

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038397.D
 Acq On : 20 Oct 2023 13:10
 Operator : JC/MD
 Sample : 04985-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101823

Quant Time: Oct 21 01:29:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

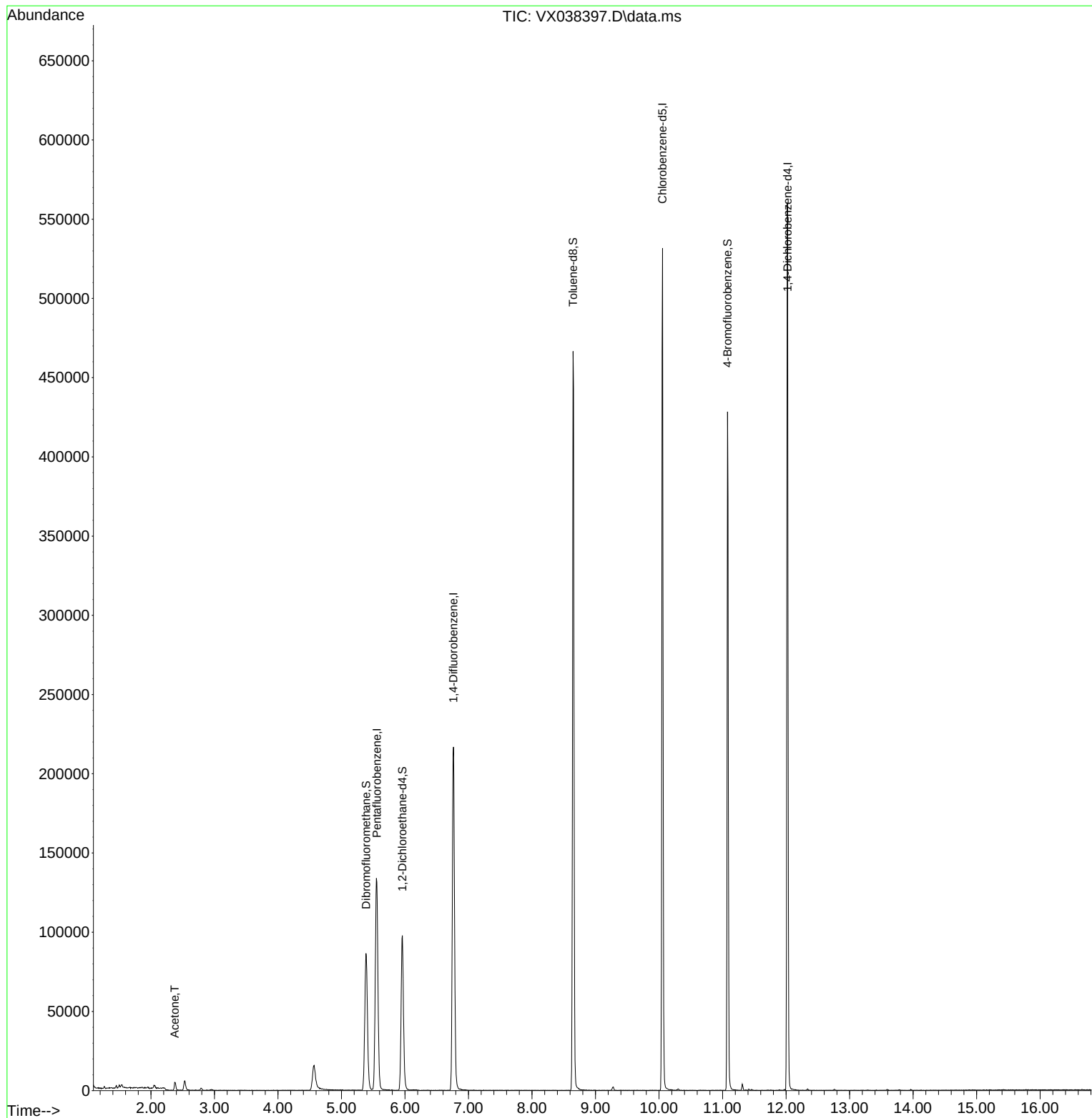
Internal Standards						
1) Pentafluorobenzene	5.556	168	128114	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90978	44.151	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.300%
35) Dibromofluoromethane	5.385	113	75300	45.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.480%
50) Toluene-d8	8.647	98	285581	45.399	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.800%#
62) 4-Bromofluorobenzene	11.079	95	107730	45.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%
Target Compounds						
16) Acetone	2.373	43	5543	6.445	ug/l	Qvalue 98

