

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034879.D
 Acq On : 31 Mar 2023 15:35
 Operator : JC/MD
 Sample : 02048-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Apr 03 01:19:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

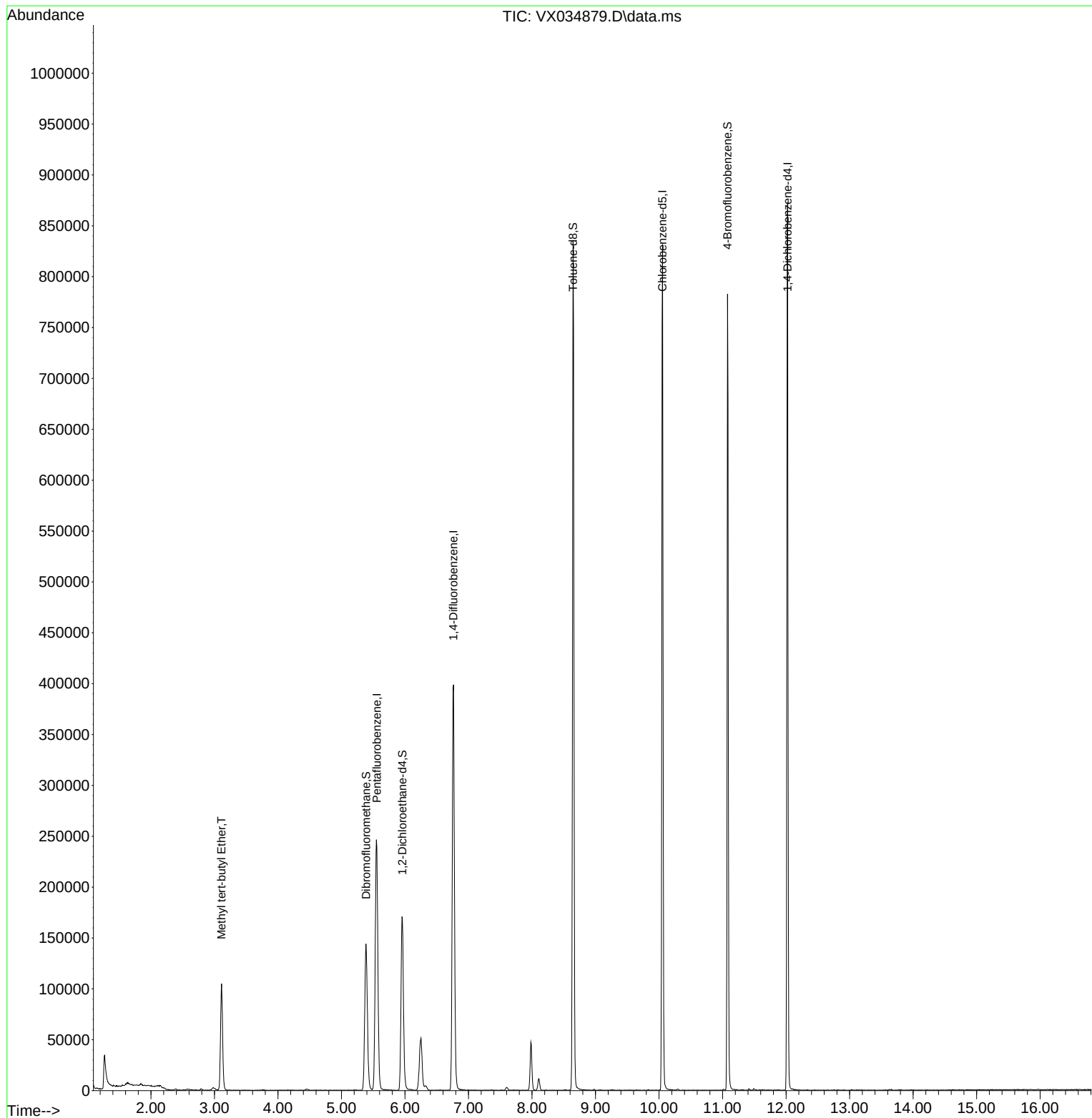
Internal Standards						
1) Pentafluorobenzene	5.556	168	229160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164664	46.984	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.960%
35) Dibromofluoromethane	5.385	113	121465	46.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	475731	49.331	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	198230	53.118	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.240%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	109098	12.525	ug/l	Qvalue 96

