

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037691.D
 Acq On : 13 Sep 2023 13:40
 Operator : JC/MD
 Sample : 04394-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB9/8

Quant Time: Sep 14 02:19:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

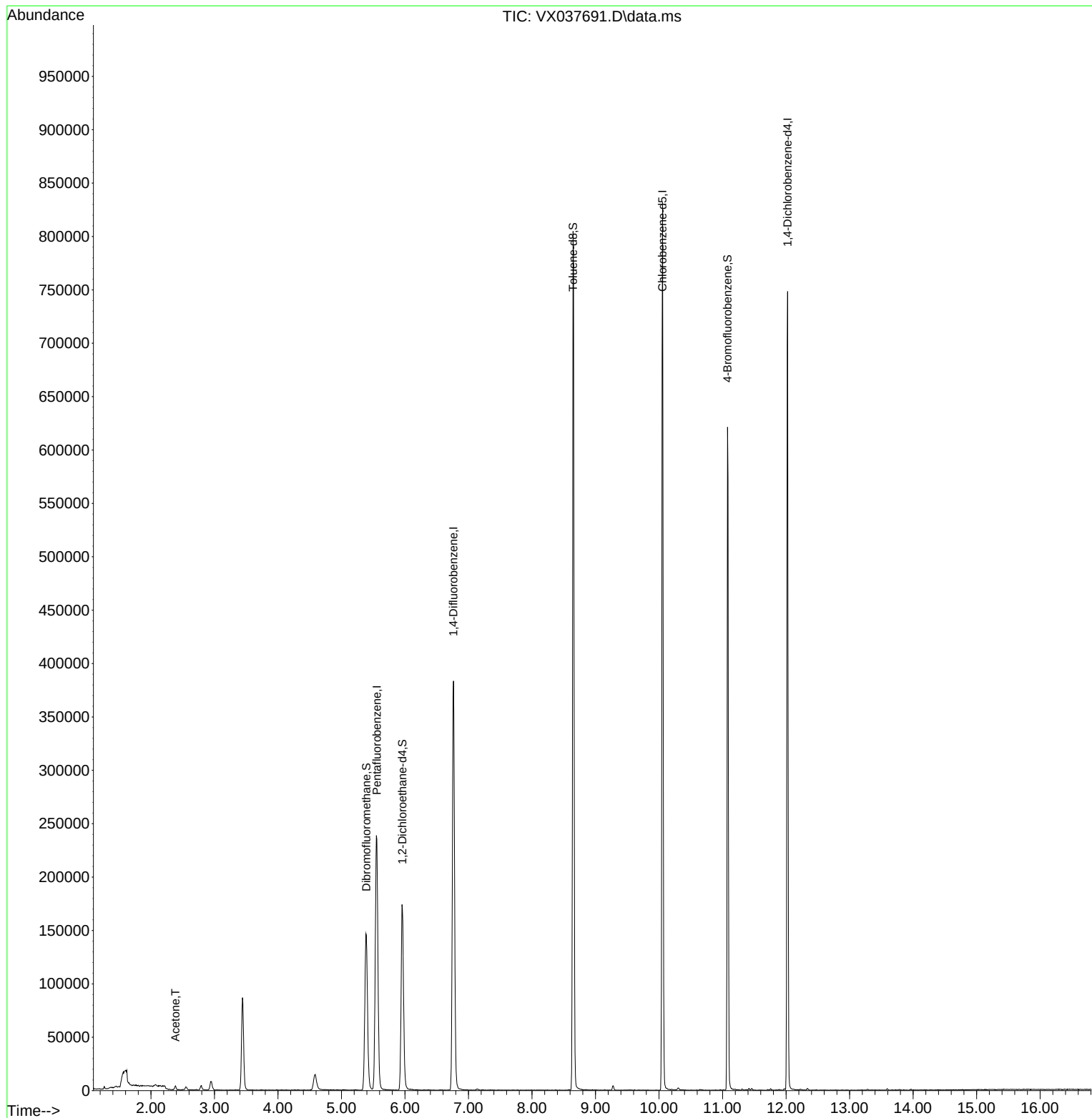
Internal Standards						
1) Pentafluorobenzene	5.556	168	225757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	399748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165759	45.381	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.760%
35) Dibromofluoromethane	5.391	113	130903	46.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	8.647	98	484710	45.359	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.720%#
62) 4-Bromofluorobenzene	11.079	95	164047	42.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.100%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3622	2.453	ug/l #	87

