

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039208.D
 Acq On : 14 Dec 2023 15:11
 Operator : JC/MD
 Sample : 05829-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Dec 15 03:01:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

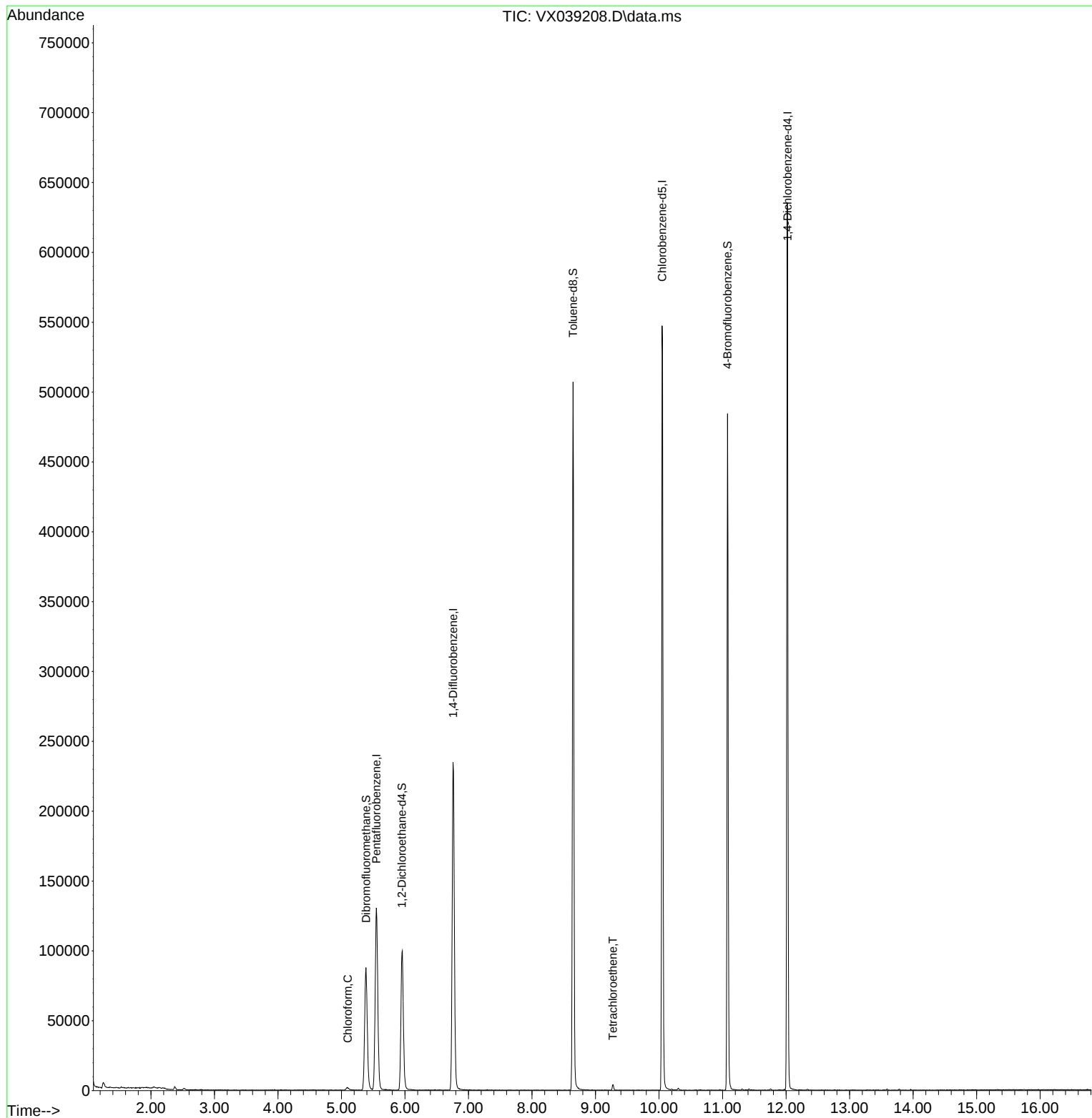
Internal Standards						
1) Pentafluorobenzene	5.550	168	111261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	236218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98367	48.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.520%
35) Dibromofluoromethane	5.385	113	75448	48.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	288597	49.532	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	132049	54.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.860%
Target Compounds						
					Qvalue	
30) Chloroform	5.099	83	2432	0.816	ug/l	84
64) Tetrachloroethene	9.275	164	628	0.407	ug/l #	71

