

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037251.D
 Acq On : 25 Aug 2023 06:24
 Operator : JC/MD
 Sample : 04095-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20230818

Quant Time: Aug 25 07:47:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

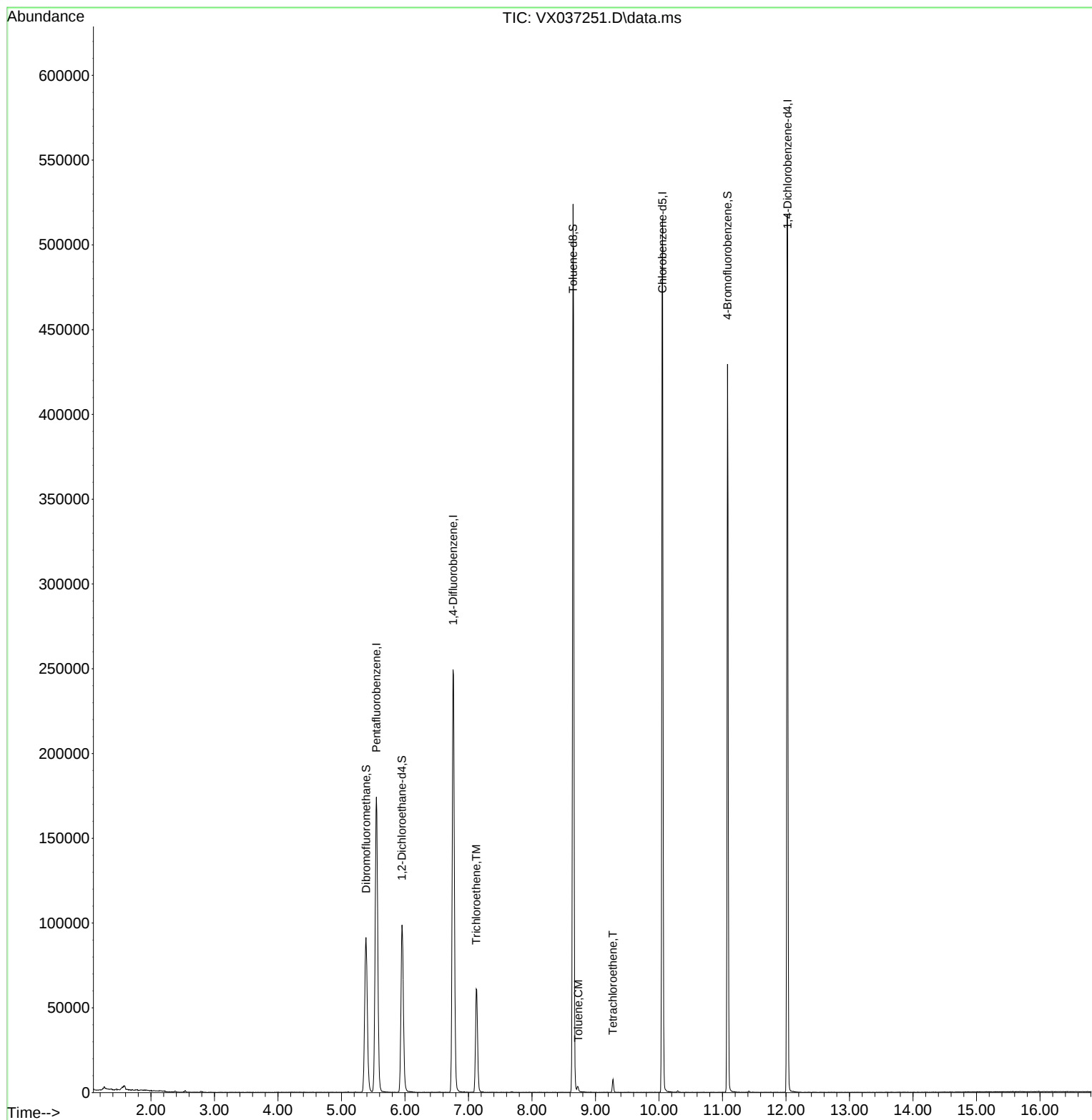
Internal Standards						
1) Pentafluorobenzene	5.550	168	161894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100335	42.989	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.980%		
35) Dibromofluoromethane	5.385	113	82086	46.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.300%		
50) Toluene-d8	8.647	98	310608	48.661	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.320%		
62) 4-Bromofluorobenzene	11.079	95	116000	46.244	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.480%		
Target Compounds						
44) Trichloroethene	7.123	130	25296	12.442	ug/l	99
52) Toluene	8.726	92	1373	0.290	ug/l	97
64) Tetrachloroethene	9.275	164	1448	0.838	ug/l	94

