

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036887.D
 Acq On : 09 Aug 2023 13:00
 Operator : JC/MD
 Sample : 03945-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230808

Quant Time: Aug 10 01:16:15 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)

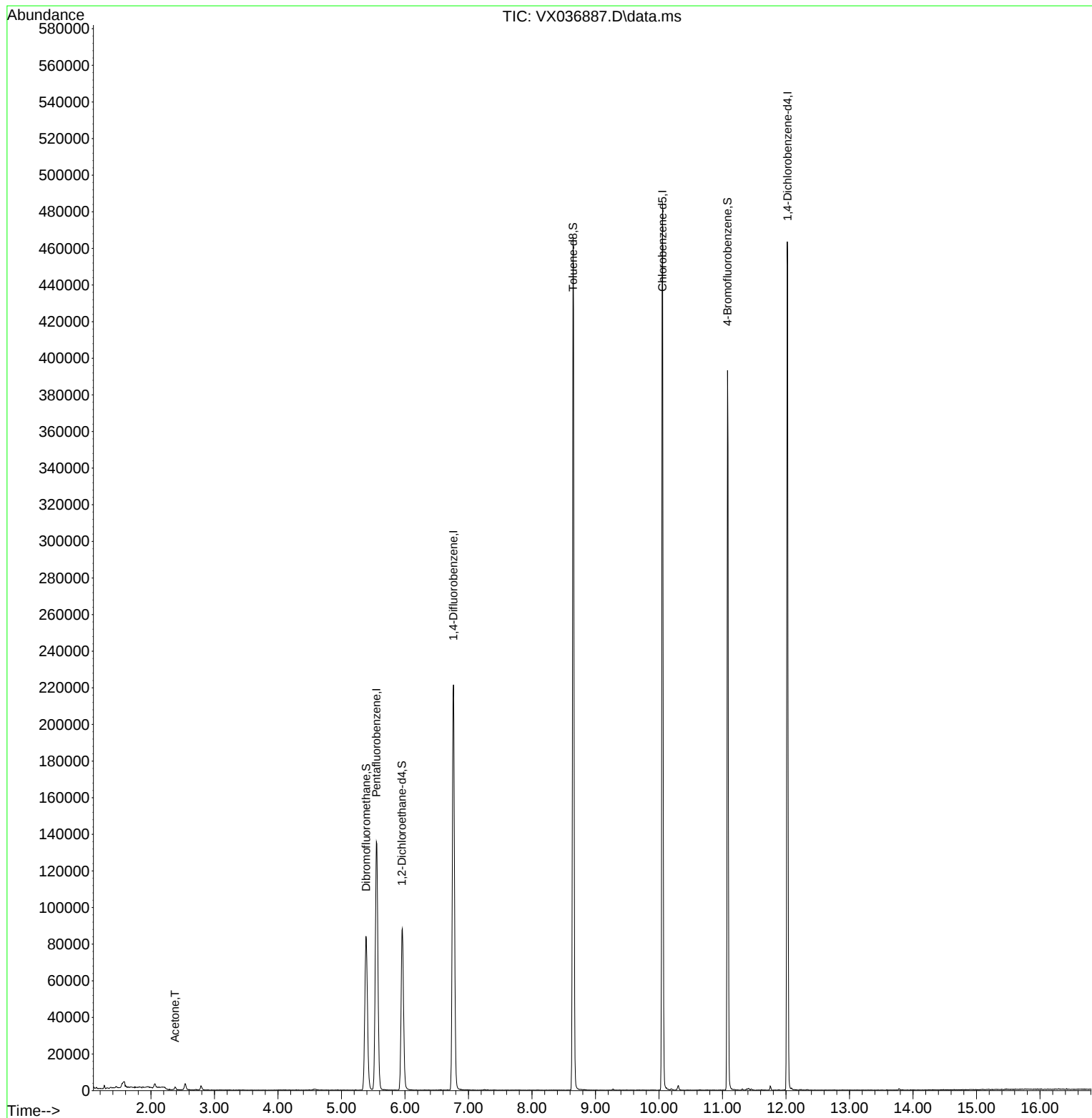
Internal Standards						
1) Pentafluorobenzene	5.550	168	126015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87785	47.080	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.160%
35) Dibromofluoromethane	5.385	113	74307	46.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.040%
50) Toluene-d8	8.647	98	276481	48.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	107065	50.095	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.200%
Target Compounds						
16) Acetone	2.380	43	1704	2.202	ug/l	Qvalue 96

