

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037780.D
 Acq On : 18 Sep 2023 16:50
 Operator : JC/MD
 Sample : 04389-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-20230907

Quant Time: Sep 19 07:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

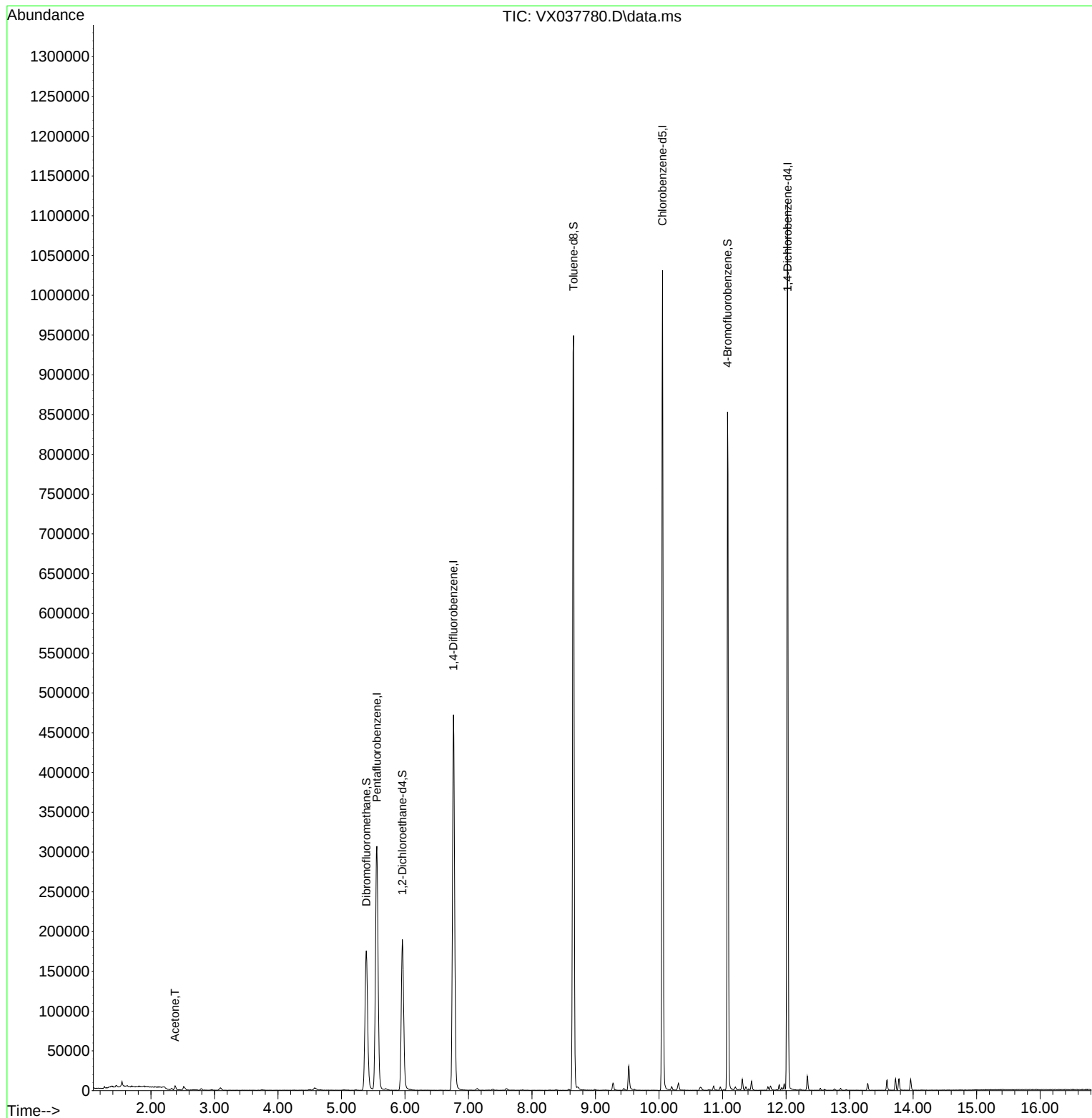
Internal Standards						
1) Pentafluorobenzene	5.556	168	299215	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	497538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	474389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179464	45.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.300%
35) Dibromofluoromethane	5.391	113	154728	46.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.653	98	595099	48.110	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.220%
62) 4-Bromofluorobenzene	11.079	95	223951	49.824	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.640%
Target Compounds						
16) Acetone	2.379	43	5562	2.941	ug/l	Qvalue 98