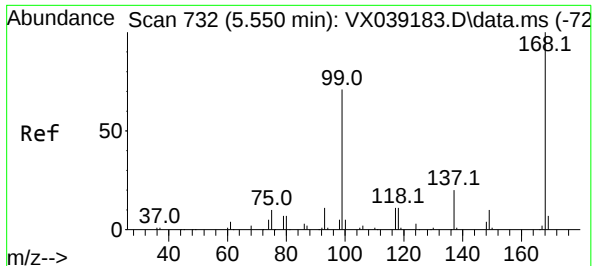
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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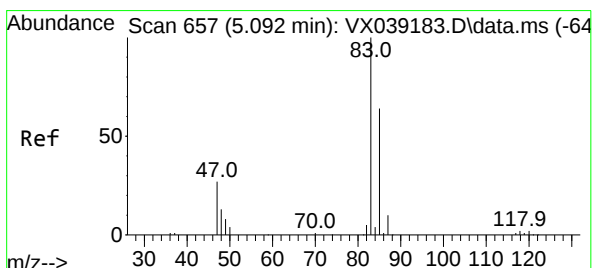
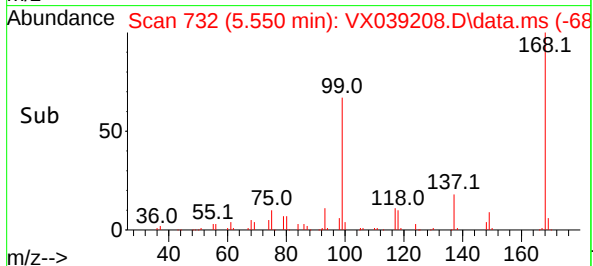
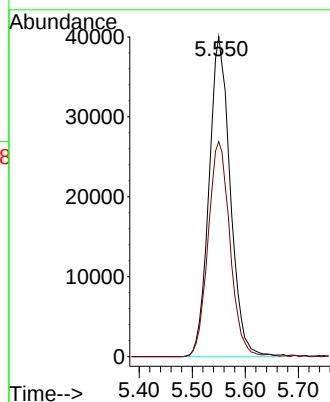
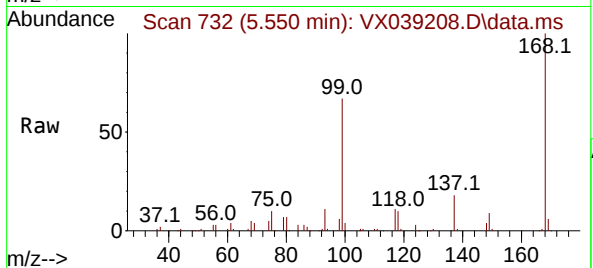




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

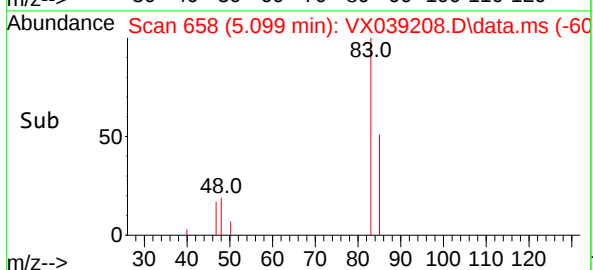
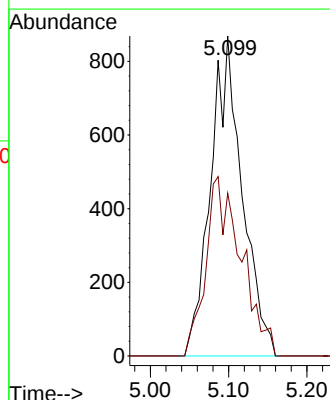
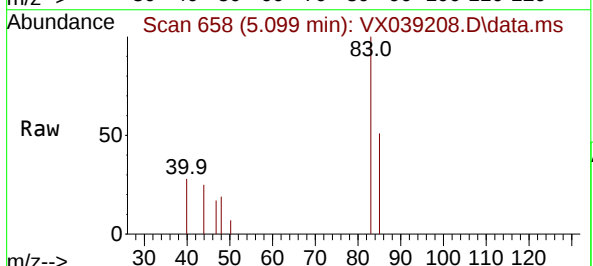
Instrument :
MSVOA_X
ClientSampleId :
MW-7

