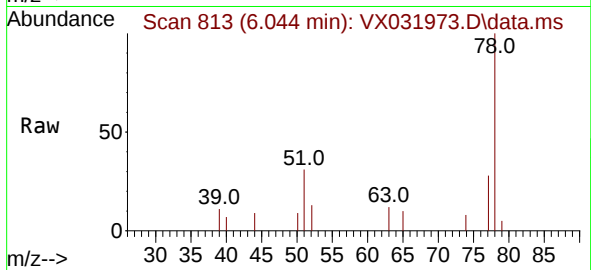




#40
Benzene
Concen: 0.783 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

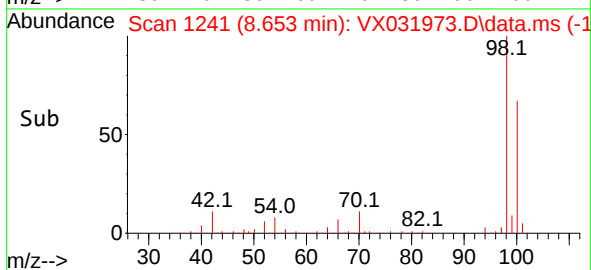
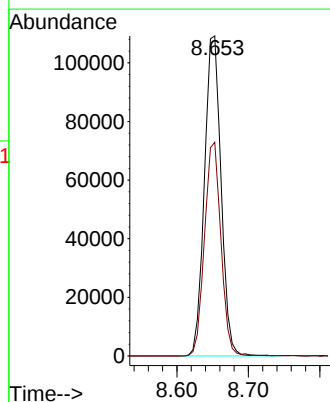
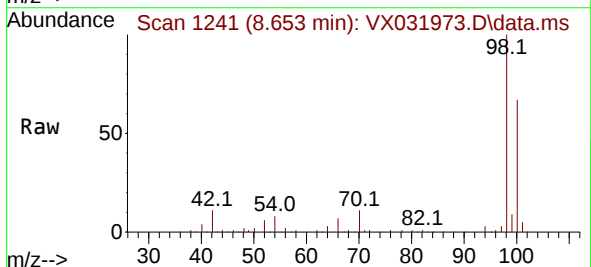
Instrument :
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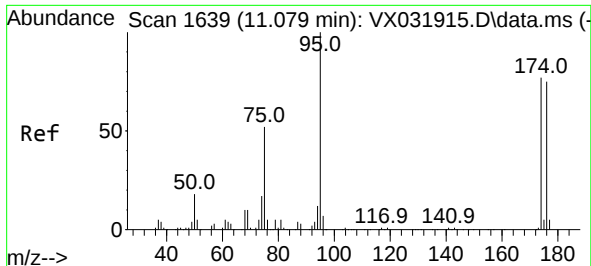
Tgt Ion: 78 Resp: 2997
Ion Ratio Lower Upper
78 100
77 28.2 18.7 28.1#



#50
Toluene-d8
Concen: 49.737 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 98 Resp: 176390
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 48.766 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031973.D

Acq: 07 Oct 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-139

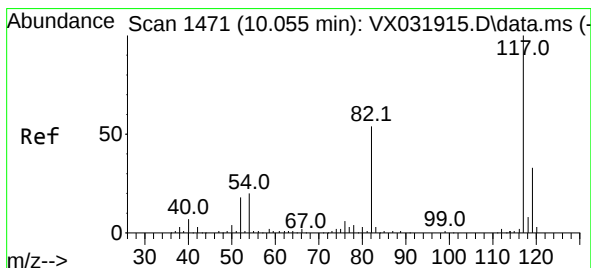
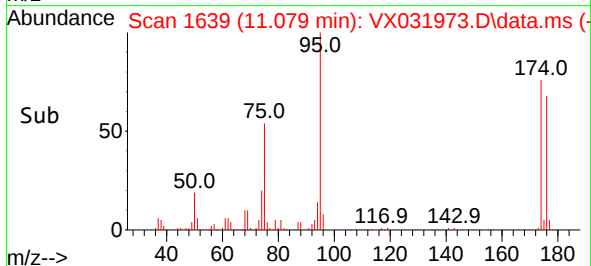
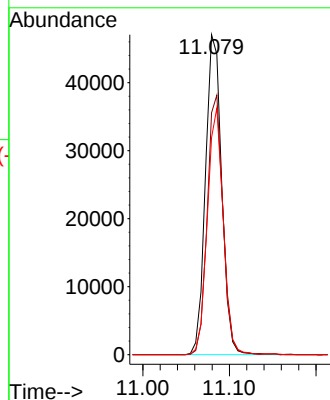
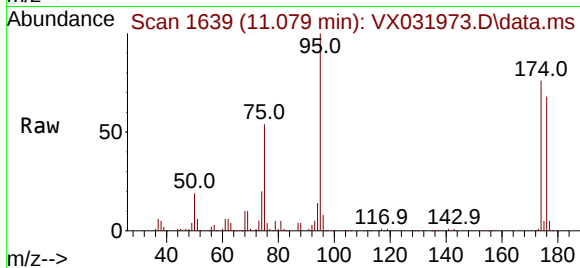
Tgt Ion: 95 Resp: 61141

