

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036750.D
 Acq On : 01 Aug 2023 15:50
 Operator : JC/MD
 Sample : 03856-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-04

Quant Time: Aug 02 06:25:32 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)

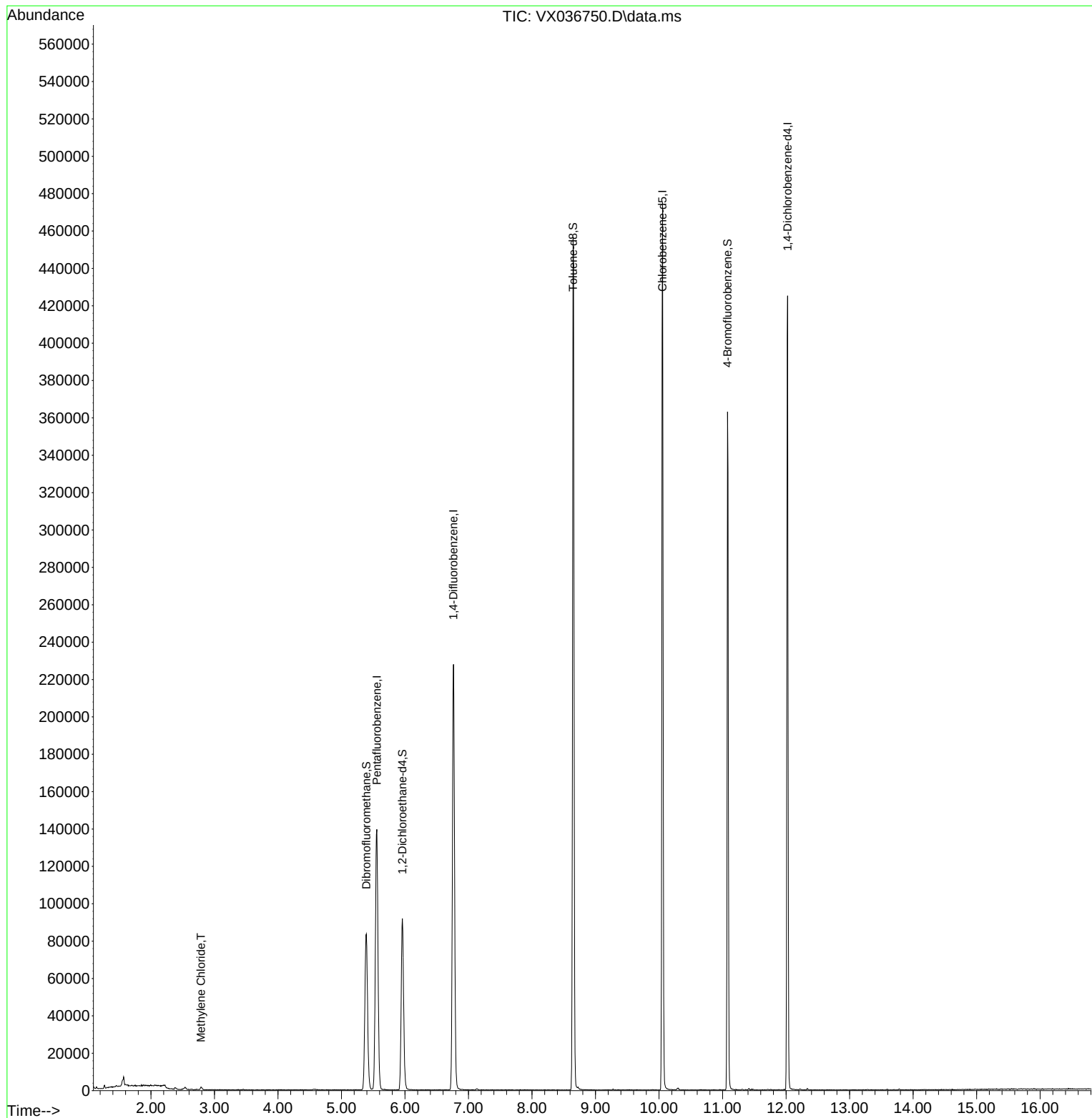
Internal Standards						
1) Pentafluorobenzene	5.556	168	130595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88039	45.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.120%
35) Dibromofluoromethane	5.391	113	74564	46.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	8.647	98	277555	48.508	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	98428	45.595	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%
Target Compounds						
20) Methylene Chloride	2.788	84	782	0.439	ug/l	Qvalue 95

