

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036895.D
 Acq On : 09 Aug 2023 18:21
 Operator : JC/MD
 Sample : 03957-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17-0809

Quant Time: Aug 10 01:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

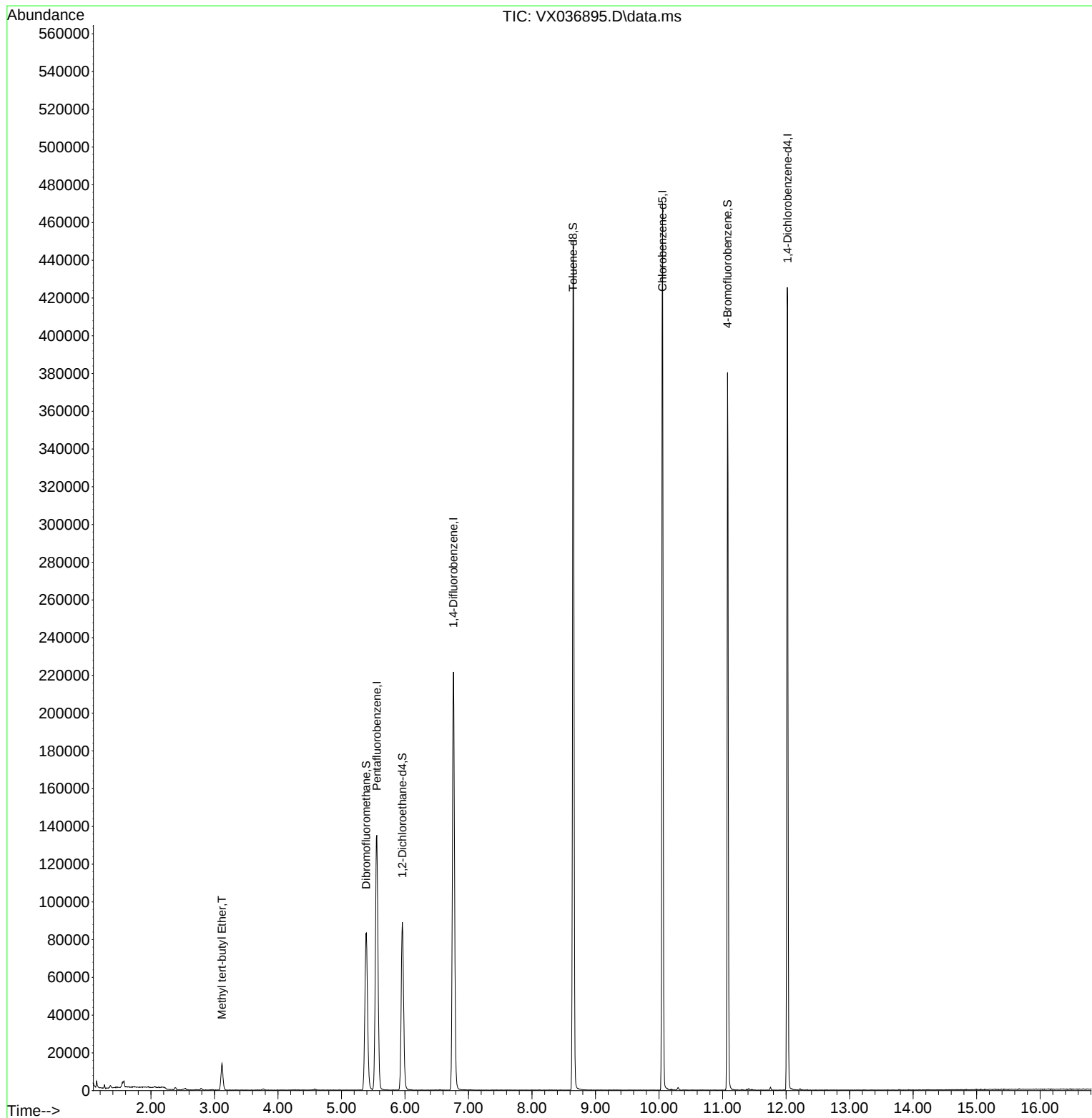
Internal Standards						
1) Pentafluorobenzene	5.556	168	125286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87878	47.404	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.800%
35) Dibromofluoromethane	5.385	113	73532	46.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	272178	48.525	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	100873	47.667	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	15718	2.981	ug/l	Qvalue 97