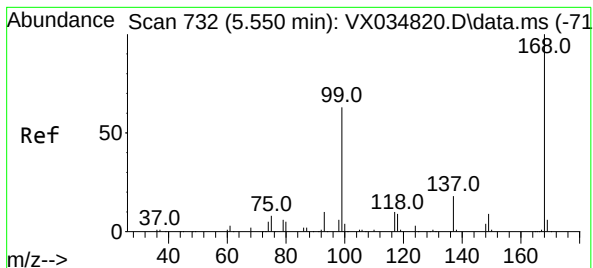
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

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MSVOA_X

ClientSampleId :

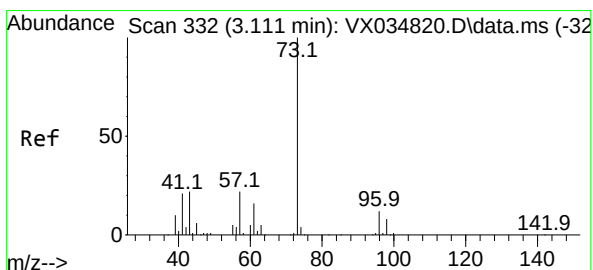
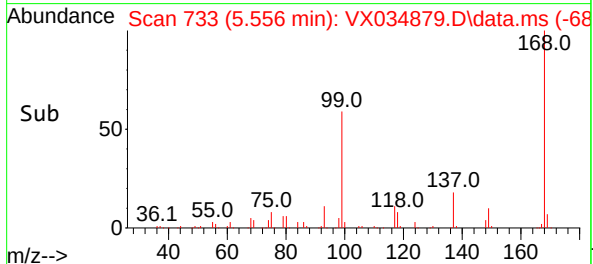
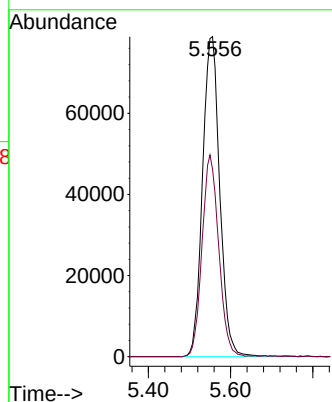
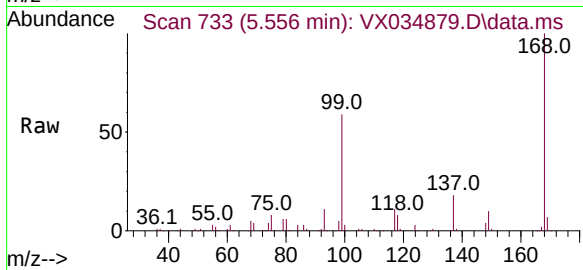
MW-6

