

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035917.D
 Acq On : 30 May 2023 19:31
 Operator : JC/MD
 Sample : 02955-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP05RE

Quant Time: May 31 05:49:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

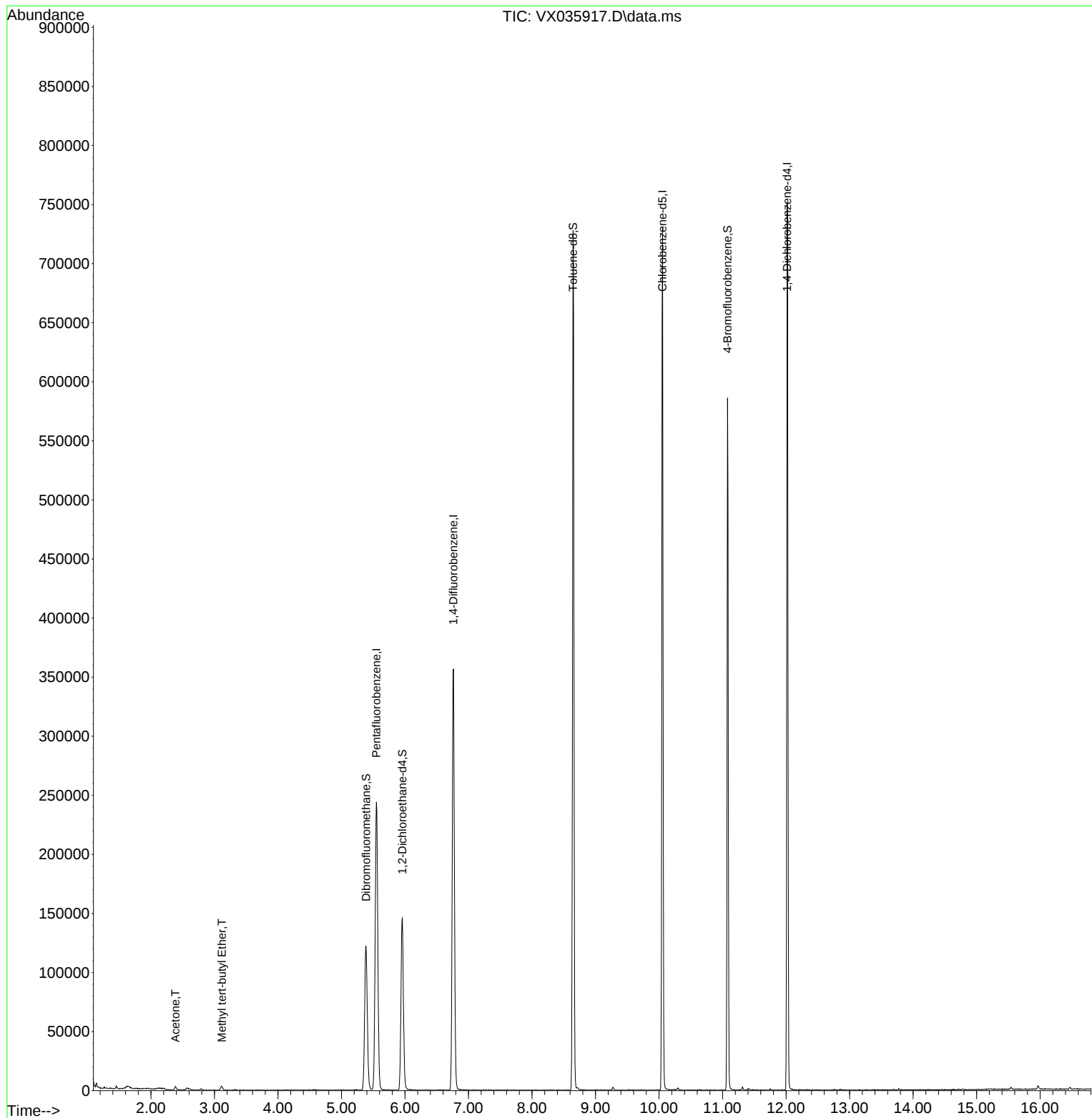
Internal Standards						
1) Pentafluorobenzene	5.550	168	222385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	154093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143264	36.252	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	72.500%#
35) Dibromofluoromethane	5.385	113	108034	43.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.140%
50) Toluene-d8	8.647	98	424471	46.109	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.220%
62) 4-Bromofluorobenzene	11.079	95	161011	44.392	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3574	2.240	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	3704	0.393	ug/l #	90

