

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037803.D
 Acq On : 19 Sep 2023 14:07
 Operator : JC/MD
 Sample : 04491-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-9-15

Quant Time: Sep 20 01:02:20 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)

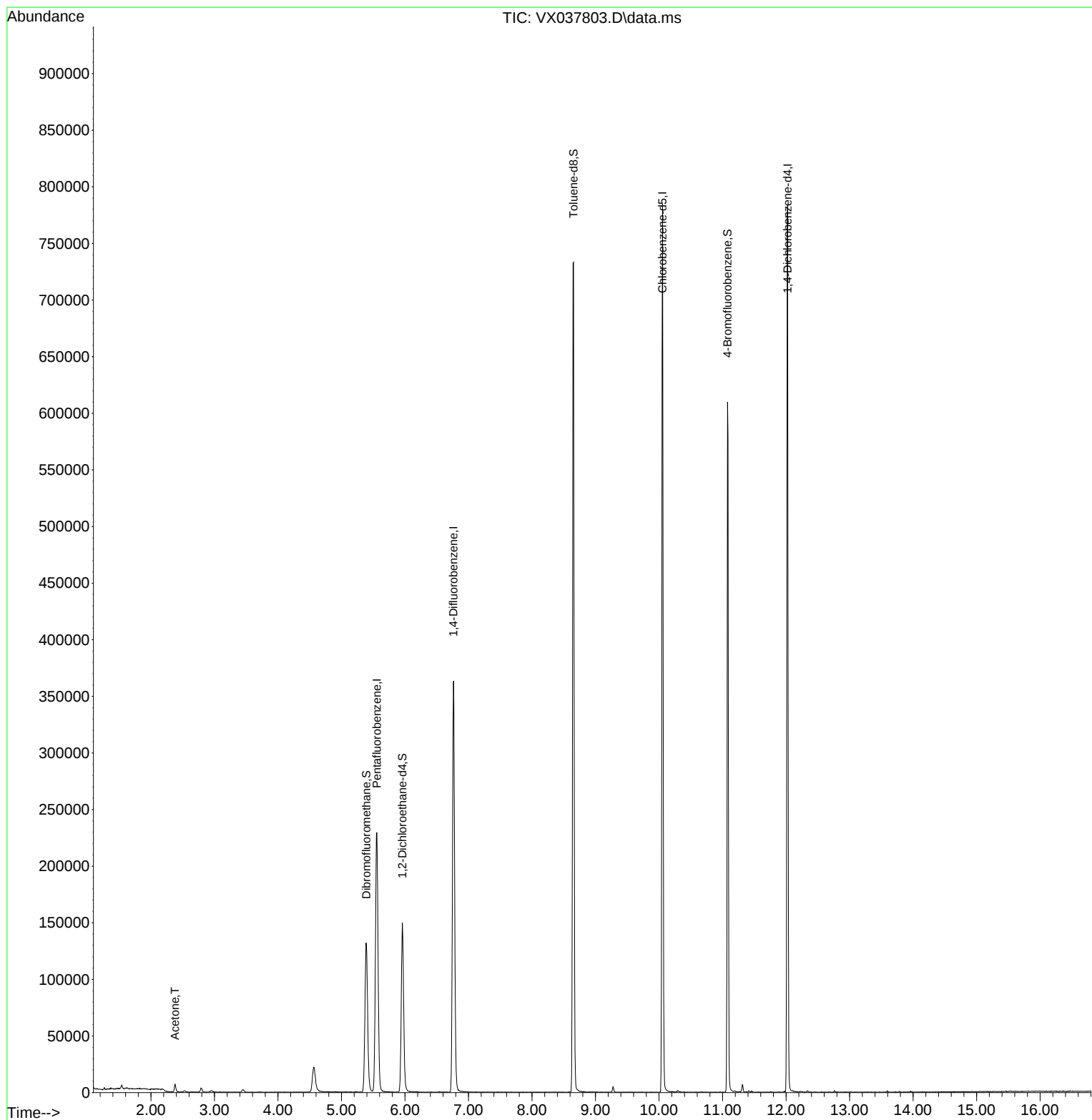
Internal Standards						
1) Pentafluorobenzene	5.556	168	224204	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	378190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139223	47.263	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.520%
35) Dibromofluoromethane	5.391	113	117193	46.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.653	98	458922	48.809	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	162912	47.682	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.360%
Target Compounds						
16) Acetone	2.380	43	7130	5.032	ug/l	Qvalue 91