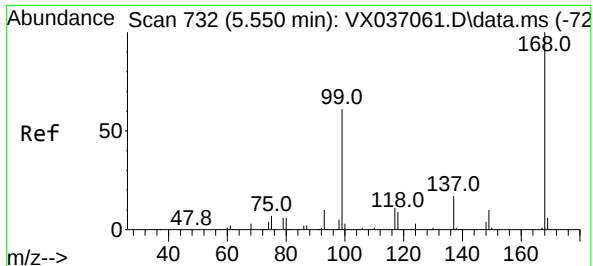
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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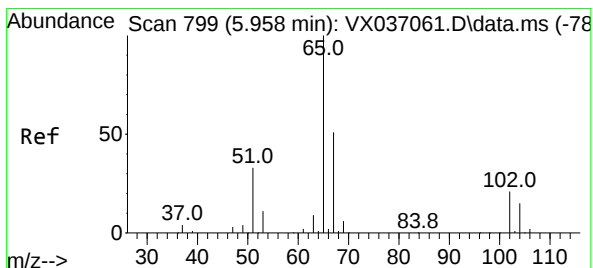
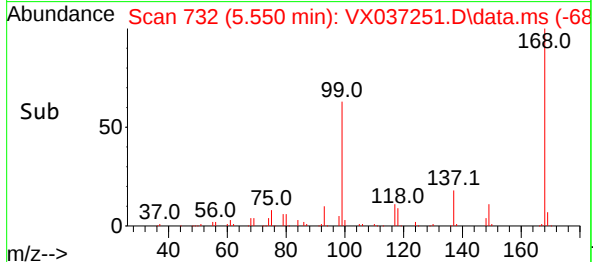
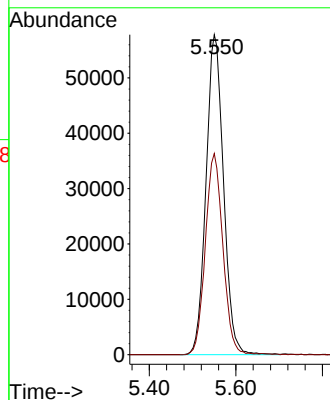
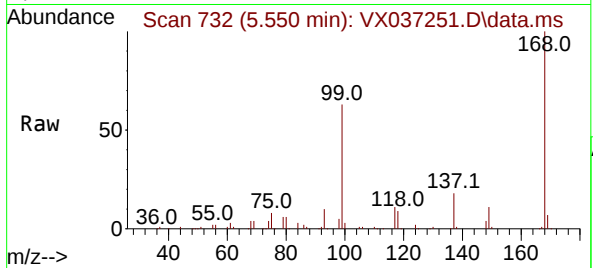




