

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037699.D
 Acq On : 13 Sep 2023 16:55
 Operator : JC/MD
 Sample : 04353-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12A-15.5-090723

Quant Time: Sep 14 02:22:31 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)

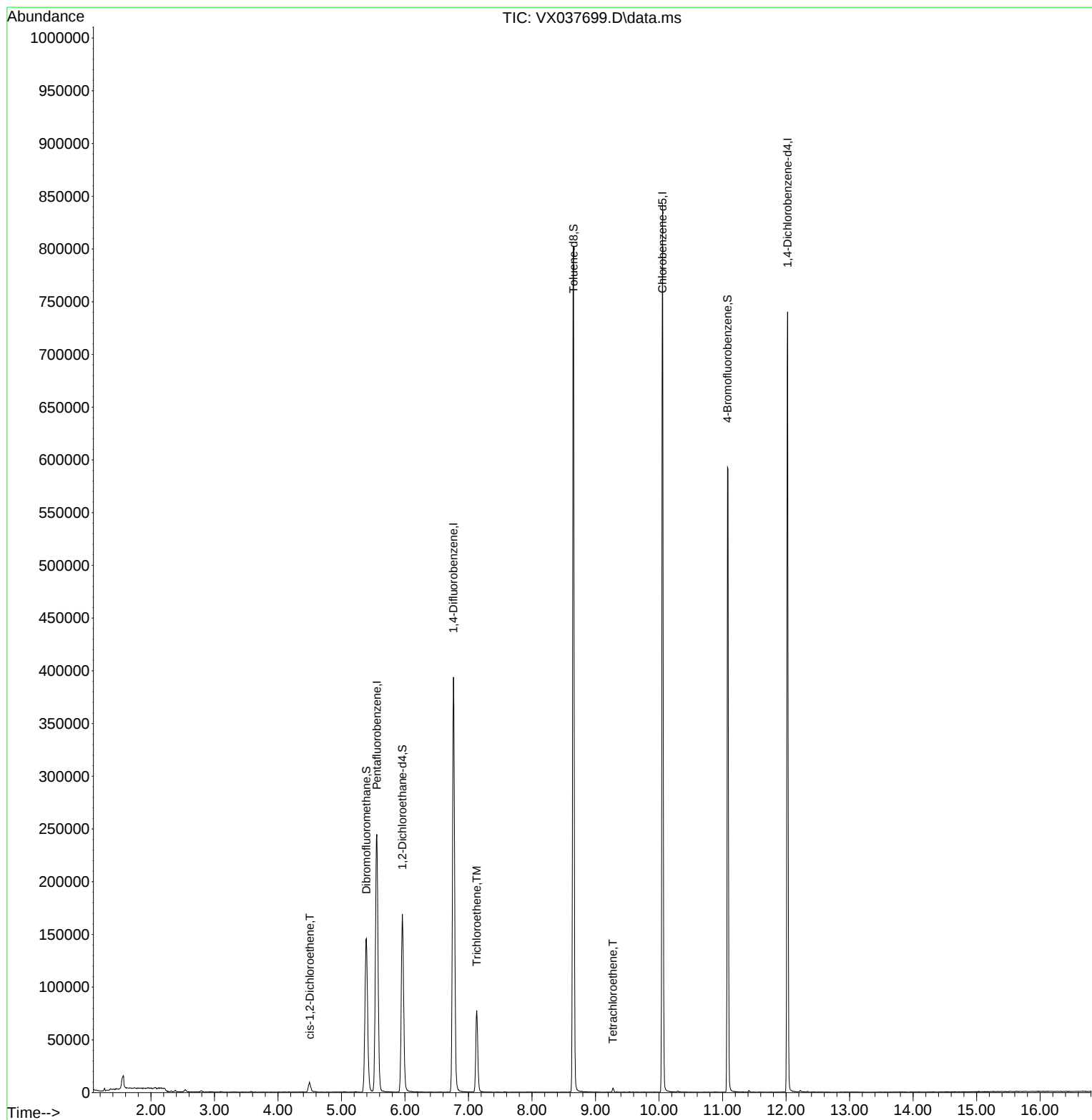
Internal Standards						
1) Pentafluorobenzene	5.556	168	230228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	398792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158930	42.667	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.340%
35) Dibromofluoromethane	5.391	113	128246	45.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	8.653	98	486046	45.593	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.180%#
62) 4-Bromofluorobenzene	11.079	95	161208	41.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.820%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.501	96	5870	1.766	ug/l	85
44) Trichloroethene	7.129	130	30186	10.364	ug/l	99
64) Tetrachloroethene	9.275	164	678	0.284	ug/l #	80