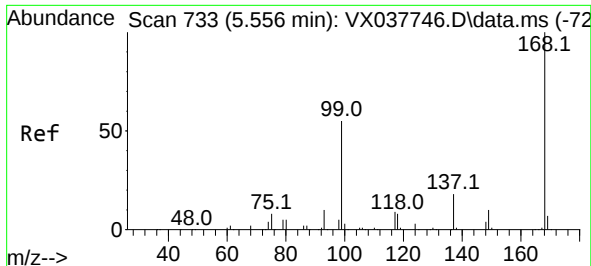
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

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ClientSampleId :

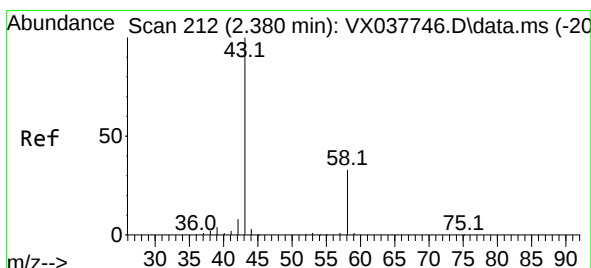
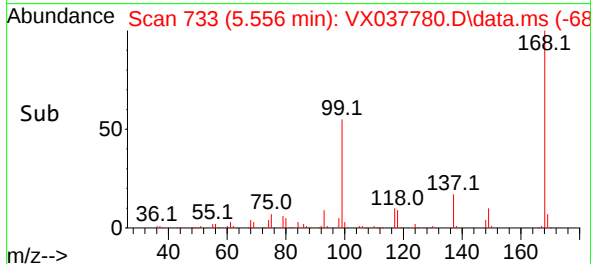
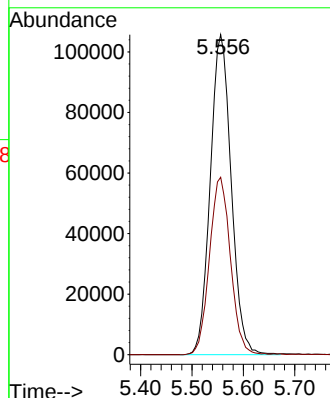
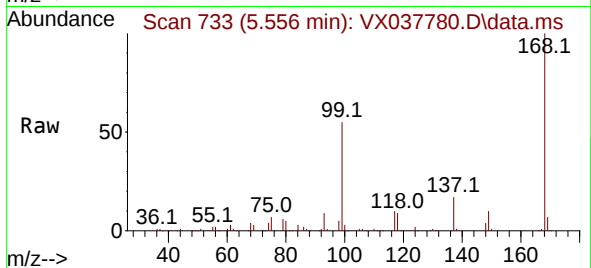
FB-20230907

