

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038356.D
 Acq On : 18 Oct 2023 12:43
 Operator : JC/MD
 Sample : 04940-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101623

Quant Time: Oct 19 01:39:01 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)

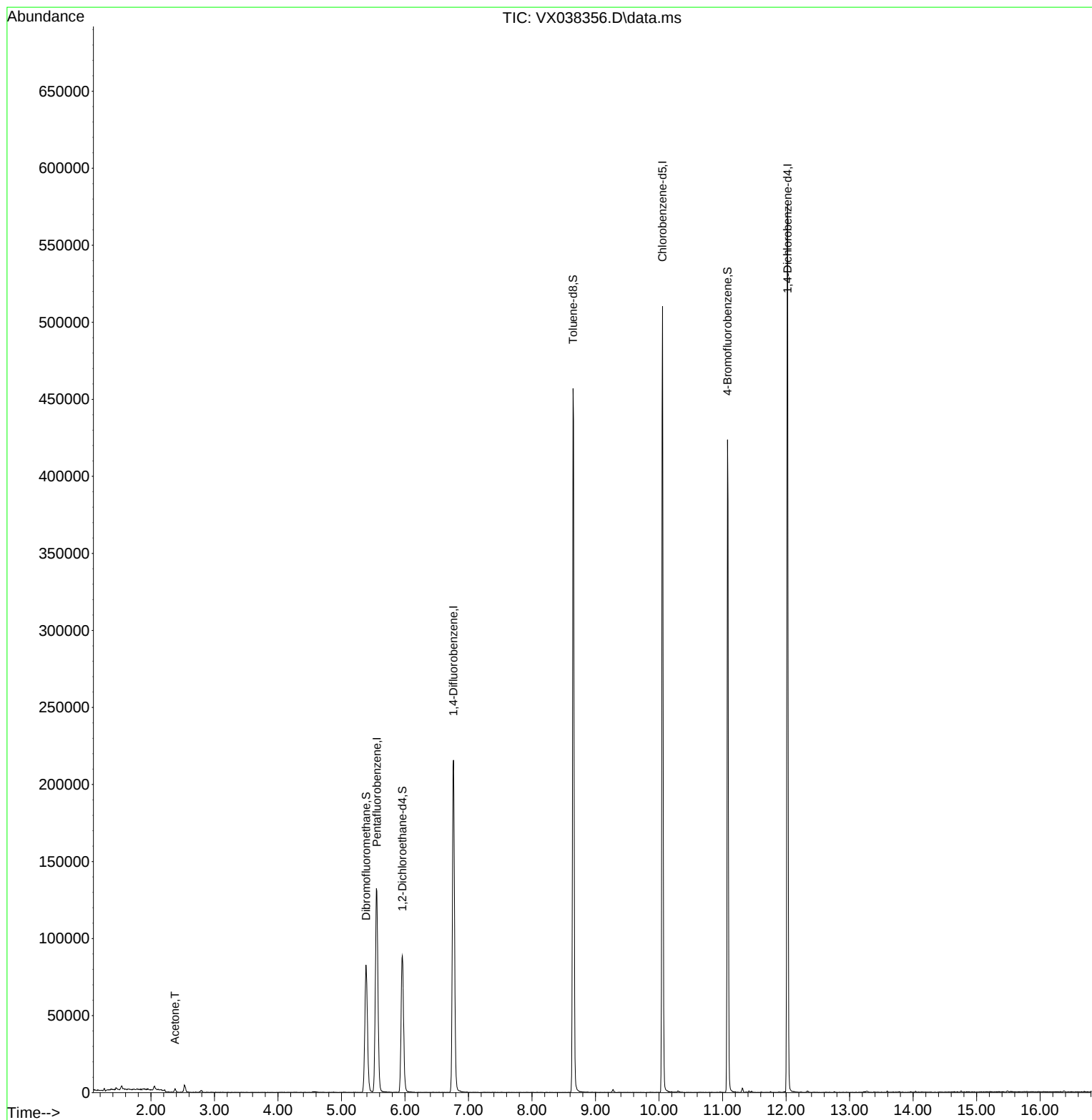
Internal Standards						
1) Pentafluorobenzene	5.556	168	122184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88736	45.152	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.300%
35) Dibromofluoromethane	5.385	113	69550	43.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.180%
50) Toluene-d8	8.647	98	278474	45.671	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.340%#
62) 4-Bromofluorobenzene	11.079	95	106217	45.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.900%
Target Compounds						
16) Acetone	2.380	43	2161	2.635	ug/l	Qvalue 95

