

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037789.D
 Acq On : 18 Sep 2023 20:19
 Operator : JC/MD
 Sample : 04459-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137BASIN-A-20230914

Quant Time: Sep 19 07:26:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

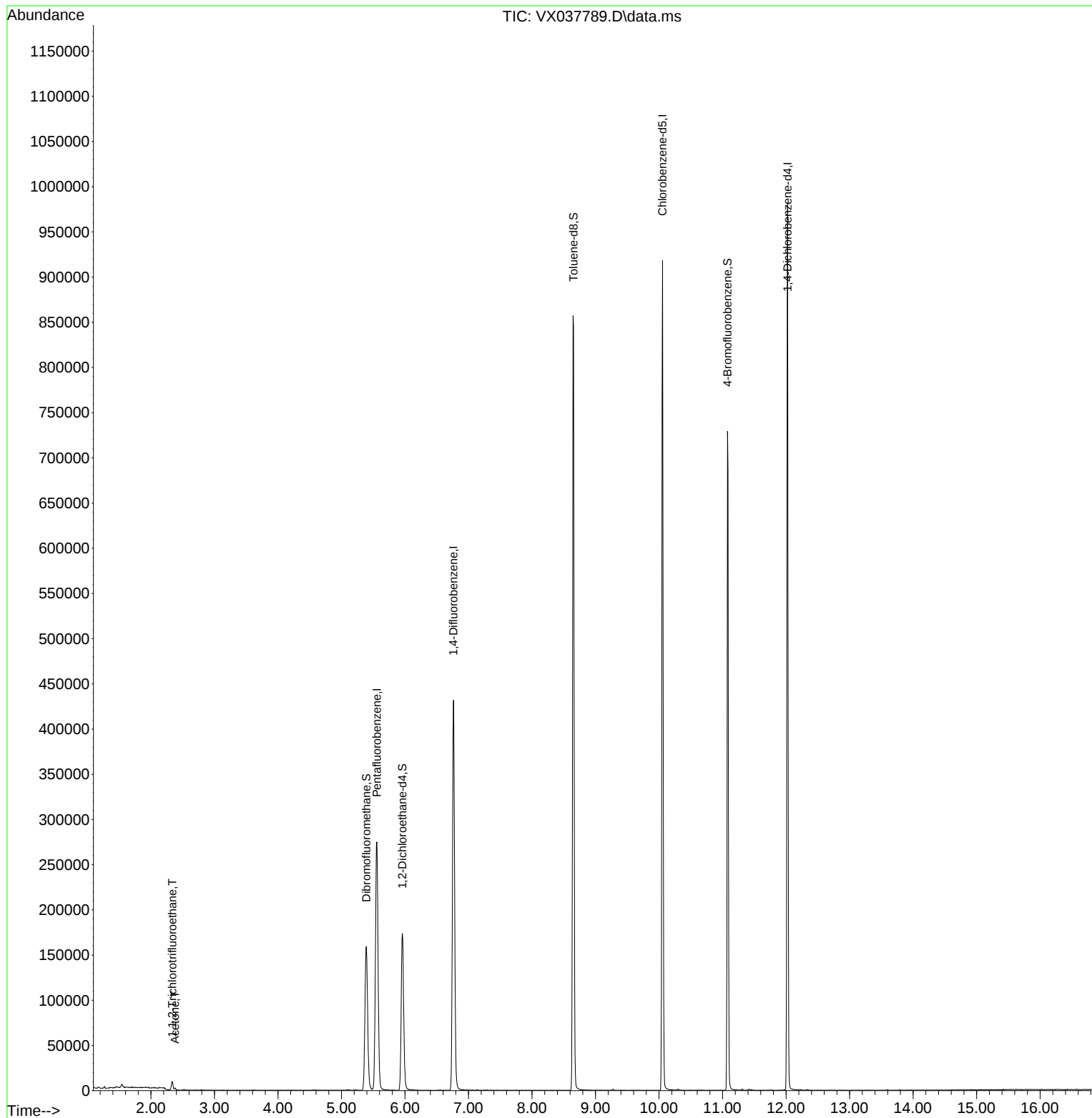
Internal Standards						
1) Pentafluorobenzene	5.556	168	269357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166748	47.118	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.240%
35) Dibromofluoromethane	5.391	113	141532	46.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.653	98	535537	47.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.540%
62) 4-Bromofluorobenzene	11.079	95	194518	47.748	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.500%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	3707	1.363	ug/l	95
16) Acetone	2.380	43	2198	1.291	ug/l	97

