

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036792.D
 Acq On : 03 Aug 2023 12:07
 Operator : JC/MD
 Sample : 03881-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-2

Quant Time: Aug 04 07:31:48 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)

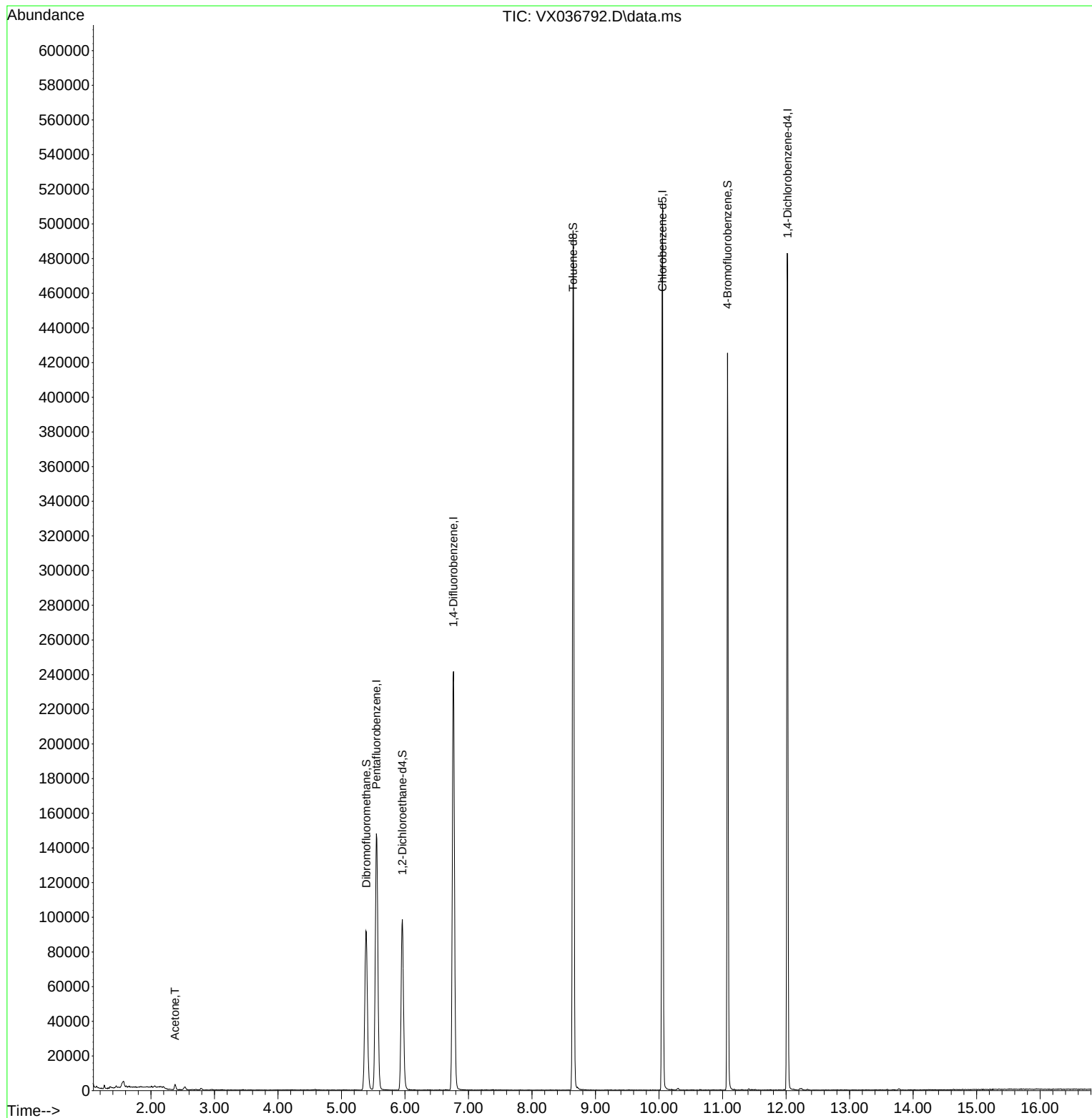
Internal Standards						
1) Pentafluorobenzene	5.550	168	136782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95098	46.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.980%
35) Dibromofluoromethane	5.391	113	80630	46.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.220%
50) Toluene-d8	8.647	98	297722	48.536	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.079	95	109685	47.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.780%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3267	3.890	ug/l #	89