Tgt Ion:168 Resp: 299215

Ion Ratio Lower Upper

168 100

99 55.5 56.6 85.0#



#16

Acetone

Concen: 2.941 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037780.D

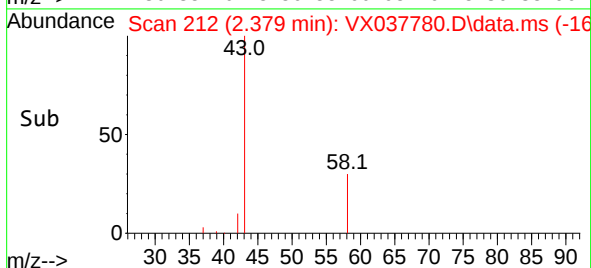
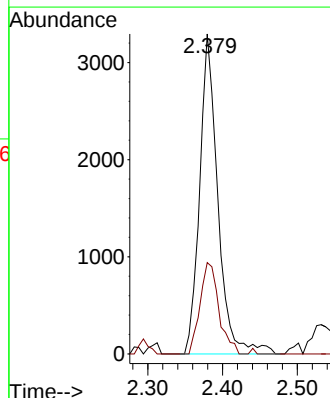
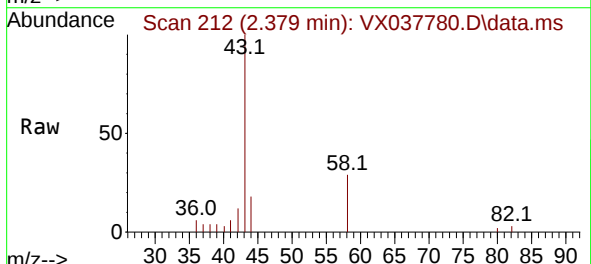
Acq: 18 Sep 2023 16:50

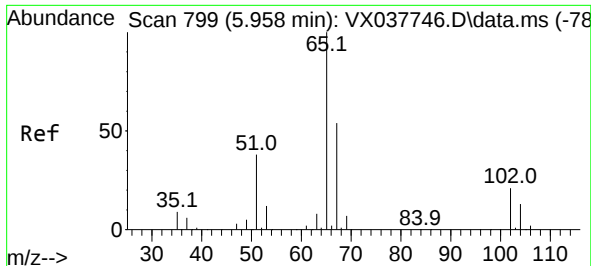
Tgt Ion: 43 Resp: 5562

Ion Ratio Lower Upper

43 100

58 28.5 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 45.651 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

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ClientSampleId :

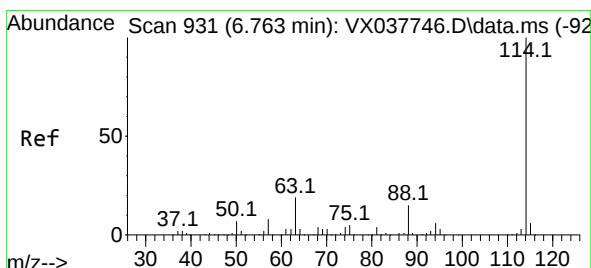
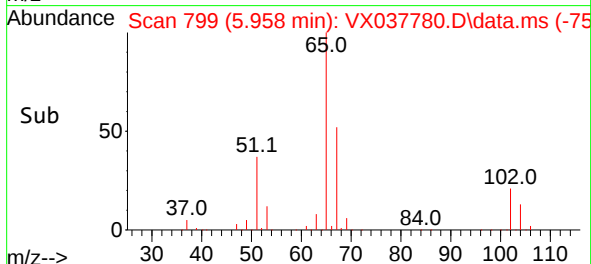
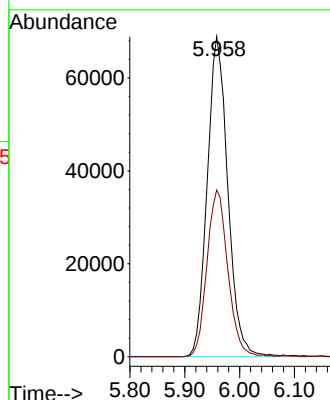
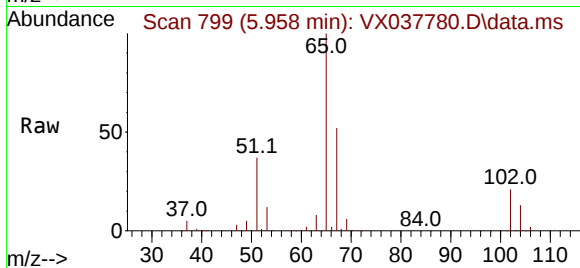
FB-20230907