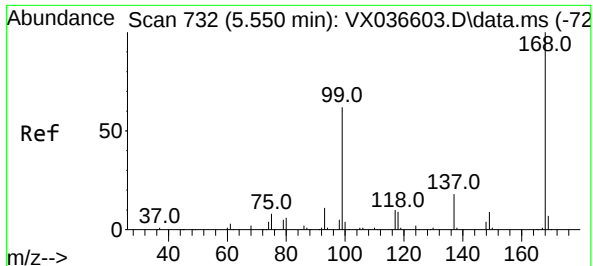
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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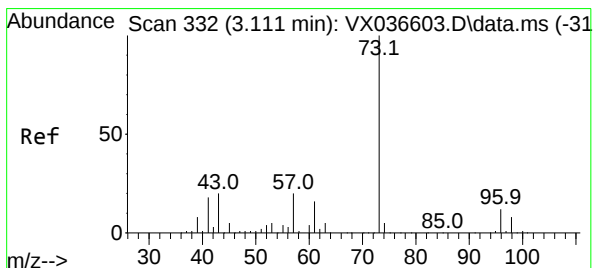
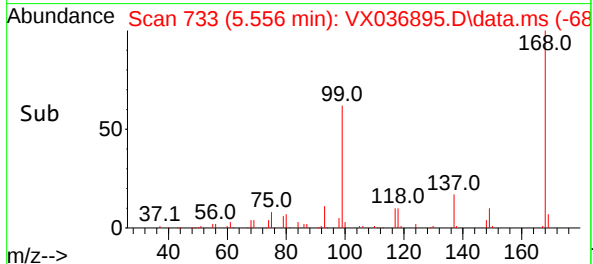
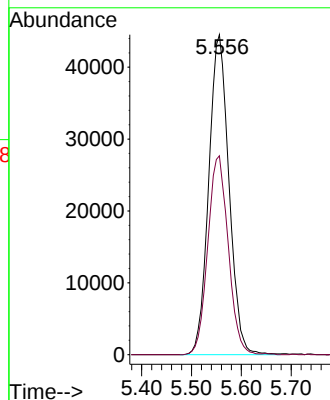
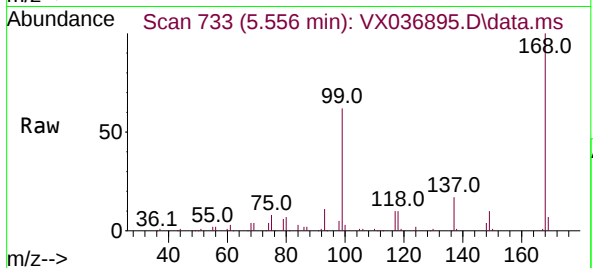




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

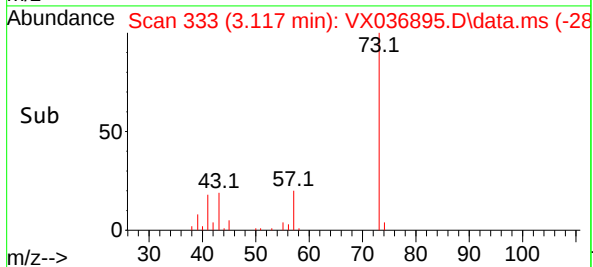
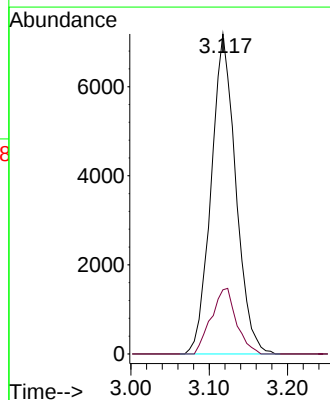
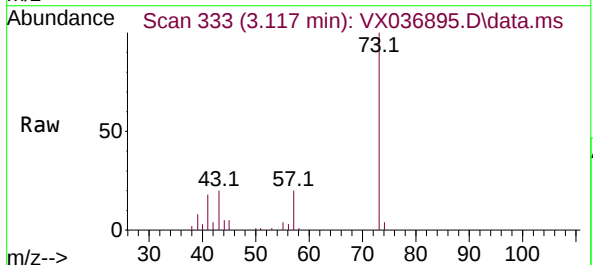
Instrument :
MSVOA_X
ClientSampleId :
MW-17-0809

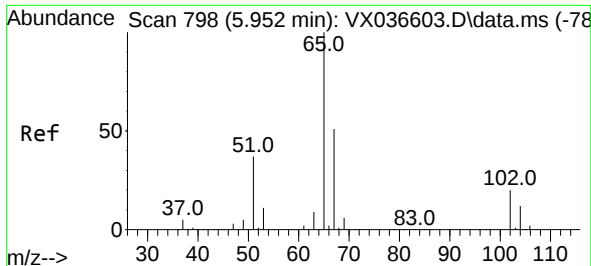
Tgt Ion:168 Resp: 125286
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 2.981 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion: 73 Resp: 15718
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9