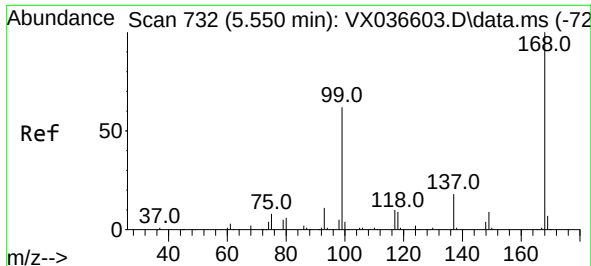
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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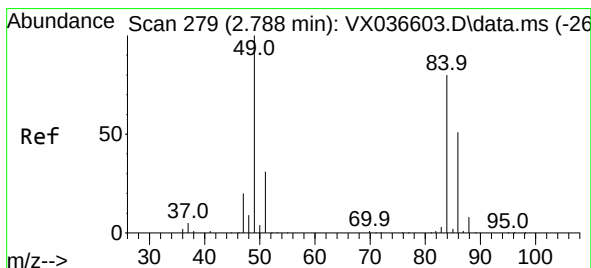
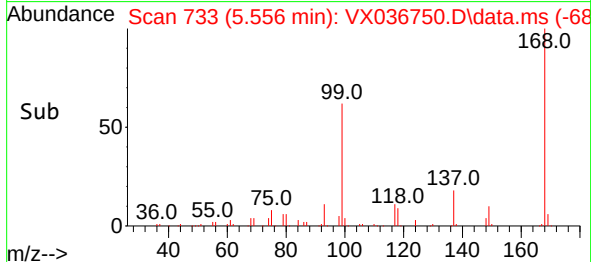
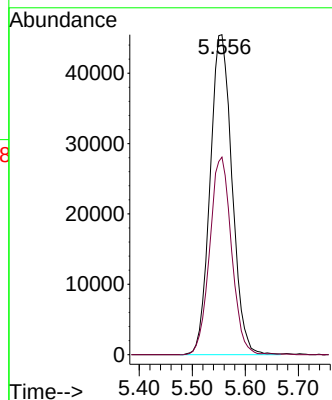
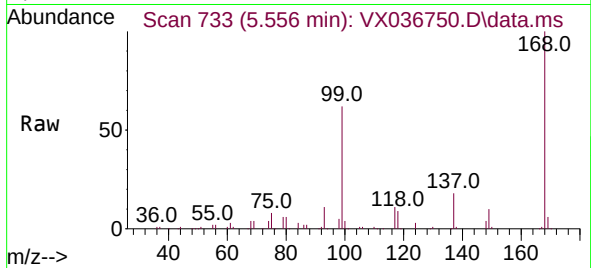




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

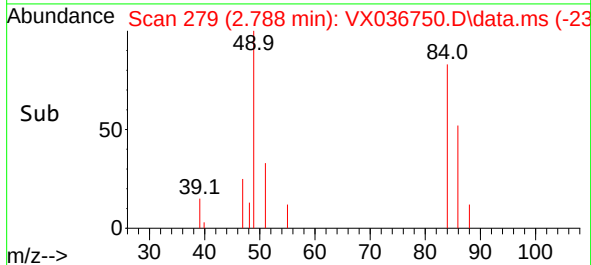
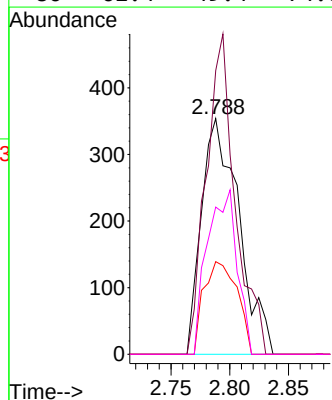
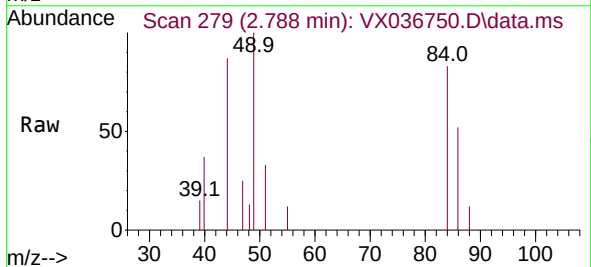
Instrument :
MSVOA_X
ClientSampleId :
TB-04