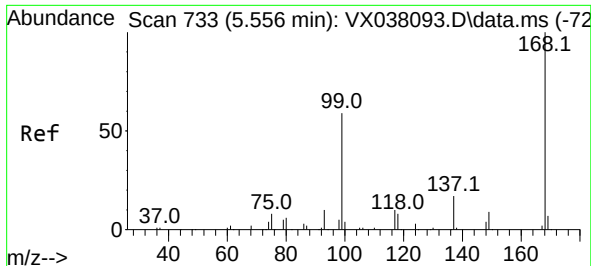
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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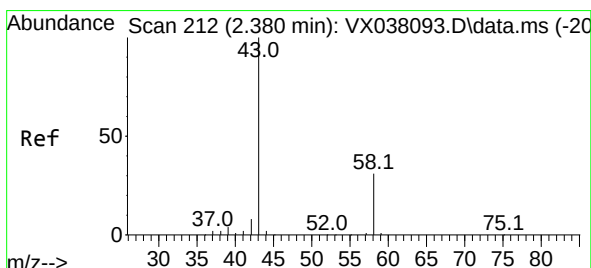
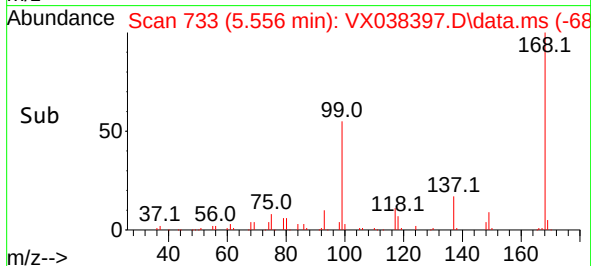
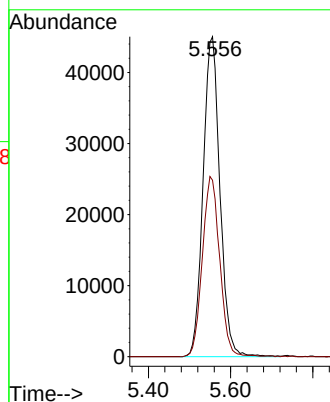
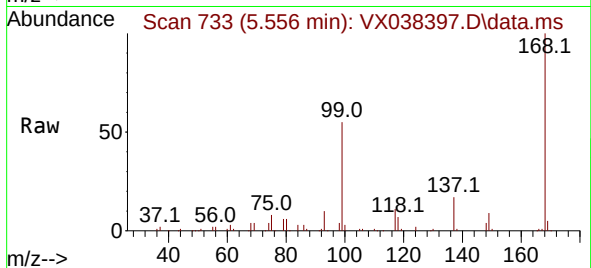




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038397.D
Acq: 20 Oct 2023 13:10

