

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036714.D
 Acq On : 31 Jul 2023 12:47
 Operator : JC/MD
 Sample : 03840-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-3

Quant Time: Aug 01 04:35:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

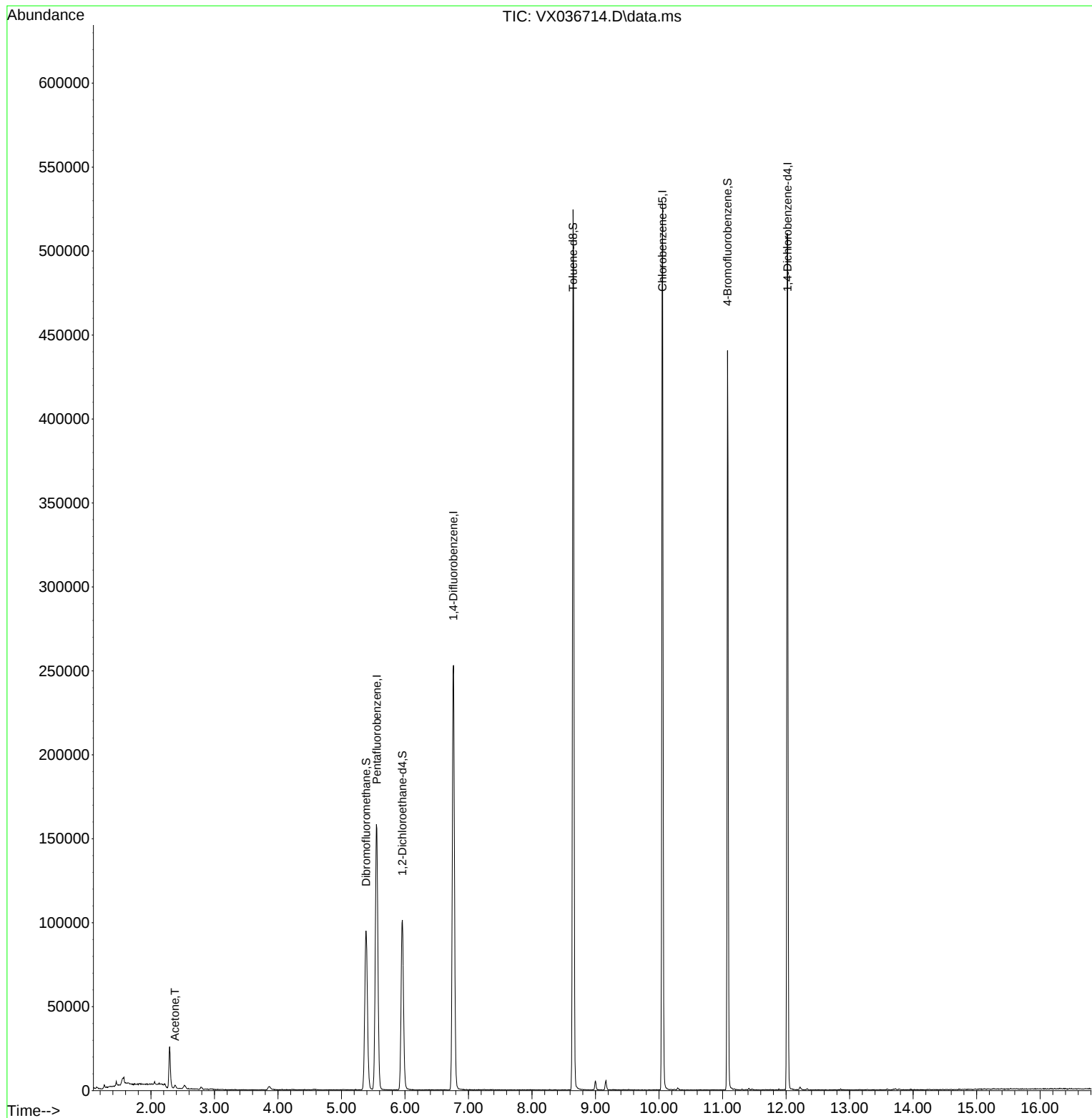
Internal Standards						
1) Pentafluorobenzene	5.556	168	147549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99178	45.428	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.860%
35) Dibromofluoromethane	5.385	113	85279	47.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.647	98	311775	48.835	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.660%
62) 4-Bromofluorobenzene	11.079	95	115339	47.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.760%
Target Compounds					Qvalue	
16) Acetone	2.380	43	2568	2.835	ug/l	99