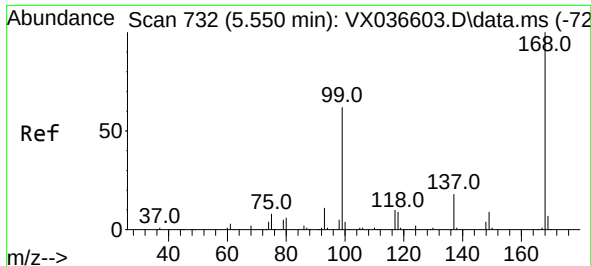
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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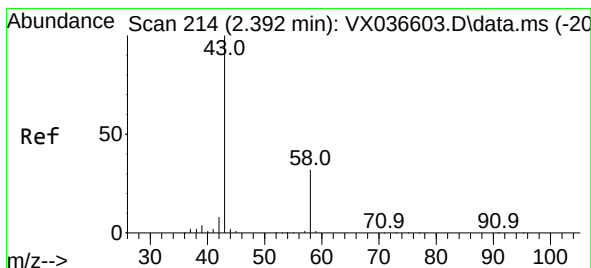
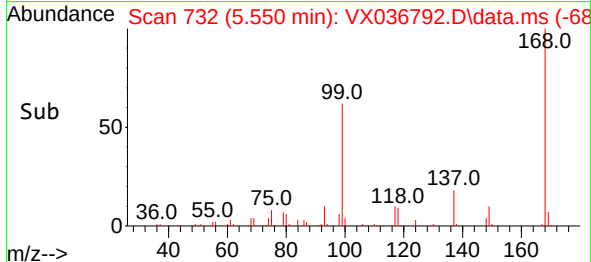
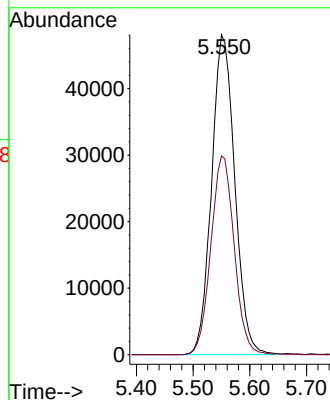
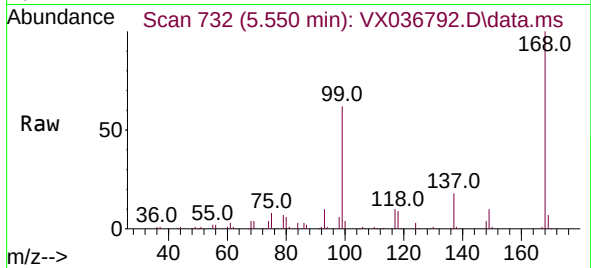