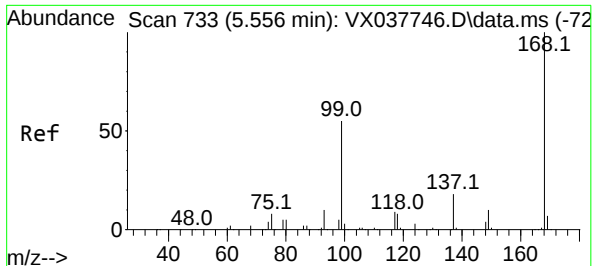
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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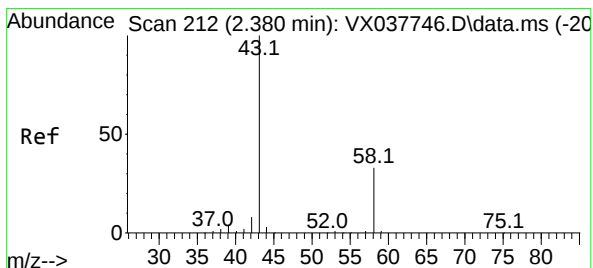
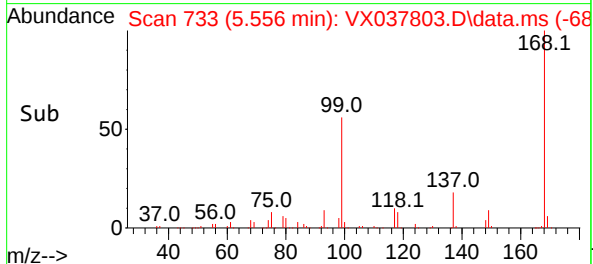
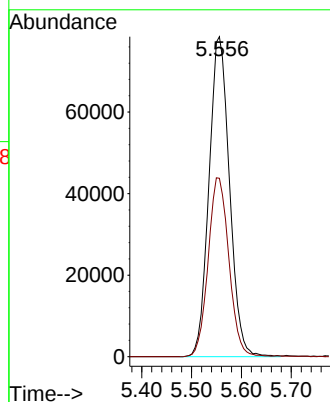
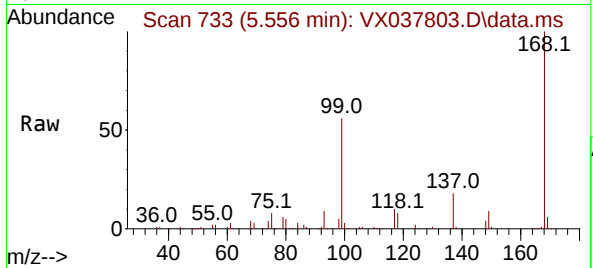




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037803.D
Acq: 19 Sep 2023 14:07