Tgt Ion:168 Resp: 229160

Ion Ratio Lower Upper

168 100

99 58.6 45.7 68.5



#19

Methyl tert-butyl Ether

Concen: 12.525 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX034879.D

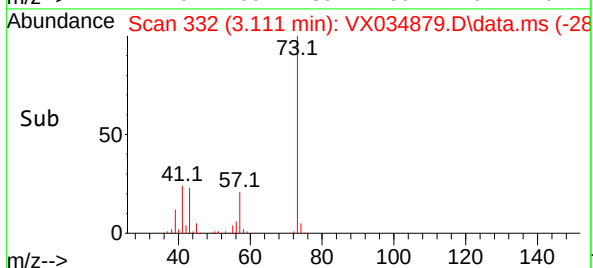
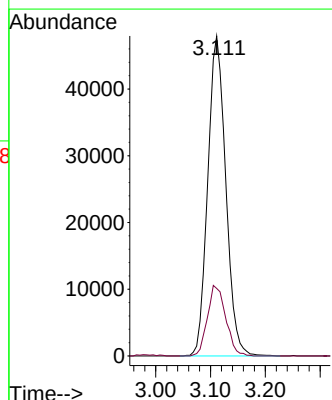
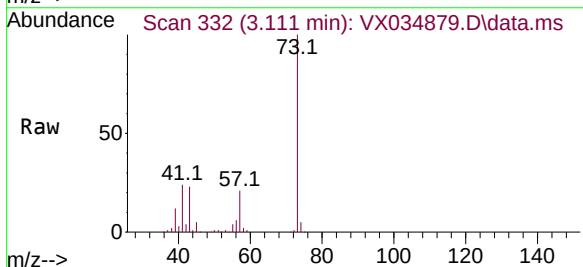
Acq: 31 Mar 2023 15:35

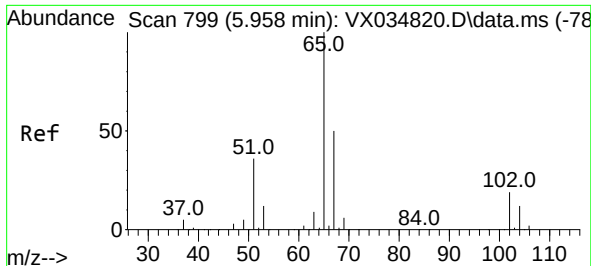
Tgt Ion: 73 Resp: 109098

Ion Ratio Lower Upper

73 100

57 21.1 18.5 27.7

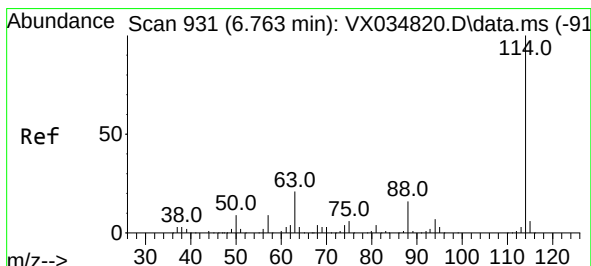
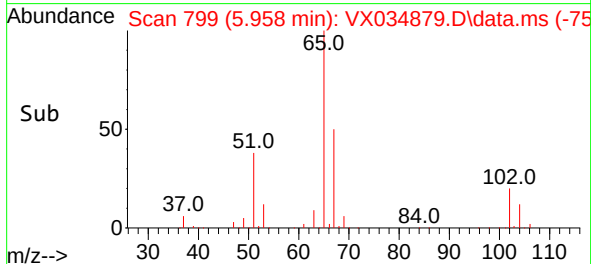
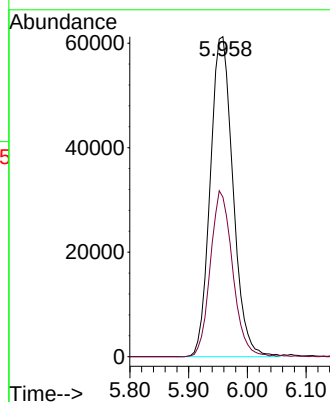
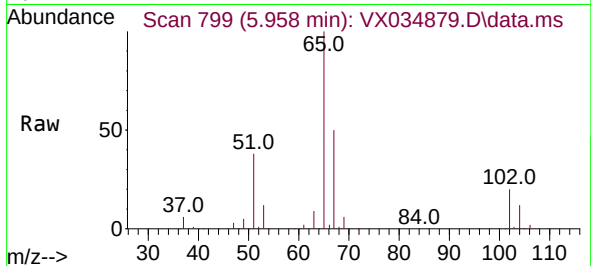




#33
 1,2-Dichloroethane-d4
 Concen: 46.984 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX034879.D
 Acq: 31 Mar 2023 15:35