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

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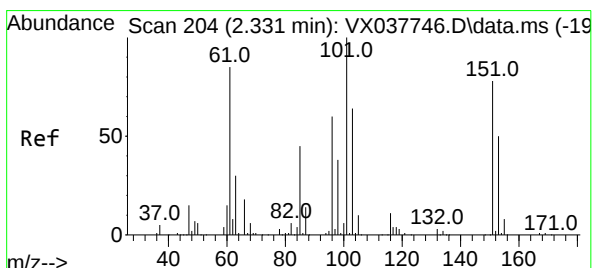
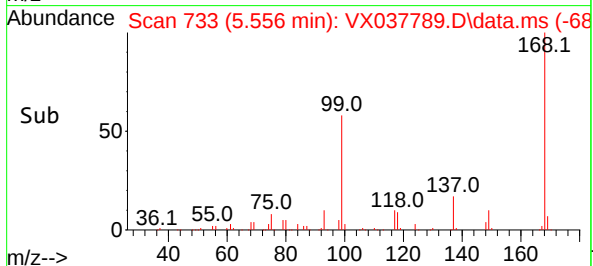
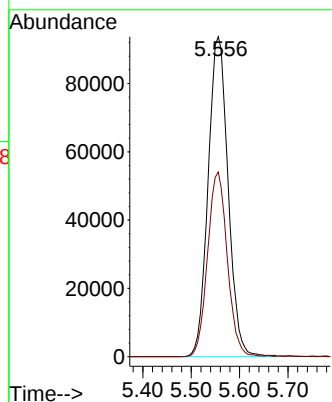
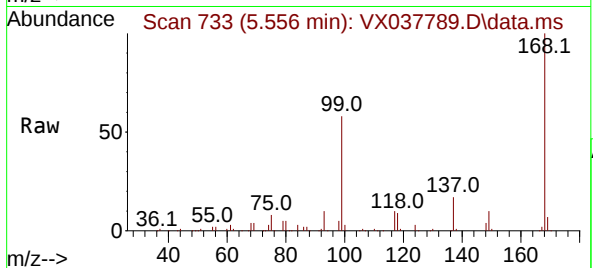




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

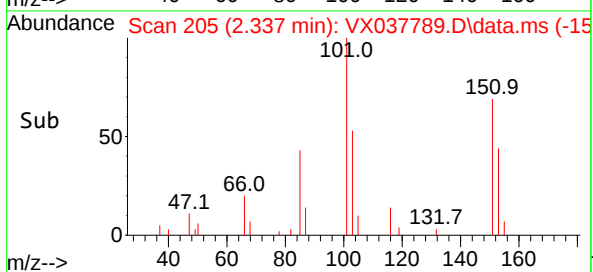
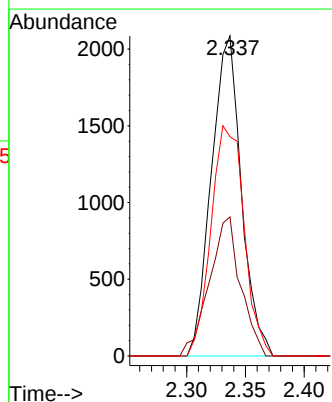
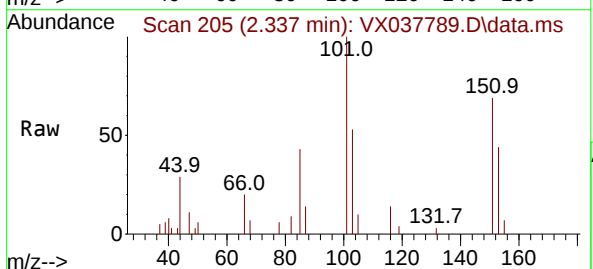
Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-A-20230914