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

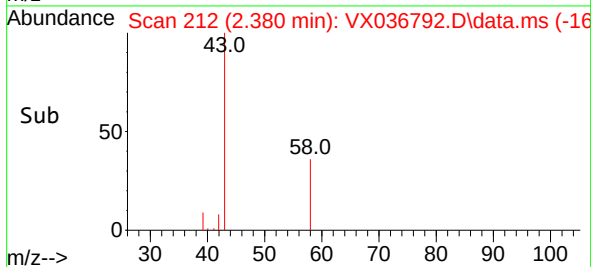
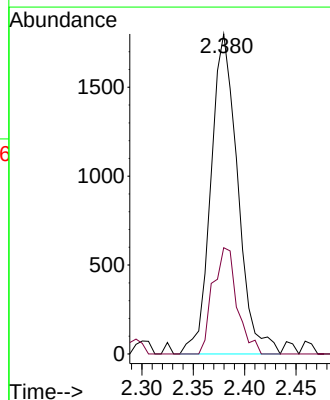
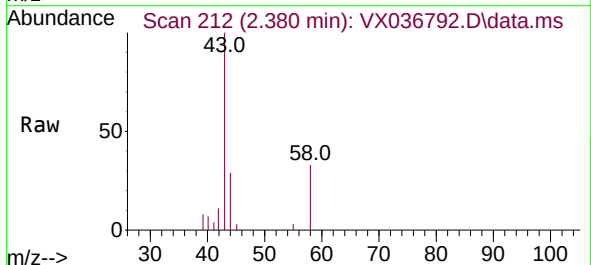
Instrument :
MSVOA_X
ClientSampleId :
MH-2

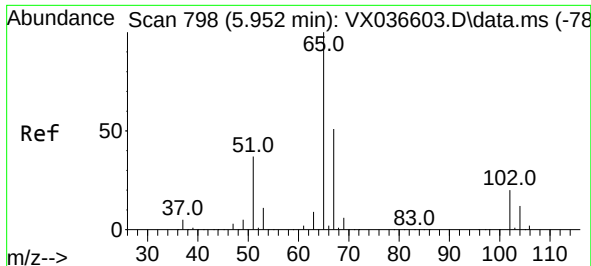
Tgt Ion:168 Resp: 136782
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#16
Acetone
Concen: 3.890 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 46.988 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036792.D

Acq: 03 Aug 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

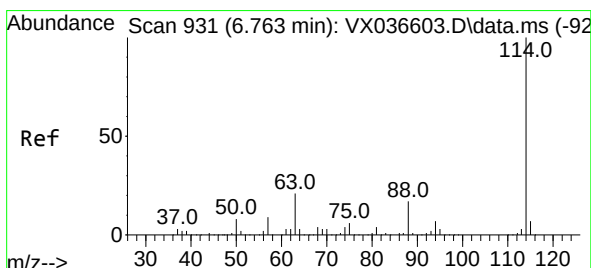
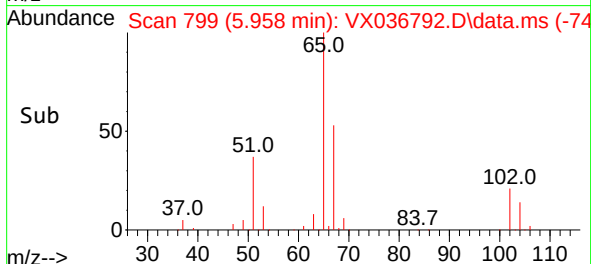
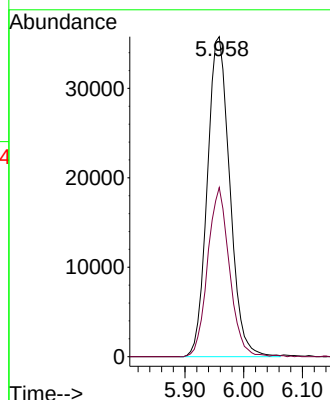
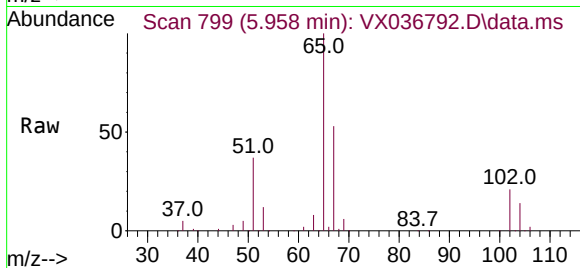
MH-2