Tgt Ion: 65 Resp: 179464

Ion Ratio Lower Upper

65 100

67 52.9 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: VX037780.D

Acq: 18 Sep 2023 16:50

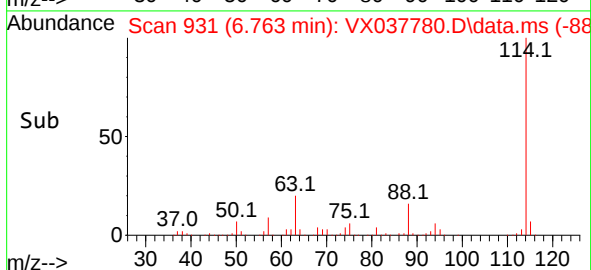
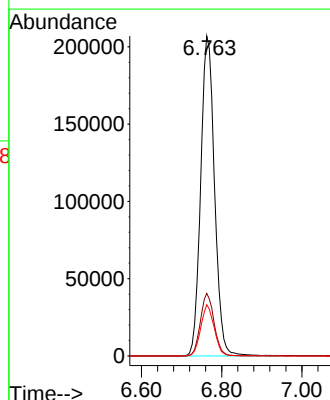
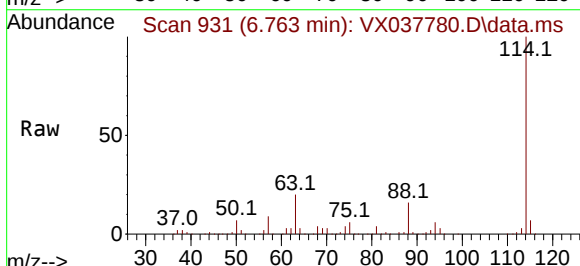
Tgt Ion: 114 Resp: 497538

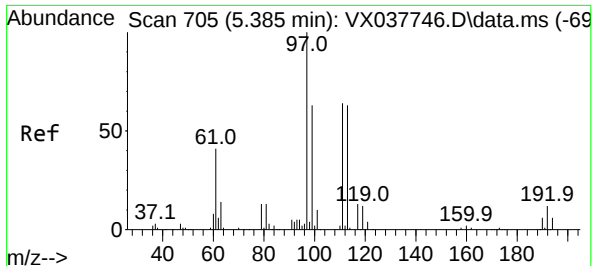
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.478 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037780.D

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Instrument :

MSVOA_X

ClientSampleId :

FB-20230907

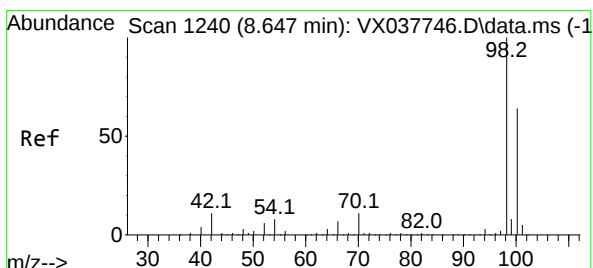
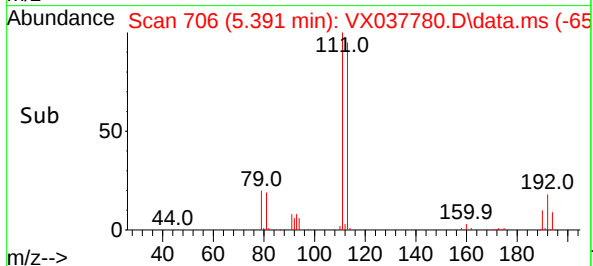
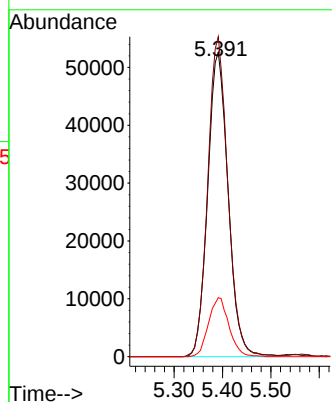
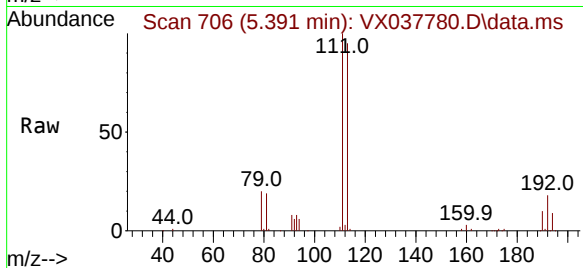
Tgt Ion:113 Resp: 154728