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

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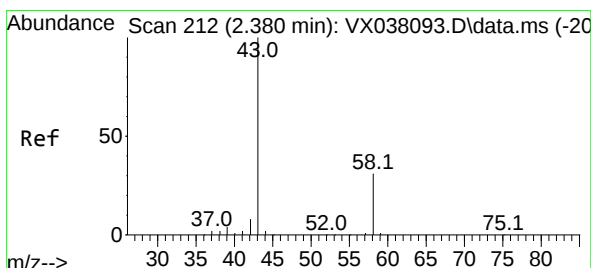
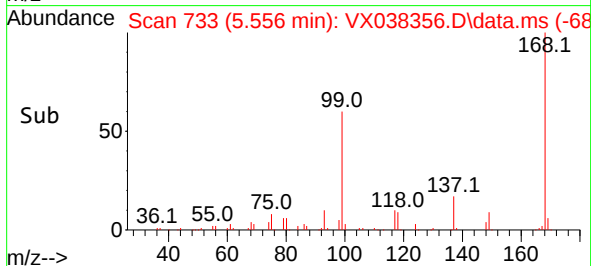
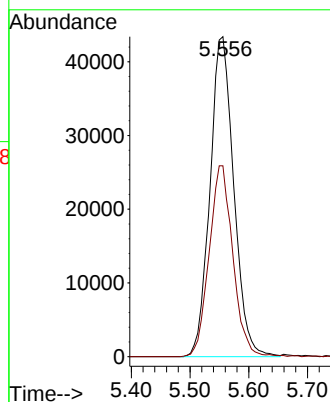
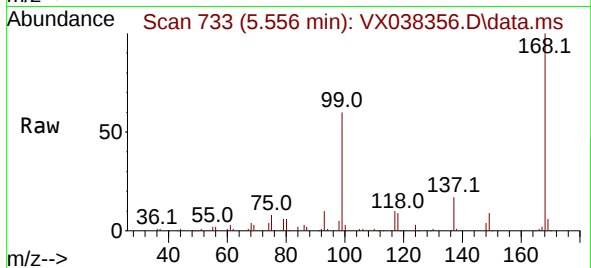




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

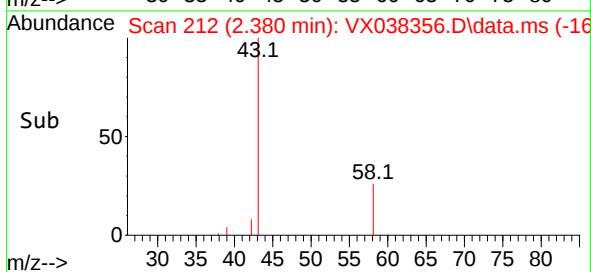
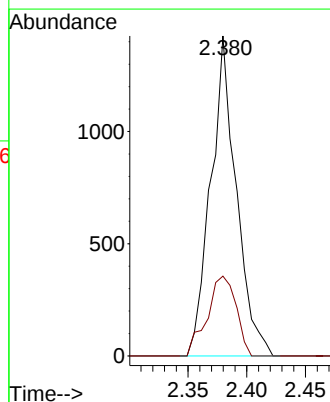
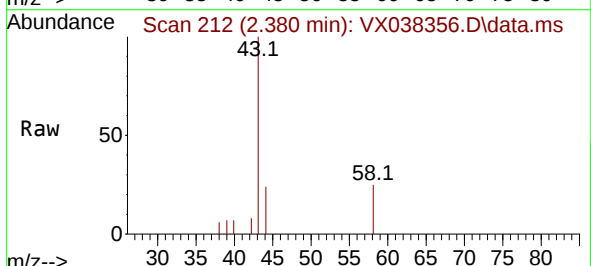
Instrument :
MSVOA_X
ClientSampleId :
FB-101623