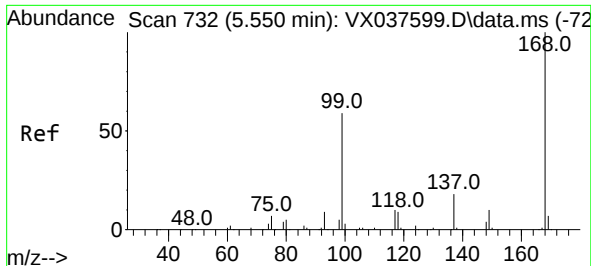
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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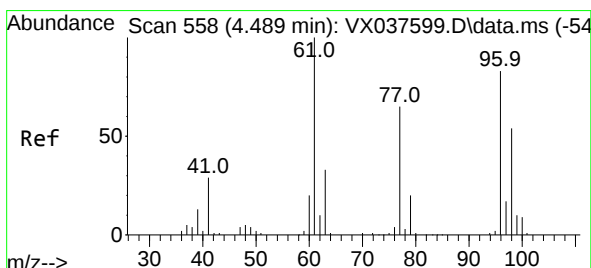
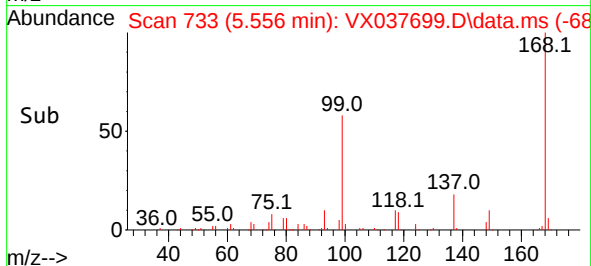
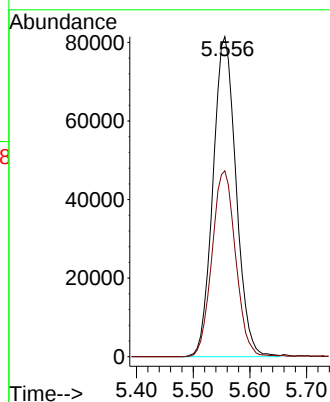
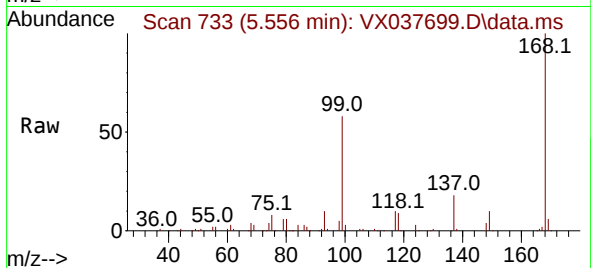




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

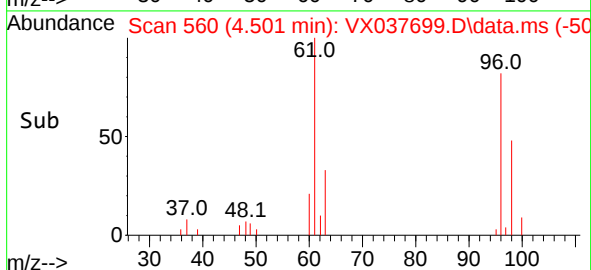
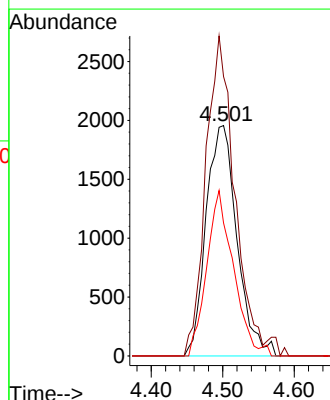
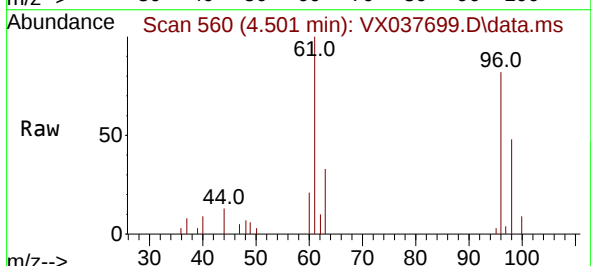
Instrument :
MSVOA_X
ClientSampleId :
MW-12A-15.5-090723

