

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037626.D
 Acq On : 09 Sep 2023 14:35
 Operator : JC/MD
 Sample : 04254-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20230830

Quant Time: Sep 11 01:22:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

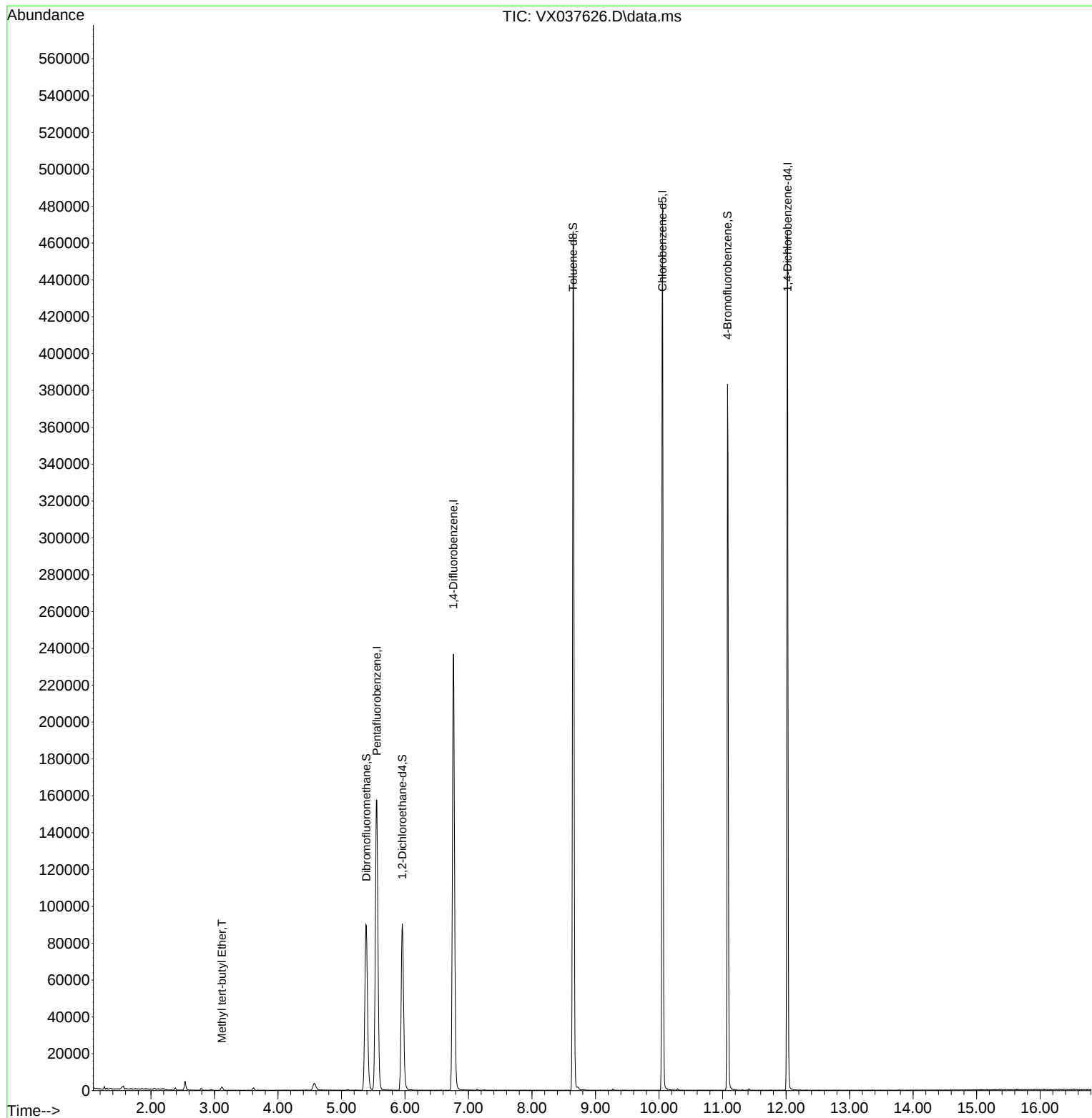
Internal Standards						
1) Pentafluorobenzene	5.556	168	155153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88636	42.321	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.640%
35) Dibromofluoromethane	5.391	113	82302	45.837	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.680%
50) Toluene-d8	8.647	98	292447	44.407	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.820%#
62) 4-Bromofluorobenzene	11.079	95	110200	44.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.800%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	2152	0.364	ug/l	Qvalue 97