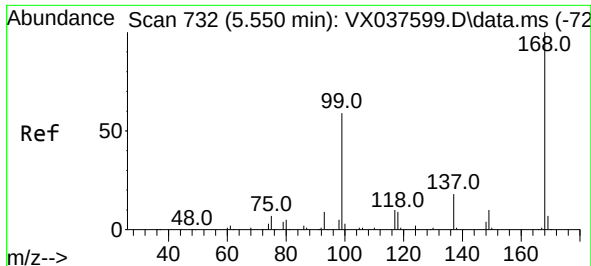
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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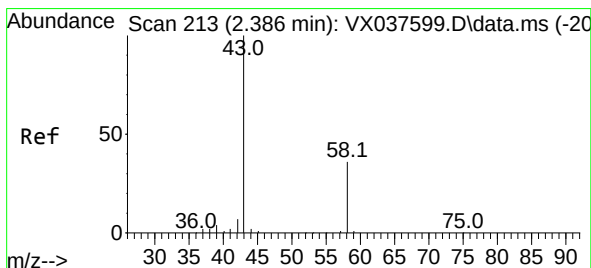
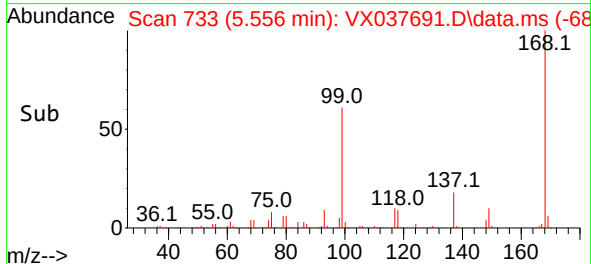
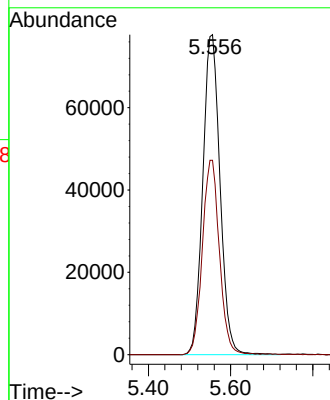
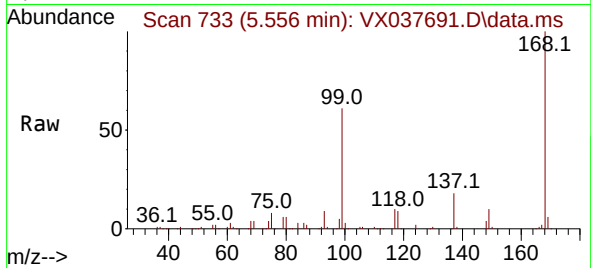




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037691.D
Acq: 13 Sep 2023 13:40

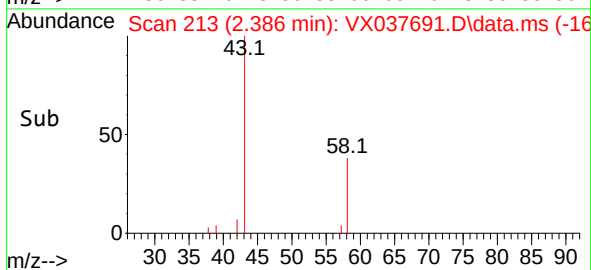
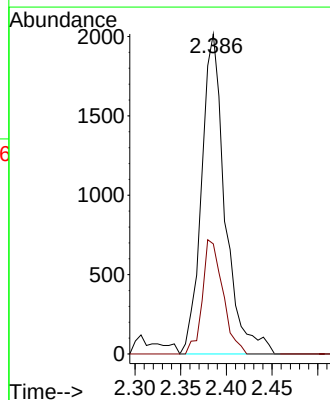
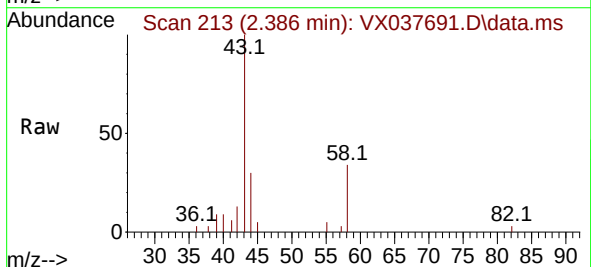
Instrument :
MSVOA_X
ClientSampleId :
FB9/8