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 19.3 13.3 19.9



#50

Toluene-d8

Concen: 48.110 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037780.D

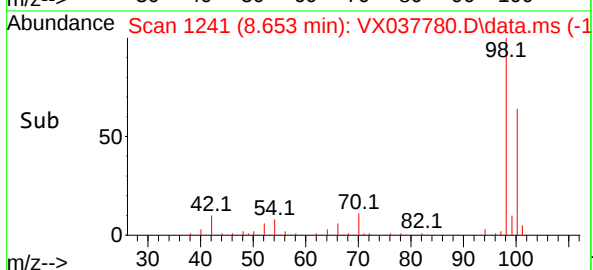
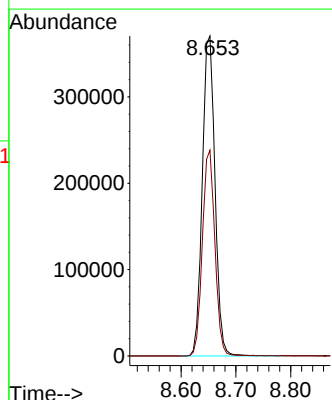
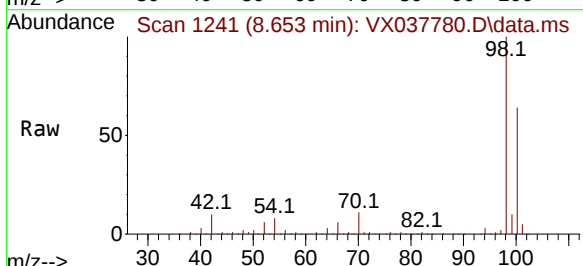
Acq: 18 Sep 2023 16:50

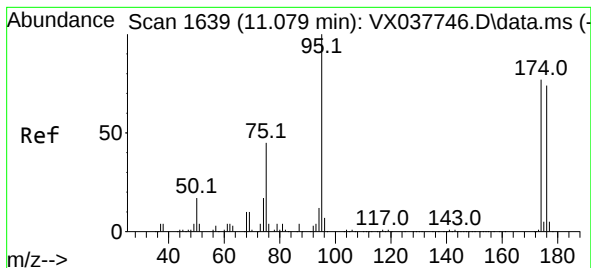
Tgt Ion: 98 Resp: 595099

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7

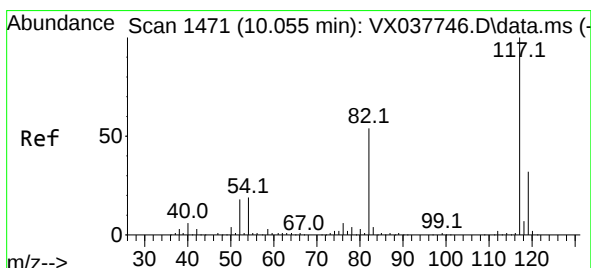
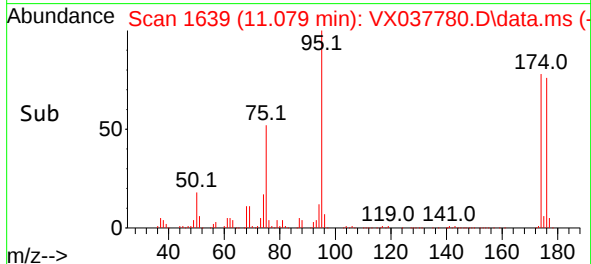
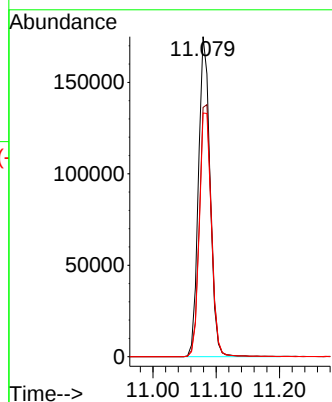
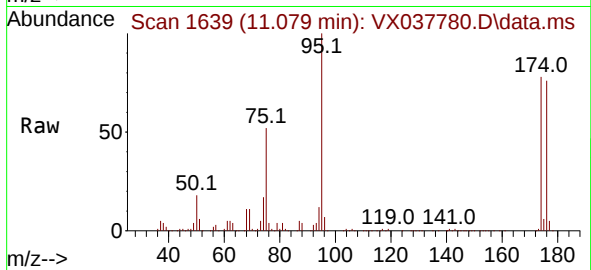