#33

1,2-Dichloroethane-d4

Concen: 47.404 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036895.D

Acq: 09 Aug 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

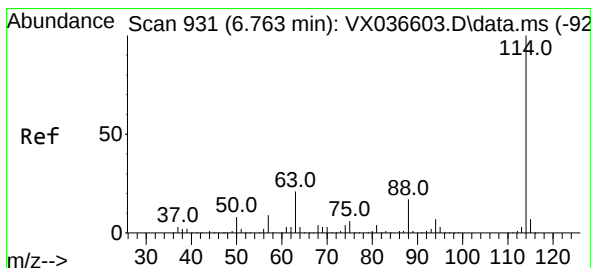
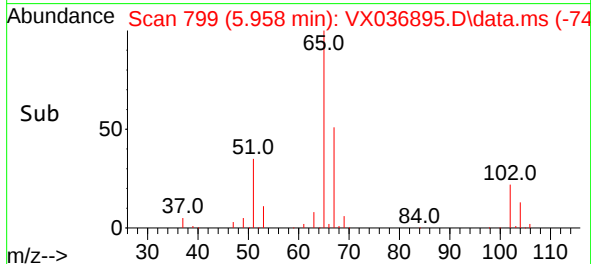
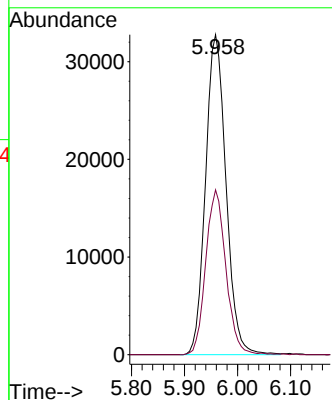
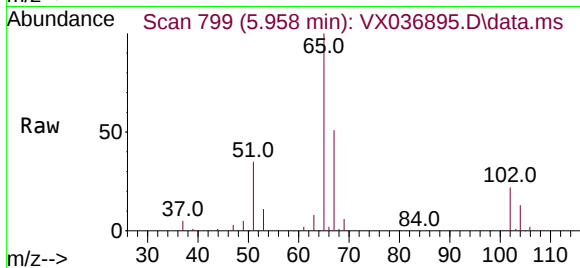
MW-17-0809

Tgt Ion: 65 Resp: 87878

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036895.D

Acq: 09 Aug 2023 18:21

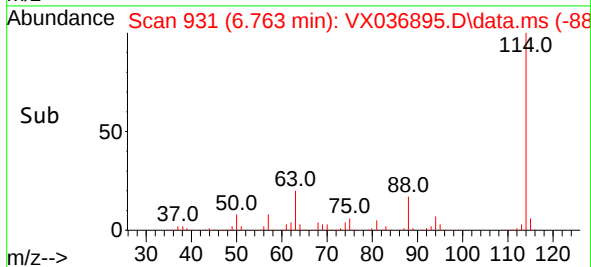
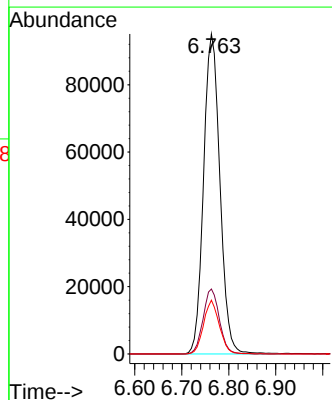
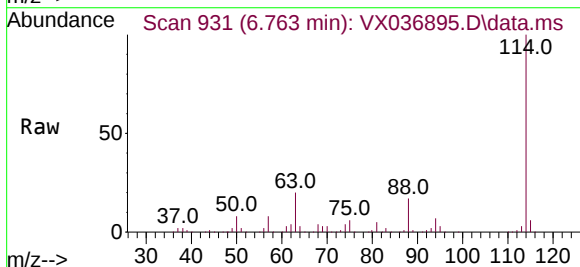
Tgt Ion: 114 Resp: 230118