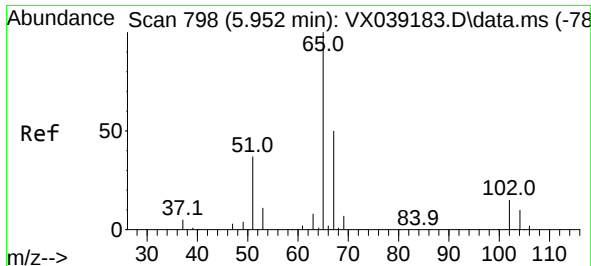
Tgt Ion:168 Resp: 111261
Ion Ratio Lower Upper
168 100
99 67.2 56.6 85.0



#30
Chloroform
Concen: 0.816 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Tgt Ion: 83 Resp: 2432
Ion Ratio Lower Upper
83 100
85 50.9 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 48.261 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039208.D

Acq: 14 Dec 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

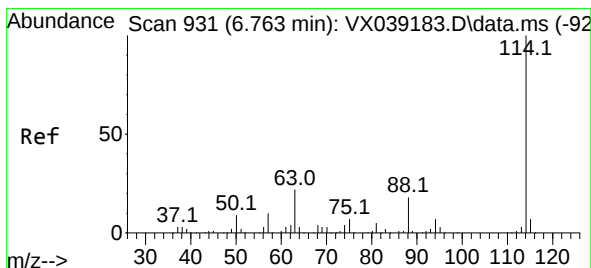
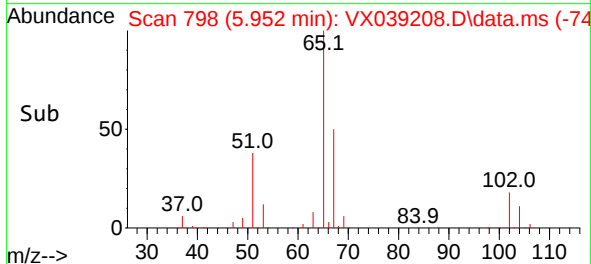
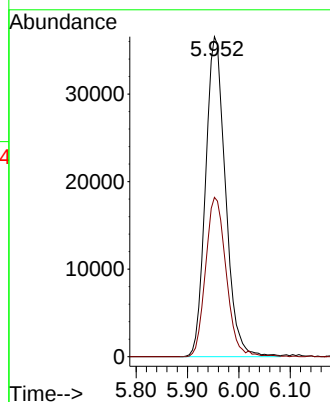
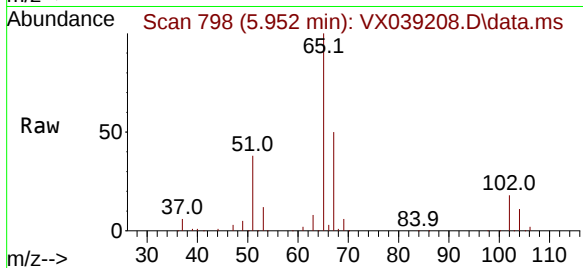
MW-7

Tgt Ion: 65 Resp: 98367

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039208.D

Acq: 14 Dec 2023 15:11

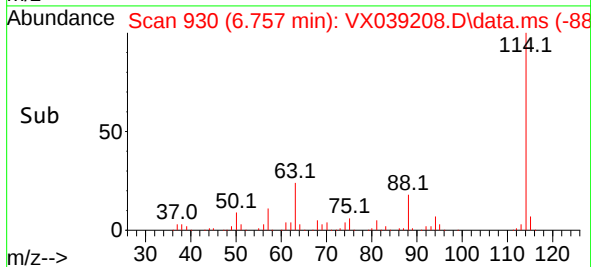
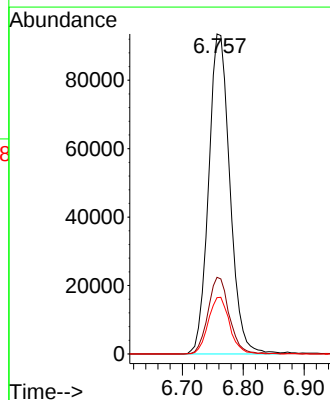
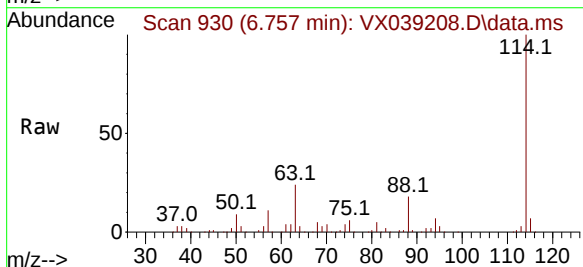
Tgt Ion: 114 Resp: 227171