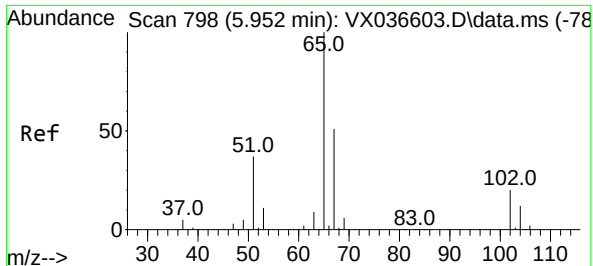
Tgt Ion:168 Resp: 130595
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#20
Methylene Chloride
Concen: 0.439 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion: 84 Resp: 782
Ion Ratio Lower Upper
84 100
49 120.3 103.6 155.4
51 39.3 33.8 50.6
86 62.4 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 45.561 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036750.D

Acq: 01 Aug 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

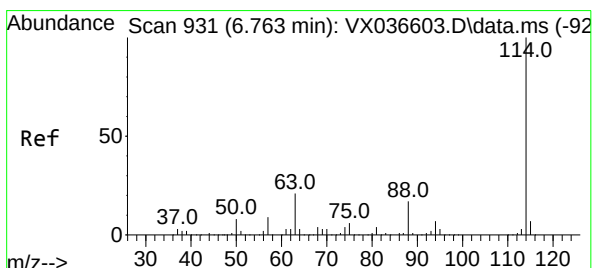
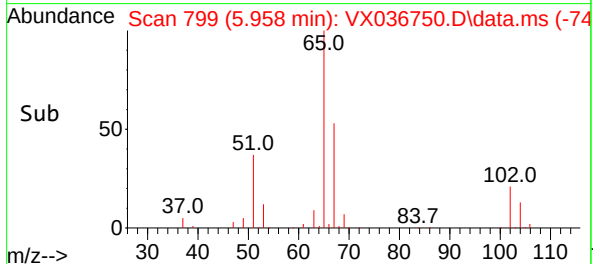
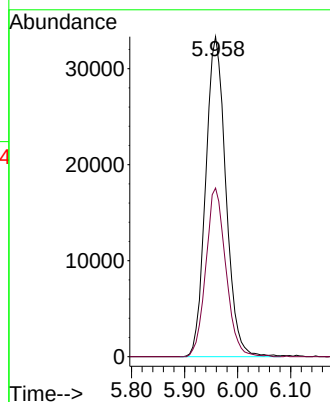
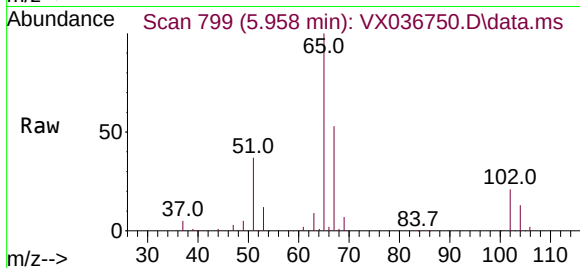
TB-04