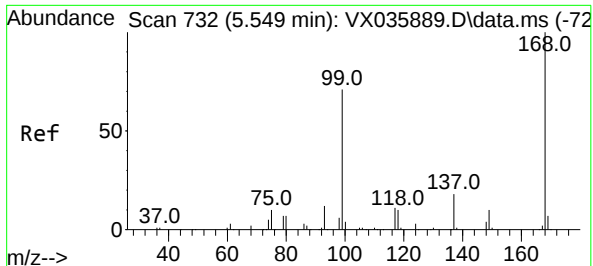
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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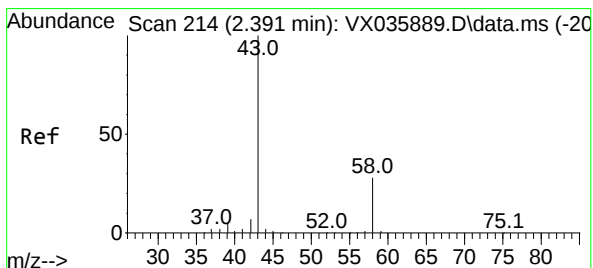
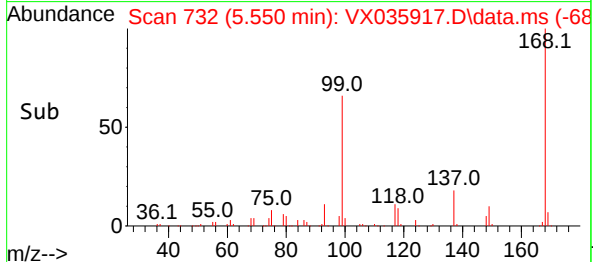
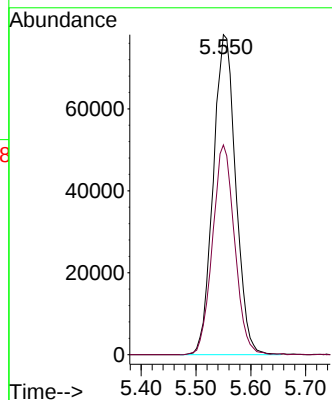
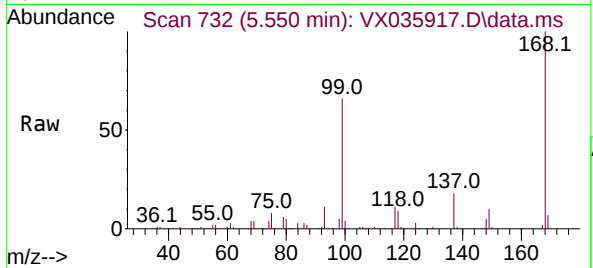




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31

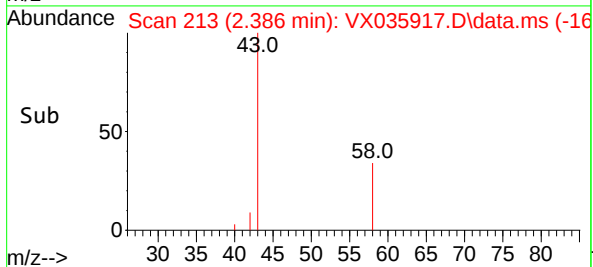
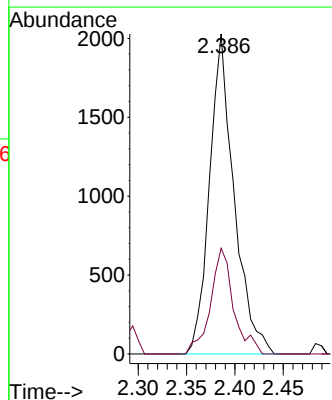
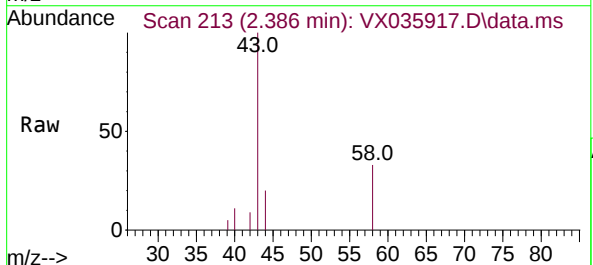
Instrument :
MSVOA_X
ClientSampleId :
TWP05RE