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

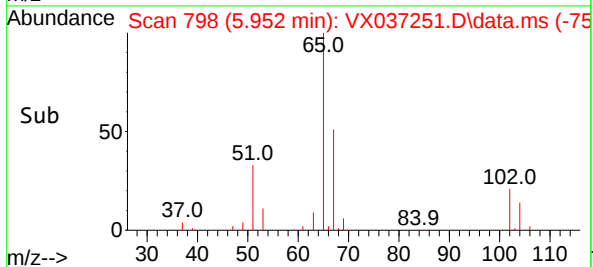
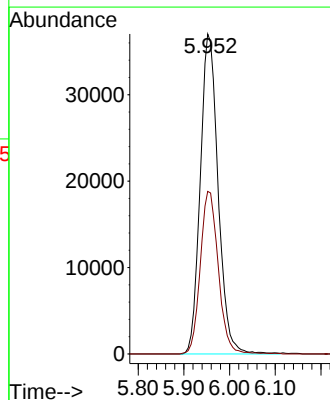
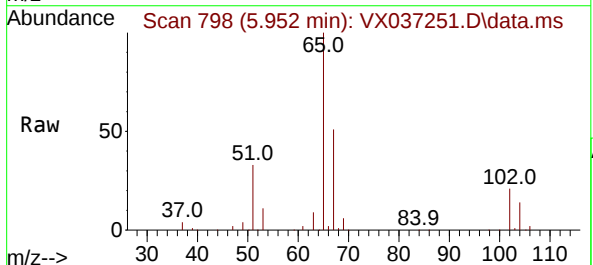
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230818

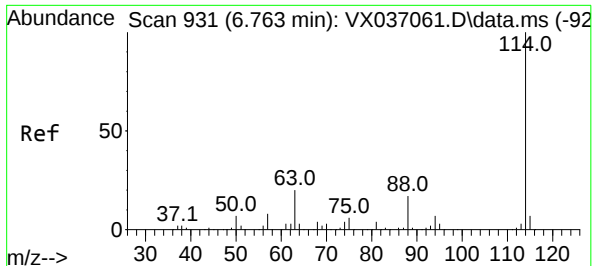
Tgt Ion:168 Resp: 161894
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 42.989 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion: 65 Resp: 100335
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX037251.D

Acq: 25 Aug 2023 06:24

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20230818

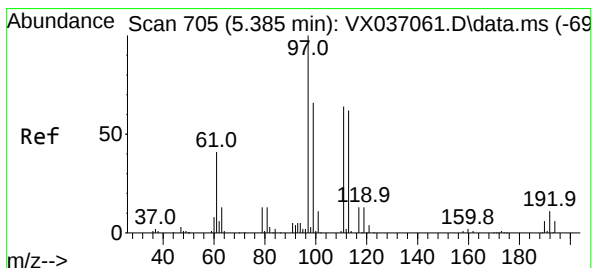
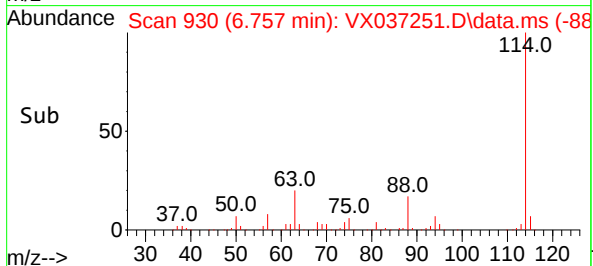
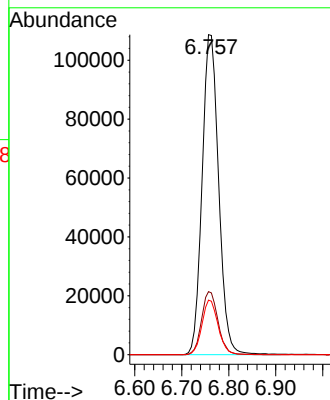
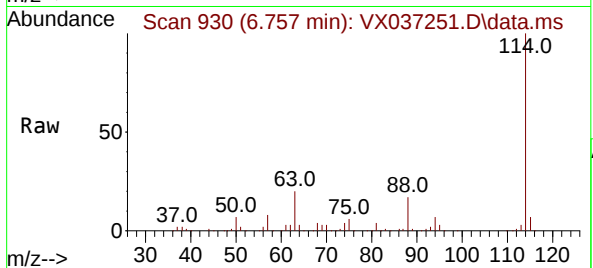
Tgt Ion:114 Resp: 265703

Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 17.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.648 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037251.D