Tgt Ion: 65 Resp: 95098

Ion Ratio Lower Upper

65 100

67 51.1 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: VX036792.D

Acq: 03 Aug 2023 12:07

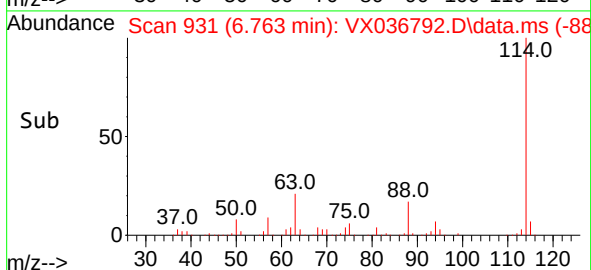
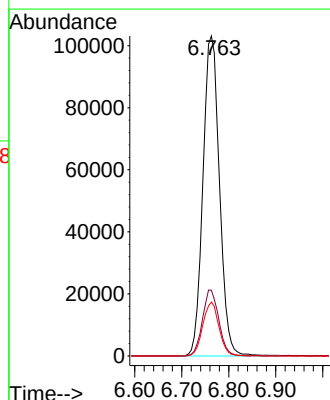
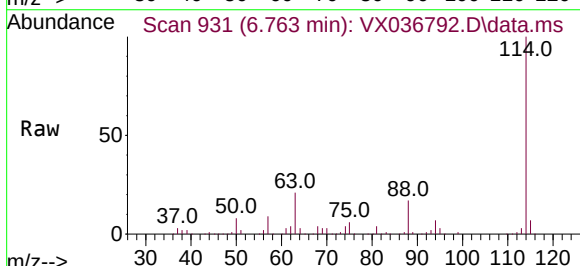
Tgt Ion: 114 Resp: 251657

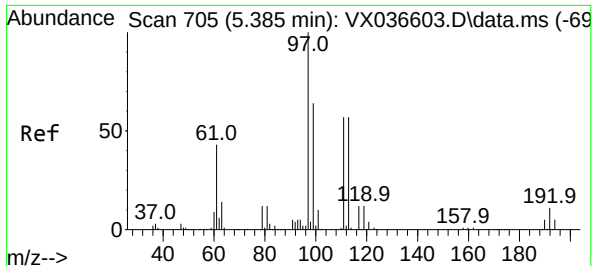
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.9 0.0 36.6

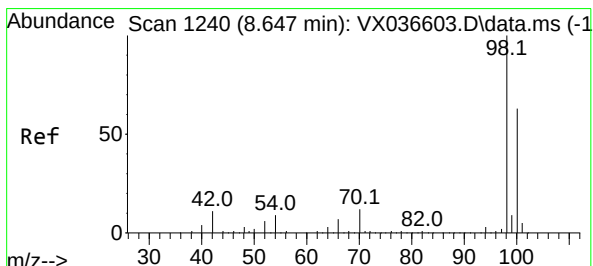
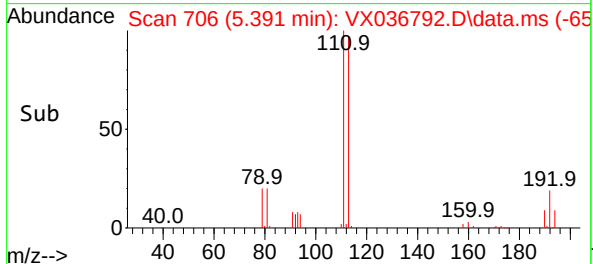
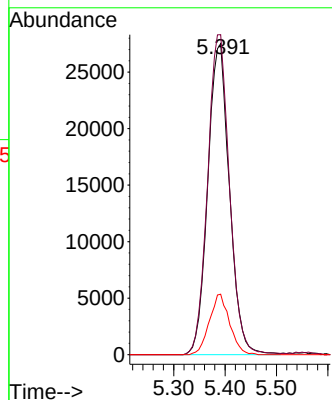
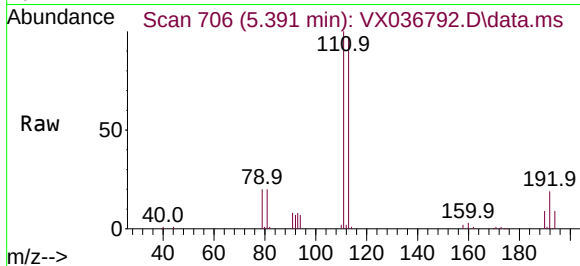