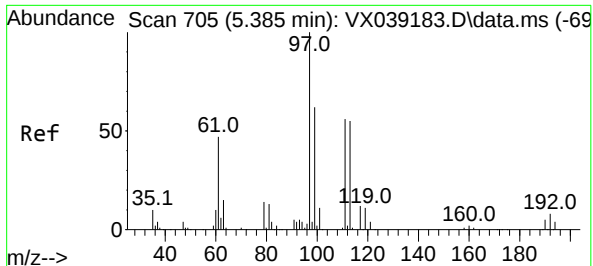
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 17.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.074 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039208.D

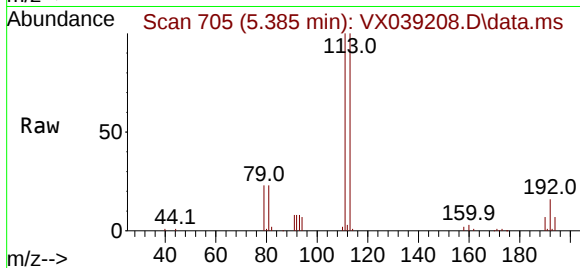
Acq: 14 Dec 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

MW-7



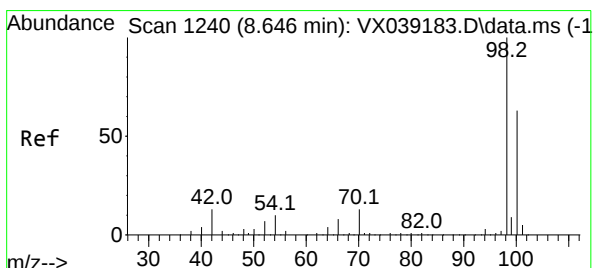
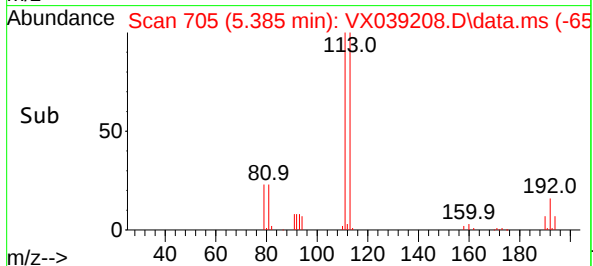
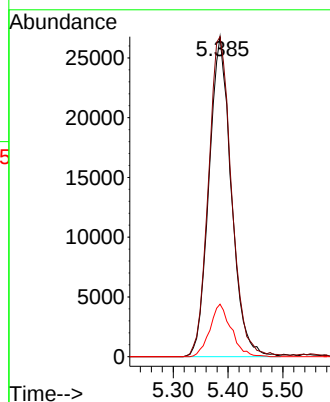
Tgt Ion:113 Resp: 75448