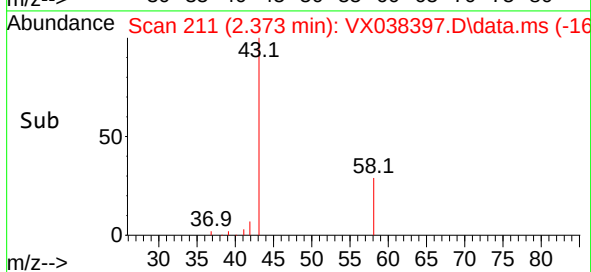
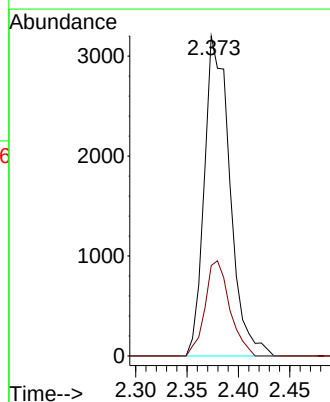
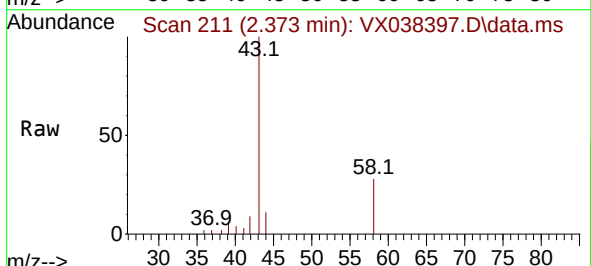
Instrument :
MSVOA_X
ClientSampleId :
FB-101823

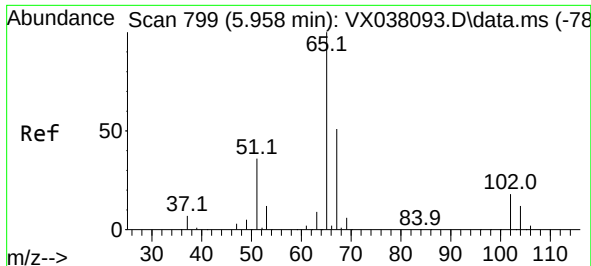
Tgt Ion:168 Resp: 128114
Ion Ratio Lower Upper
168 100
99 55.2 56.6 85.0#



#16
Acetone
Concen: 6.445 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038397.D
Acq: 20 Oct 2023 13:10

Tgt Ion: 43 Resp: 5543
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9

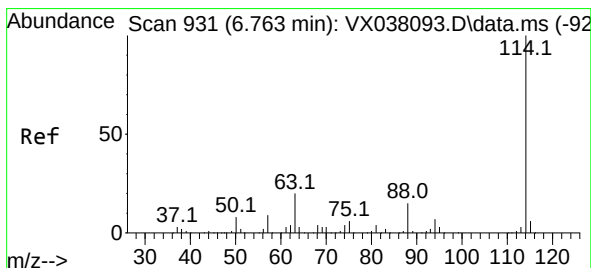
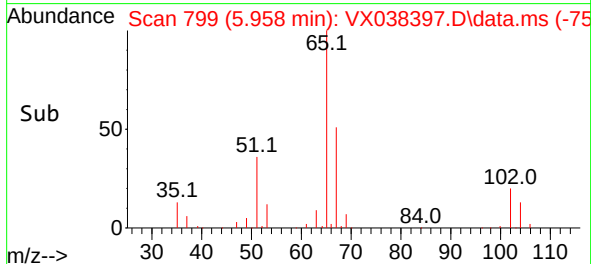
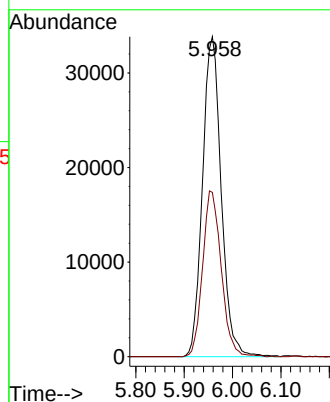
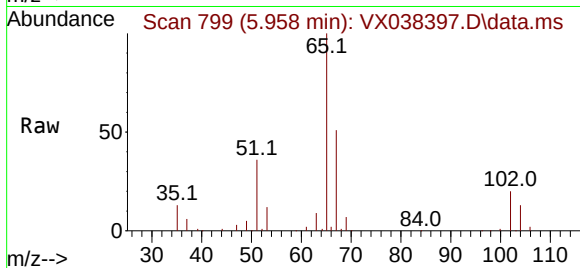




#33
 1,2-Dichloroethane-d4
 Concen: 44.151 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038397.D
 Acq: 20 Oct 2023 13:10