#35
Dibromofluoromethane
Concen: 46.614 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

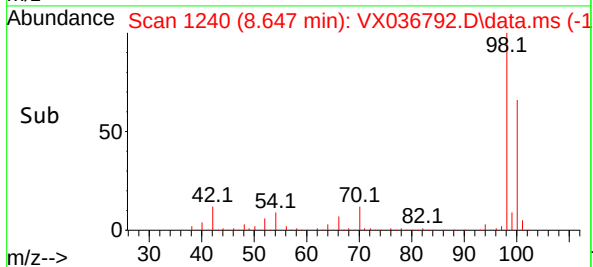
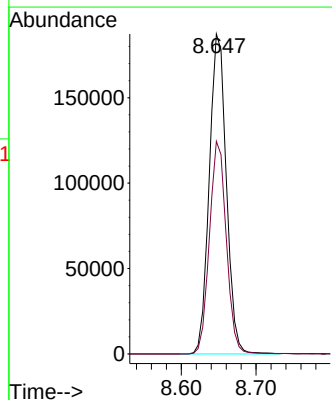
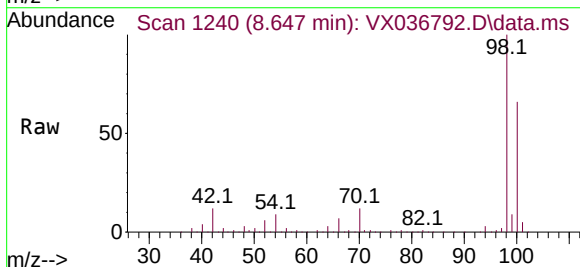
Instrument :
MSVOA_X
ClientSampleId :
MH-2

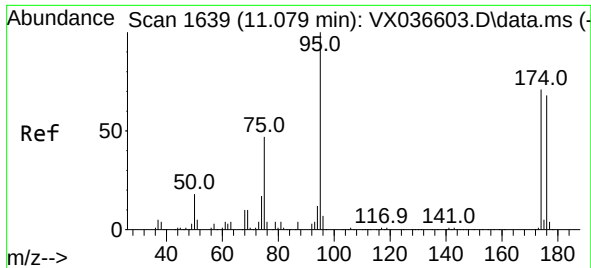
Tgt Ion:113 Resp: 80630
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.2 13.3 19.9



#50
Toluene-d8
Concen: 48.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 98 Resp: 297722
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

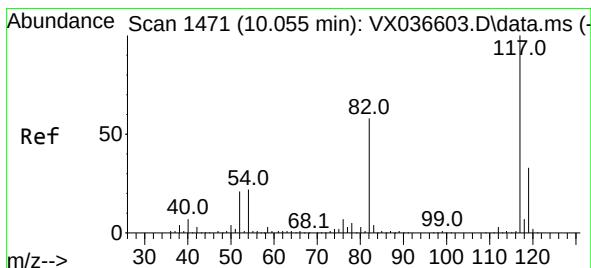
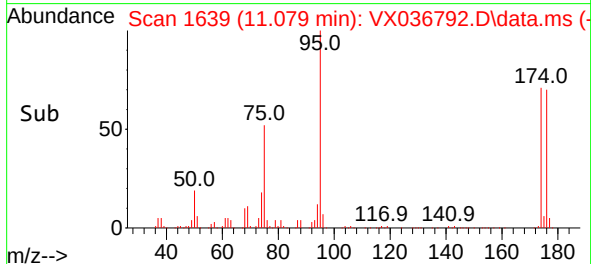
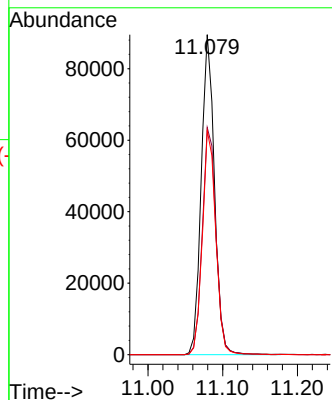
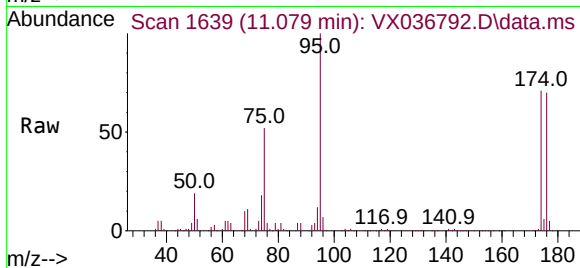