Acq: 25 Aug 2023 06:24

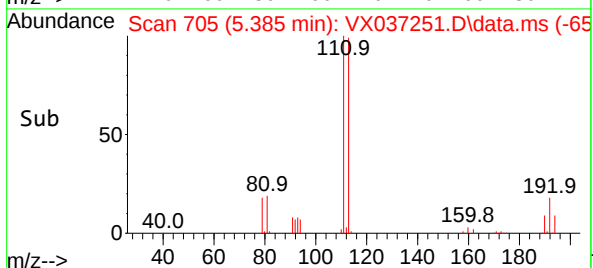
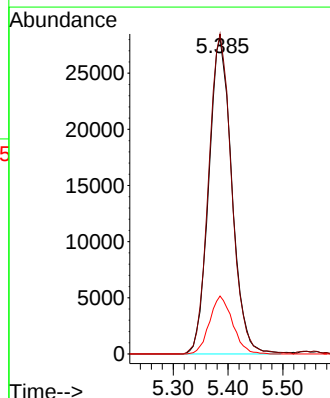
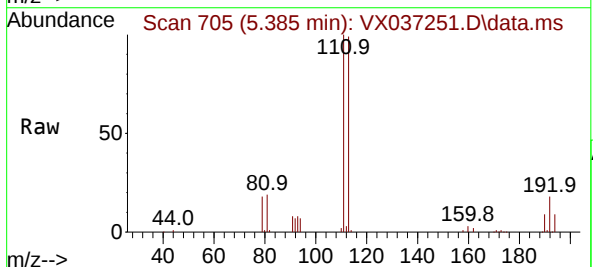
Tgt Ion:113 Resp: 82086

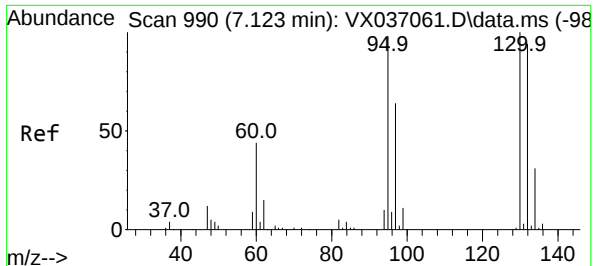
Ion Ratio Lower Upper

113 100

111 101.3 82.9 124.3

192 18.3 13.3 19.9

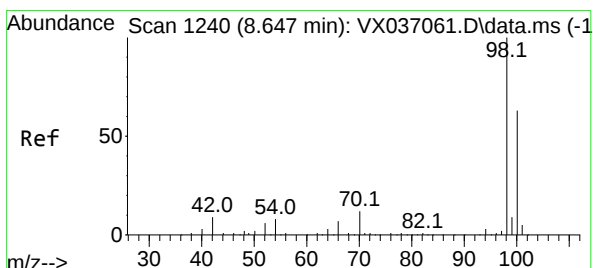
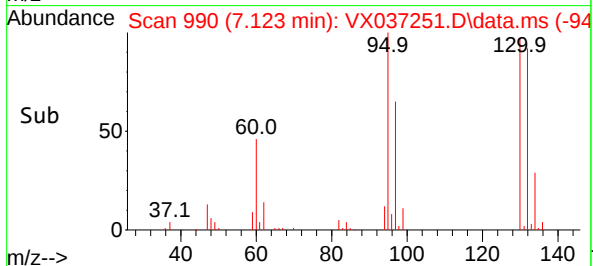
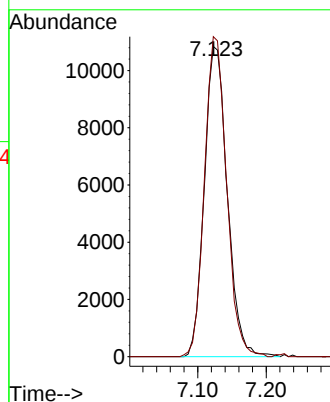
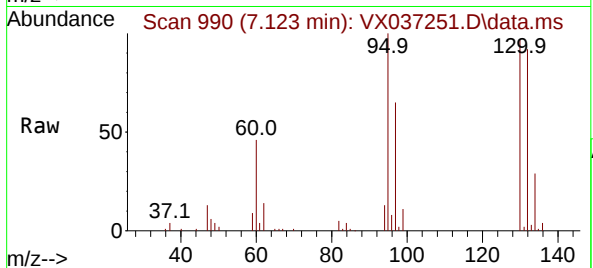




