

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036793.D
 Acq On : 03 Aug 2023 12:31
 Operator : JC/MD
 Sample : 03881-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1

Quant Time: Aug 04 07:31:57 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)

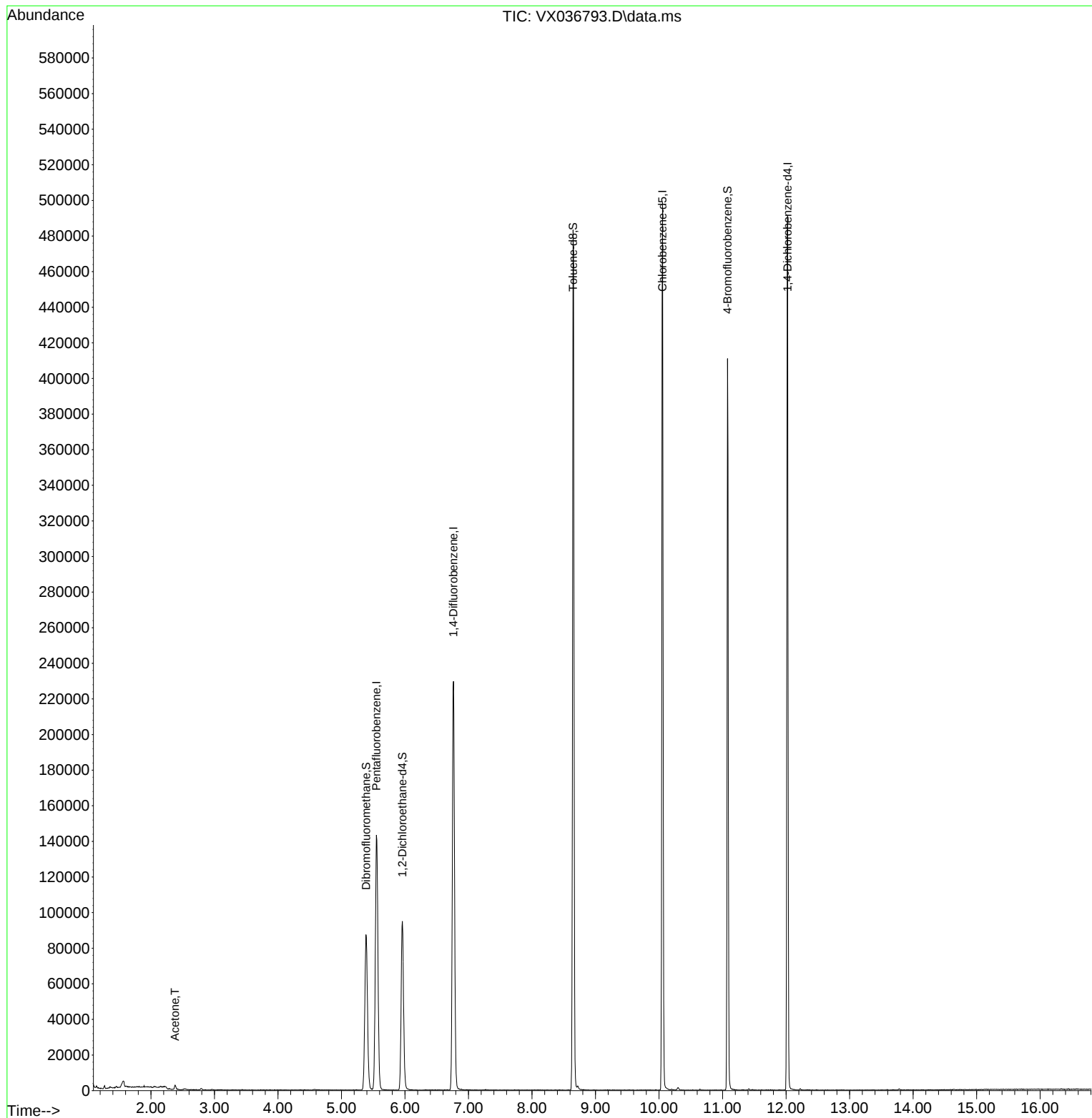
Internal Standards						
1) Pentafluorobenzene	5.550	168	132974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91253	46.379	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.385	113	76769	46.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	287972	49.004	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.079	95	109393	49.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.680%
Target Compounds						
16) Acetone	2.380	43	2603	3.188	ug/l	Qvalue # 83