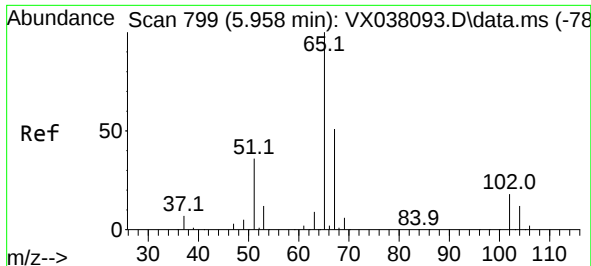
Tgt Ion:168 Resp: 122184
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#16
Acetone
Concen: 2.635 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Tgt Ion: 43 Resp: 2161
Ion Ratio Lower Upper
43 100
58 25.0 21.9 32.9

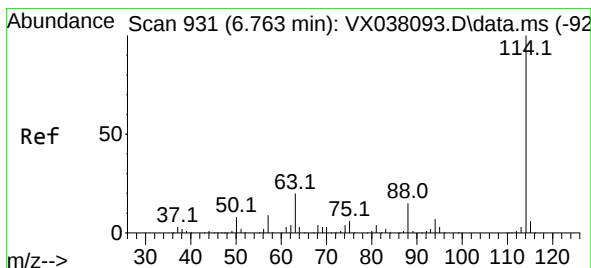
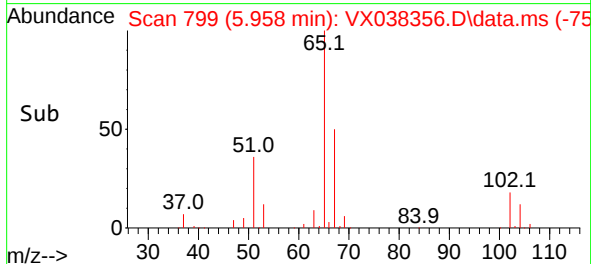
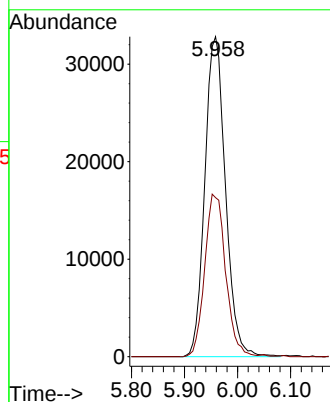
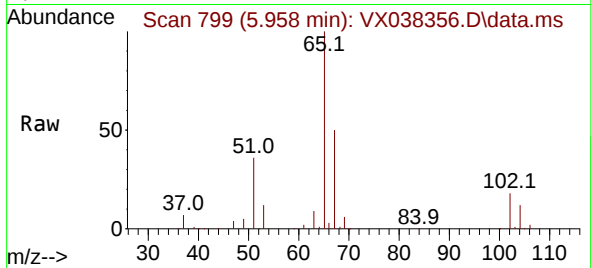




#33
 1,2-Dichloroethane-d4
 Concen: 45.152 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038356.D
 Acq: 18 Oct 2023 12:43