#44
Trichloroethene
Concen: 12.442 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

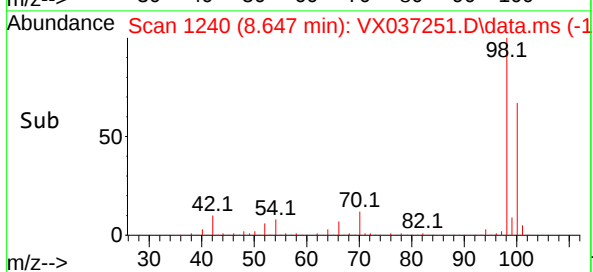
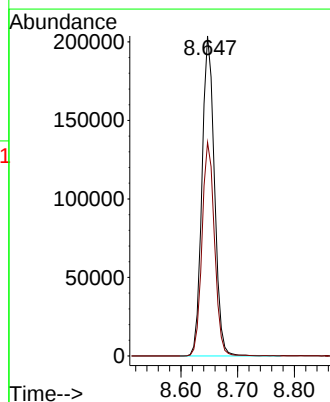
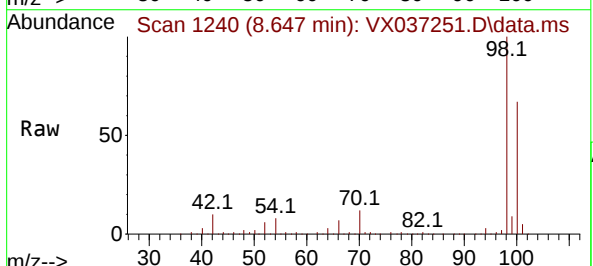
Instrument :
MSVOA_X
ClientSampleId :
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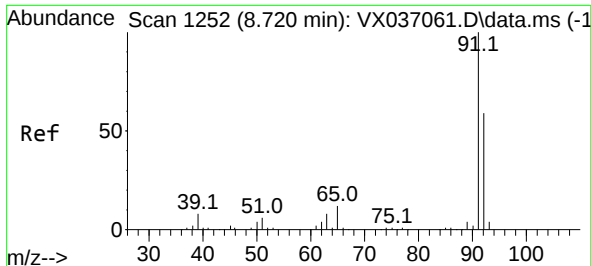
Tgt Ion:130 Resp: 25296
Ion Ratio Lower Upper
130 100
95 103.1 0.0 204.4



#50
Toluene-d8
Concen: 48.661 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion: 98 Resp: 310608
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

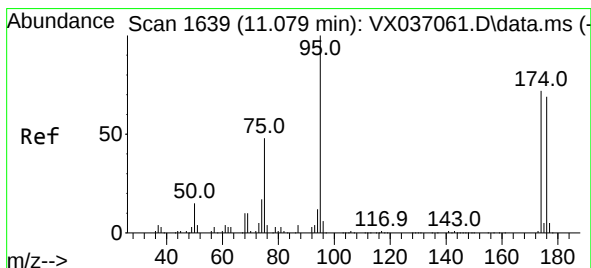
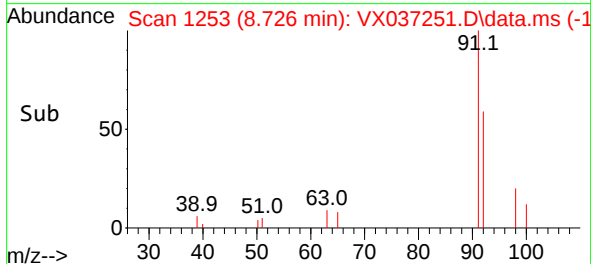
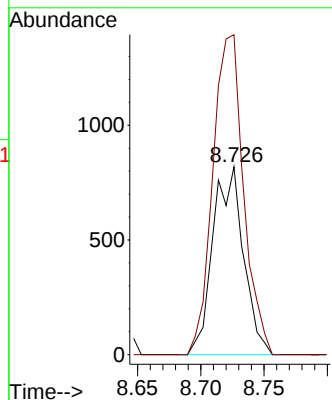
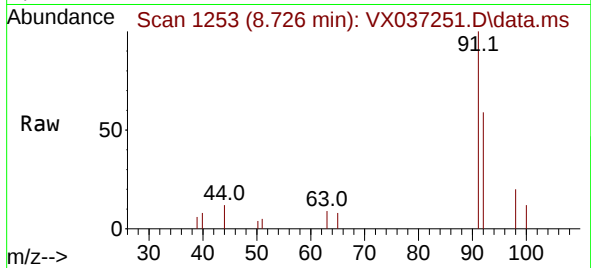