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

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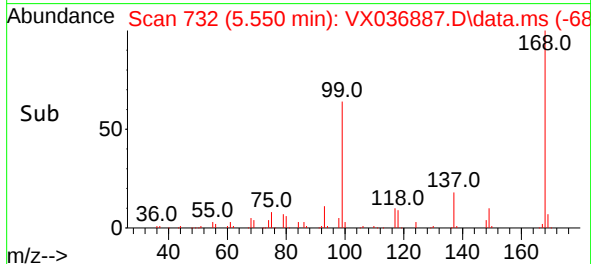
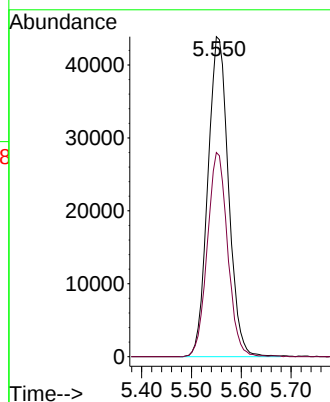
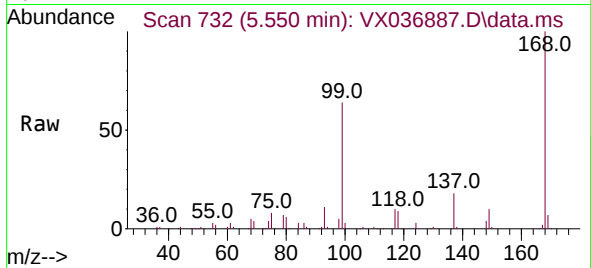




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

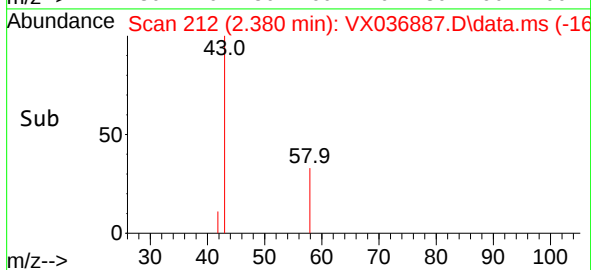
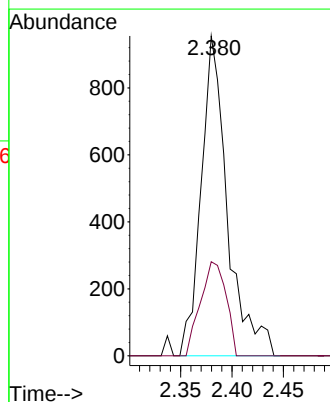
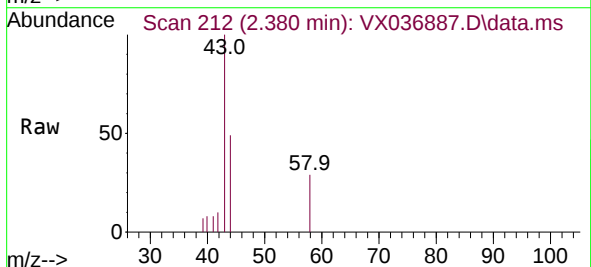
Instrument :
MSVOA_X
ClientSampleId :
TB-20230808

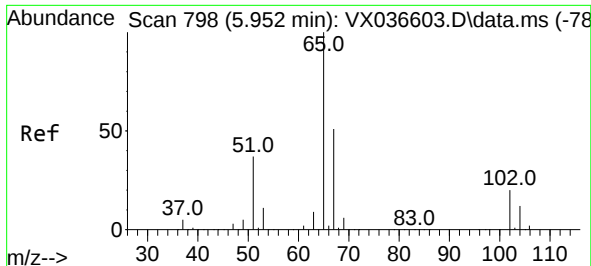
Tgt Ion:168 Resp: 126015
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#16
Acetone
Concen: 2.202 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 47.080 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036887.D

Acq: 09 Aug 2023 13:00

Instrument :

MSVOA_X

ClientSampleId :