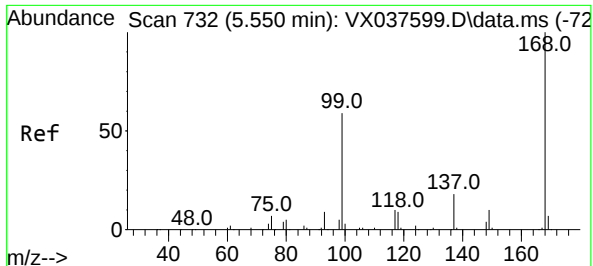
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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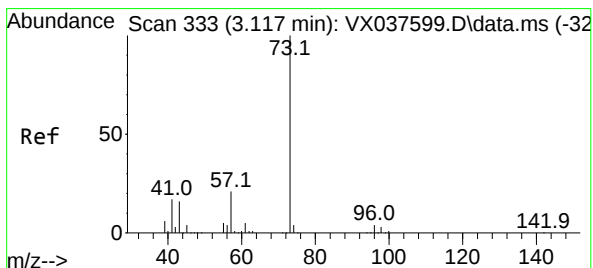
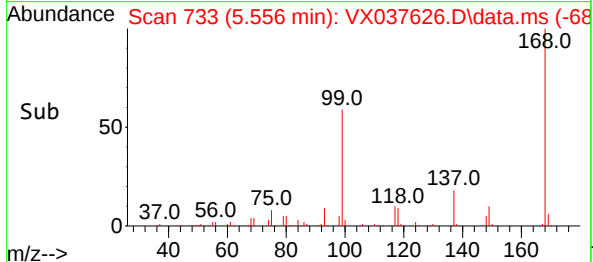
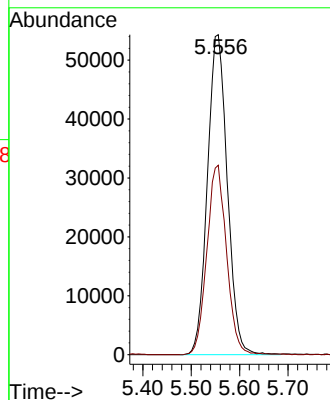
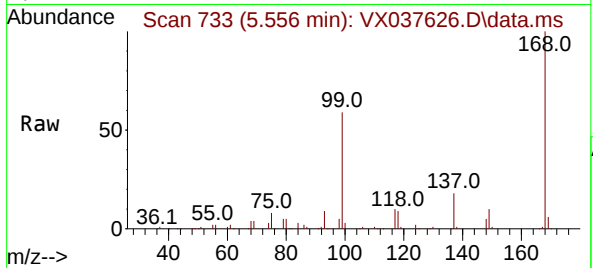