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

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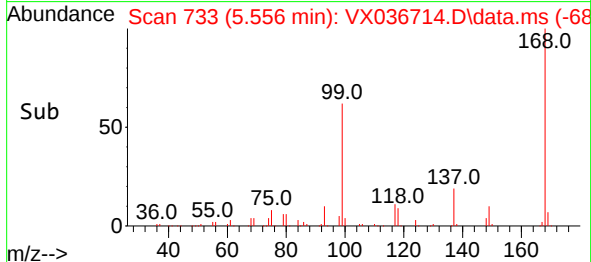
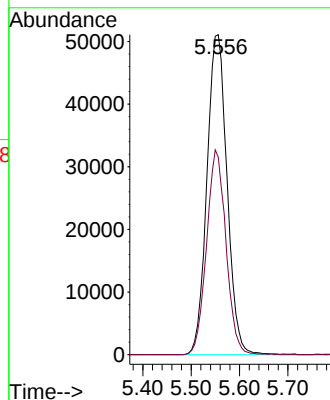
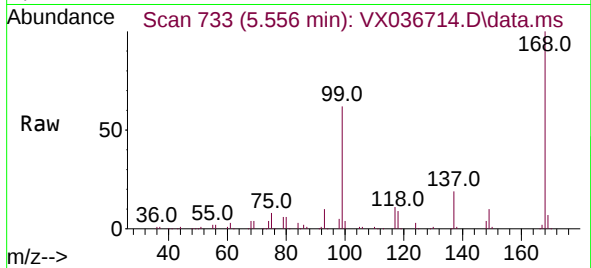




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036714.D
Acq: 31 Jul 2023 12:47

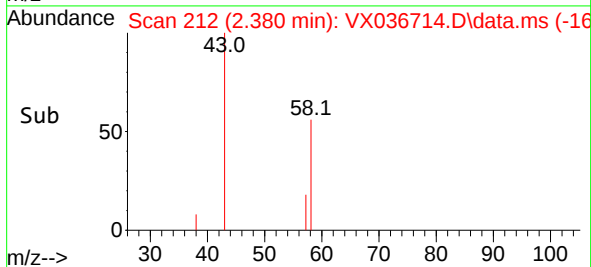
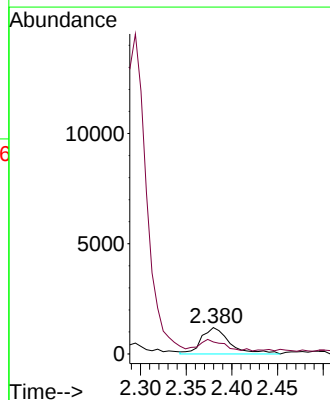
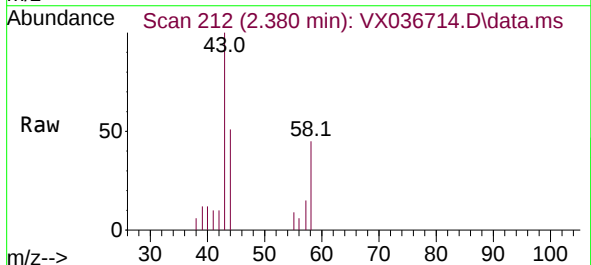
Instrument :
MSVOA_X
ClientSampleId :
TB-3

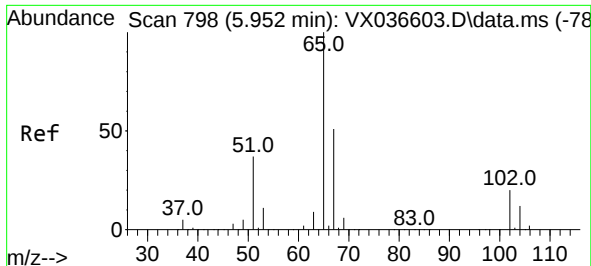
Tgt Ion:168 Resp: 147549
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#16
Acetone
Concen: 2.835 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036714.D
Acq: 31 Jul 2023 12:47

Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
58 28.0 21.9 32.9

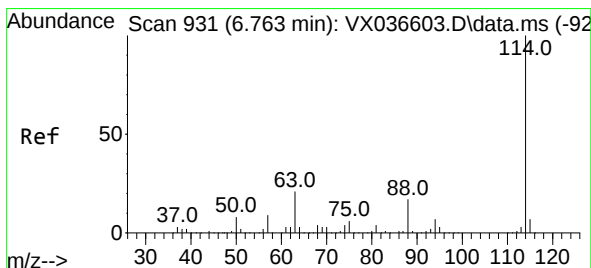
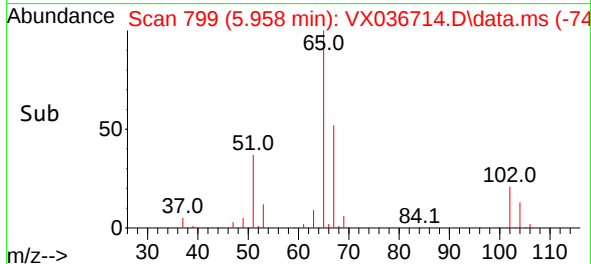
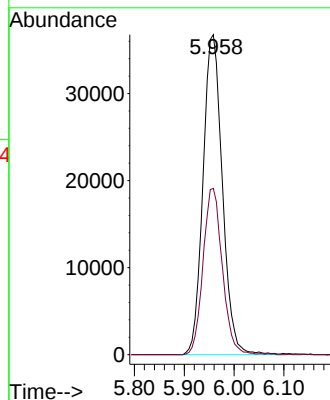
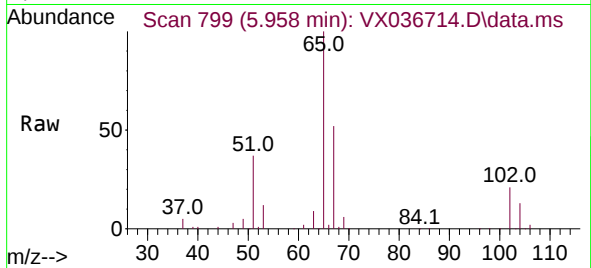




#33
 1,2-Dichloroethane-d4
 Concen: 45.428 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX036714.D
 Acq: 31 Jul 2023 12:47

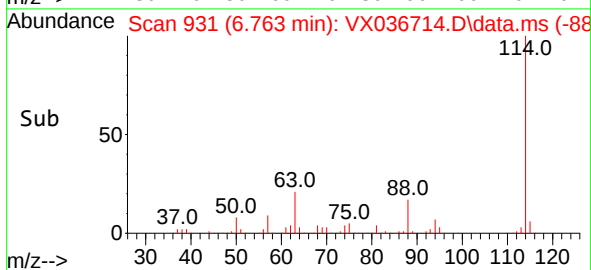
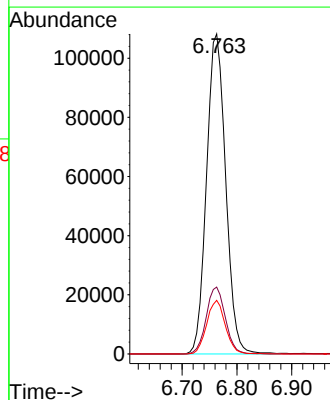
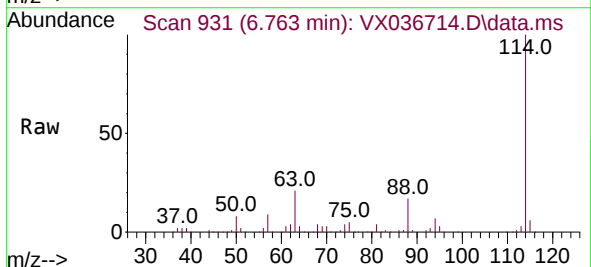
Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion: 65 Resp: 99178
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036714.D
 Acq: 31 Jul 2023 12:47

Tgt Ion: 114 Resp: 261923
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.0
 88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.369 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036714.D