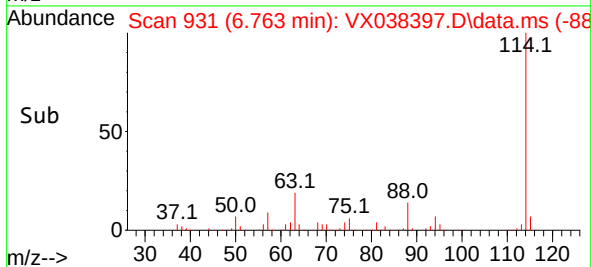
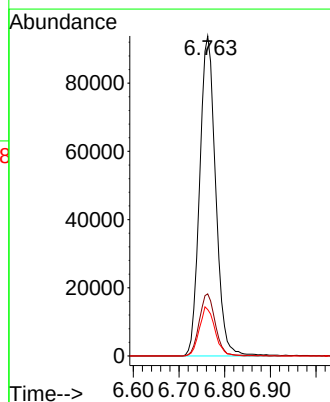
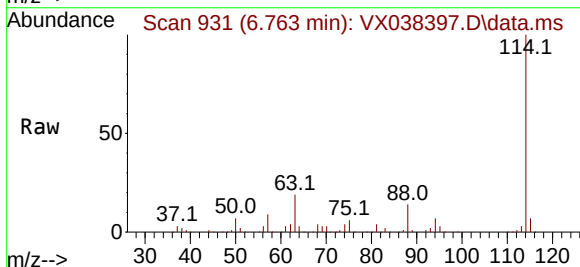
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101823

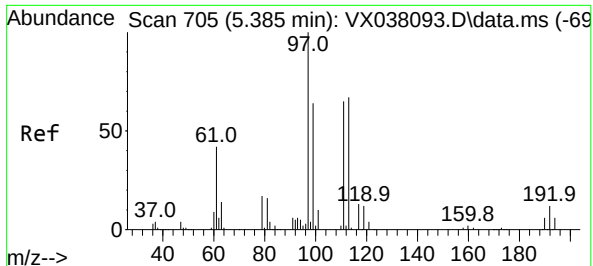
Tgt Ion: 65 Resp: 90978
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038397.D
 Acq: 20 Oct 2023 13:10

Tgt Ion: 114 Resp: 228460
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.742 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX038397.D

Acq: 20 Oct 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

FB-101823

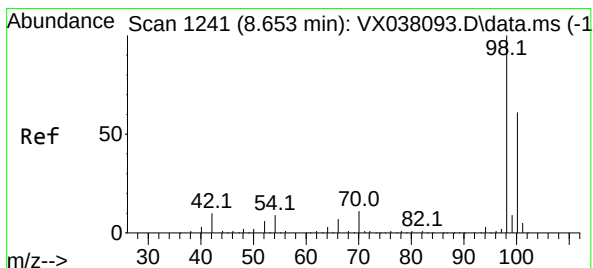
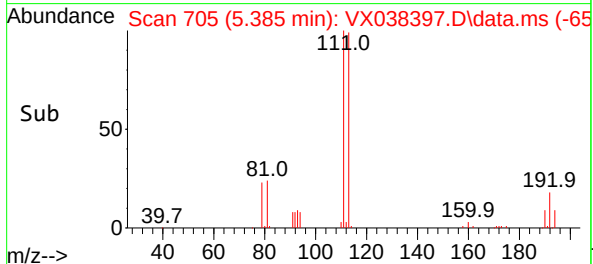
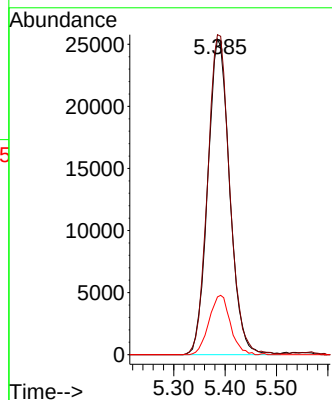
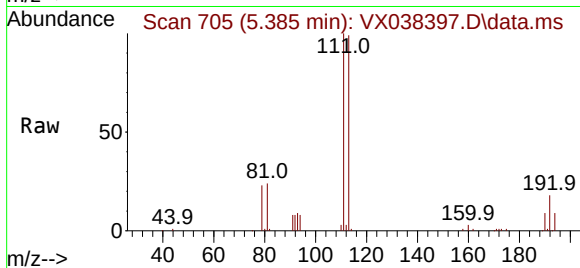
Tgt Ion:113 Resp: 75300