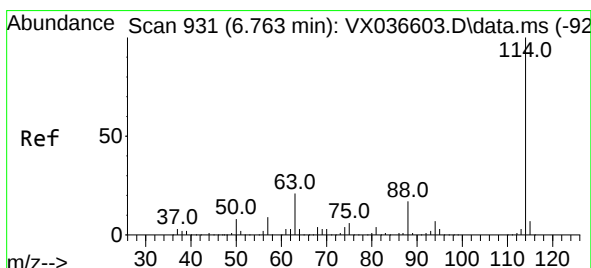
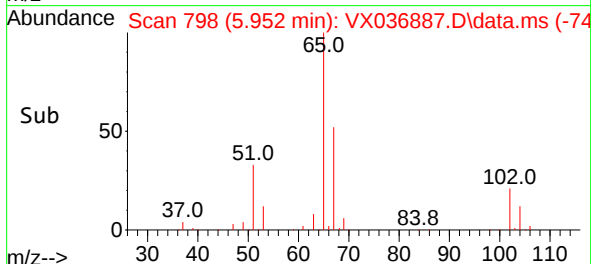
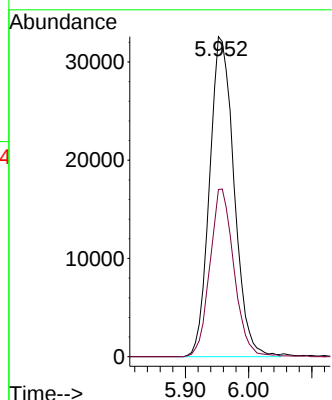
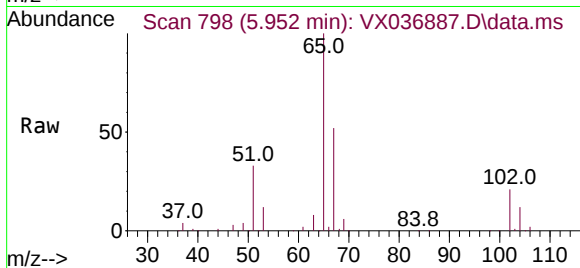
TB-20230808

Tgt Ion: 65 Resp: 87785

Ion Ratio Lower Upper

65 100

67 51.5 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: VX036887.D

Acq: 09 Aug 2023 13:00

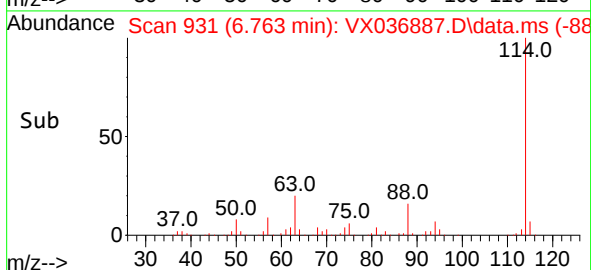
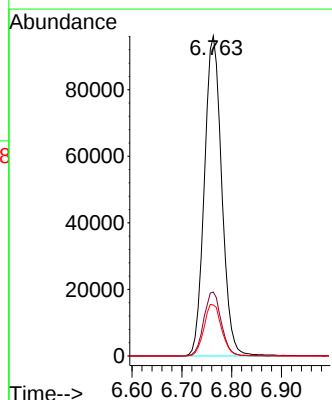
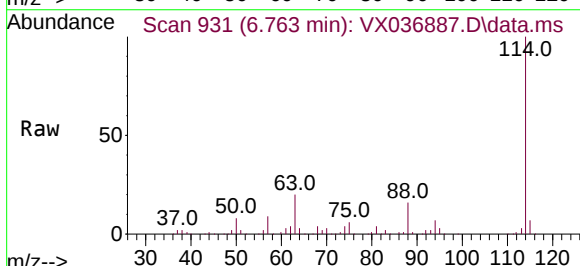
Tgt Ion: 114 Resp: 232404

Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

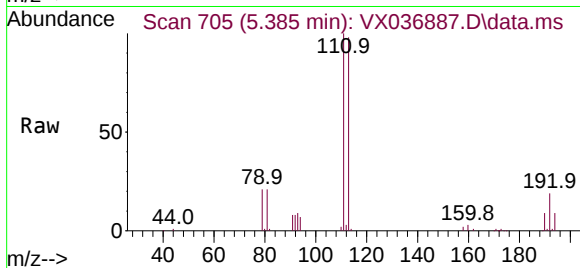
88 16.0 0.0 36.6



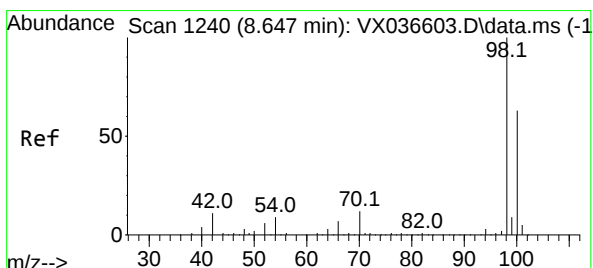
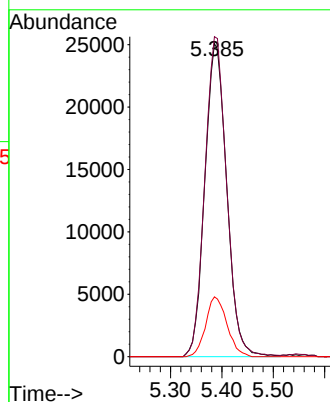
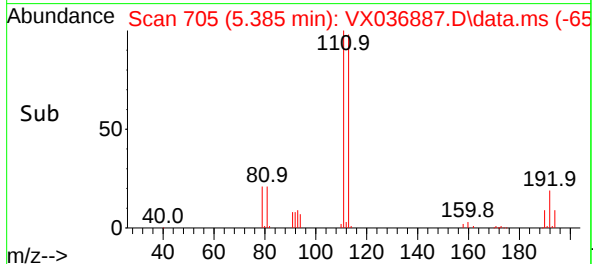


#35
Dibromofluoromethane
Concen: 46.517 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

Instrument :
MSVOA_X
ClientSampleId :
TB-20230808

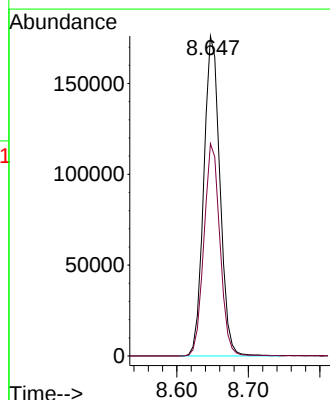
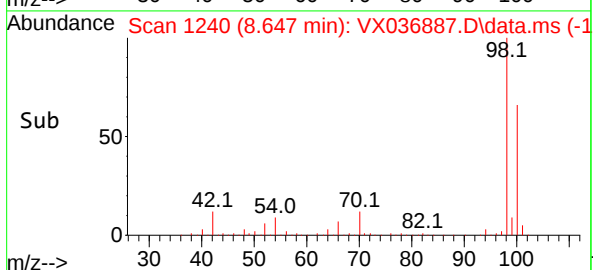
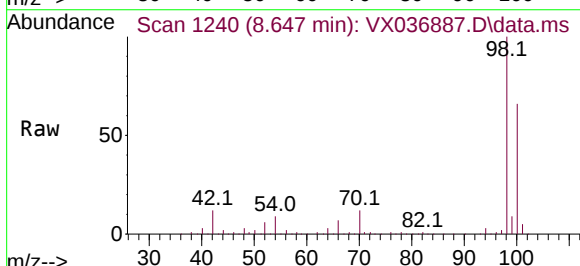


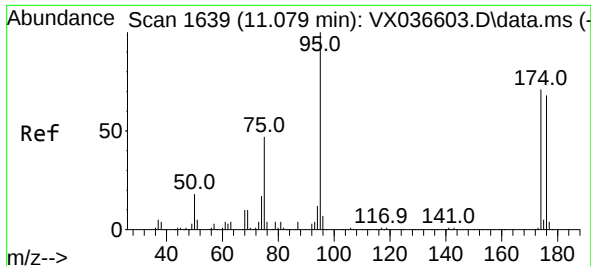
Tgt Ion:113 Resp: 74307
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.5 13.3 19.9



#50
Toluene-d8
Concen: 48.807 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

Tgt Ion: 98 Resp: 276481
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.095 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036887.D

Acq: 09 Aug 2023 13:00

Instrument :

MSVOA_X

ClientSampleId :