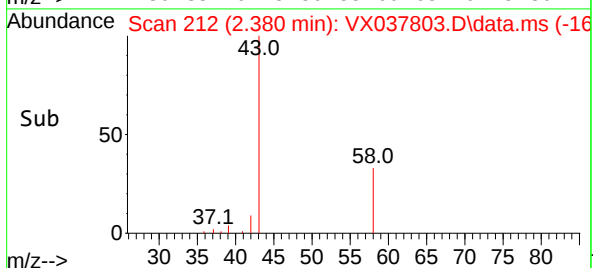
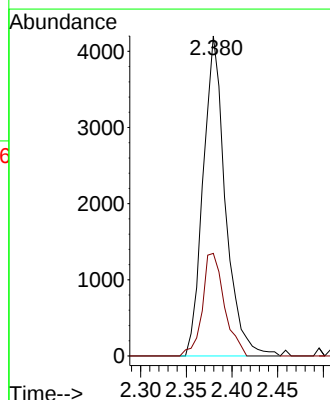
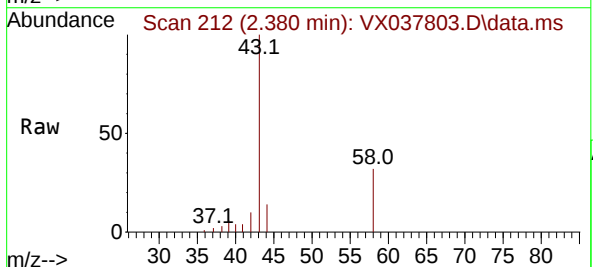
Instrument :
MSVOA_X
ClientSampleId :
FB-9-15

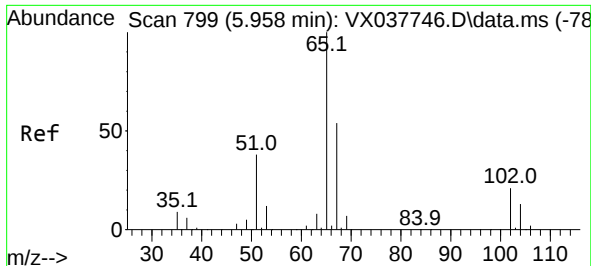
Tgt Ion:168 Resp: 224204
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#16
Acetone
Concen: 5.032 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037803.D
Acq: 19 Sep 2023 14:07

Tgt Ion: 43 Resp: 7130
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 47.263 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037803.D

Acq: 19 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

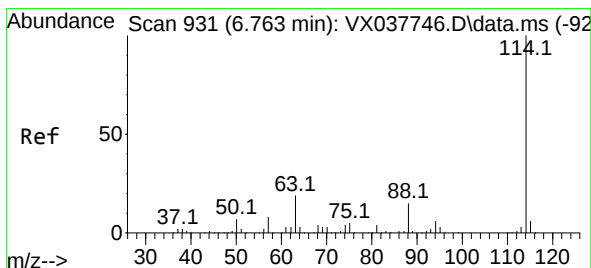
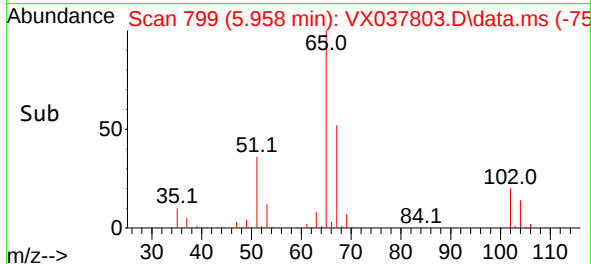
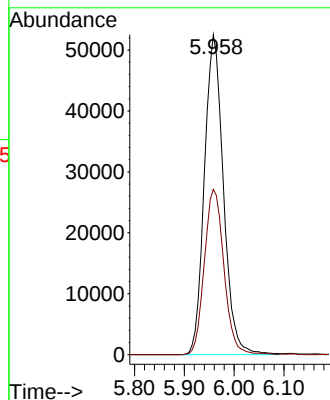
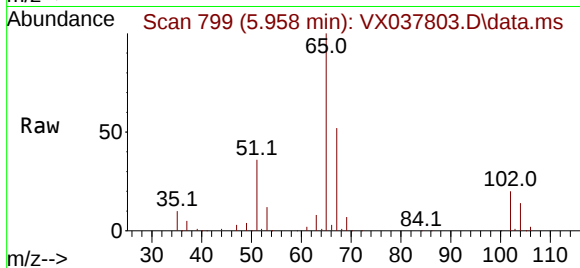
FB-9-15