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

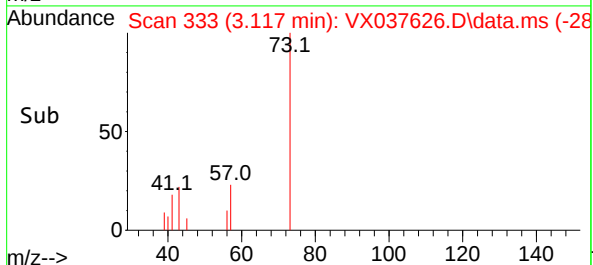
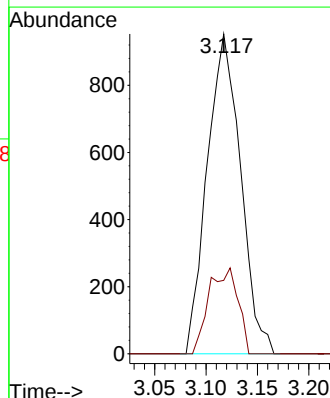
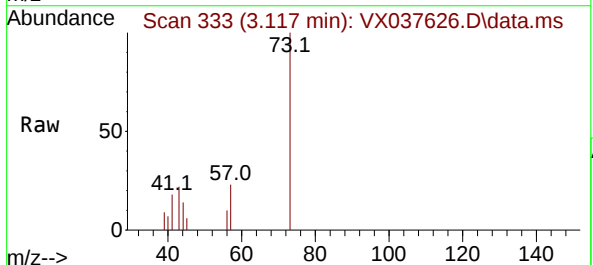
Instrument : MSVOA_X
ClientSampleId : RW11-MW01S-20230830

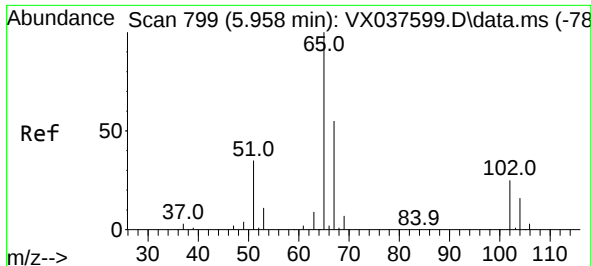
Tgt Ion:168 Resp: 155153
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 0.364 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

Tgt Ion: 73 Resp: 2152
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9





#33

1,2-Dichloroethane-d4

Concen: 42.321 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037626.D

Acq: 09 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

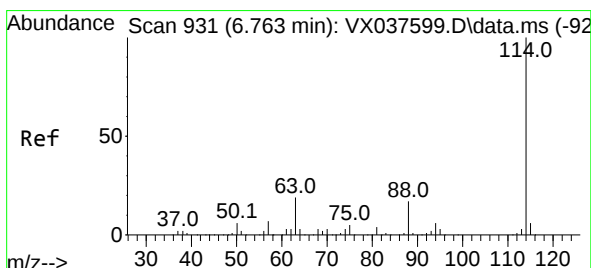
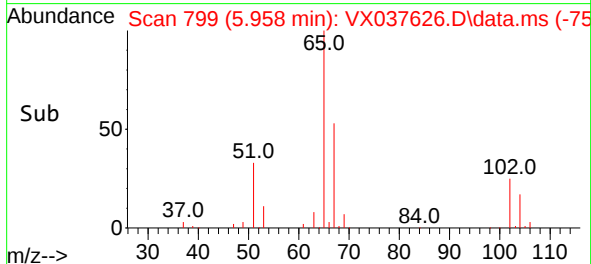
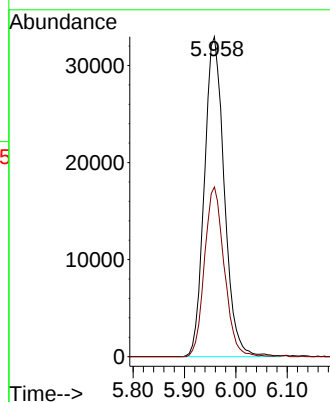
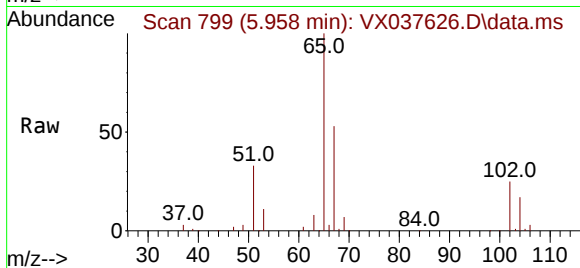
RW11-MW01S-20230830