#52
Toluene
Concen: 0.290 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

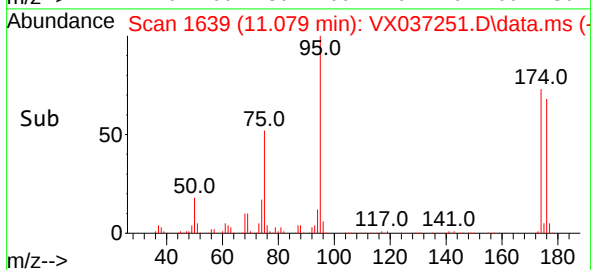
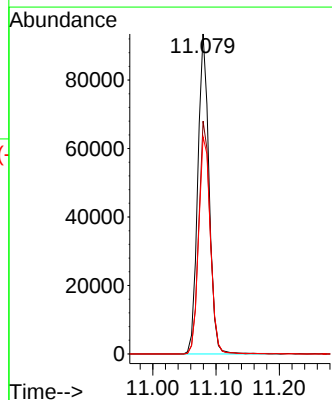
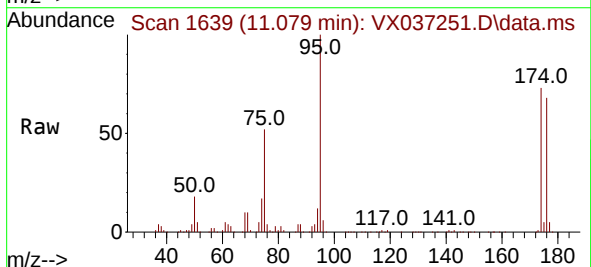
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230818

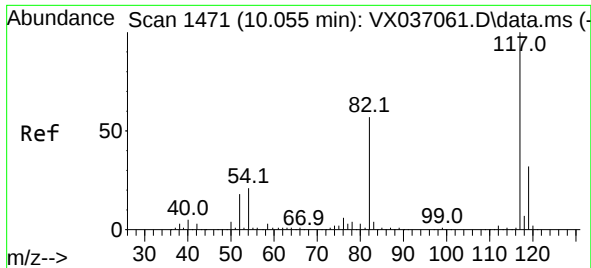
Tgt Ion: 92 Resp: 1373
Ion Ratio Lower Upper
92 100
91 172.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion: 95 Resp: 116000
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 70.9 0.0 131.0

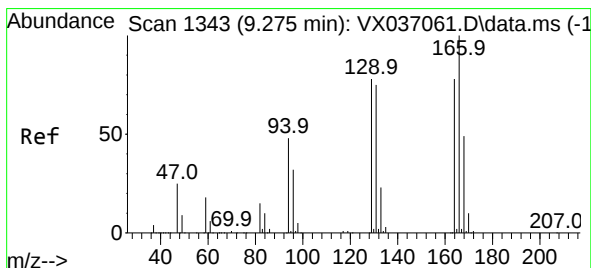
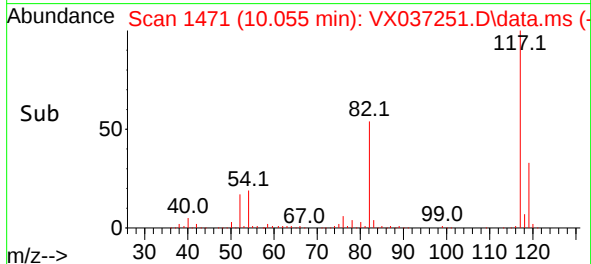
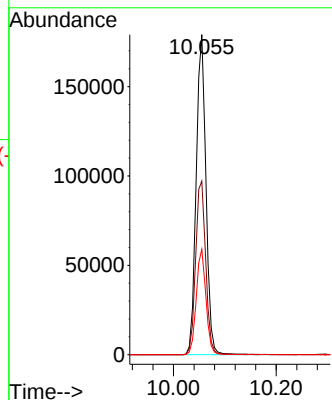
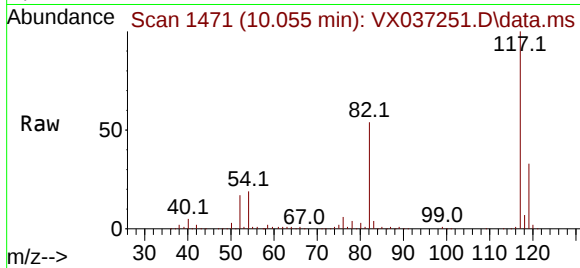