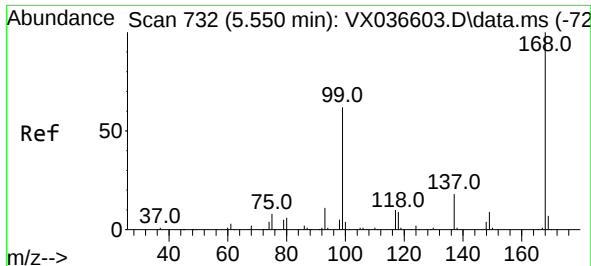
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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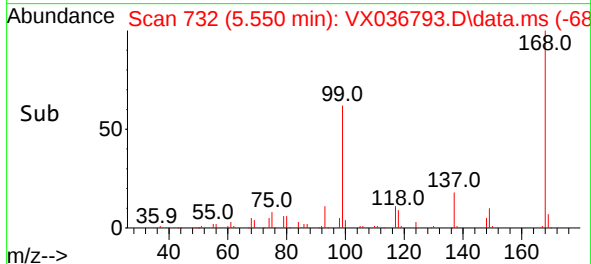
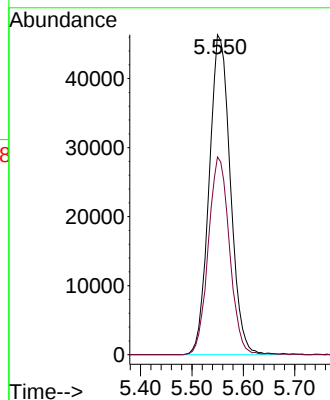
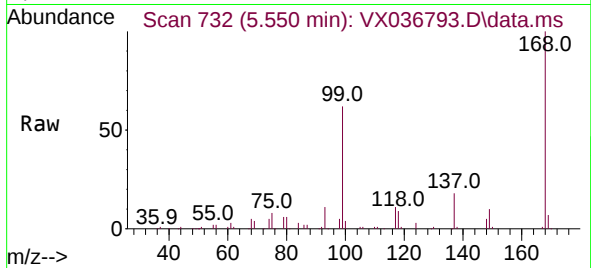




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

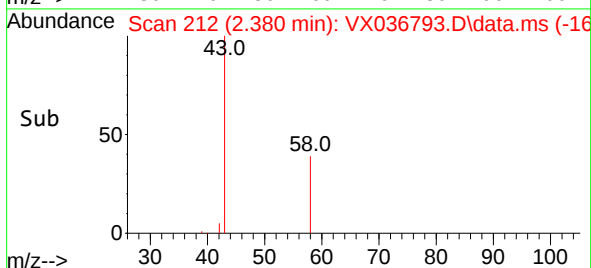
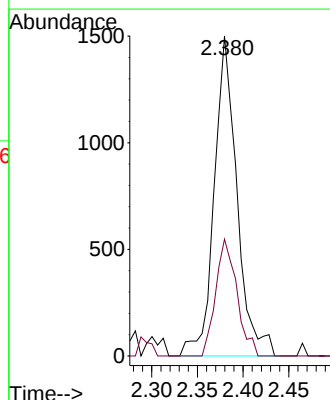
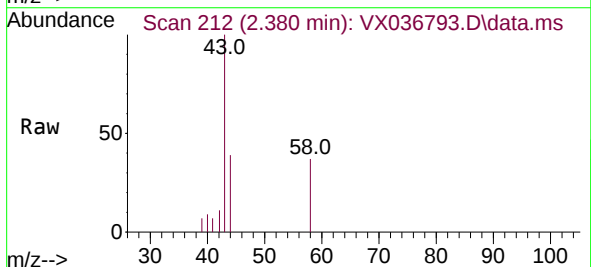
Instrument :
MSVOA_X
ClientSampleId :
MH-1

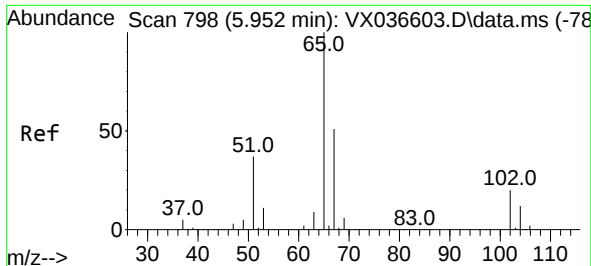
Tgt Ion:168 Resp: 132974
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#16
Acetone
Concen: 3.188 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
58 36.5 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 46.379 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036793.D

