

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037131.D
 Acq On : 21 Aug 2023 15:20
 Operator : JC/MD
 Sample : 04086-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB04

Quant Time: Aug 22 05:57:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

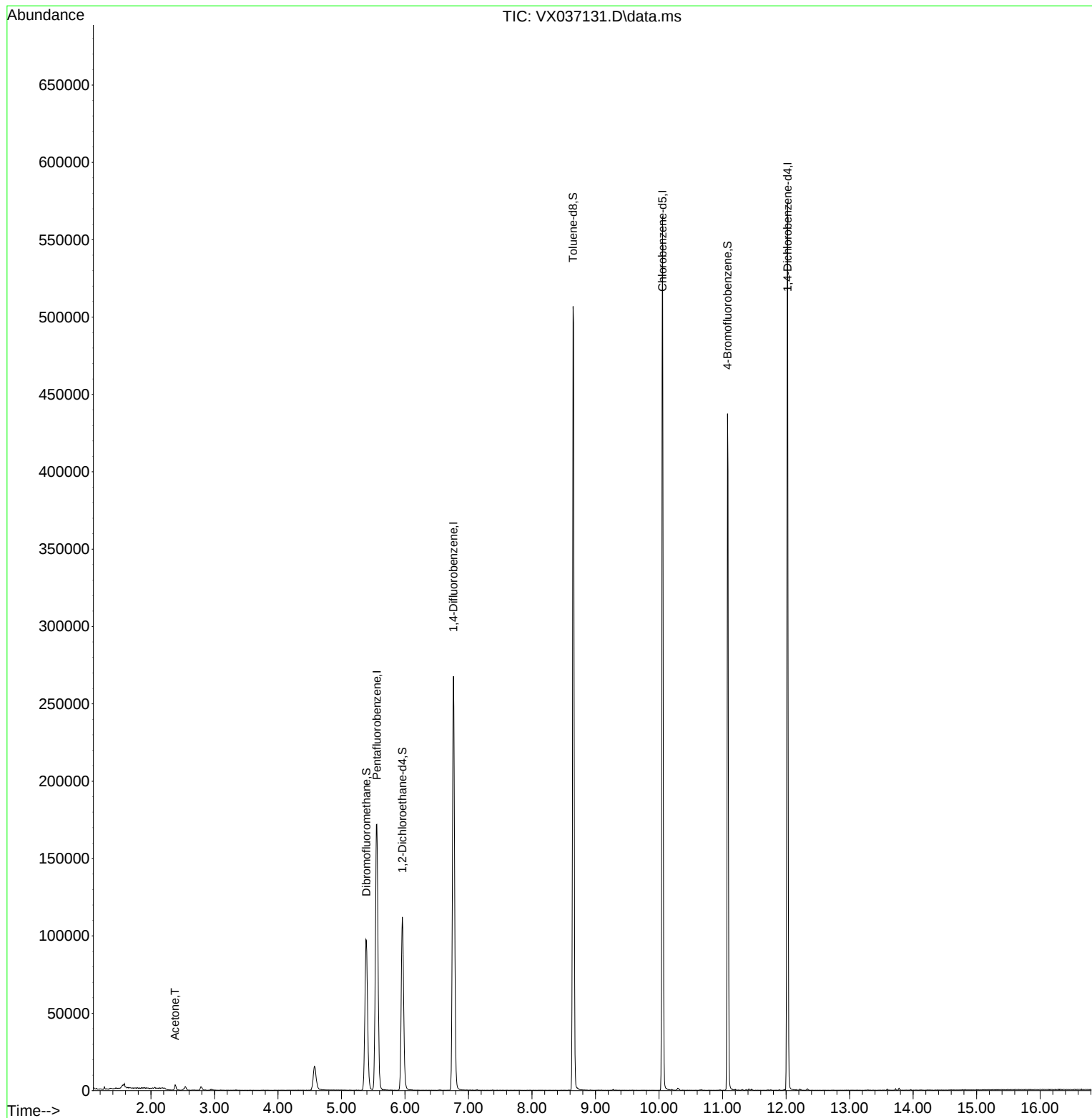
Internal Standards						
1) Pentafluorobenzene	5.556	168	159588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	279839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112501	48.898	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.800%
35) Dibromofluoromethane	5.391	113	87457	47.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	313190	46.587	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.180%
62) 4-Bromofluorobenzene	11.079	95	119513	45.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.480%
Target Compounds						
16) Acetone	2.380	43	3701	4.112	ug/l	Qvalue 96