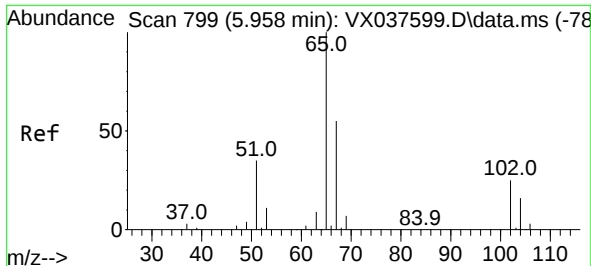
Tgt Ion:168 Resp: 230228
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#27
cis-1,2-Dichloroethene
Concen: 1.766 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

Tgt Ion: 96 Resp: 5870
Ion Ratio Lower Upper
96 100
61 129.3 0.0 312.2
98 62.3 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 42.667 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037699.D

Acq: 13 Sep 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

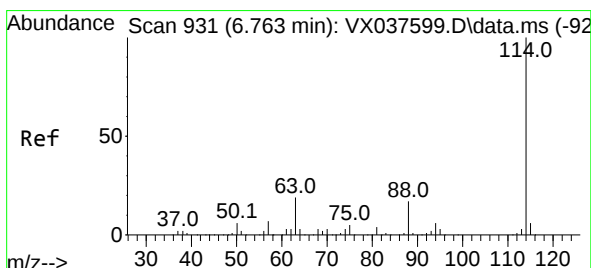
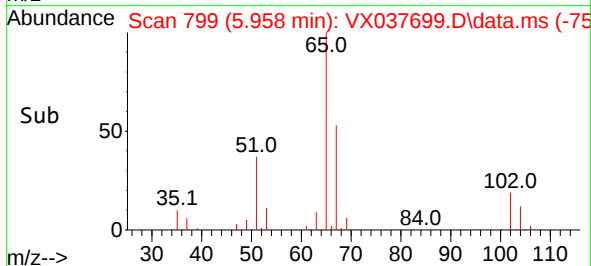
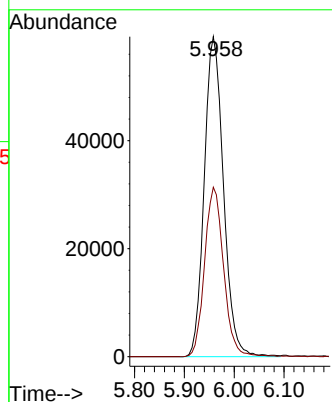
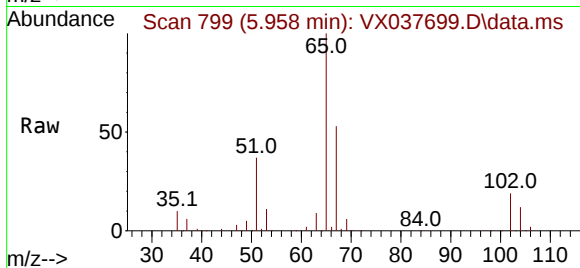
MW-12A-15.5-090723