Acq: 03 Aug 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

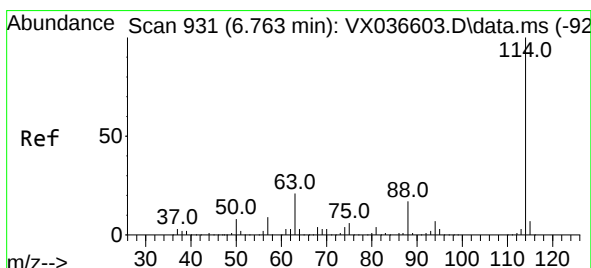
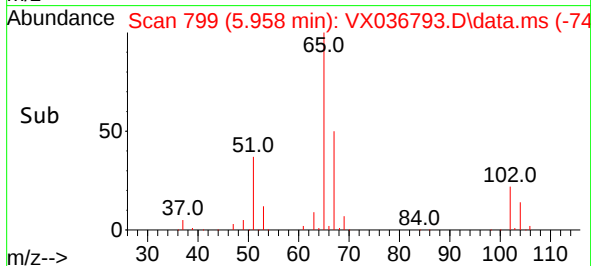
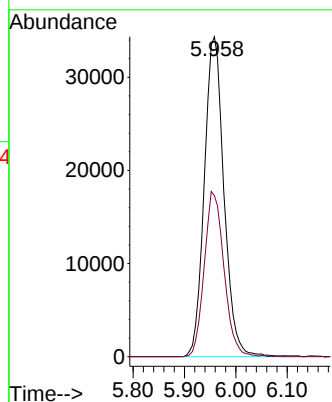
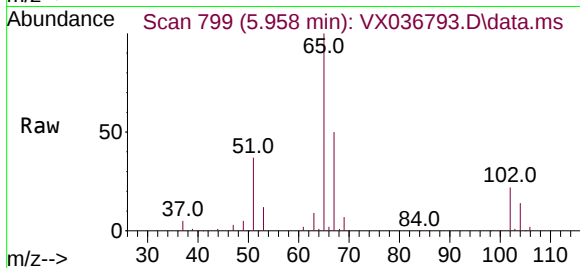
MH-1

Tgt Ion: 65 Resp: 91253

Ion Ratio Lower Upper

65 100

67 51.7 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: VX036793.D

Acq: 03 Aug 2023 12:31

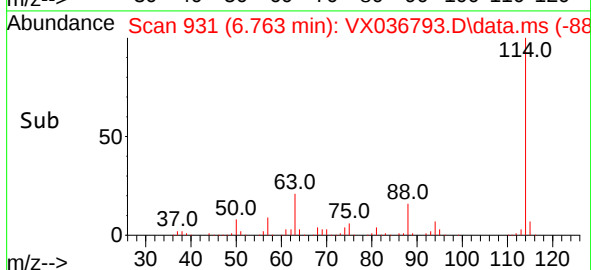
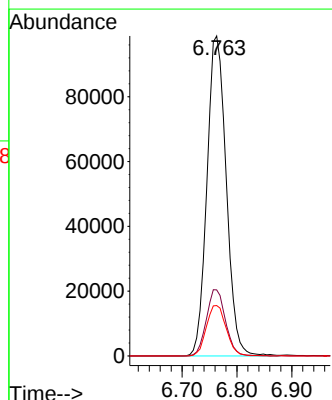
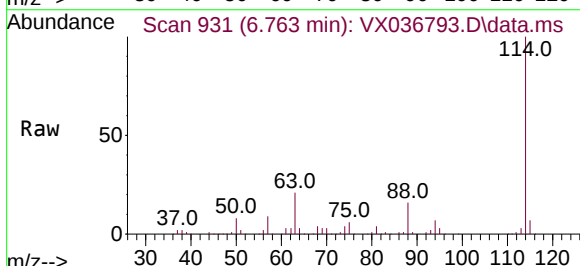
Tgt Ion: 114 Resp: 241088