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

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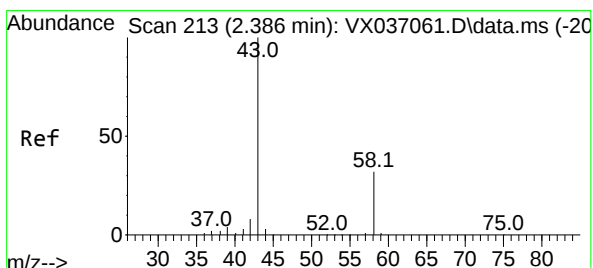
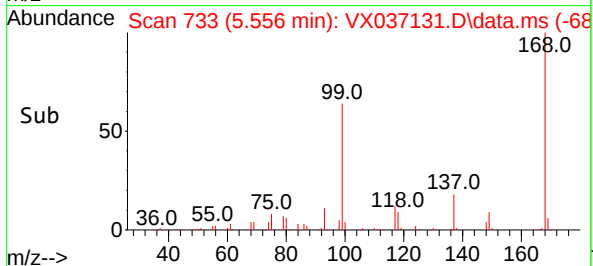
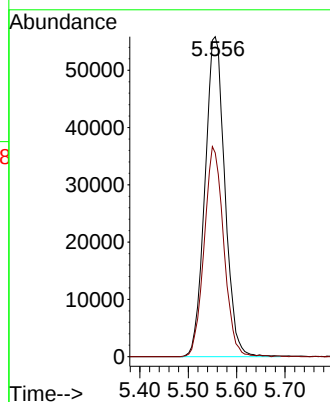
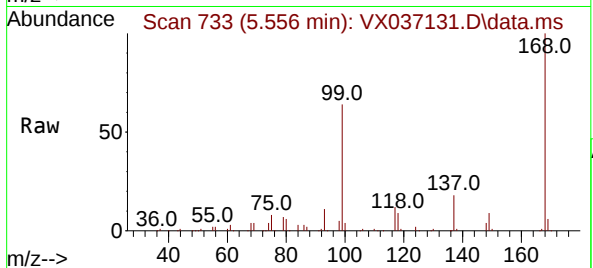




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

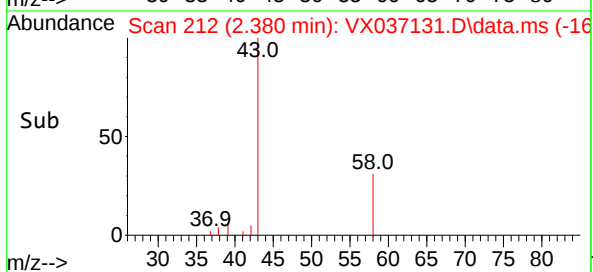
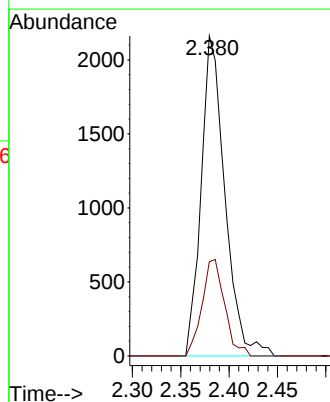
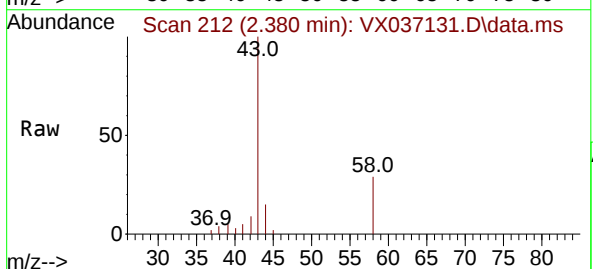
Instrument :
MSVOA_X
ClientSampleId :
FB04