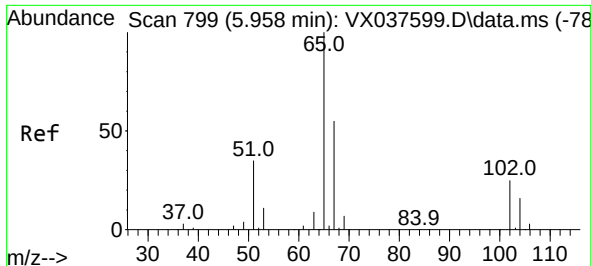
Tgt Ion:168 Resp: 225757
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#16
Acetone
Concen: 2.453 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037691.D
Acq: 13 Sep 2023 13:40

Tgt Ion: 43 Resp: 3622
Ion Ratio Lower Upper
43 100
58 34.4 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 45.381 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037691.D

Acq: 13 Sep 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

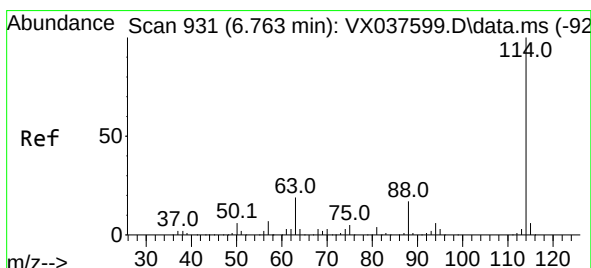
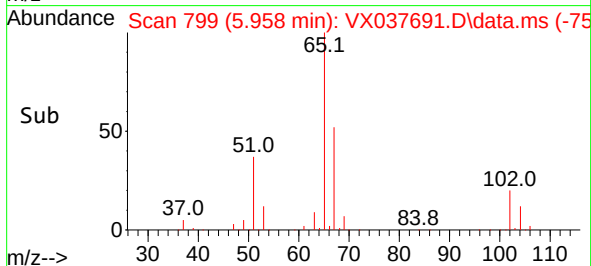
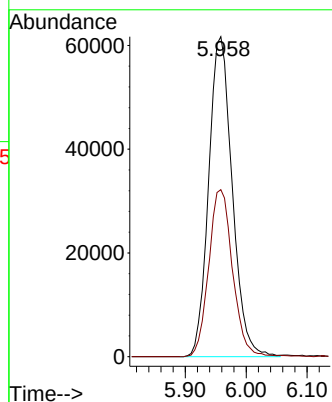
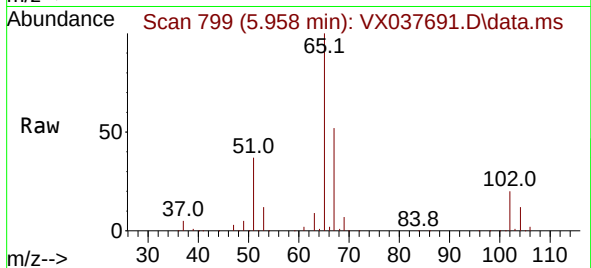
FB9/8