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

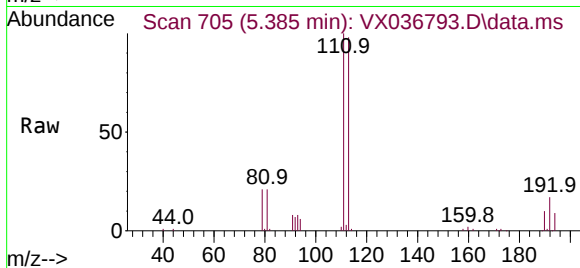
88 15.8 0.0 36.6



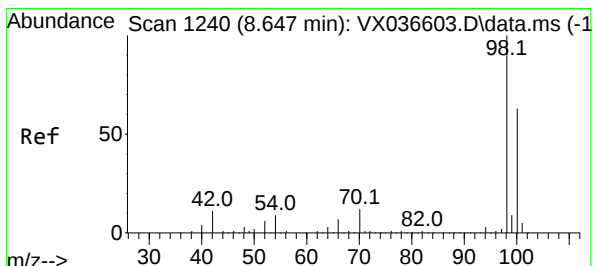
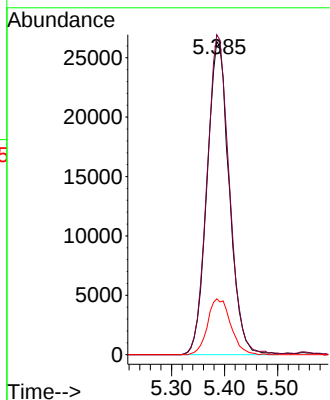
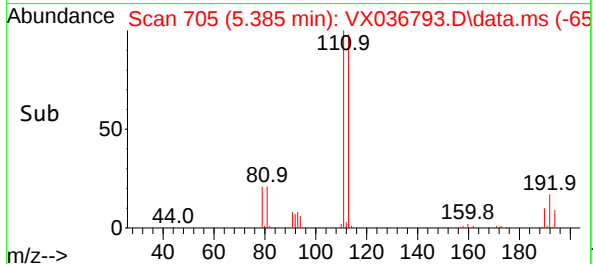


#35
Dibromofluoromethane
Concen: 46.327 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Instrument :
MSVOA_X
ClientSampleId :
MH-1

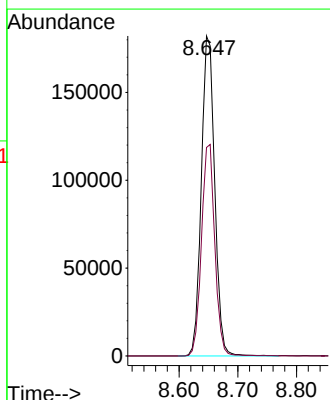
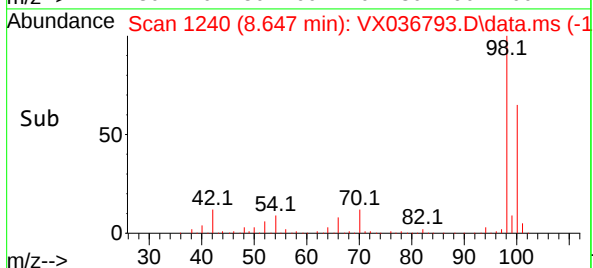
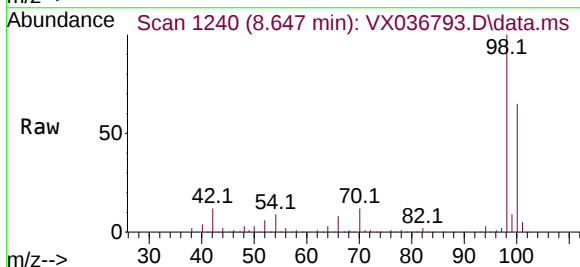


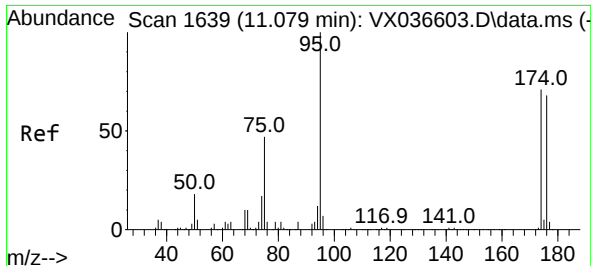
Tgt Ion:113 Resp: 76769
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 13.3 19.9



#50
Toluene-d8
Concen: 49.004 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 98 Resp: 287972
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.341 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036793.D