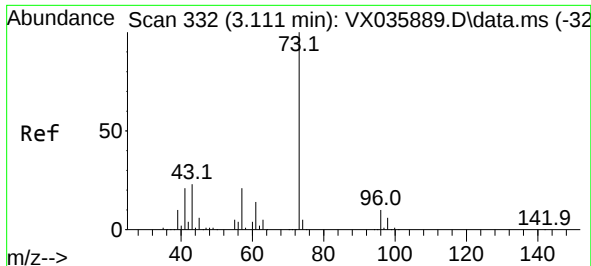
Tgt Ion:168 Resp: 222385
Ion Ratio Lower Upper
168 100
99 65.6 57.0 85.6



#16
Acetone
Concen: 2.240 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31

Tgt Ion: 43 Resp: 3574
Ion Ratio Lower Upper
43 100
58 33.0 22.2 33.2

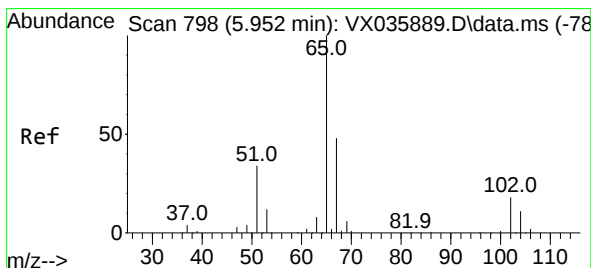
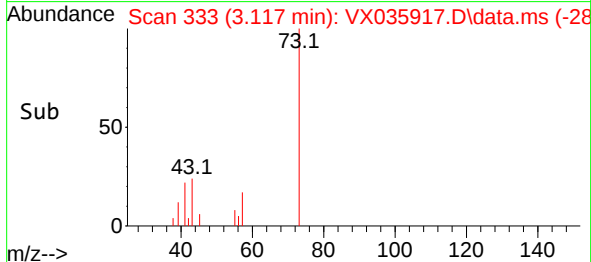
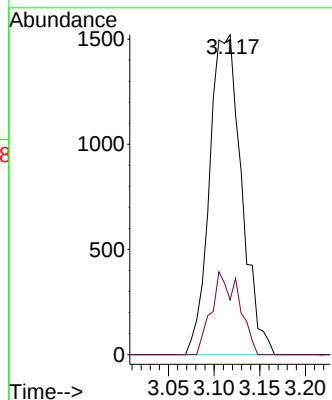
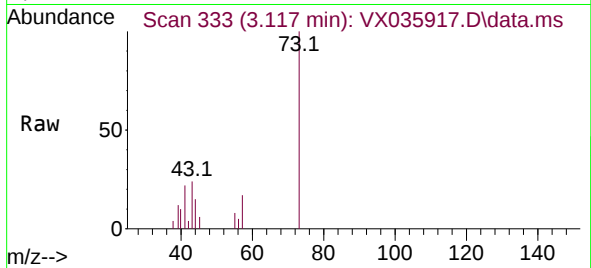




#19
Methyl tert-butyl Ether
Concen: 0.393 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31

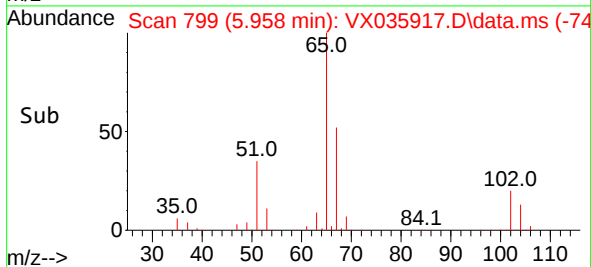
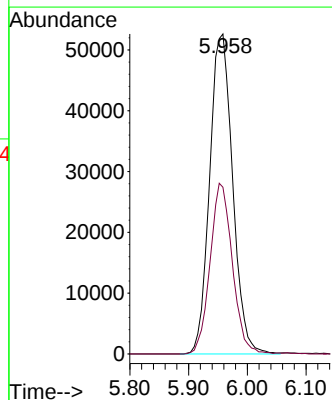
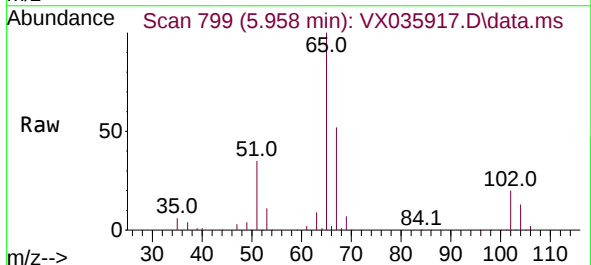
Instrument :
MSVOA_X
ClientSampleId :
TWP05RE