Tgt Ion: 65 Resp: 158930

Ion Ratio Lower Upper

65 100

67 52.3 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: VX037699.D

Acq: 13 Sep 2023 16:55

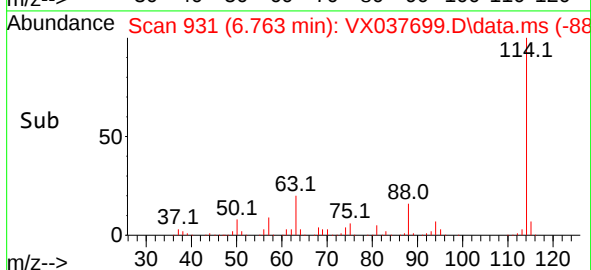
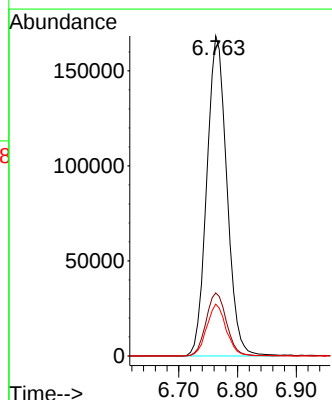
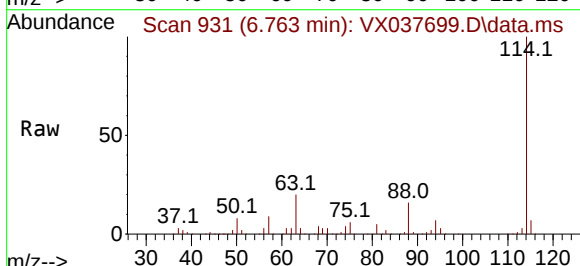
Tgt Ion: 114 Resp: 398792

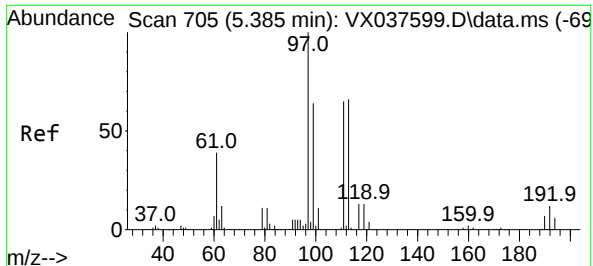
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.370 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037699.D

Acq: 13 Sep 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MW-12A-15.5-090723

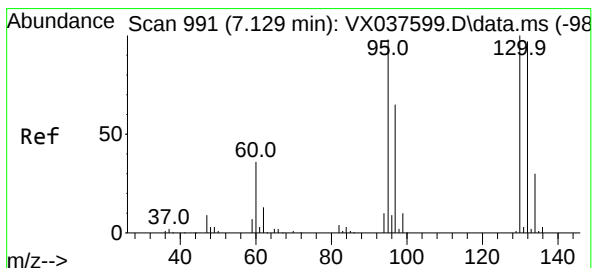
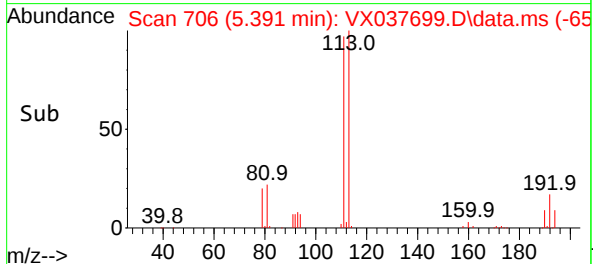
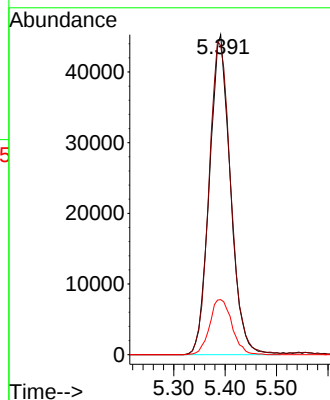
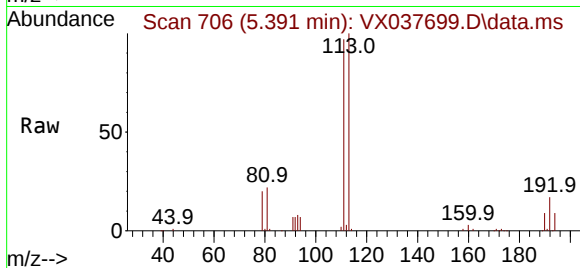
Tgt Ion:113 Resp: 128246