Acq: 03 Aug 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

MH-1

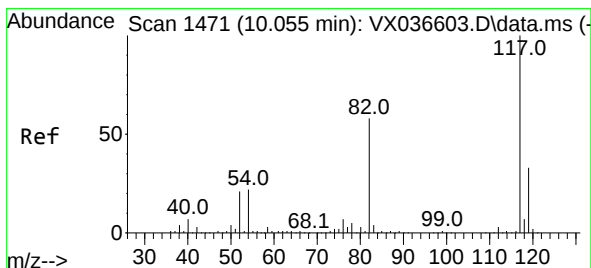
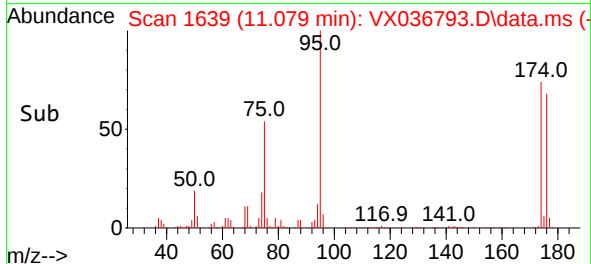
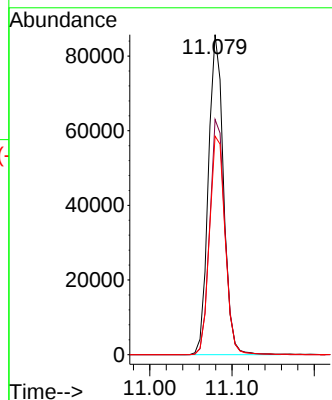
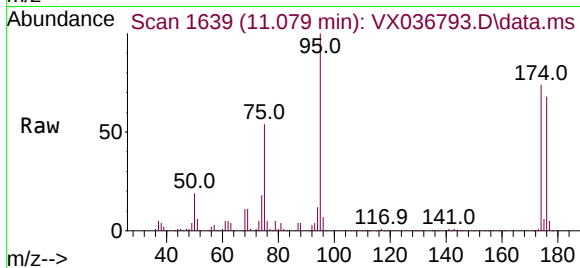
Tgt Ion: 95 Resp: 109393

Ion Ratio Lower Upper

95 100

174 74.0 0.0 135.6

176 70.9 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: VX036793.D

Acq: 03 Aug 2023 12:31

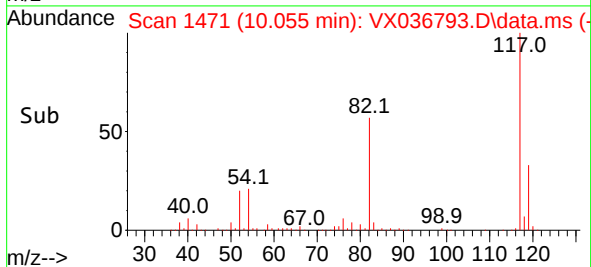
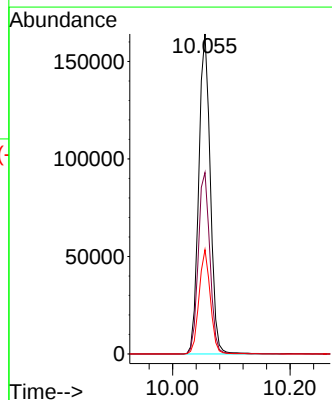
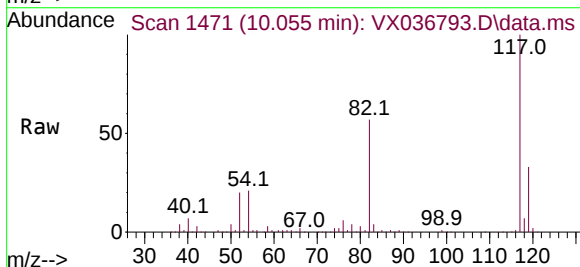
Tgt Ion: 117 Resp: 223636

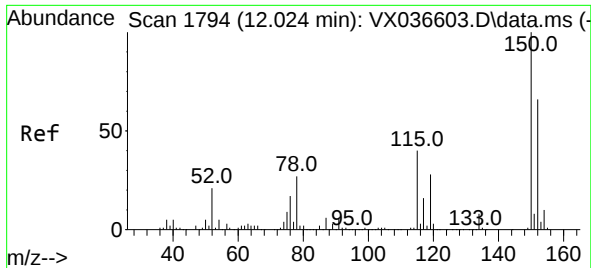
Ion Ratio Lower Upper

117 100

82 56.7 46.2 69.4

119 32.6 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: VX036793.D

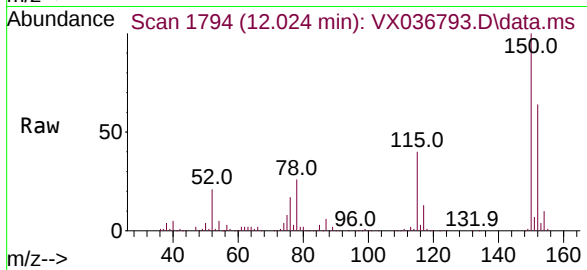
Acq: 03 Aug 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

MH-1



Tgt Ion:152 Resp: 102716

Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 157.5 0.0 345.0