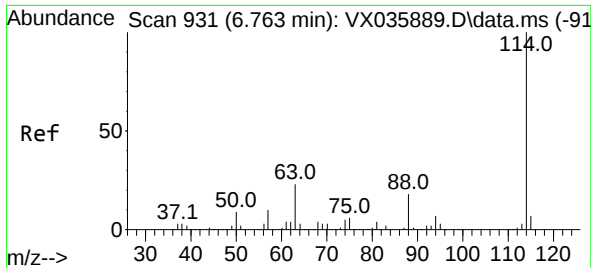
Tgt Ion: 73 Resp: 3704
Ion Ratio Lower Upper
73 100
57 17.1 17.6 26.4#



#33
1,2-Dichloroethane-d4
Concen: 36.252 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.007 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31

Tgt Ion: 65 Resp: 143264
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.6

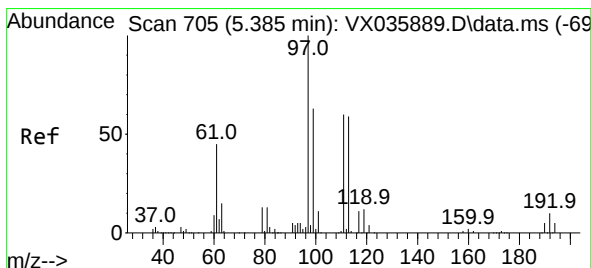
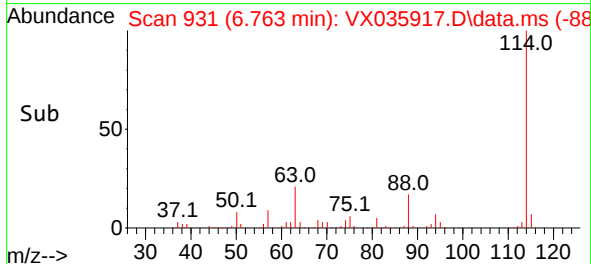
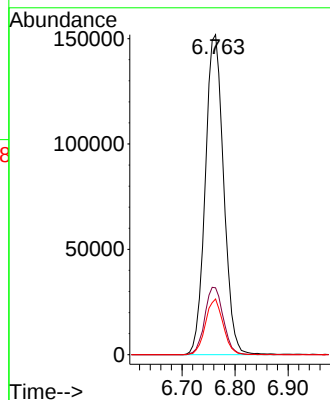
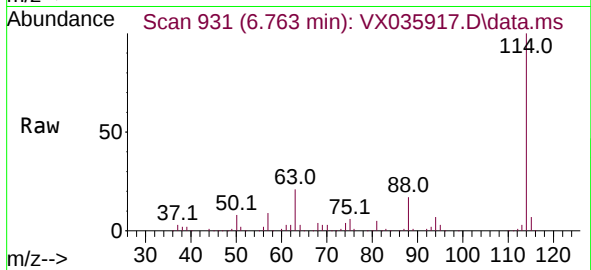




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31

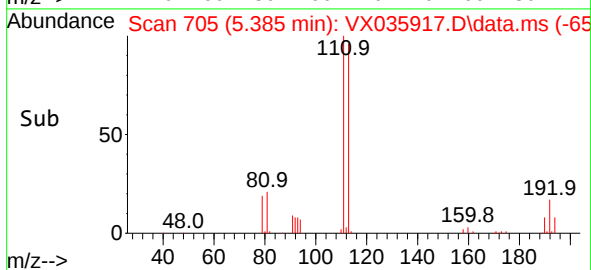
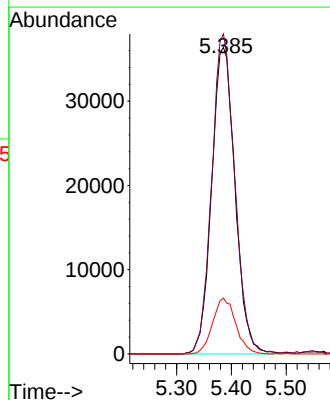
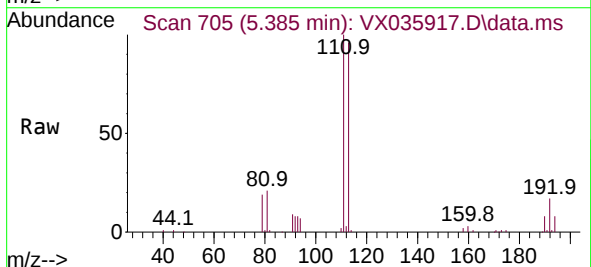
Instrument :
MSVOA_X
ClientSampleId :
TWP05RE