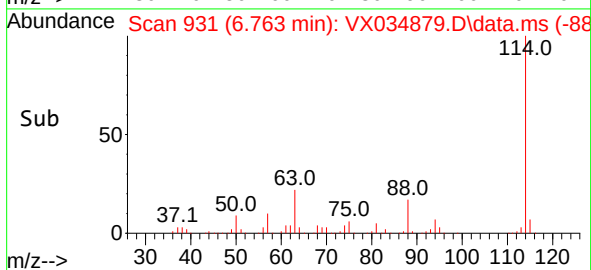
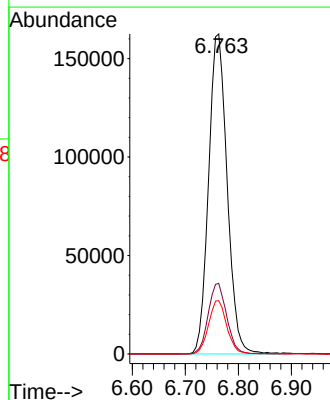
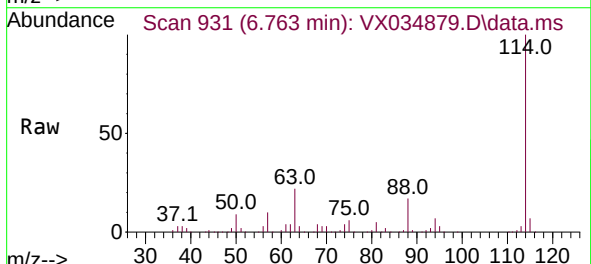
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

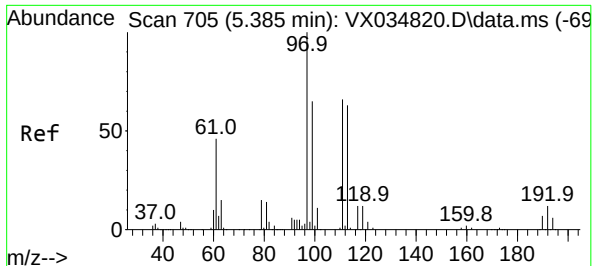
Tgt Ion: 65 Resp: 164664
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034879.D
 Acq: 31 Mar 2023 15:35

Tgt Ion: 114 Resp: 395015
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.2
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.490 ug/l

RT: 5.385 min Scan# 70

Delta R.T. -0.000 min

Lab File: VX034879.D

Acq: 31 Mar 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

MW-6

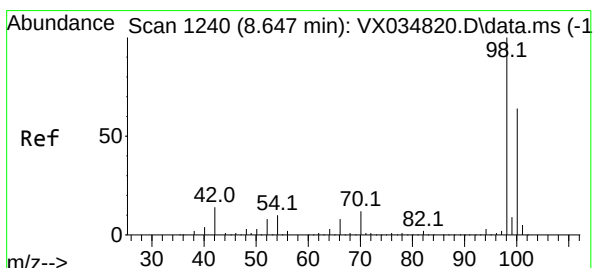
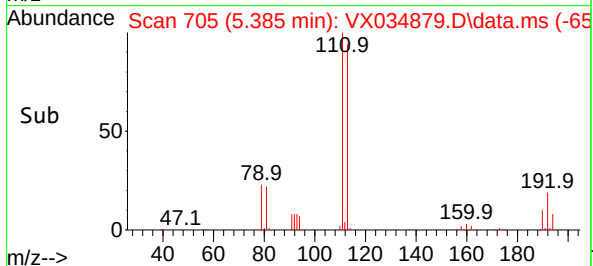
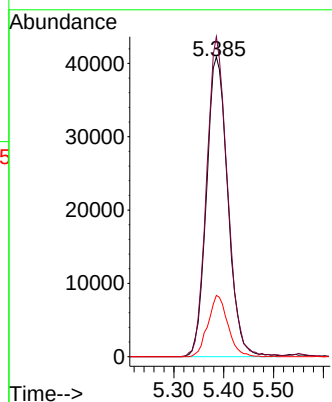
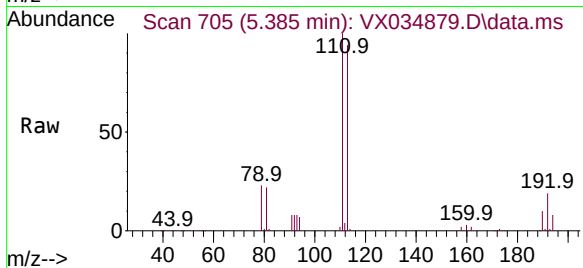
Tgt Ion:113 Resp: 121465