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 18.3 13.3 19.9



#50

Toluene-d8

Concen: 45.399 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038397.D

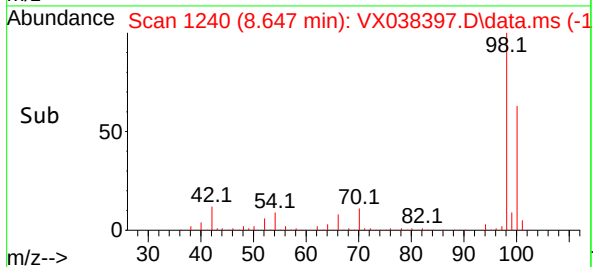
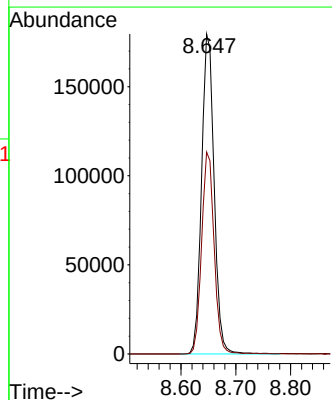
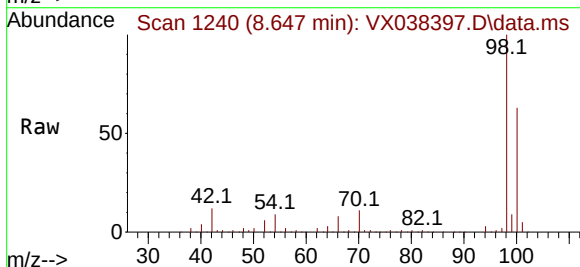
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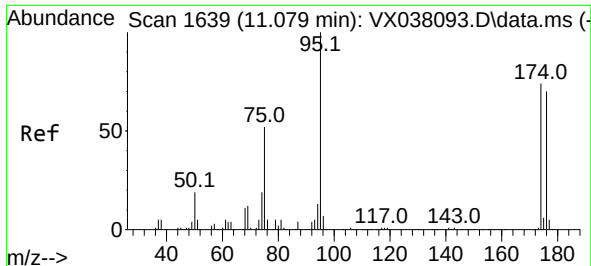
Tgt Ion: 98 Resp: 285581

Ion Ratio Lower Upper

98 100

100 62.8 53.1 79.7

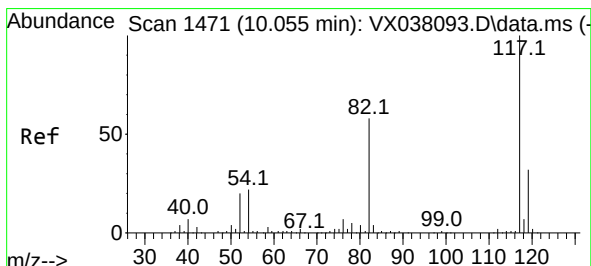
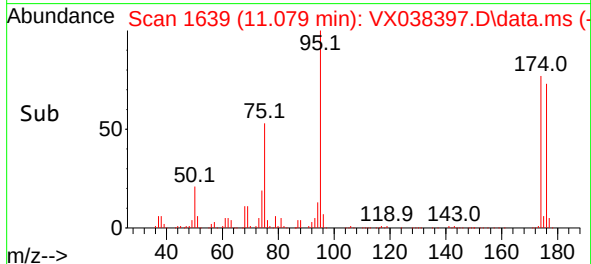
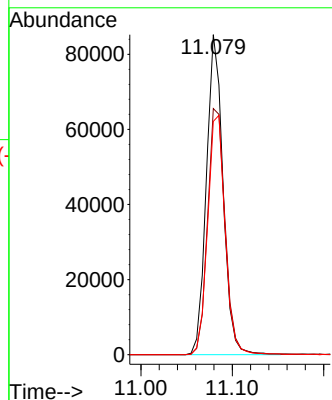
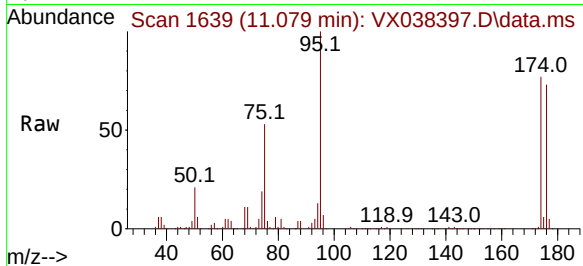