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

192 15.7 13.3 19.9



#50

Toluene-d8

Concen: 49.532 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039208.D

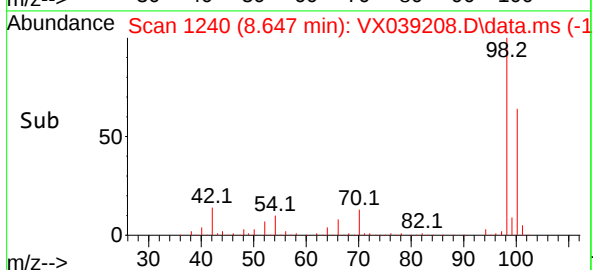
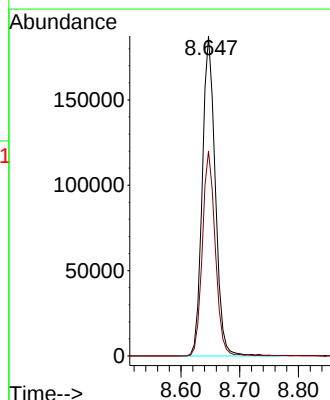
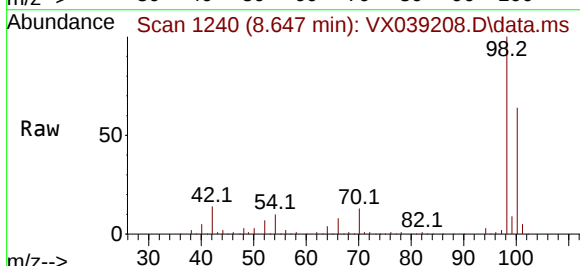
Acq: 14 Dec 2023 15:11

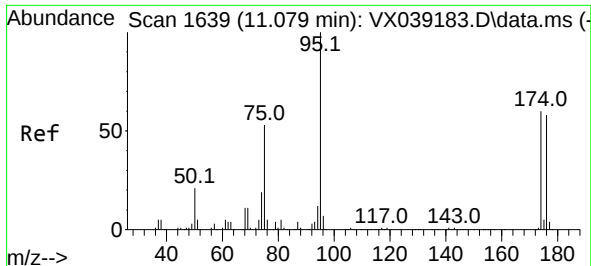
Tgt Ion: 98 Resp: 288597

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 54.929 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039208.D

Acq: 14 Dec 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

MW-7

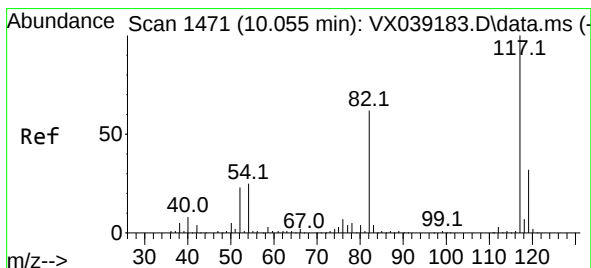
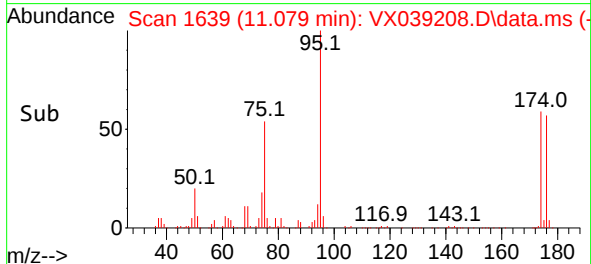
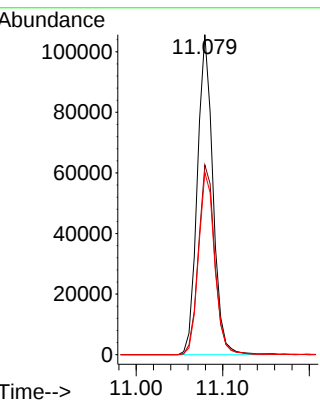
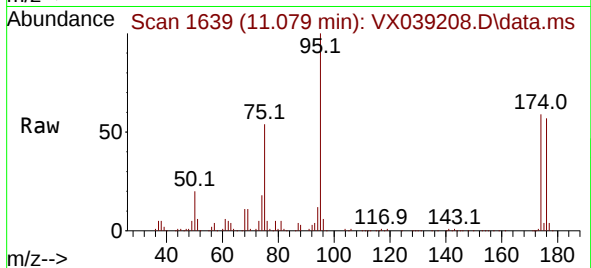
Tgt Ion: 95 Resp: 132049