Tgt Ion: 65 Resp: 139223

Ion Ratio Lower Upper

65 100

67 53.3 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: VX037803.D

Acq: 19 Sep 2023 14:07

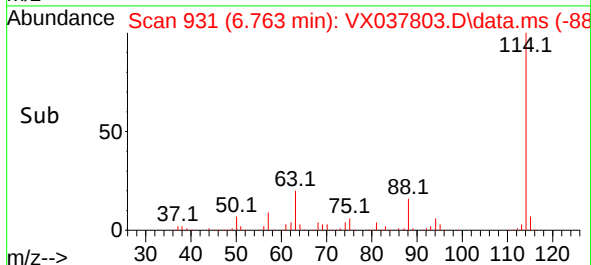
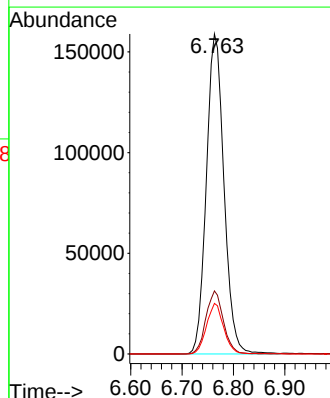
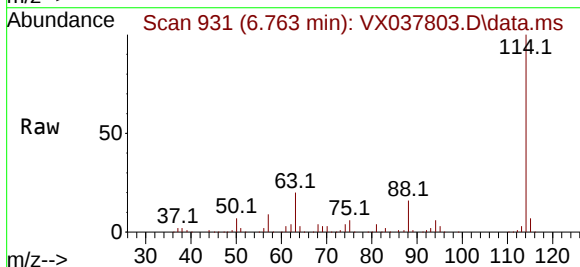
Tgt Ion: 114 Resp: 378190

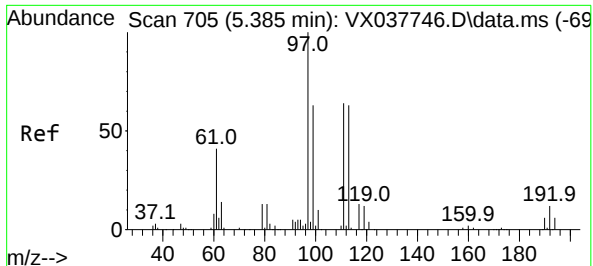
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.312 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037803.D

Acq: 19 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

FB-9-15

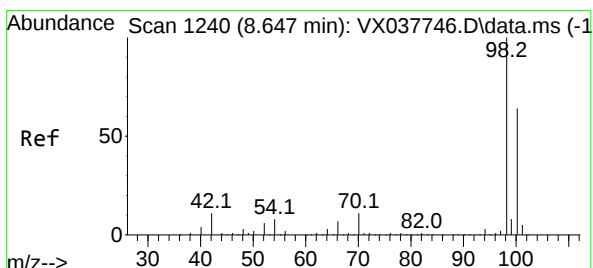
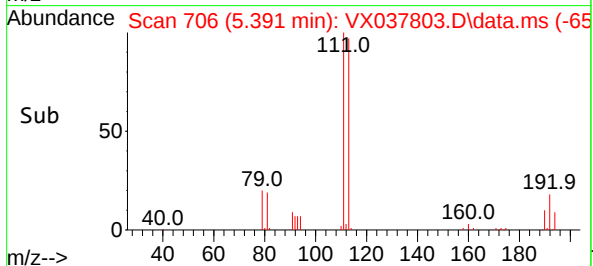
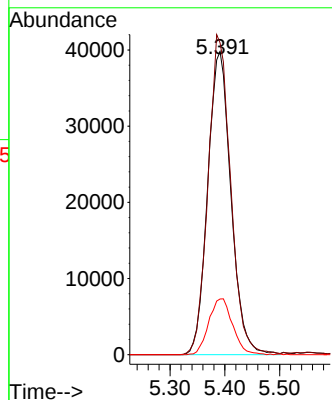
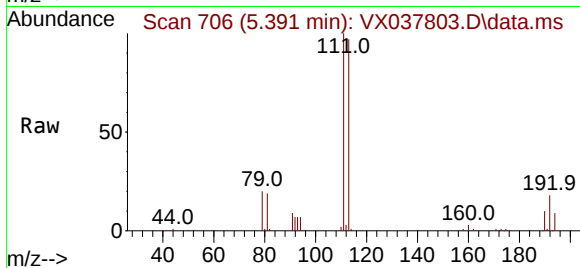
Tgt Ion:113 Resp: 117193