Ion Ratio Lower Upper

95 100

174 79.1 0.0 153.2

176 75.6 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: VX031973.D

Acq: 07 Oct 2022 19:28

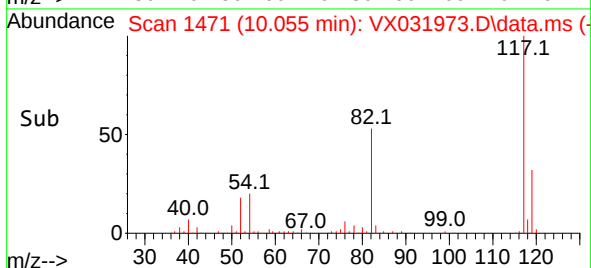
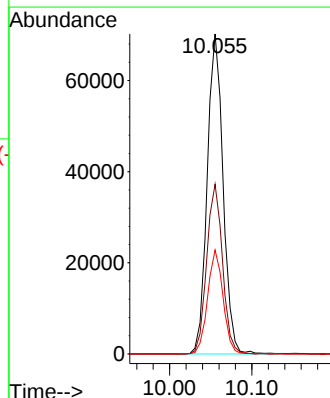
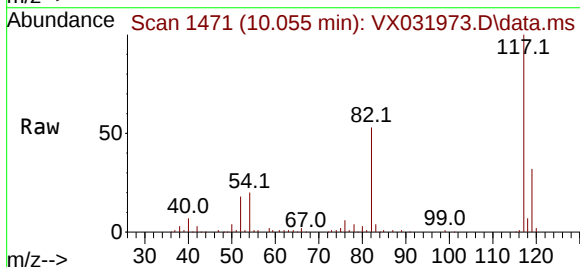
Tgt Ion: 117 Resp: 94107

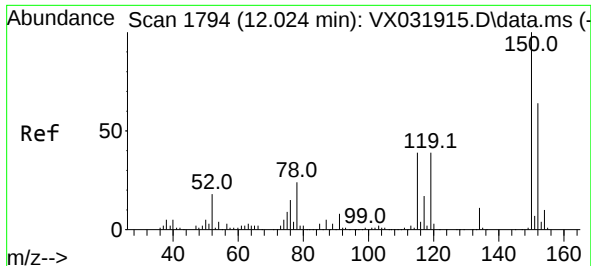
Ion Ratio Lower Upper

117 100

82 53.1 46.8 70.2

119 32.5 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: VX031973.D

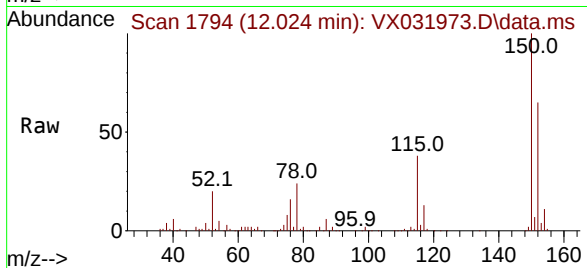
Acq: 07 Oct 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-139



Tgt Ion:152 Resp: 57614

Ion Ratio Lower Upper

152 100

115 60.7 43.4 130.1

150 155.8 0.0 346.8