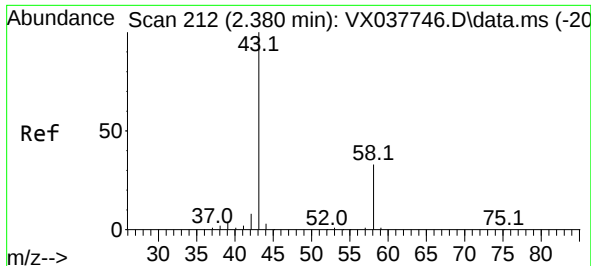
Tgt Ion:168 Resp: 269357
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.363 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

Tgt Ion:101 Resp: 3707
Ion Ratio Lower Upper
101 100
85 45.2 37.0 55.6
151 78.9 58.6 87.8

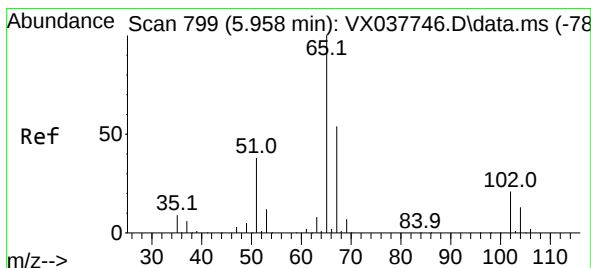
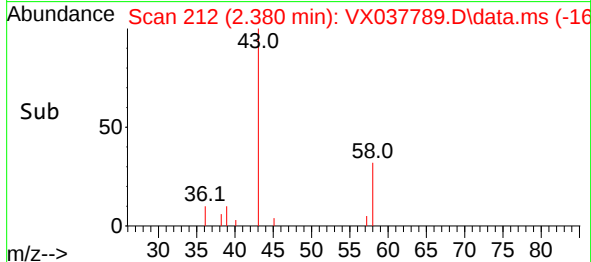
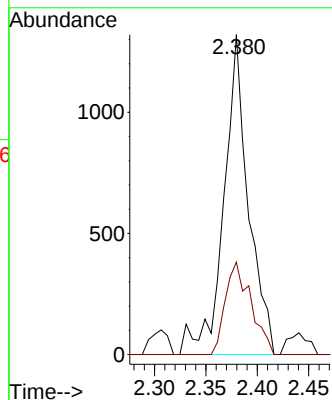
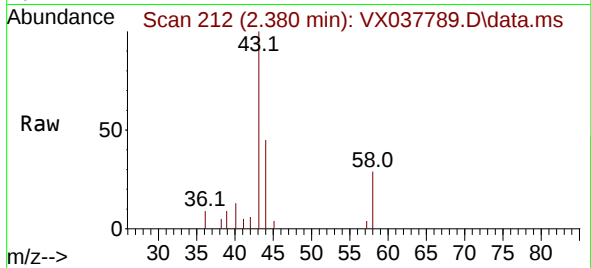




#16
Acetone
Concen: 1.291 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

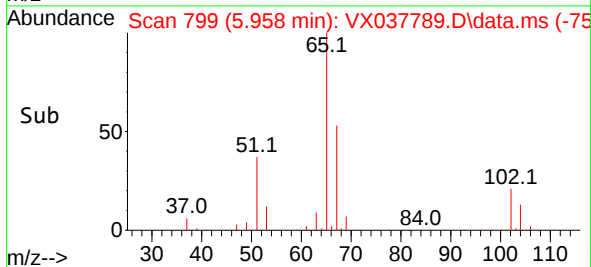
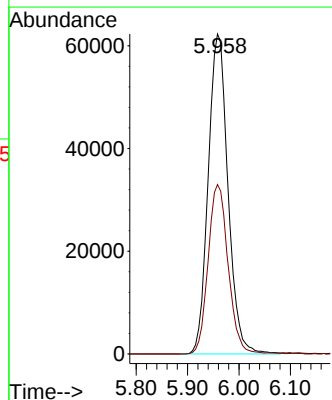
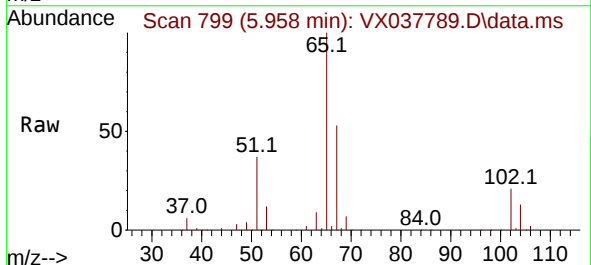
Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 2198
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9