Tgt Ion: 65 Resp: 88636

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: VX037626.D

Acq: 09 Sep 2023 14:35

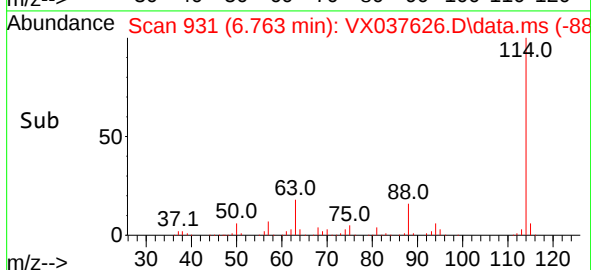
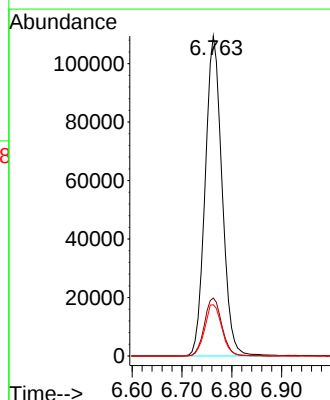
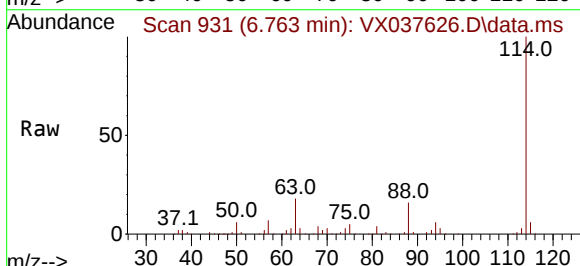
Tgt Ion: 114 Resp: 256713

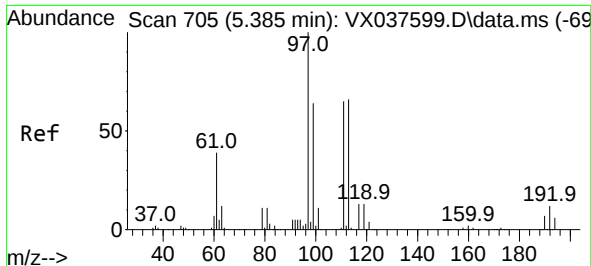
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

88 16.0 0.0 36.6

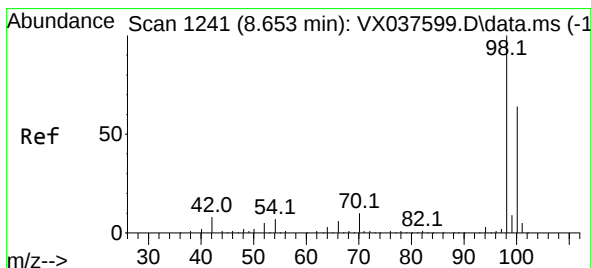
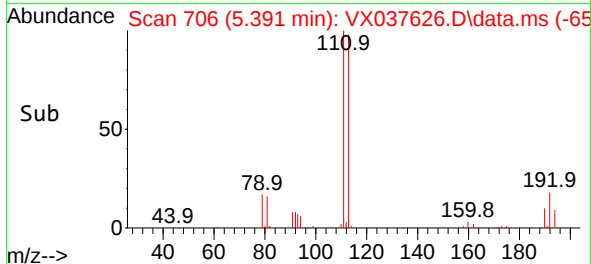
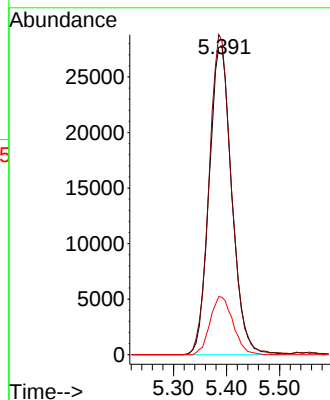
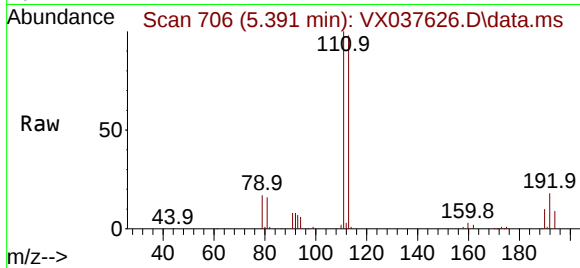