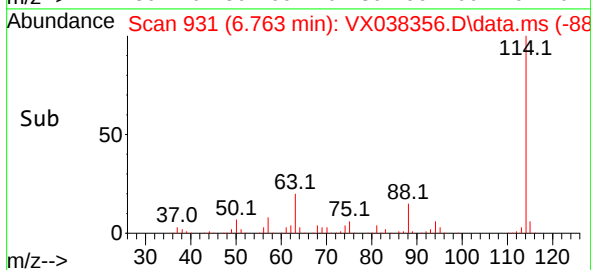
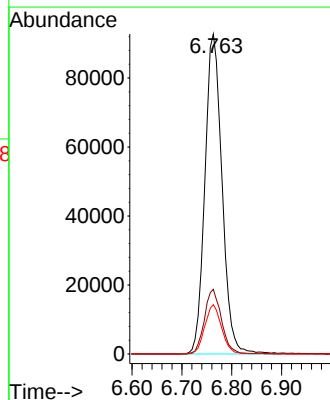
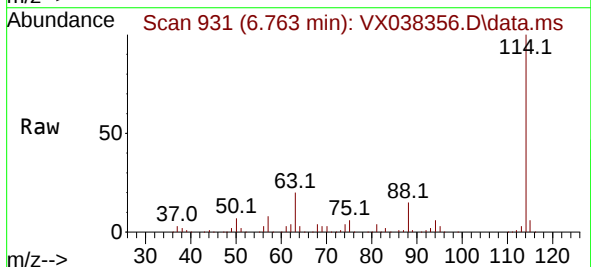
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101623

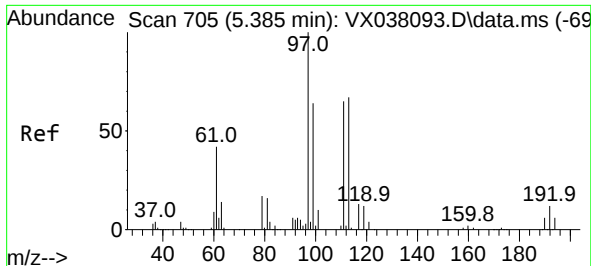
Tgt Ion: 65 Resp: 88736
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038356.D
 Acq: 18 Oct 2023 12:43

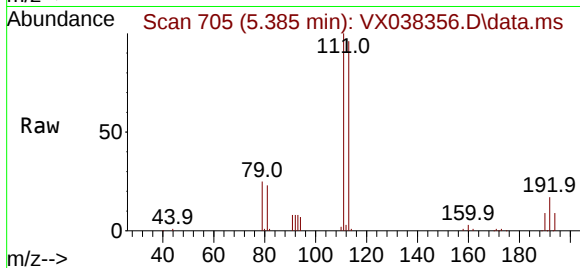
Tgt Ion: 114 Resp: 221445
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 15.4 0.0 36.6



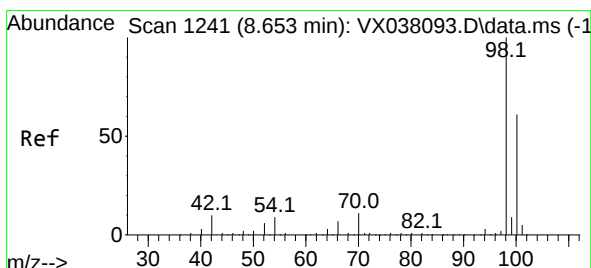
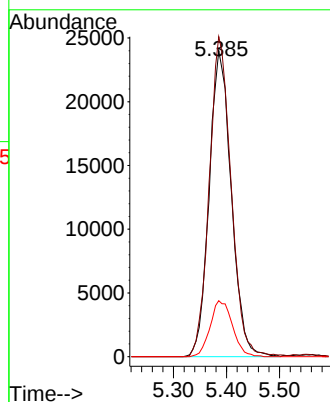
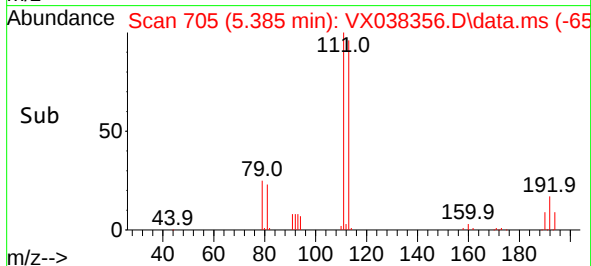