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 18.3 13.3 19.9



#44

Trichloroethene

Concen: 10.364 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX037699.D

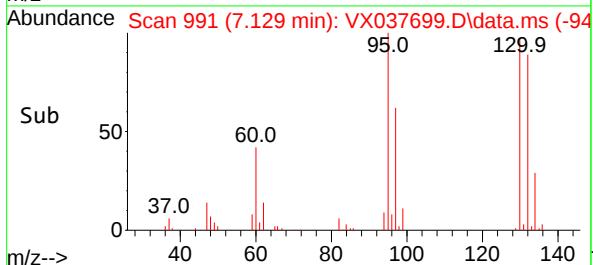
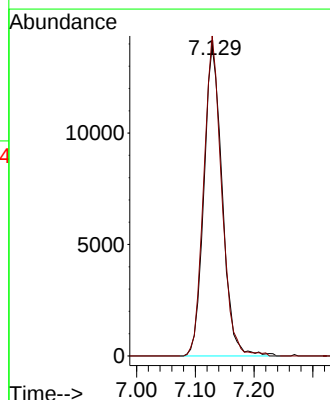
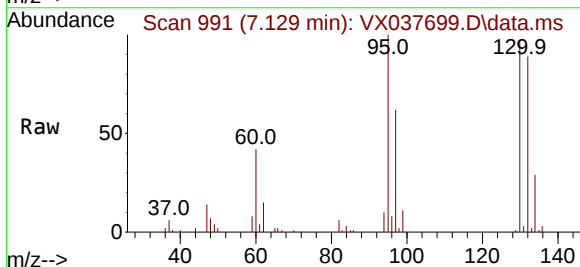
Acq: 13 Sep 2023 16:55

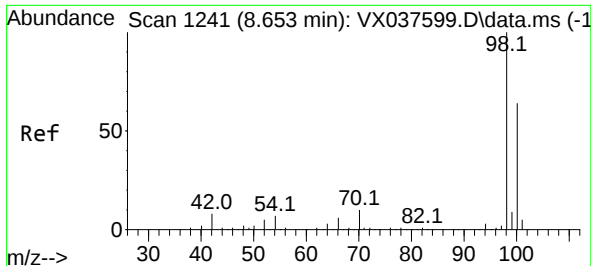
Tgt Ion:130 Resp: 30186

Ion Ratio Lower Upper

130 100

95 103.2 0.0 204.4

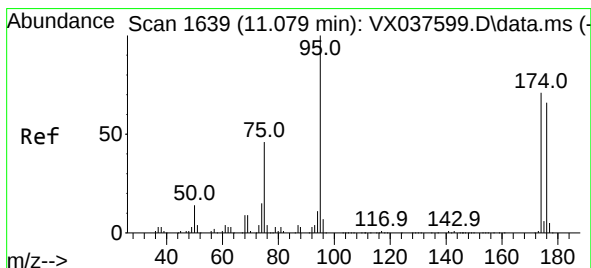
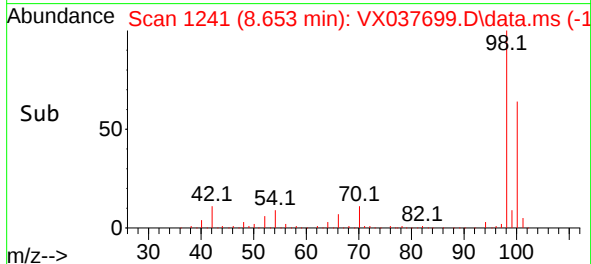
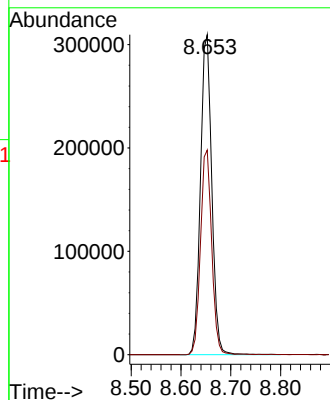
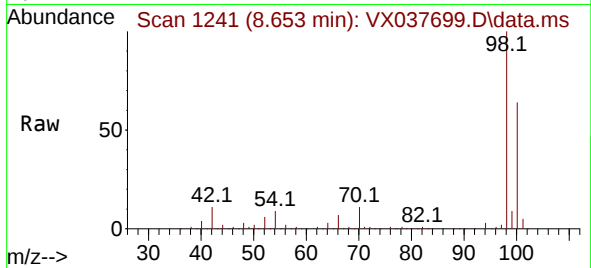