Ion Ratio Lower Upper

113 100

111 104.4 83.7 125.5

192 19.0 15.4 23.2



#50

Toluene-d8

Concen: 49.331 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034879.D

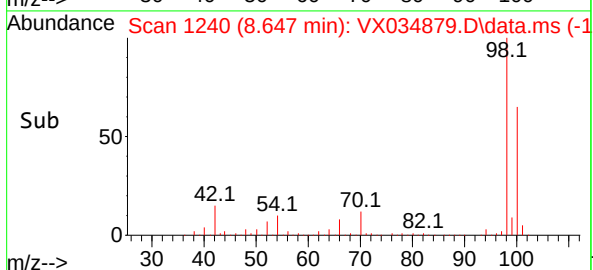
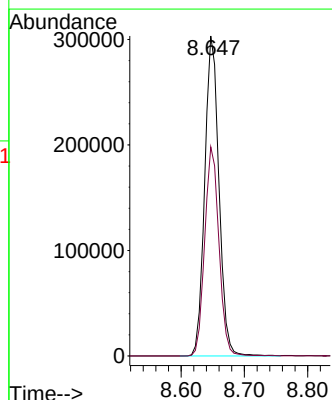
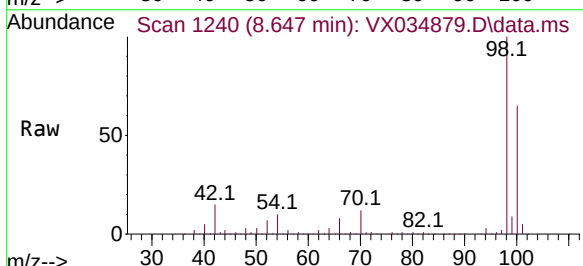
Acq: 31 Mar 2023 15:35