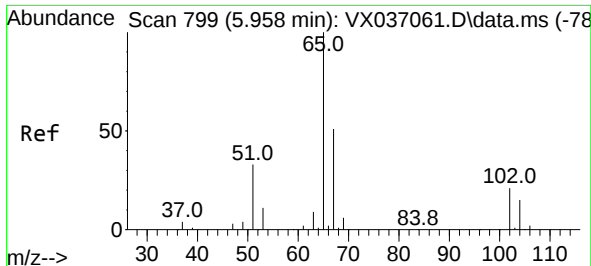
Tgt Ion:168 Resp: 159588
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#16
Acetone
Concen: 4.112 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Tgt Ion: 43 Resp: 3701
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 48.898 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037131.D

Acq: 21 Aug 2023 15:20

Instrument :

MSVOA_X

ClientSampleId :

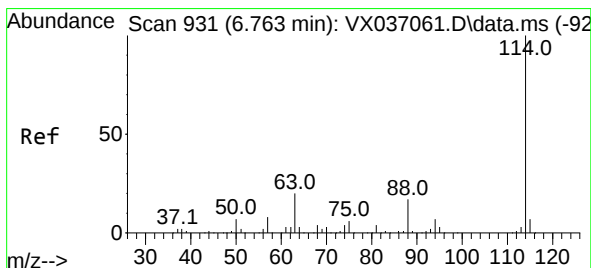
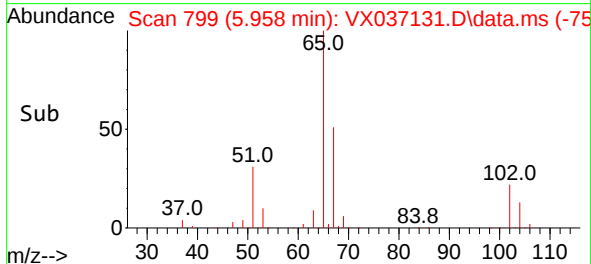
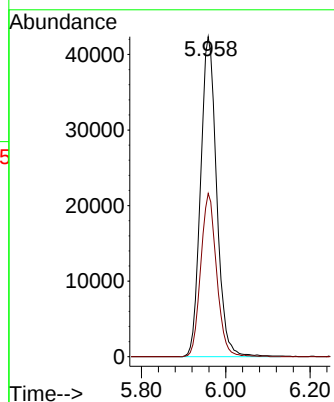
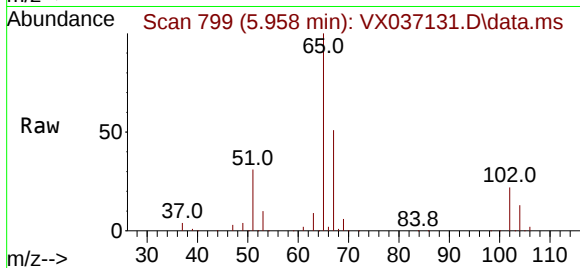
FB04