Ion Ratio Lower Upper

95 100

174 61.9 0.0 135.6

176 59.2 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX039208.D

Acq: 14 Dec 2023 15:11

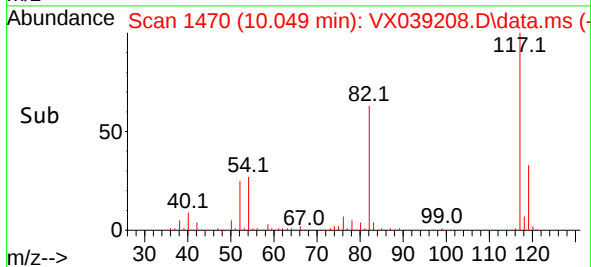
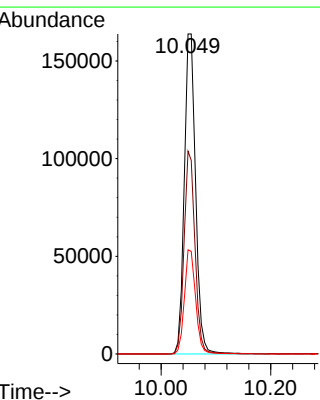
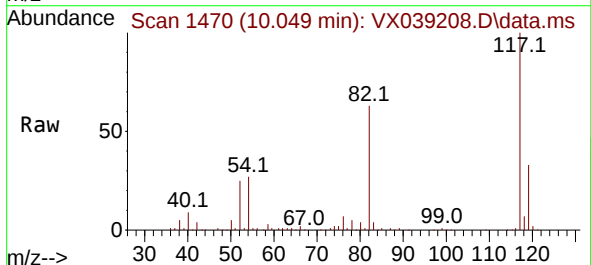
Tgt Ion: 117 Resp: 236218

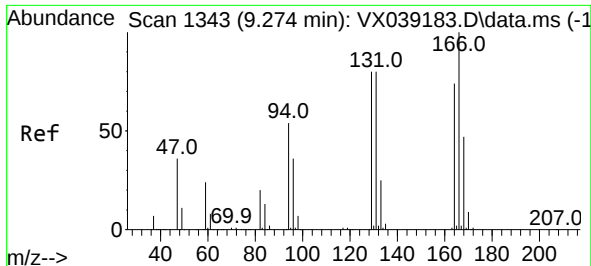
Ion Ratio Lower Upper

117 100

82 63.3 46.2 69.4

119 32.6 25.5 38.3

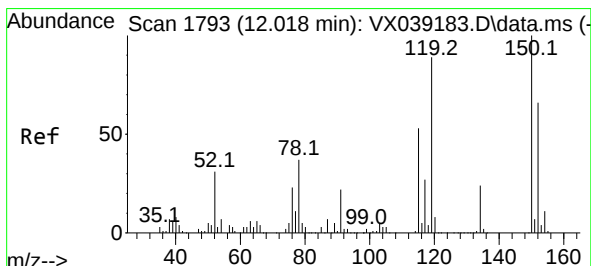
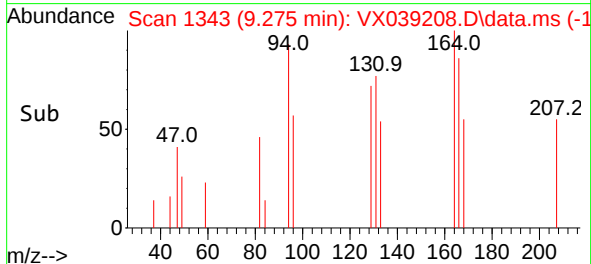
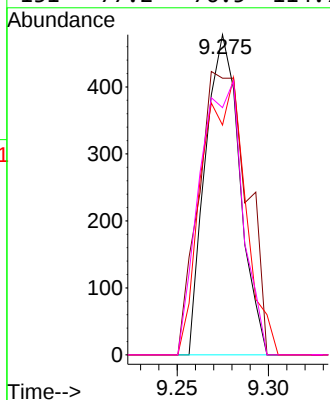
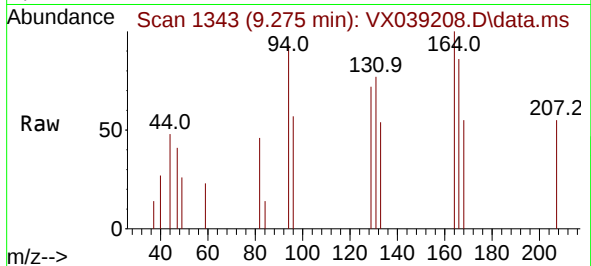




#64
Tetrachloroethene
Concen: 0.407 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:164 Resp: 628
Ion Ratio Lower Upper
164 100
166 86.4 102.7 154.1#
129 71.8 80.4 120.6#
131 77.2 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Tgt Ion:152 Resp: 117009
Ion Ratio Lower Upper
152 100
115 68.5 43.3 129.9
150 156.9 0.0 345.0