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

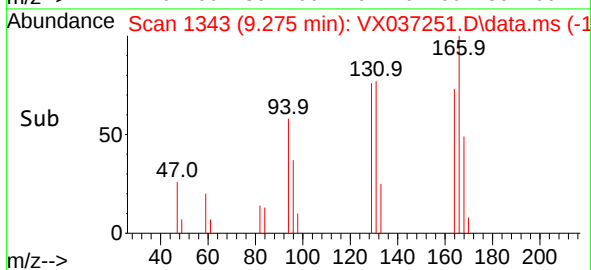
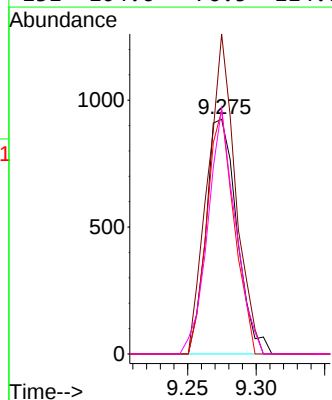
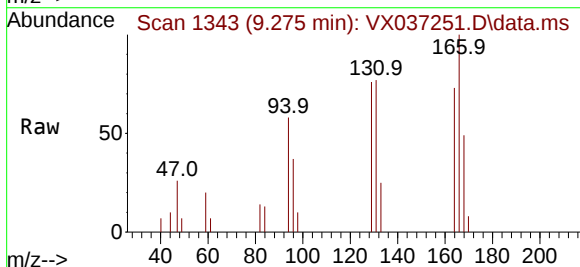
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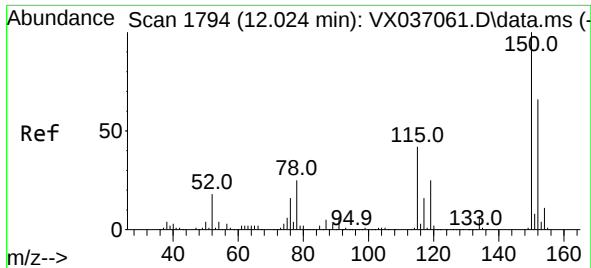
Tgt Ion:117 Resp: 236952
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.838 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion:164 Resp: 1448
Ion Ratio Lower Upper
164 100
166 136.3 102.7 154.1
129 103.7 80.4 120.6
131 104.6 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: VX037251.D

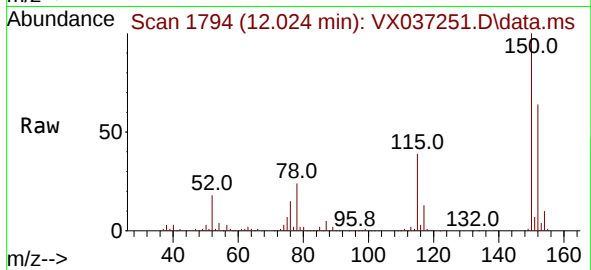
Acq: 25 Aug 2023 06:24

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20230818



Tgt Ion:152 Resp: 107288

Ion Ratio Lower Upper

152 100

115 63.6 43.3 129.9

150 158.3 0.0 345.0