#62
4-Bromofluorobenzene
Concen: 49.824 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037780.D
Acq: 18 Sep 2023 16:50

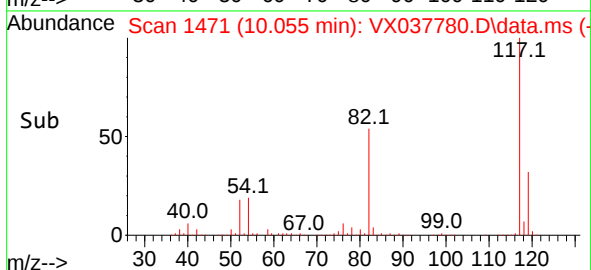
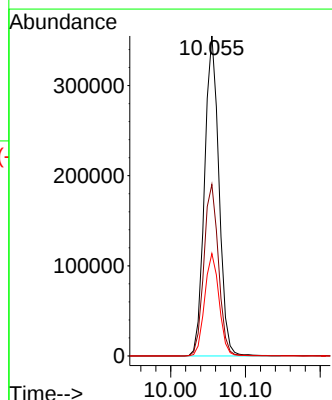
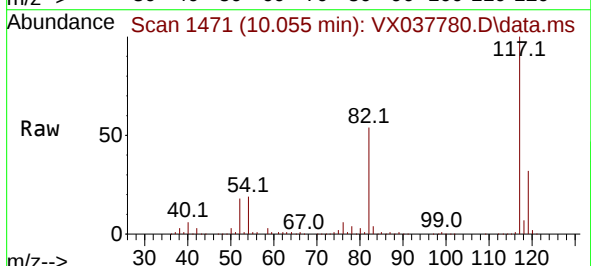
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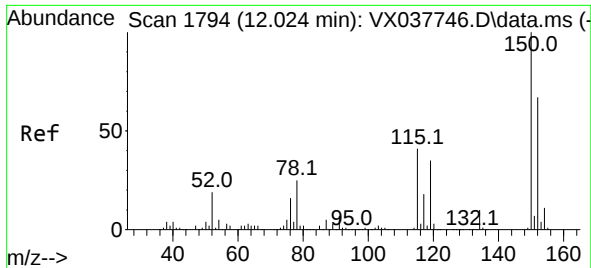
Tgt Ion: 95 Resp: 223951
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 79.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037780.D
Acq: 18 Sep 2023 16:50

Tgt Ion: 117 Resp: 474389
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.0 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: VX037780.D

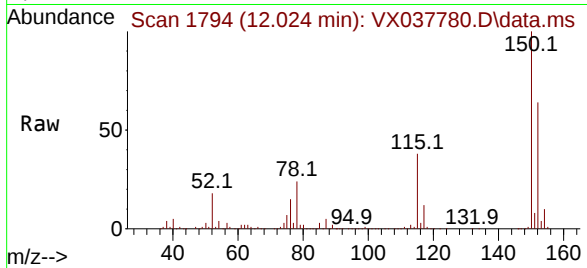
Acq: 18 Sep 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

FB-20230907



Tgt Ion:152 Resp: 236439

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 156.1 0.0 345.0