#50
Toluene-d8
Concen: 45.593 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

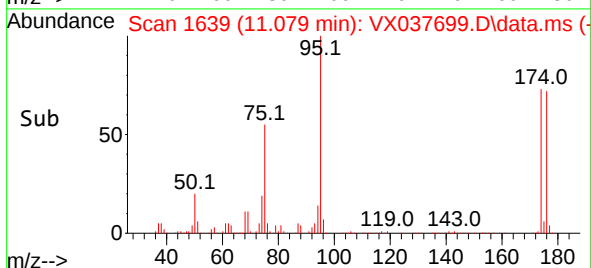
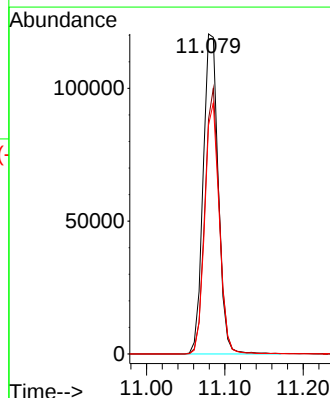
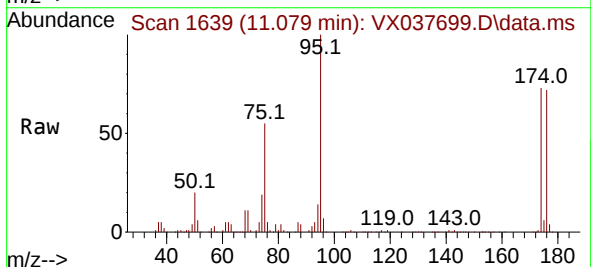
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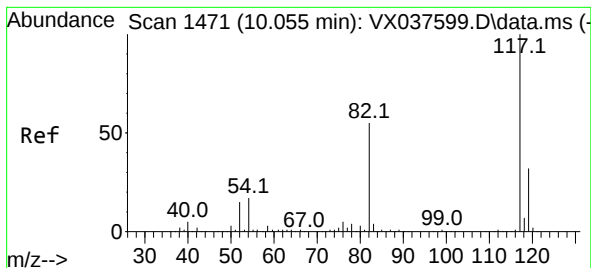
Tgt Ion: 98 Resp: 486046
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 41.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

Tgt Ion: 95 Resp: 161208
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 75.5 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: VX037699.D

Acq: 13 Sep 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MW-12A-15.5-090723

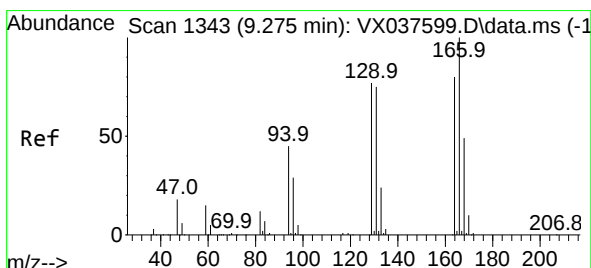
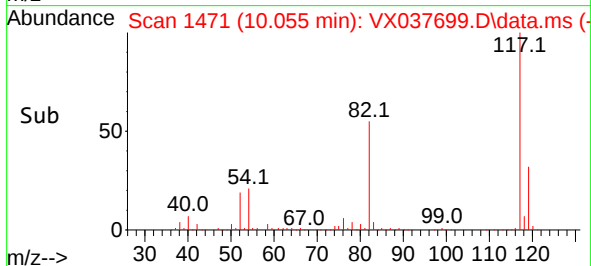
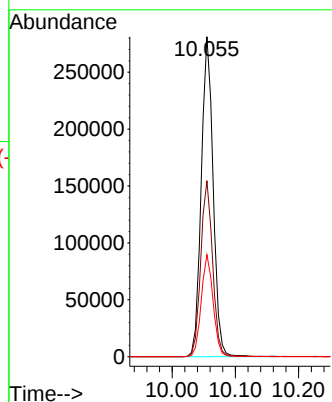
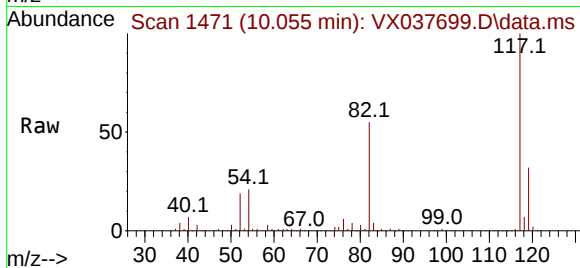
Tgt Ion:117 Resp: 368133