Acq: 31 Jul 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

TB-3

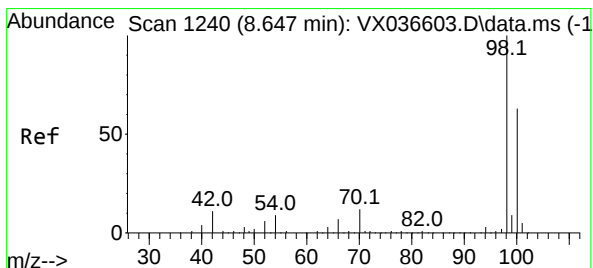
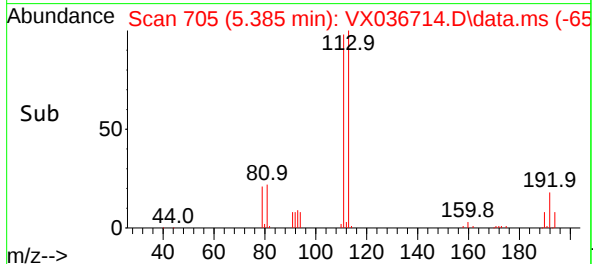
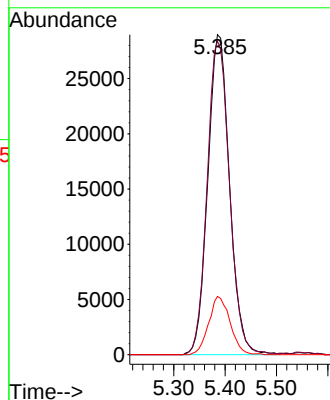
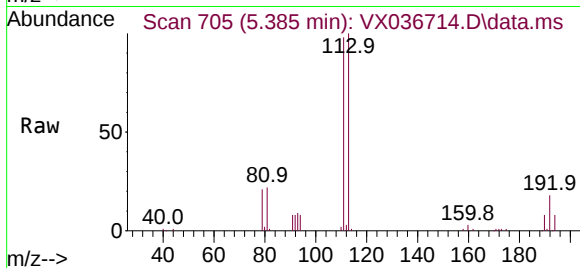
Tgt Ion:113 Resp: 85279

Ion Ratio Lower Upper

113 100

111 100.5 82.9 124.3

192 17.9 13.3 19.9



#50

Toluene-d8

Concen: 48.835 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036714.D

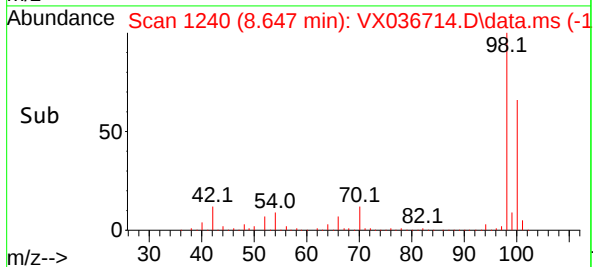
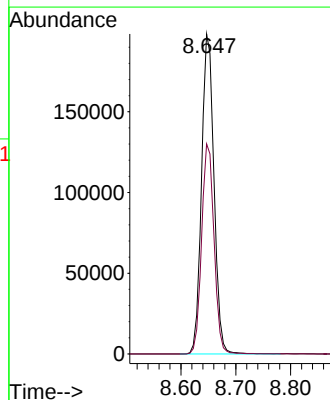
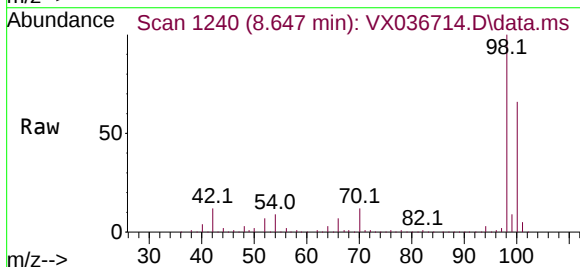
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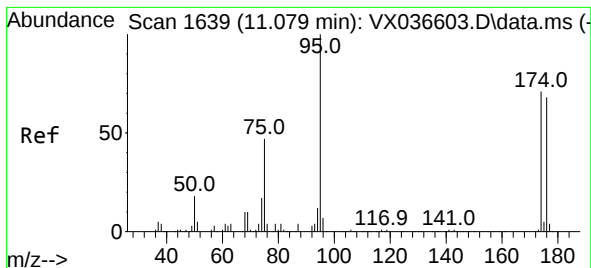
Tgt Ion: 98 Resp: 311775