#35
 Dibromofluoromethane
 Concen: 43.587 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038356.D
 Acq: 18 Oct 2023 12:43

Instrument :
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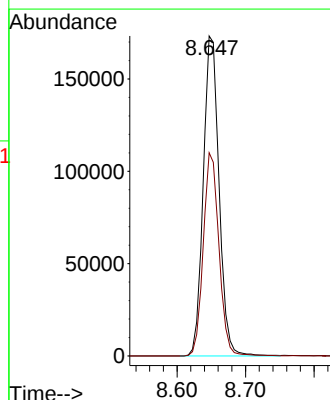
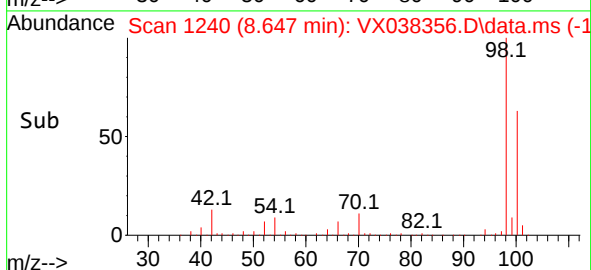
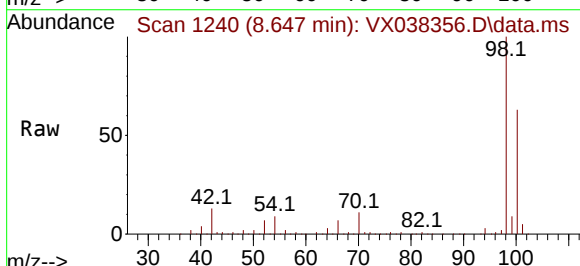


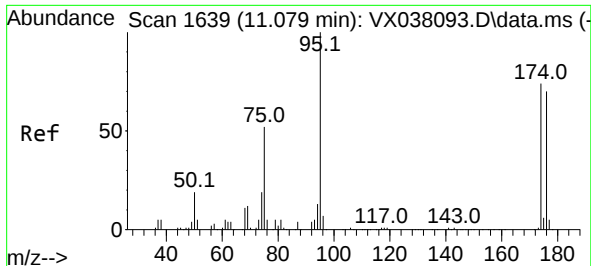
Tgt Ion:113 Resp: 69550
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 18.5 13.3 19.9



#50
 Toluene-d8
 Concen: 45.671 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX038356.D
 Acq: 18 Oct 2023 12:43

Tgt Ion: 98 Resp: 278474
 Ion Ratio Lower Upper
 98 100
 100 63.0 53.1 79.7

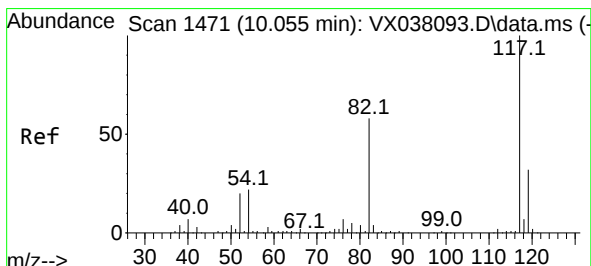
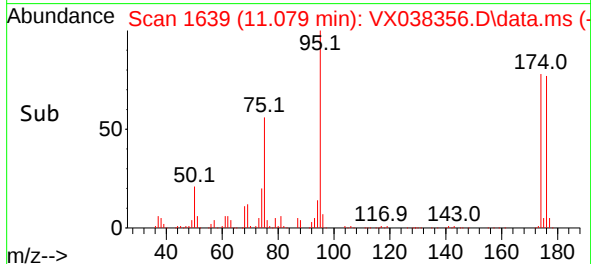
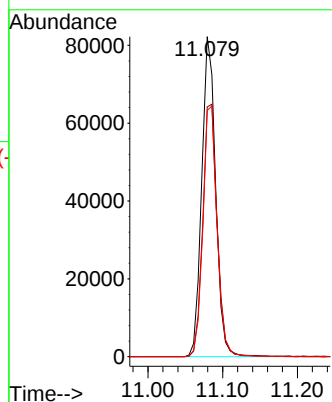
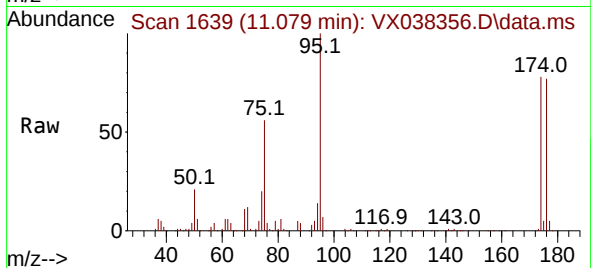