#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

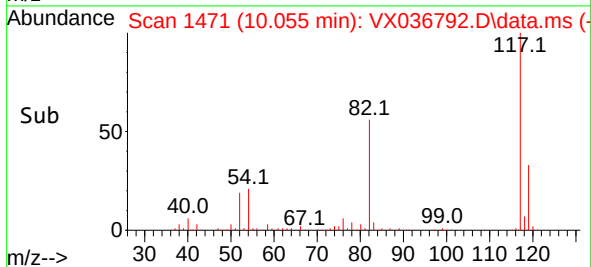
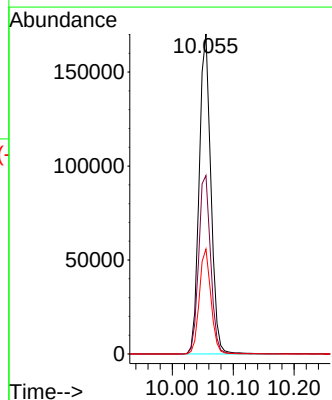
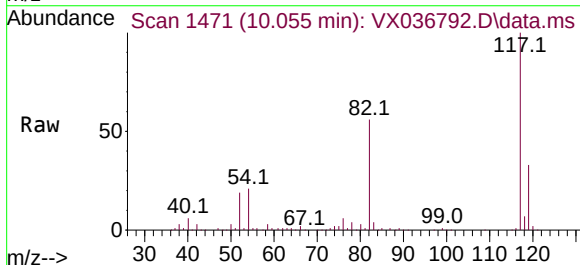
Instrument :
MSVOA_X
ClientSampleId :
MH-2

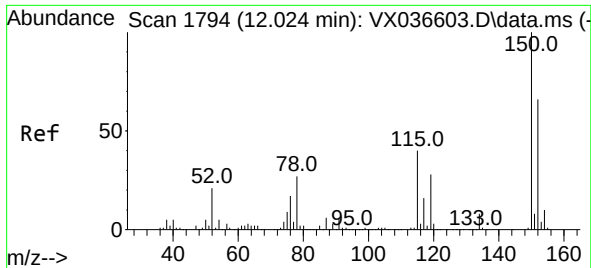
Tgt Ion: 95 Resp: 109685
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 117 Resp: 226384
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.8 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: VX036792.D

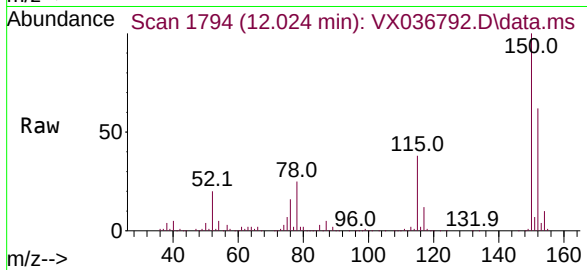
Acq: 03 Aug 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

MH-2



Tgt Ion:152 Resp: 97549

Ion Ratio Lower Upper

152 100

115 63.7 43.3 129.9

150 159.6 0.0 345.0