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

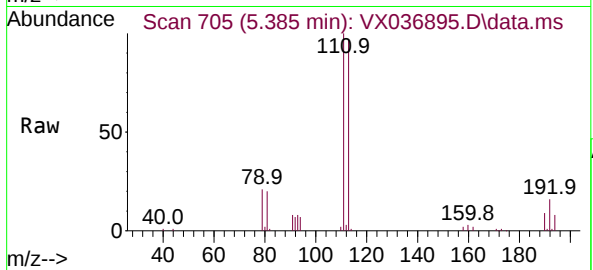
88 16.8 0.0 36.6



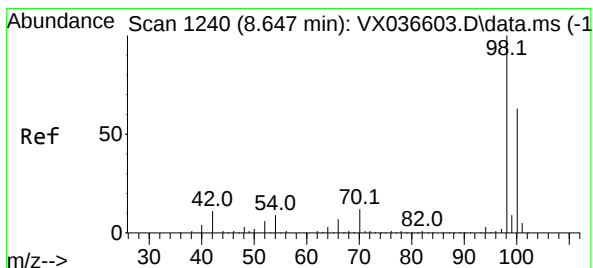
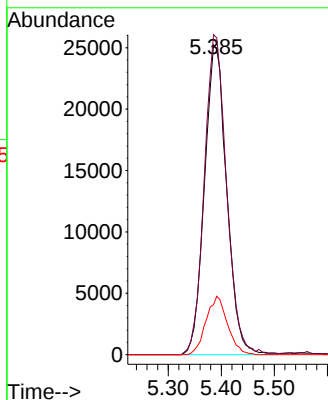
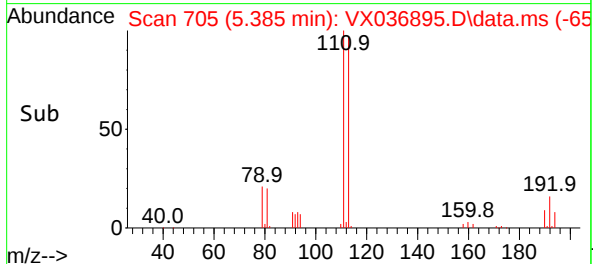


#35
Dibromofluoromethane
Concen: 46.489 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-17-0809

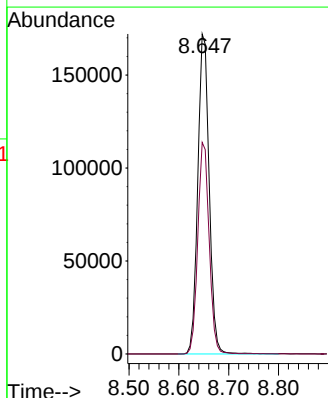
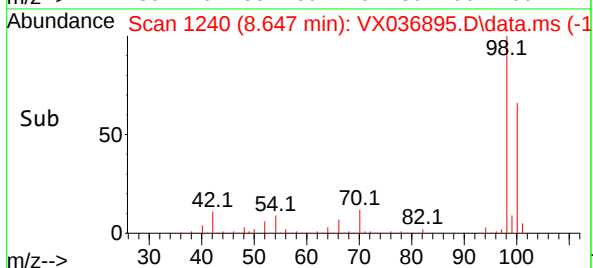
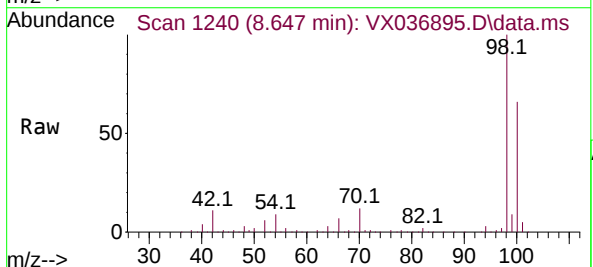


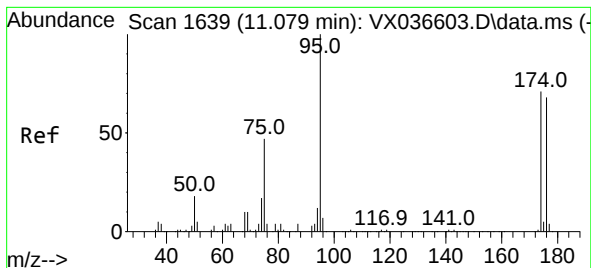
Tgt Ion:	113	Resp:	73532
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	18.2	13.3	19.9



#50
Toluene-d8
Concen: 48.525 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion:	98	Resp:	272178
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