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.9 13.3 19.9



#50

Toluene-d8

Concen: 48.809 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037803.D

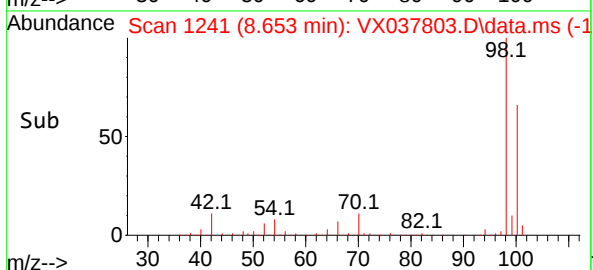
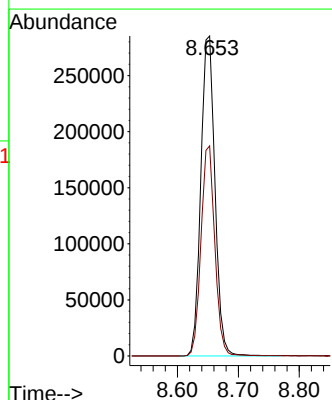
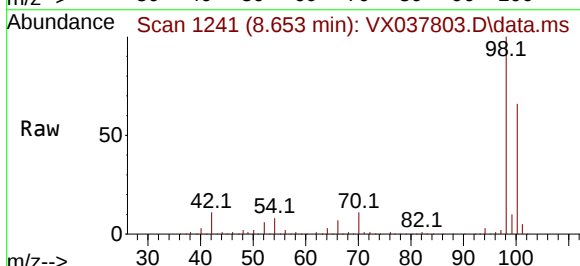
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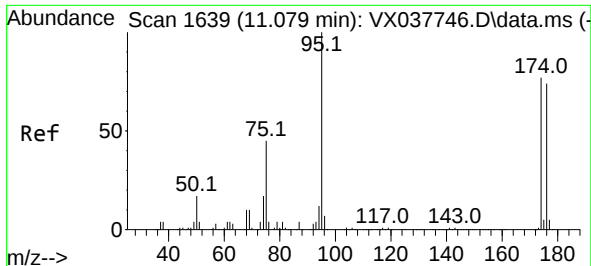
Tgt Ion: 98 Resp: 458922

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7

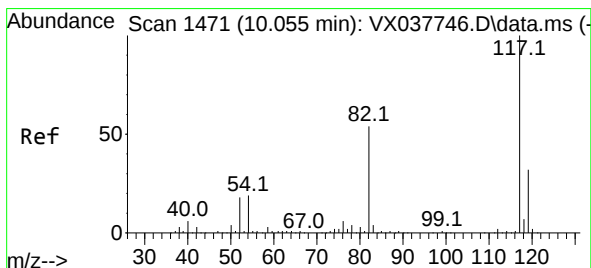
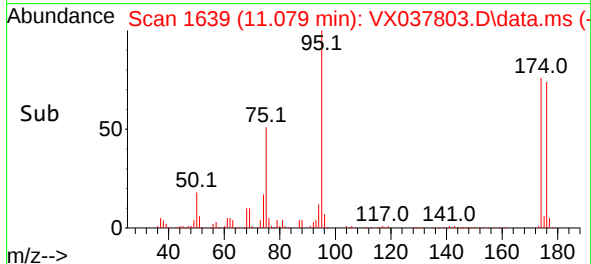
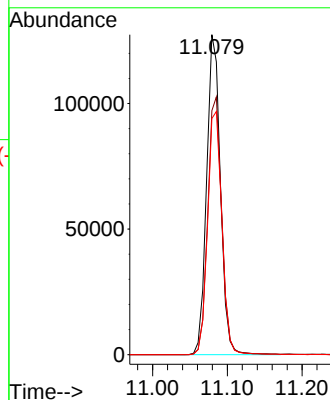
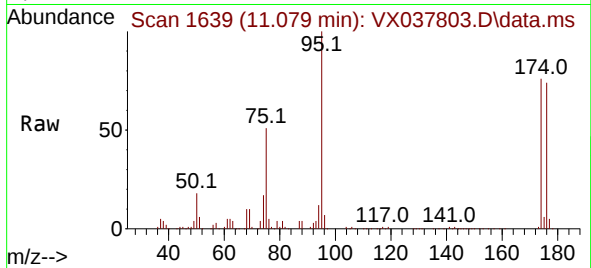