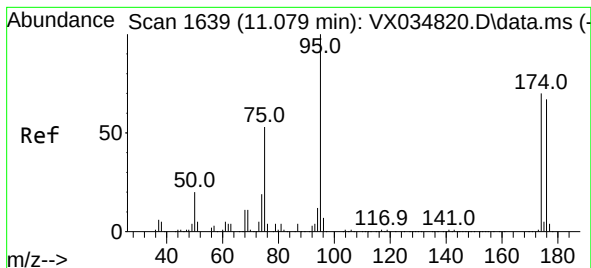
Tgt Ion: 98 Resp: 475731

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

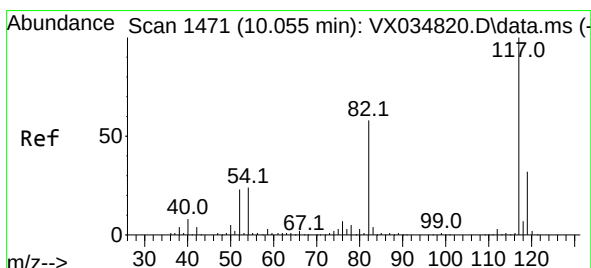
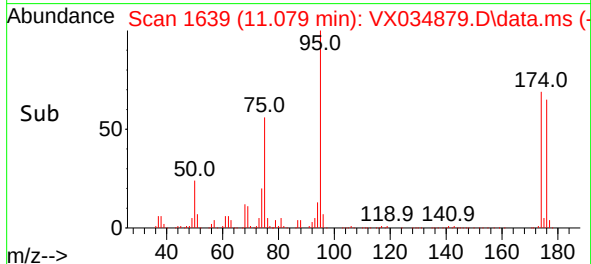
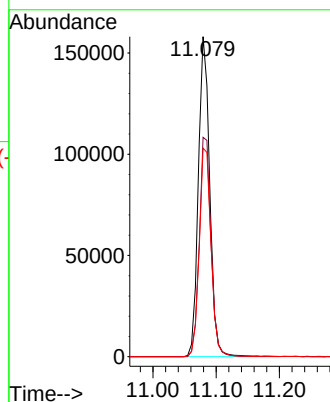
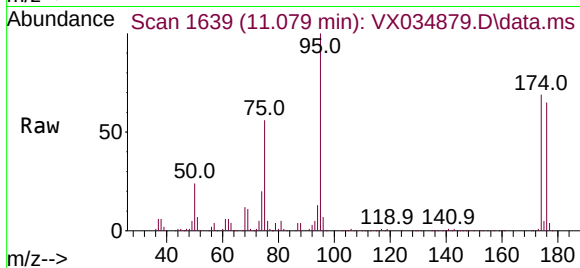




#62
4-Bromofluorobenzene
Concen: 53.118 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

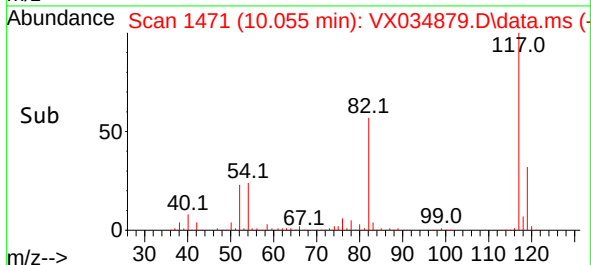
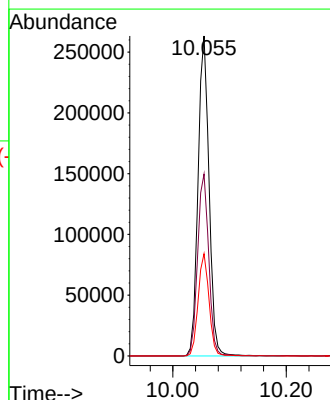
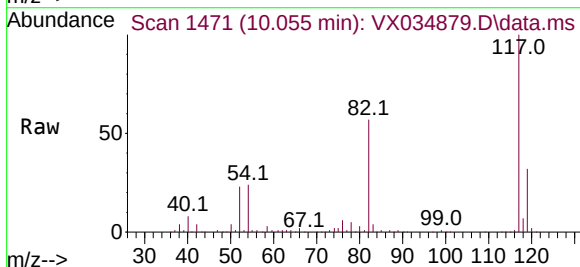
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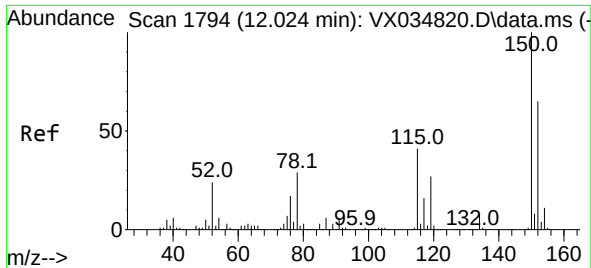
Tgt Ion: 95 Resp: 198230
Ion Ratio Lower Upper
95 100
174 70.4 0.0 147.4
176 67.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

Tgt Ion: 117 Resp: 353972
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034879.D

Acq: 31 Mar 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

MW-6

Tgt Ion:152 Resp: 168790

Ion Ratio Lower Upper

152 100

115 63.2 45.0 135.0

150 157.9 0.0 352.4