Tgt Ion: 65 Resp: 112501

Ion Ratio Lower Upper

65 100

67 50.2 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: VX037131.D

Acq: 21 Aug 2023 15:20

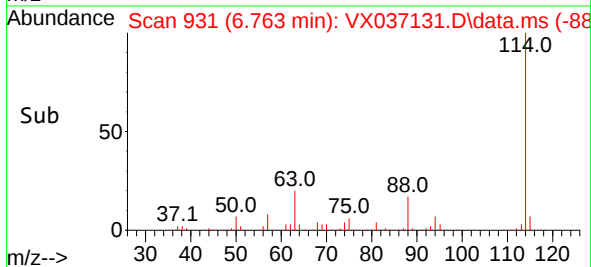
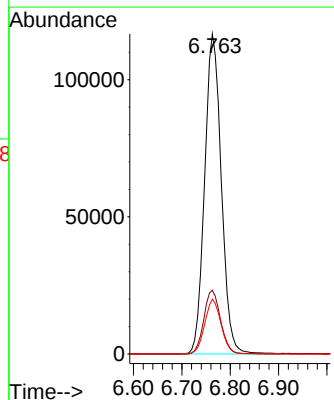
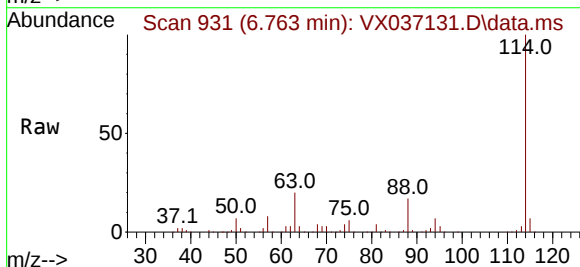
Tgt Ion: 114 Resp: 279839

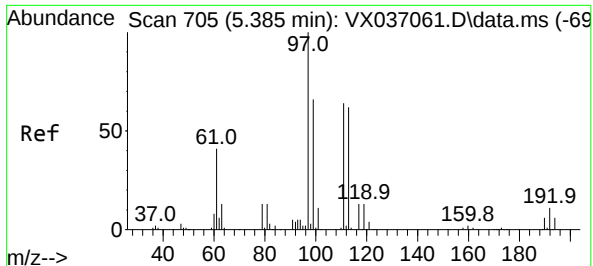
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 17.1 0.0 36.6

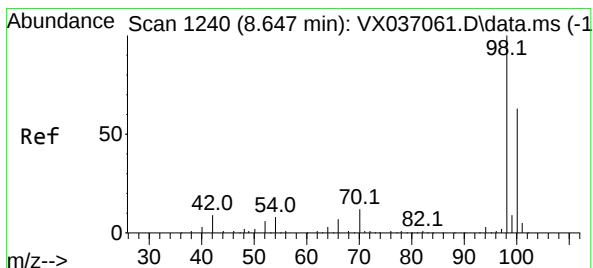
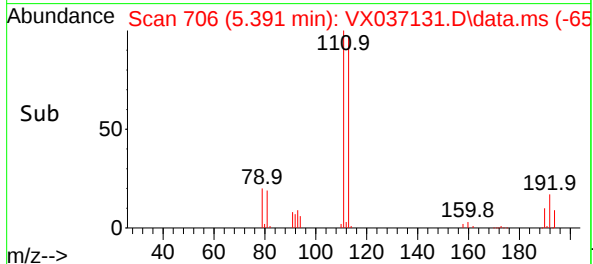
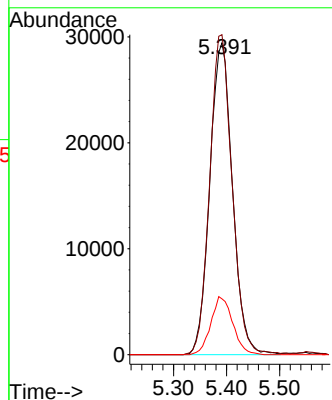
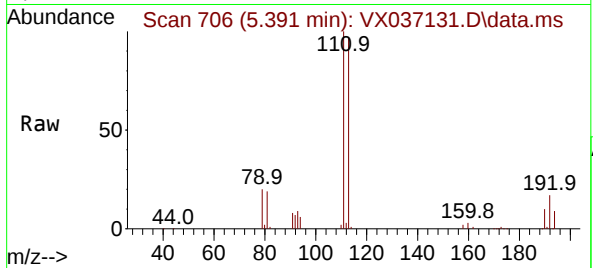