Tgt Ion: 65 Resp: 88039

Ion Ratio Lower Upper

65 100

67 52.3 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: VX036750.D

Acq: 01 Aug 2023 15:50

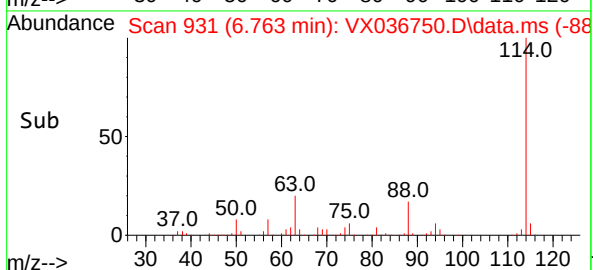
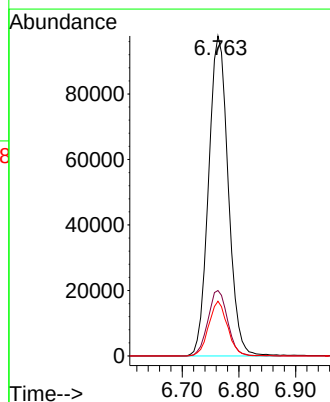
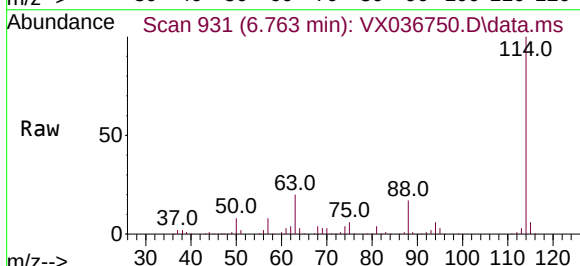
Tgt Ion: 114 Resp: 234744

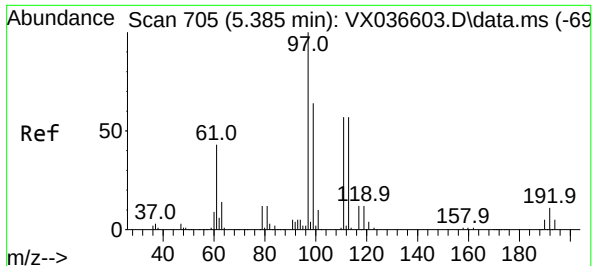
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.213 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036750.D

Acq: 01 Aug 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

TB-04

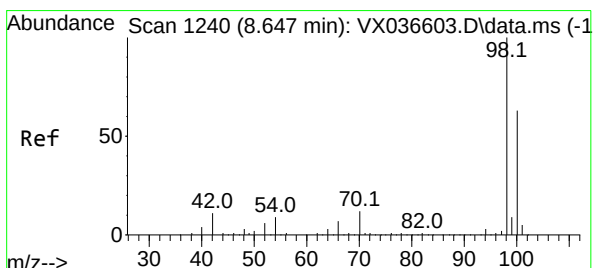
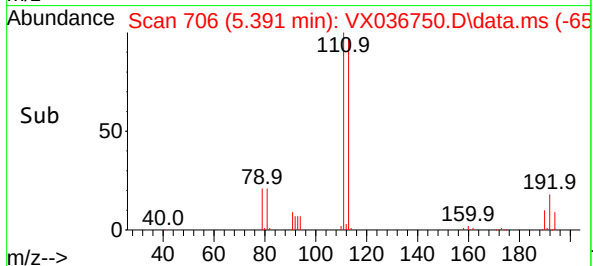
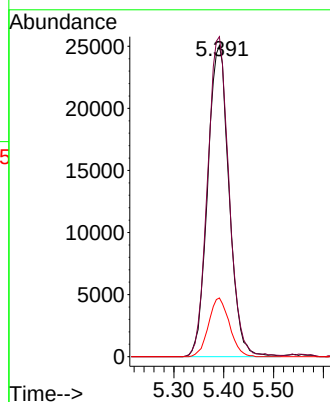
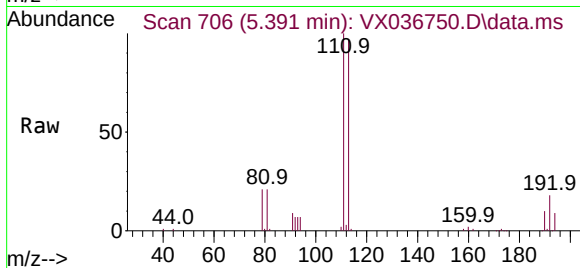
Tgt Ion:113 Resp: 74564