Tgt Ion: 65 Resp: 165759

Ion Ratio Lower Upper

65 100

67 52.7 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: VX037691.D

Acq: 13 Sep 2023 13:40

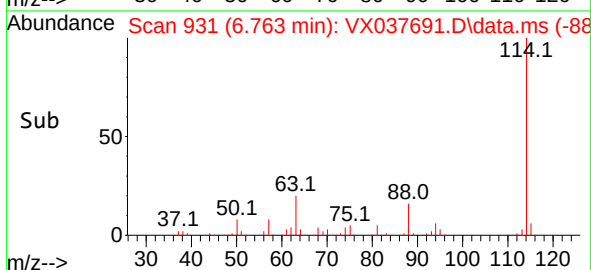
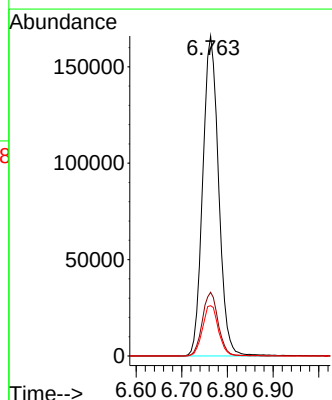
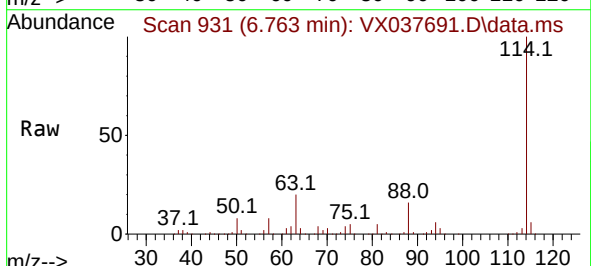
Tgt Ion: 114 Resp: 399748

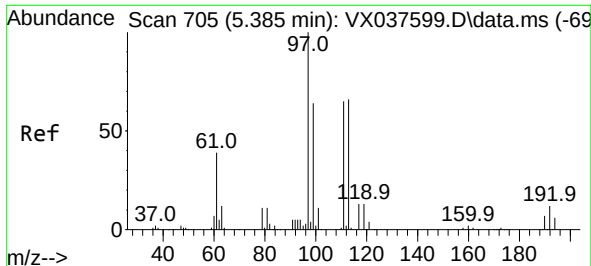
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.7 0.0 36.6

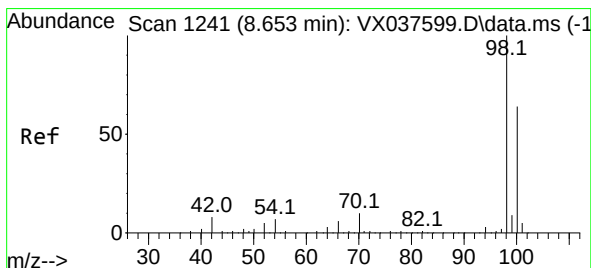
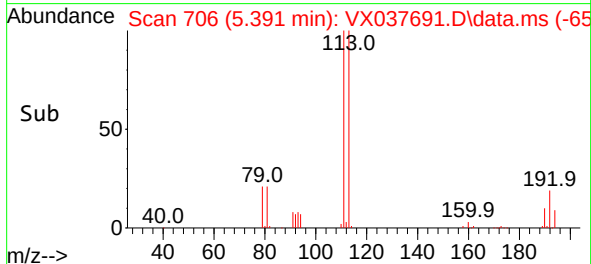
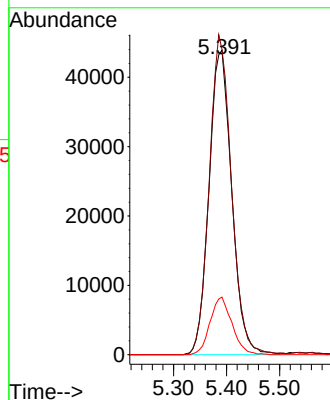
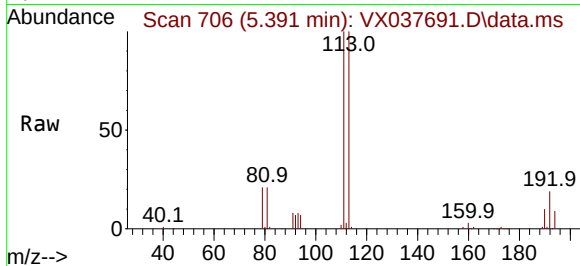