#35
Dibromofluoromethane
Concen: 47.190 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

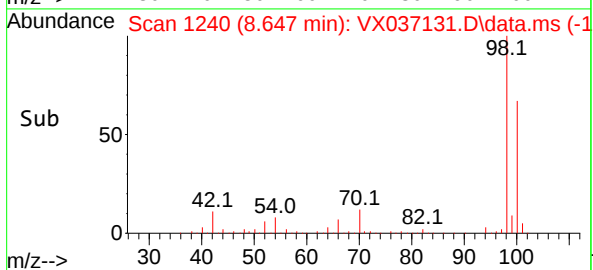
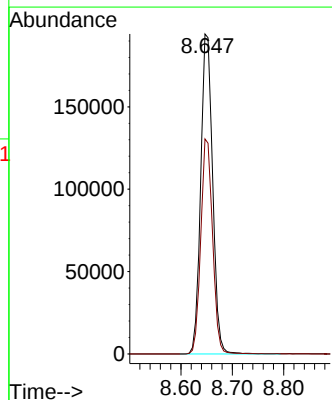
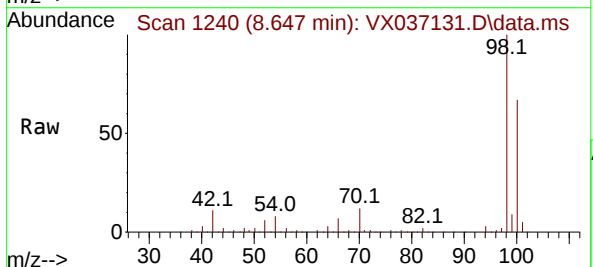
Instrument :
MSVOA_X
ClientSampleId :
FB04

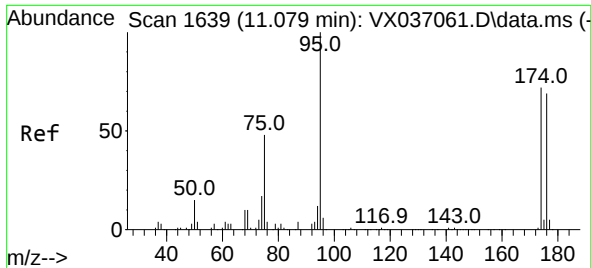
Tgt Ion:113 Resp: 87457
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 18.0 13.3 19.9



#50
Toluene-d8
Concen: 46.587 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Tgt Ion: 98 Resp: 313190
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

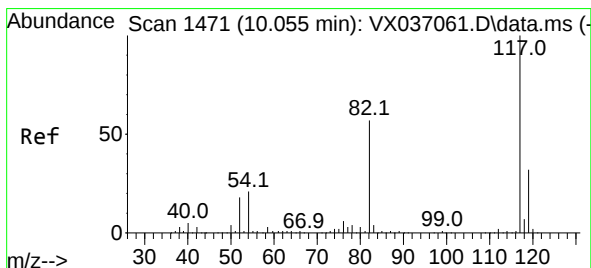
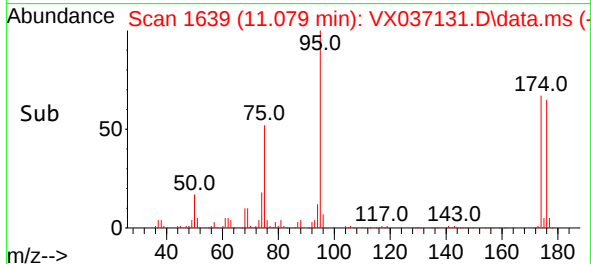
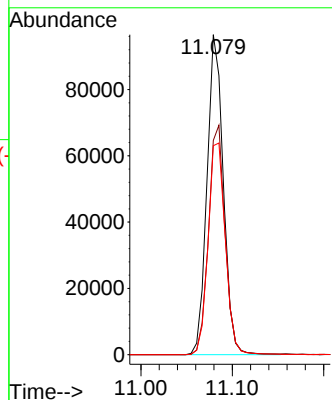
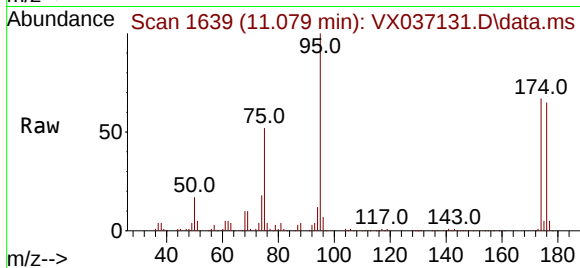