#35
 Dibromofluoromethane
 Concen: 45.837 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX037626.D
 Acq: 09 Sep 2023 14:35

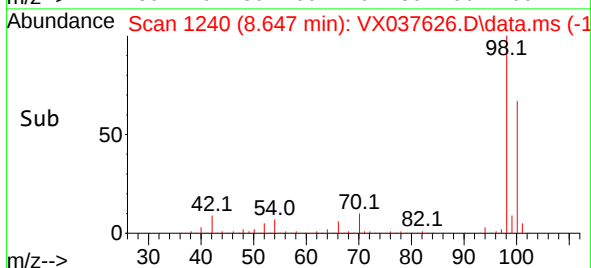
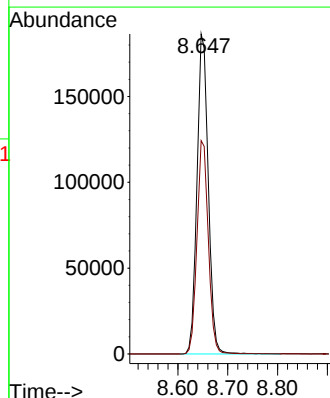
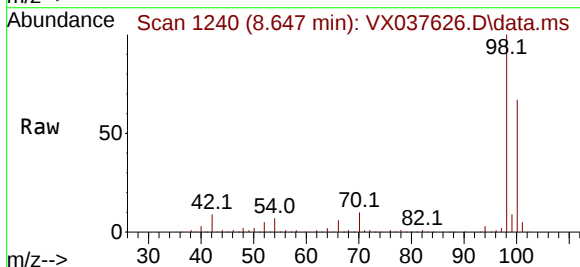
Instrument :
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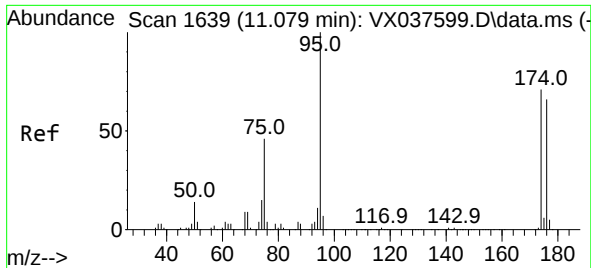
Tgt Ion:	113	Resp:	82302
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.0	13.3	19.9



#50
 Toluene-d8
 Concen: 44.407 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX037626.D
 Acq: 09 Sep 2023 14:35

Tgt Ion:	98	Resp:	292447
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.1	79.7

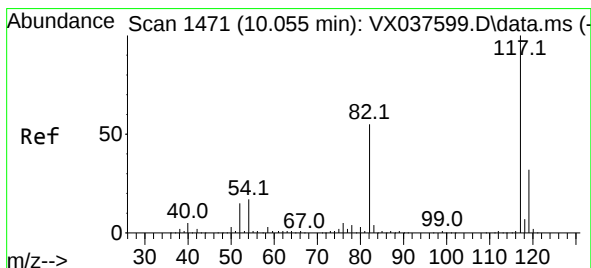
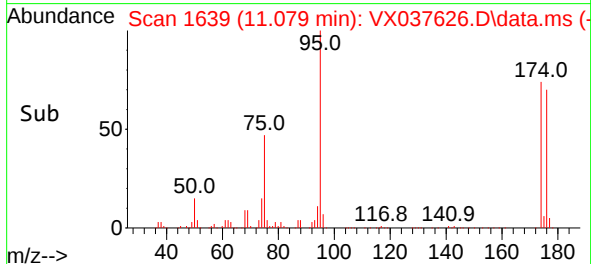
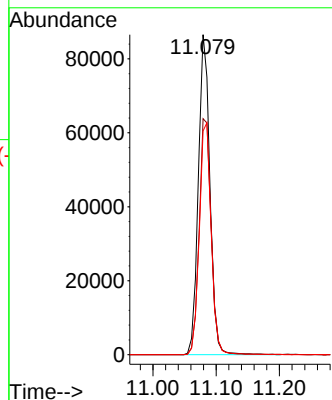
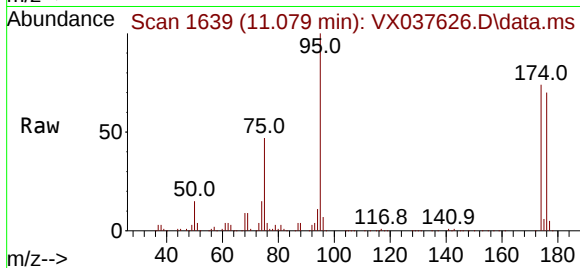