#35
 Dibromofluoromethane
 Concen: 46.199 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX037691.D
 Acq: 13 Sep 2023 13:40

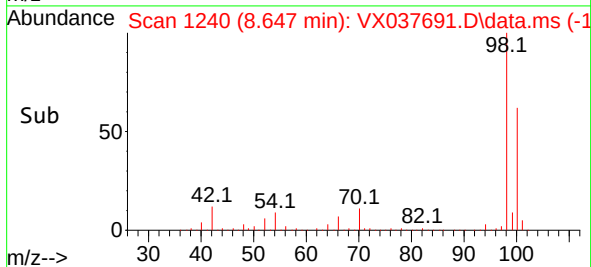
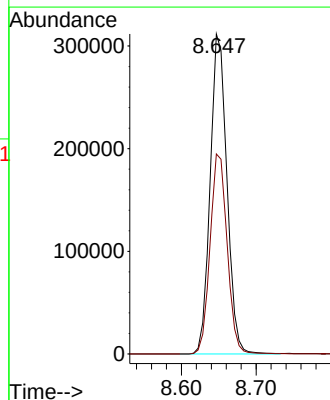
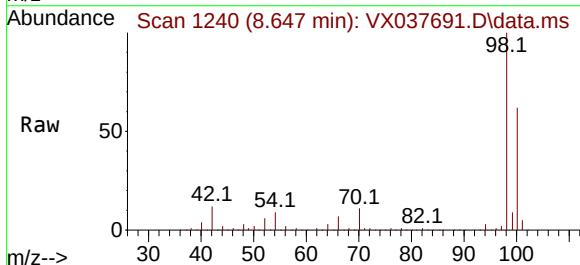
Instrument :
 MSVOA_X
 ClientSampleId :
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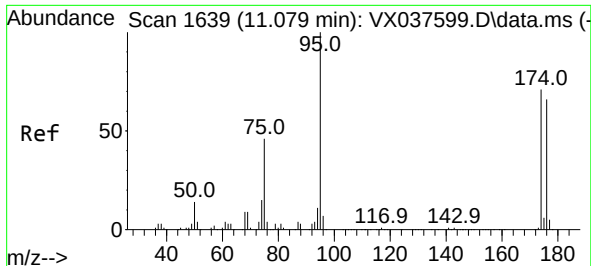
Tgt Ion:113 Resp: 130903
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 18.2 13.3 19.9



#50
 Toluene-d8
 Concen: 45.359 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX037691.D
 Acq: 13 Sep 2023 13:40

Tgt Ion: 98 Resp: 484710
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.1 79.7

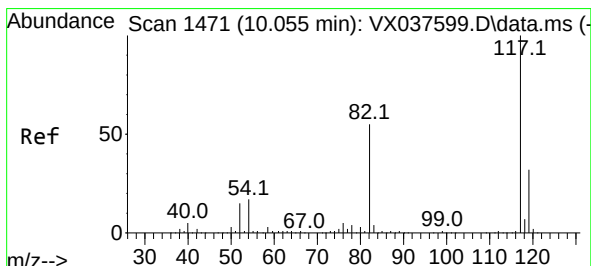
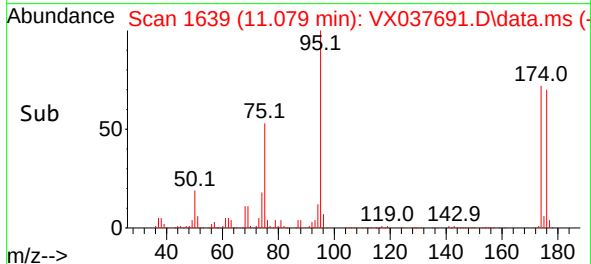
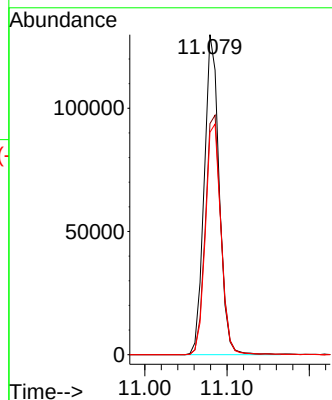
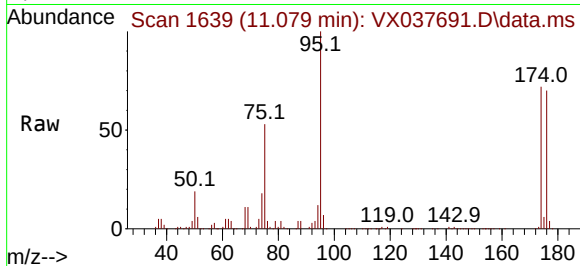