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 0.284 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX037699.D

Acq: 13 Sep 2023 16:55

Tgt Ion:164 Resp: 678

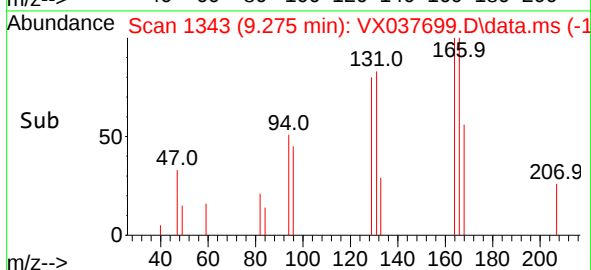
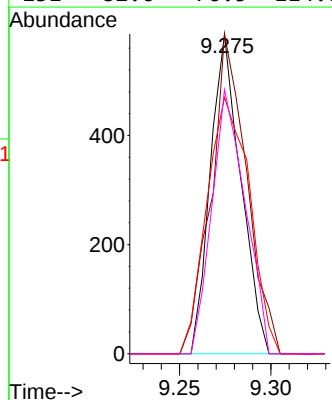
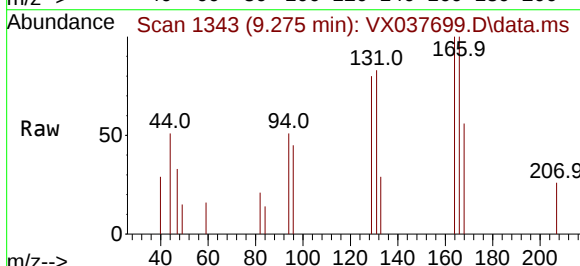
Ion Ratio Lower Upper

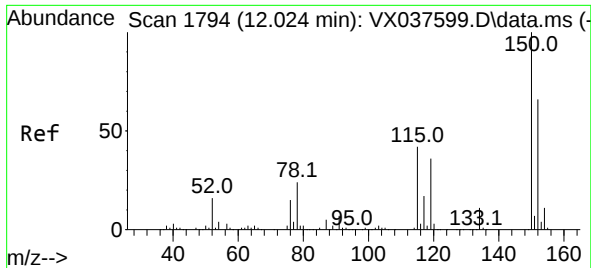
164 100

166 99.8 102.7 154.1#

129 80.2 80.4 120.6#

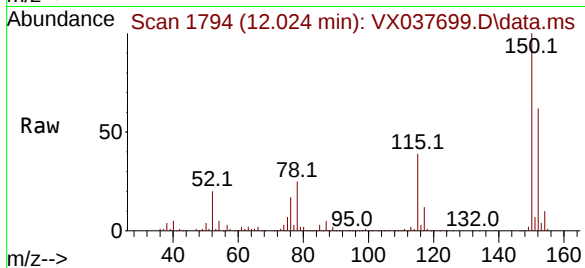
131 82.6 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037699.D
 Acq: 13 Sep 2023 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12A-15.5-090723



Tgt Ion:152 Resp: 151604
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.3 129.9
 150 157.5 0.0 345.0