#33
1,2-Dichloroethane-d4
Concen: 47.118 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

Tgt Ion: 65 Resp: 166748
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2

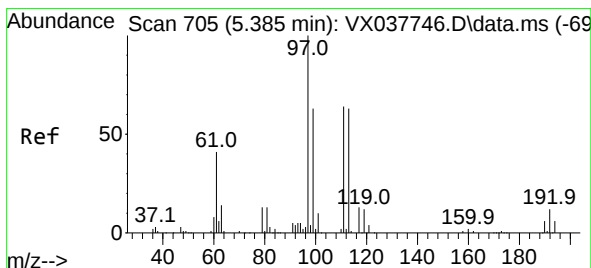
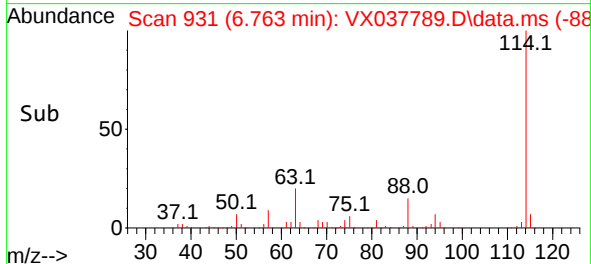
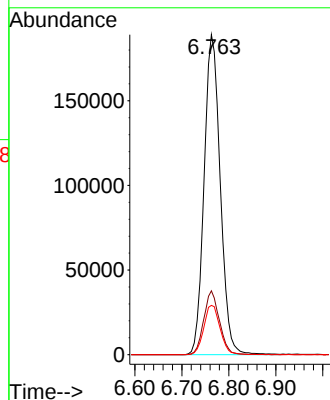
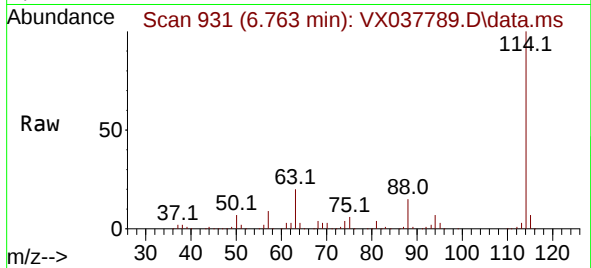