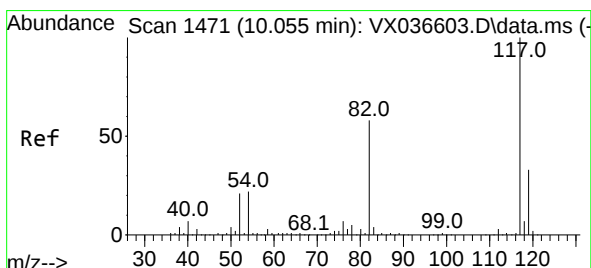
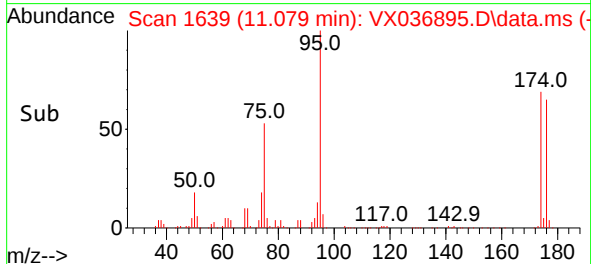
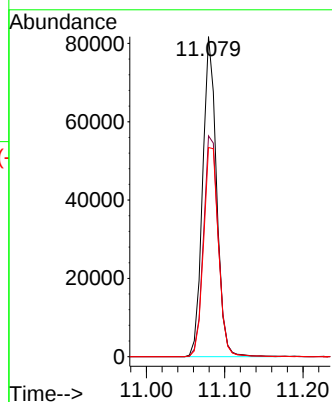
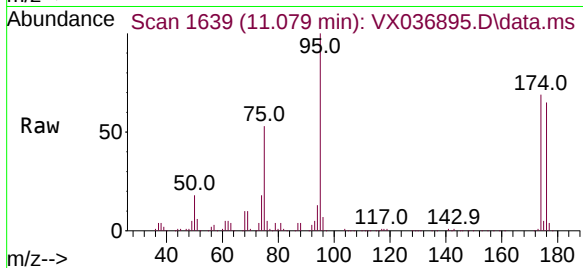




#62
4-Bromofluorobenzene
Concen: 47.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

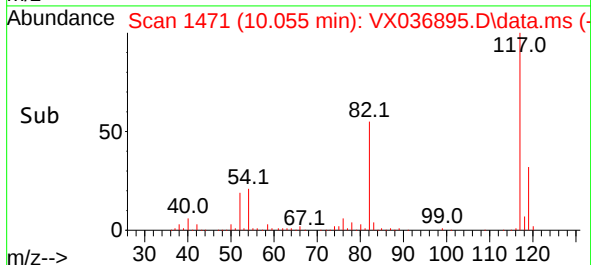
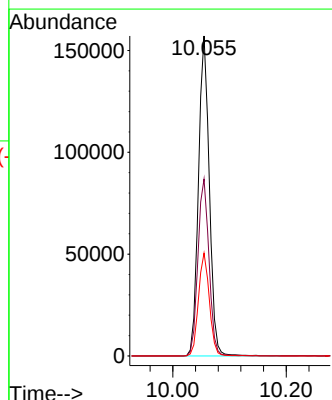
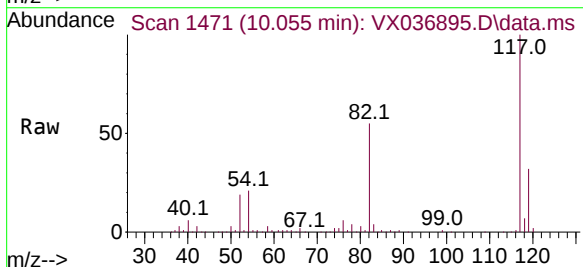
Instrument :
MSVOA_X
ClientSampleId :
MW-17-0809

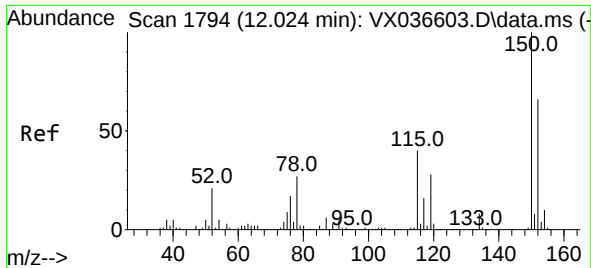
Tgt Ion: 95 Resp: 100873
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion: 117 Resp: 208628
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036895.D

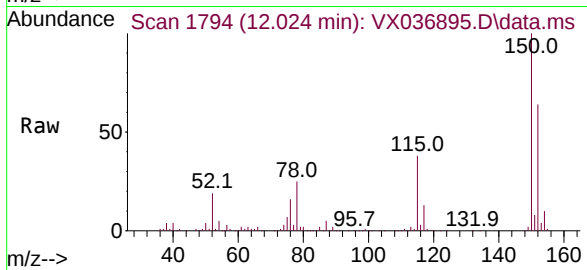
Acq: 09 Aug 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

MW-17-0809



Tgt Ion:152 Resp: 89967

Ion Ratio Lower Upper

152 100

115 62.7 43.3 129.9

150 158.3 0.0 345.0