#62
4-Bromofluorobenzene
Concen: 45.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

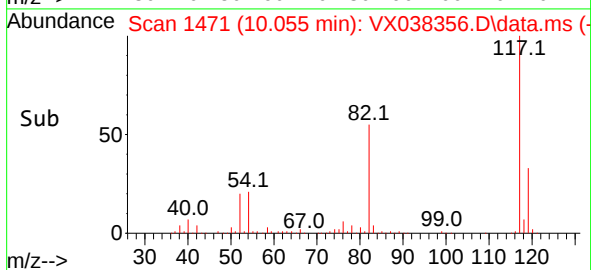
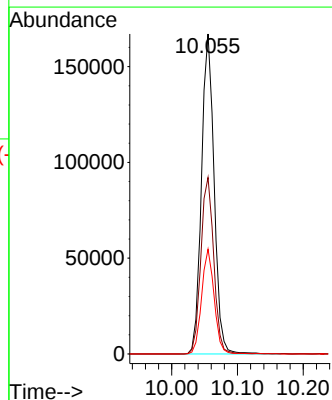
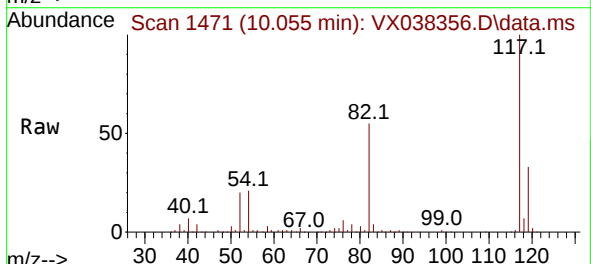
Instrument :
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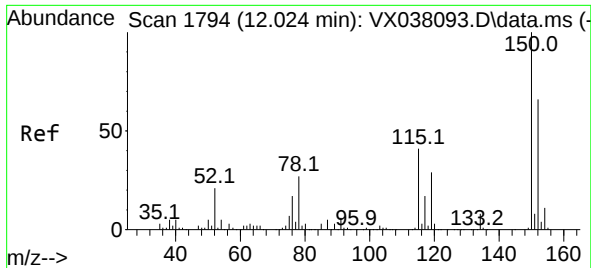
Tgt Ion: 95 Resp: 106217
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 79.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Tgt Ion: 117 Resp: 223103
Ion Ratio Lower Upper
117 100
82 55.2 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: VX038356.D

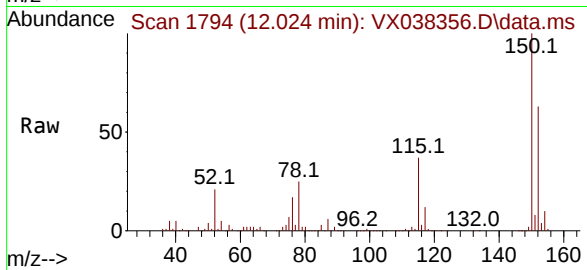
Acq: 18 Oct 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

FB-101623



Tgt Ion:152 Resp: 118564

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 159.7 0.0 345.0