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 18.4 13.3 19.9



#50

Toluene-d8

Concen: 48.508 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036750.D

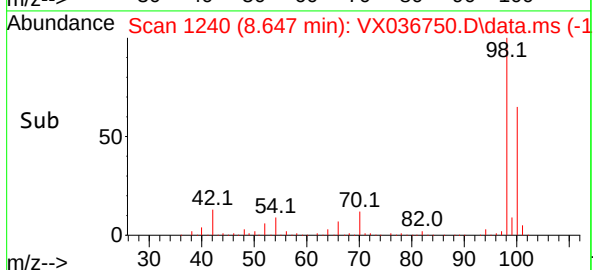
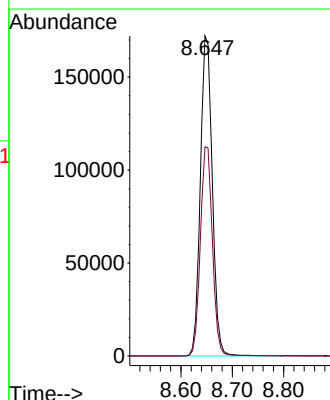
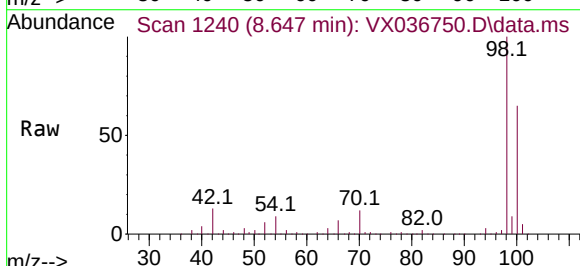
Acq: 01 Aug 2023 15:50

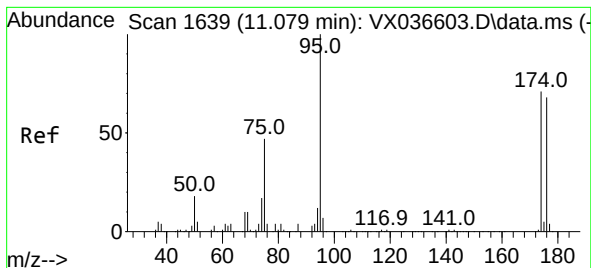
Tgt Ion: 98 Resp: 277555

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7

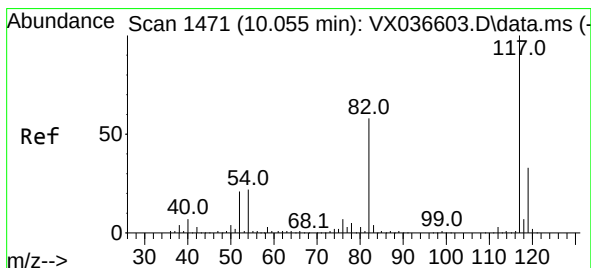
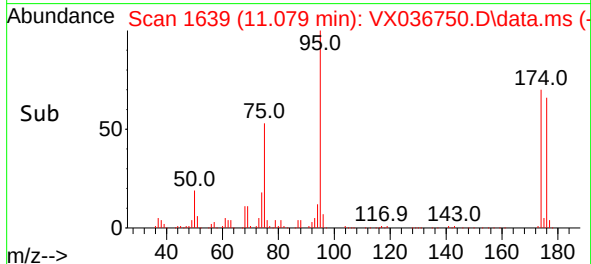
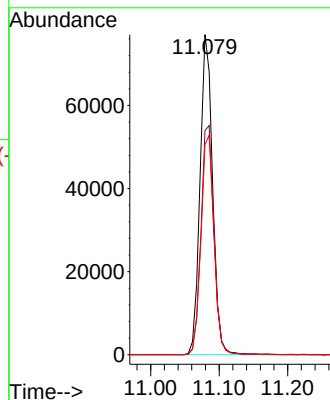
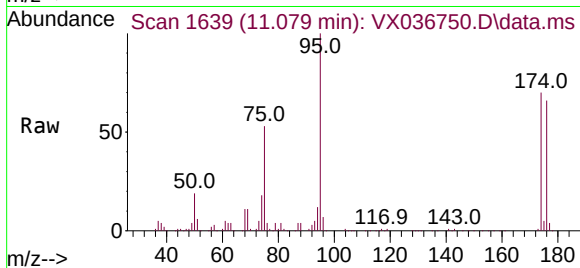