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

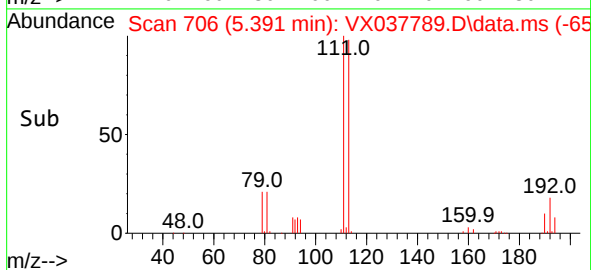
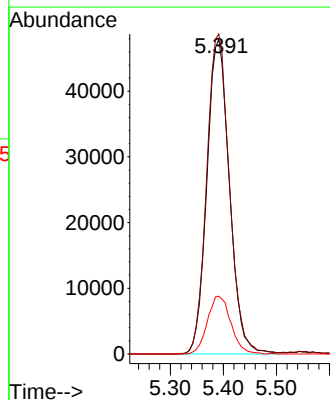
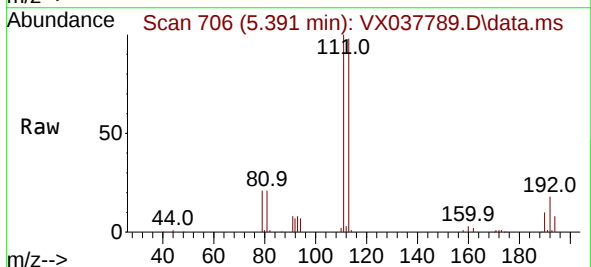
Instrument :
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ClientSampleId :
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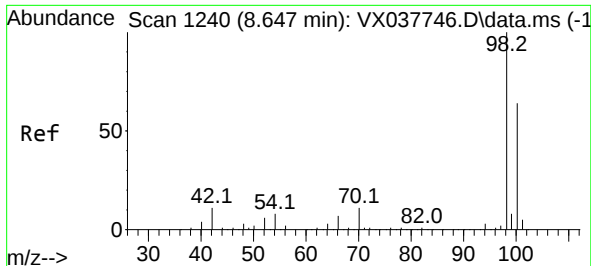
Tgt Ion:114 Resp: 450934
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.908 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

Tgt Ion:113 Resp: 141532
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.1 13.3 19.9

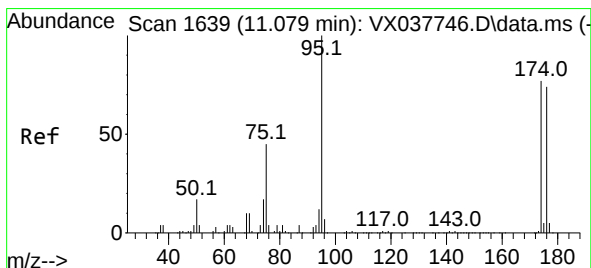
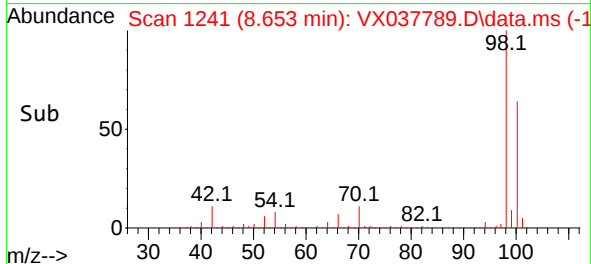
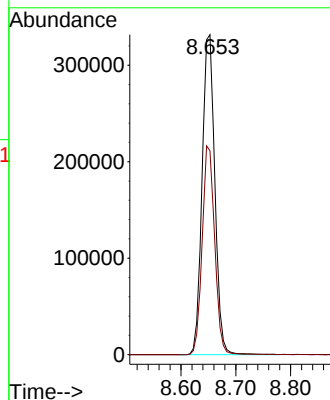
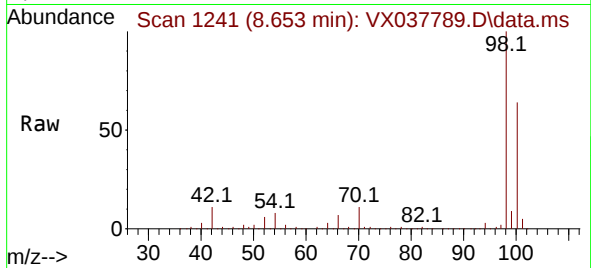




#50
Toluene-d8
Concen: 47.770 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