#62
4-Bromofluorobenzene
Concen: 45.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038397.D
Acq: 20 Oct 2023 13:10

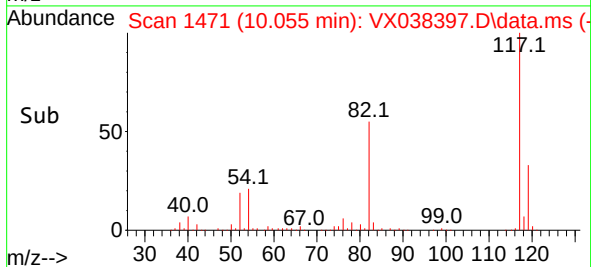
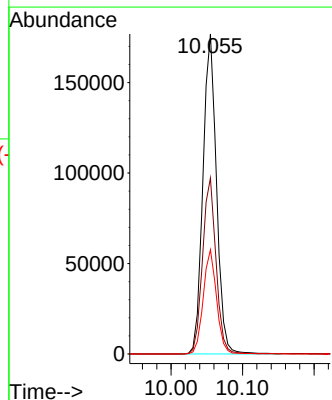
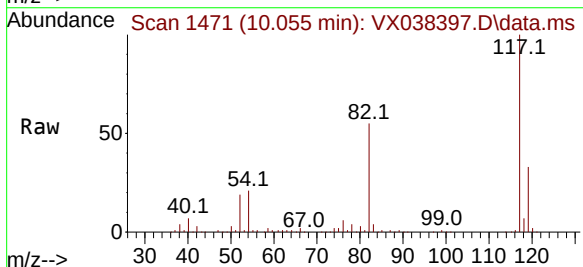
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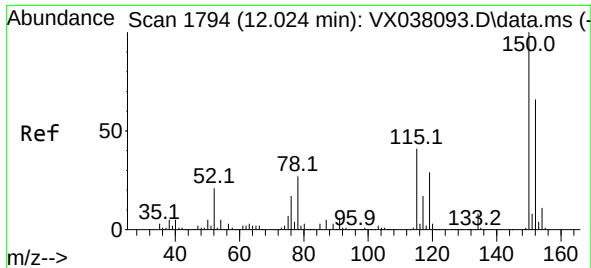
Tgt Ion: 95 Resp: 107730
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 78.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038397.D
Acq: 20 Oct 2023 13:10

Tgt Ion: 117 Resp: 232955
Ion Ratio Lower Upper
117 100
82 55.0 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: VX038397.D

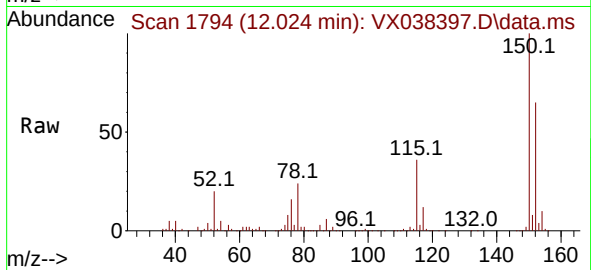
Acq: 20 Oct 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

FB-101823



Tgt Ion:152 Resp: 119816

Ion Ratio Lower Upper

152 100

115 58.7 43.3 129.9

150 155.4 0.0 345.0