TB-20230808

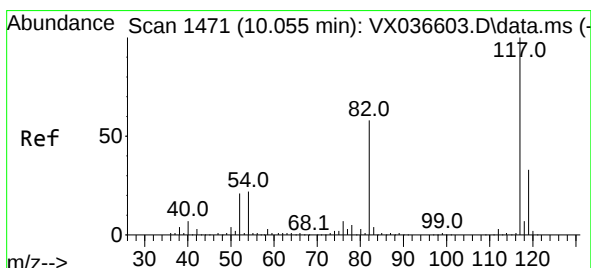
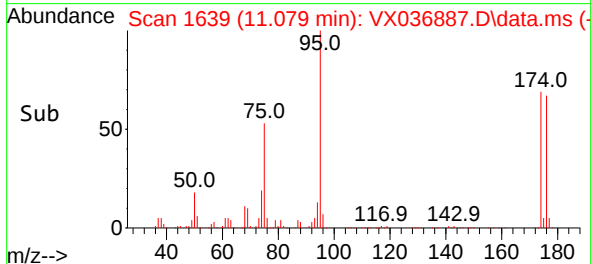
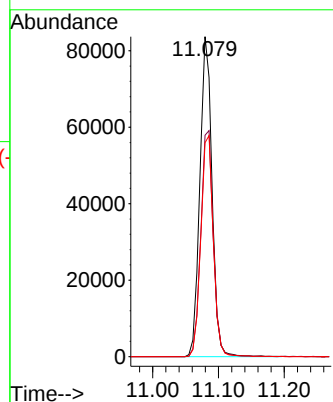
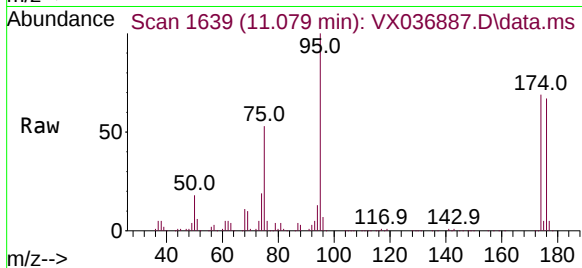
Tgt Ion: 95 Resp: 107065

Ion Ratio Lower Upper

95 100

174 72.7 0.0 135.6

176 71.1 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: VX036887.D

Acq: 09 Aug 2023 13:00

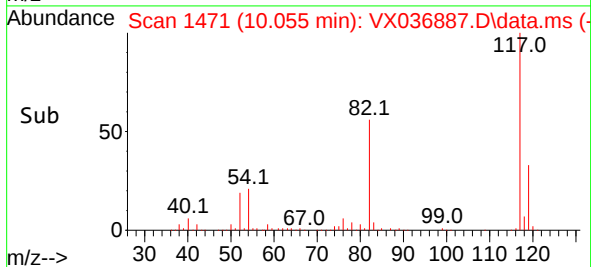
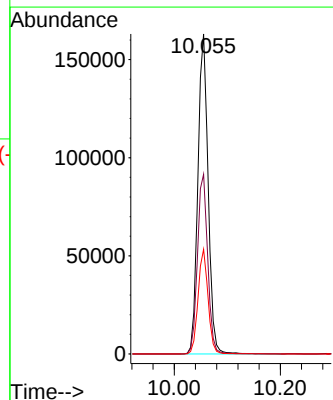
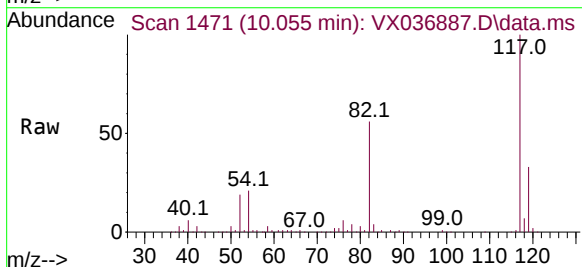
Tgt Ion: 117 Resp: 218185

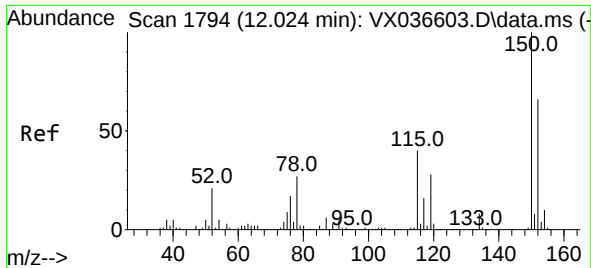
Ion Ratio Lower Upper

117 100

82 56.2 46.2 69.4

119 32.7 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: VX036887.D

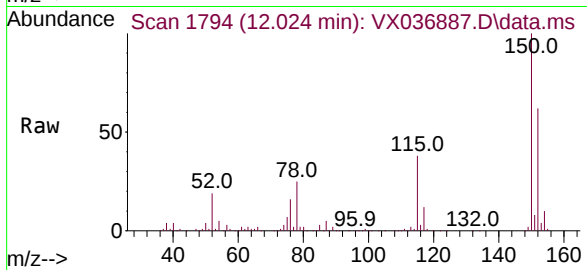
Acq: 09 Aug 2023 13:00

Instrument :

MSVOA_X

ClientSampleId :

TB-20230808



Tgt Ion:152 Resp: 96669

Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 158.5 0.0 345.0