#62
4-Bromofluorobenzene
Concen: 47.682 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037803.D
Acq: 19 Sep 2023 14:07

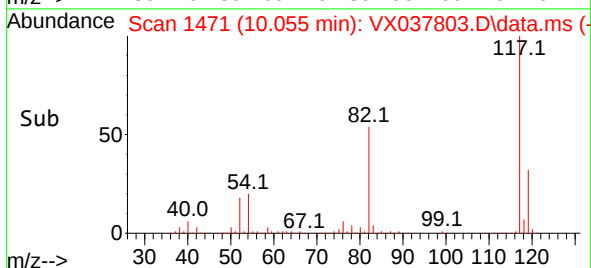
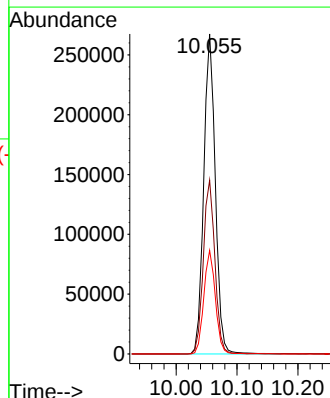
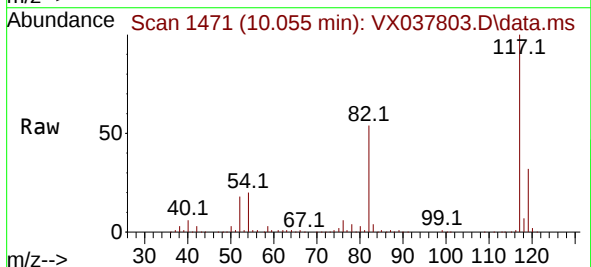
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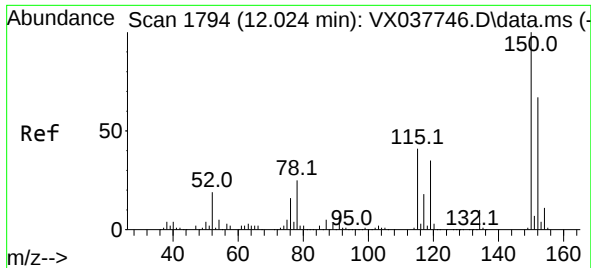
Tgt Ion: 95 Resp: 162912
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 79.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037803.D
Acq: 19 Sep 2023 14:07

Tgt Ion: 117 Resp: 353904
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.3 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: VX037803.D

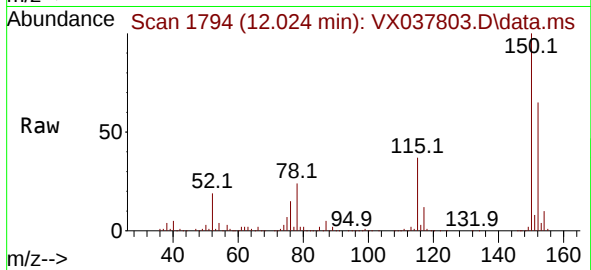
Acq: 19 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

FB-9-15



Tgt Ion:152 Resp: 169853

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 155.2 0.0 345.0