#62
4-Bromofluorobenzene
Concen: 44.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

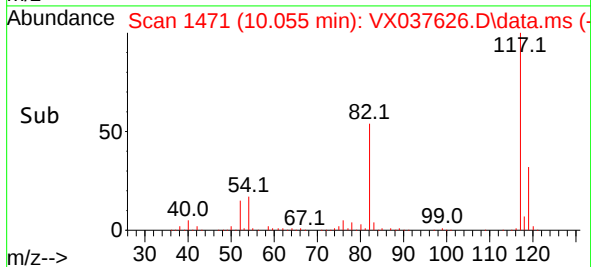
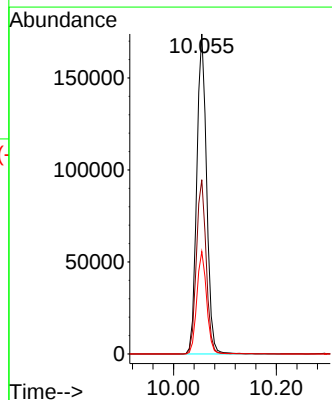
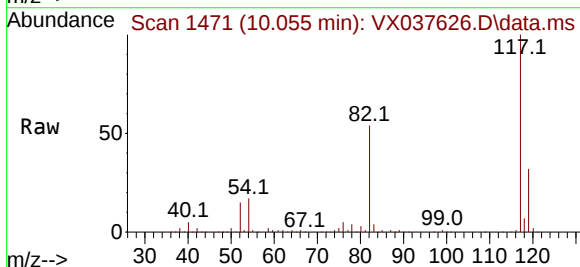
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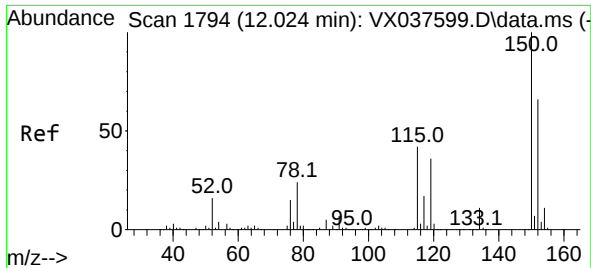
Tgt Ion: 95 Resp: 110200
Ion Ratio Lower Upper
95 100
174 76.6 0.0 135.6
176 74.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

Tgt Ion: 117 Resp: 231865
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.0 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: VX037626.D

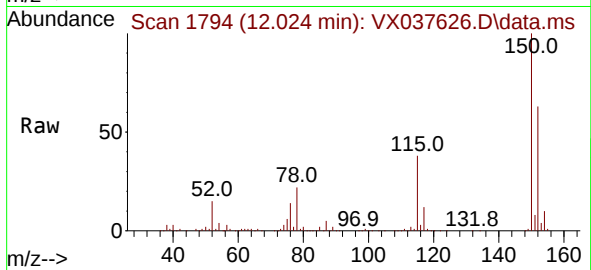
Acq: 09 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20230830



Tgt Ion:152 Resp: 102727

Ion Ratio Lower Upper

152 100

115 62.6 43.3 129.9

150 158.6 0.0 345.0