#62
4-Bromofluorobenzene
Concen: 42.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037691.D
Acq: 13 Sep 2023 13:40

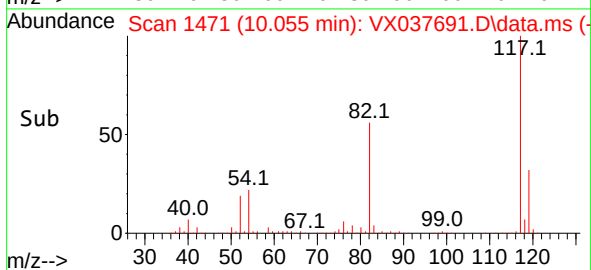
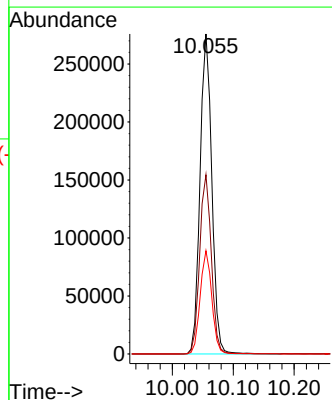
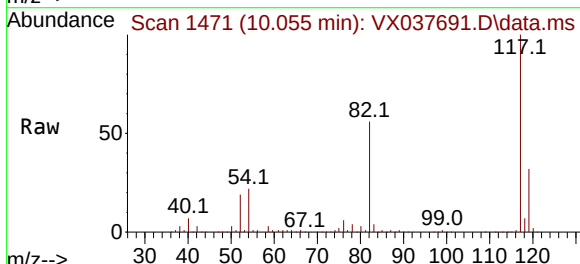
Instrument :
MSVOA_X
ClientSampleId :
FB9/8

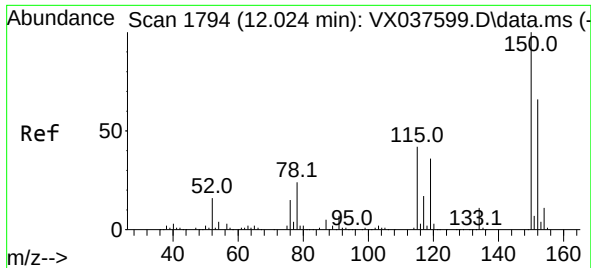
Tgt Ion: 95 Resp: 164047
Ion Ratio Lower Upper
95 100
174 78.0 0.0 135.6
176 75.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037691.D
Acq: 13 Sep 2023 13:40

Tgt Ion: 117 Resp: 369632
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.2 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: VX037691.D

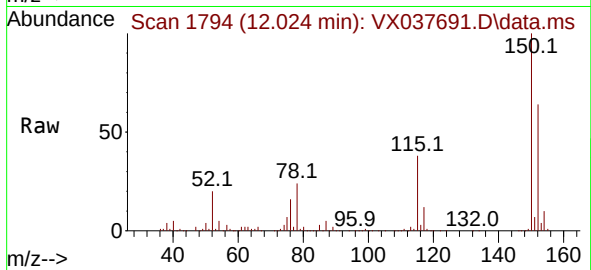
Acq: 13 Sep 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 154290

Ion Ratio Lower Upper

152 100

115 61.0 43.3 129.9

150 153.8 0.0 345.0