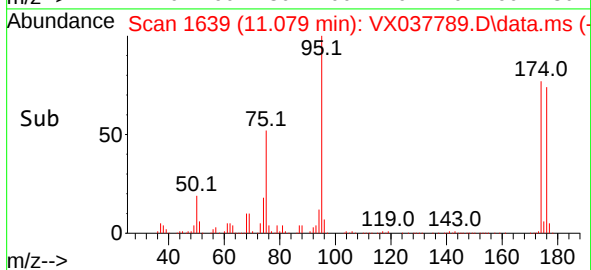
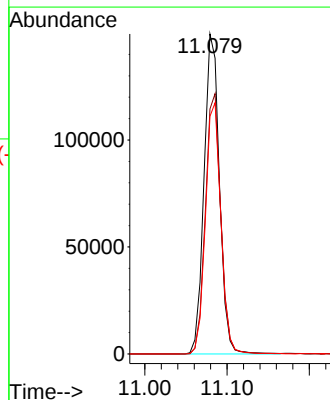
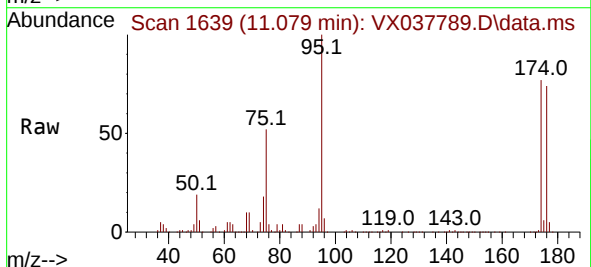
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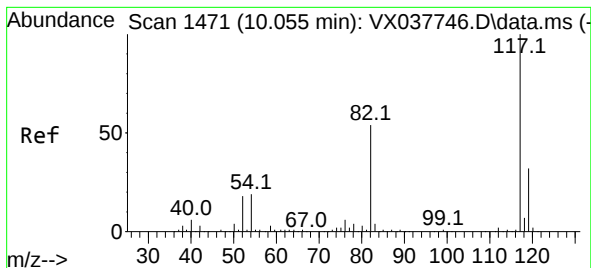
Tgt Ion: 98 Resp: 535537
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

Tgt Ion: 95 Resp: 194518
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: VX037789.D

Acq: 18 Sep 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

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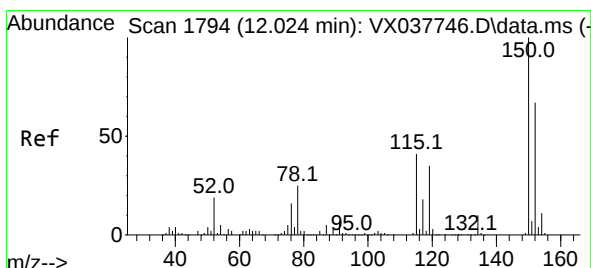
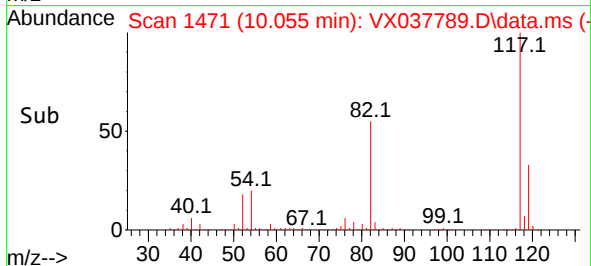
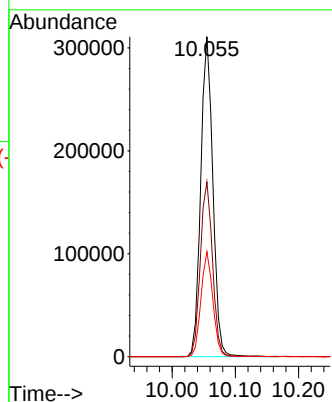
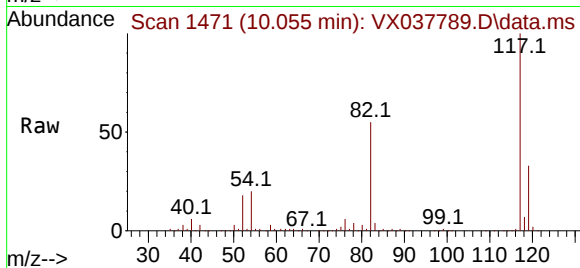
Tgt Ion:117 Resp: 415523

Ion Ratio Lower Upper

117 100

82 54.6 46.2 69.4

119 32.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037789.D

Acq: 18 Sep 2023 20:19

Tgt Ion:152 Resp: 203502

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 155.8 0.0 345.0