#62
4-Bromofluorobenzene
Concen: 45.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

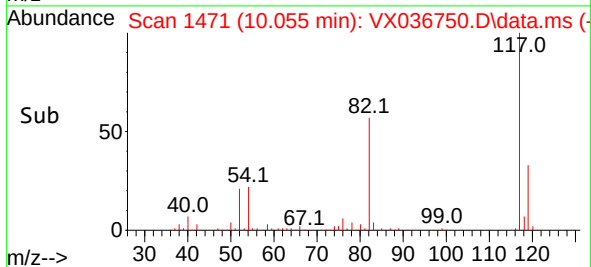
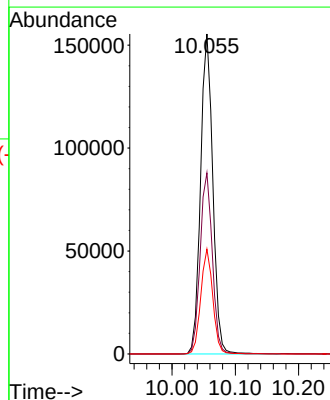
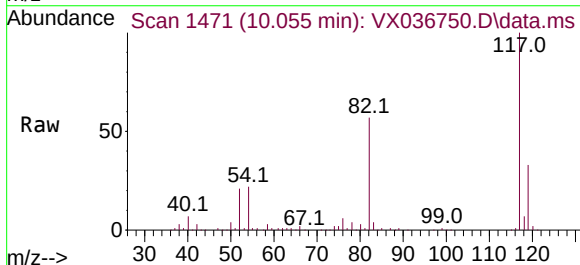
Instrument :
MSVOA_X
ClientSampleId :
TB-04

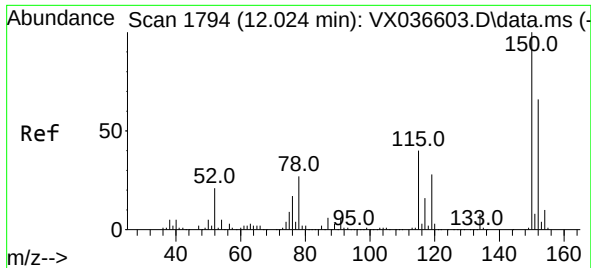
Tgt Ion: 95 Resp: 98428
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036750.D
Acq: 01 Aug 2023 15:50

Tgt Ion: 117 Resp: 209151
Ion Ratio Lower Upper
117 100
82 56.6 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: VX036750.D

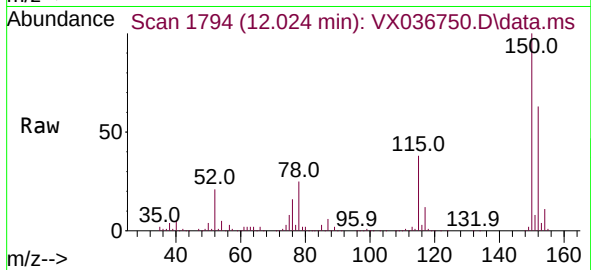
Acq: 01 Aug 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

TB-04



Tgt Ion:152 Resp: 87602

Ion Ratio Lower Upper

152 100

115 62.0 43.3 129.9

150 158.0 0.0 345.0