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

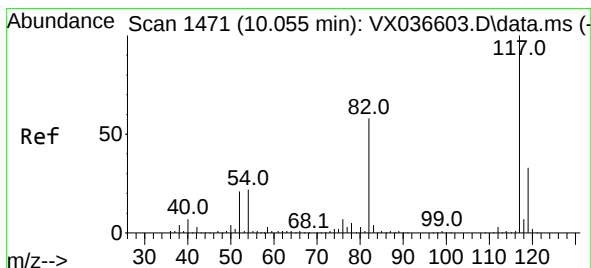
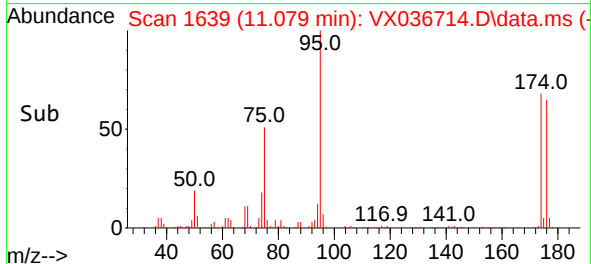
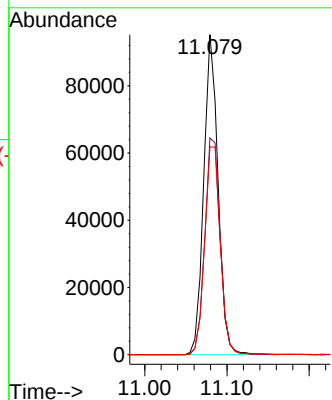
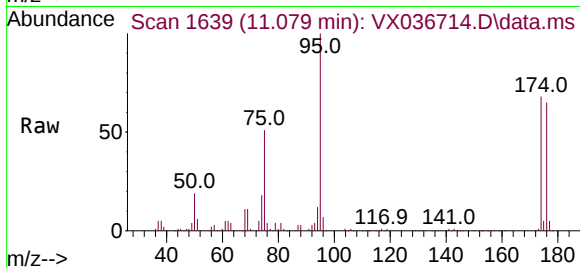




#62
4-Bromofluorobenzene
Concen: 47.884 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036714.D
Acq: 31 Jul 2023 12:47

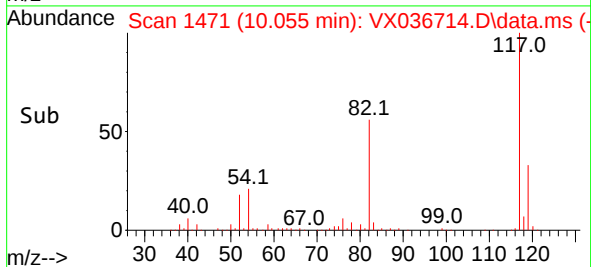
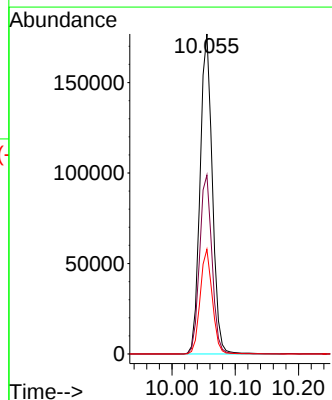
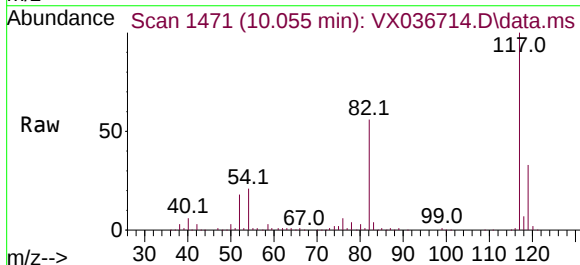
Instrument :
MSVOA_X
ClientSampleId :
TB-3

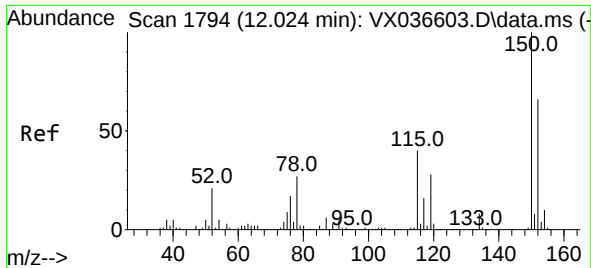
Tgt Ion: 95 Resp: 115339
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036714.D
Acq: 31 Jul 2023 12:47

Tgt Ion: 117 Resp: 238903
Ion Ratio Lower Upper
117 100
82 55.9 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: VX036714.D

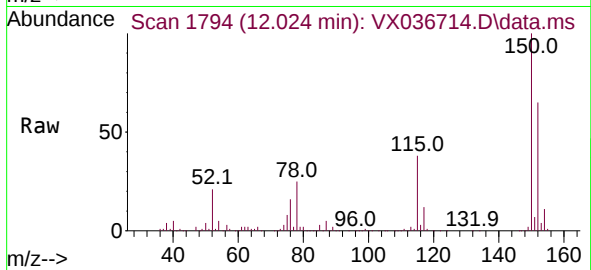
Acq: 31 Jul 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

TB-3



Tgt Ion:152 Resp: 107501

Ion Ratio Lower Upper

152 100

115 61.8 43.3 129.9

150 156.0 0.0 345.0