#62
4-Bromofluorobenzene
Concen: 45.237 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

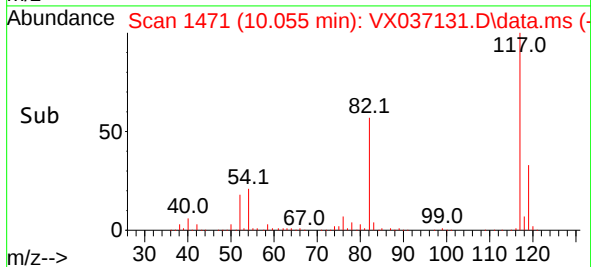
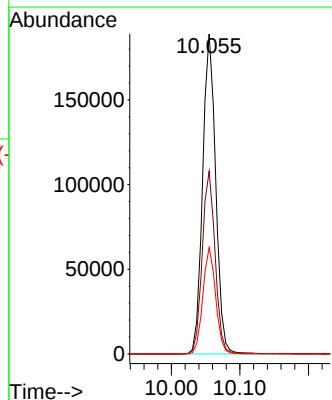
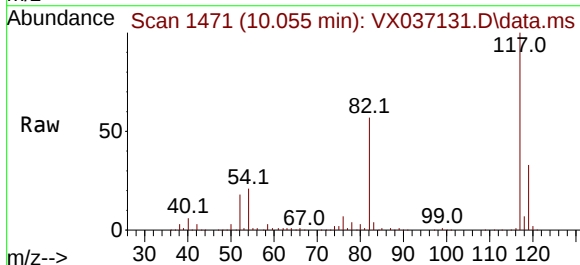
Instrument :
MSVOA_X
ClientSampleId :
FB04

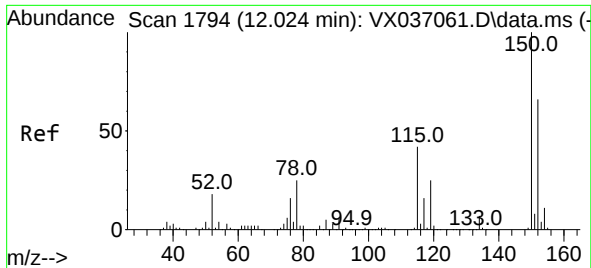
Tgt Ion: 95 Resp: 119513
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037131.D
Acq: 21 Aug 2023 15:20

Tgt Ion: 117 Resp: 251239
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 33.2 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: VX037131.D

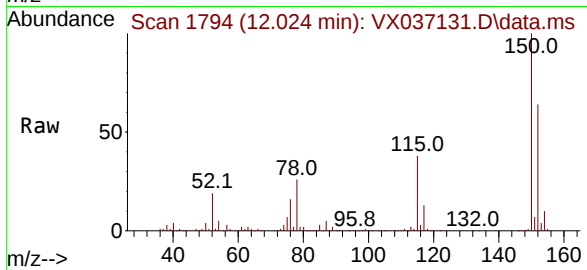
Acq: 21 Aug 2023 15:20

Instrument :

MSVOA_X

ClientSampleId :

FB04



Tgt Ion:152 Resp: 120158

Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 156.0 0.0 345.0