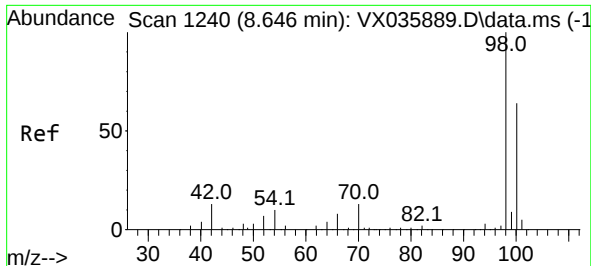
Tgt Ion:114 Resp: 365175
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.0
88 17.4 0.0 35.2



#35
Dibromofluoromethane
Concen: 43.069 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31

Tgt Ion:113 Resp: 108034
Ion Ratio Lower Upper
113 100
111 102.7 81.7 122.5
192 17.9 13.5 20.3





#50

Toluene-d8

Concen: 46.109 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035917.D

Acq: 30 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

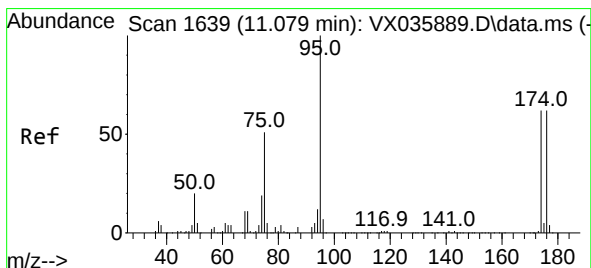
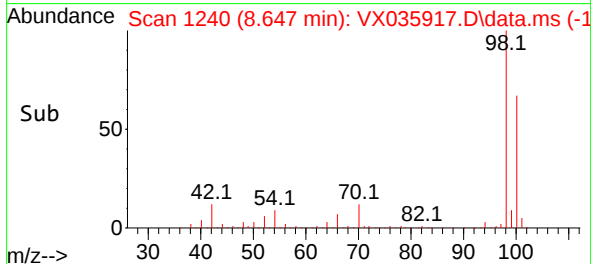
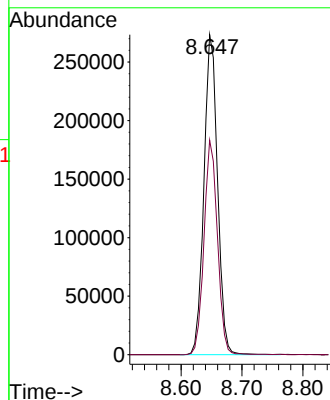
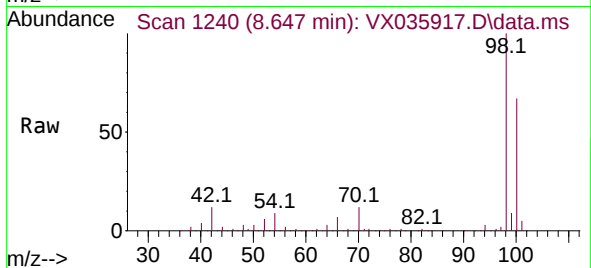
TWP05RE

Tgt Ion: 98 Resp: 424471

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 44.392 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035917.D

Acq: 30 May 2023 19:31

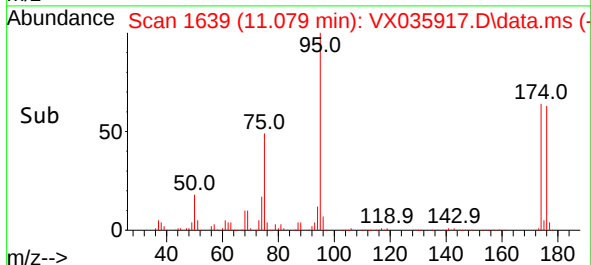
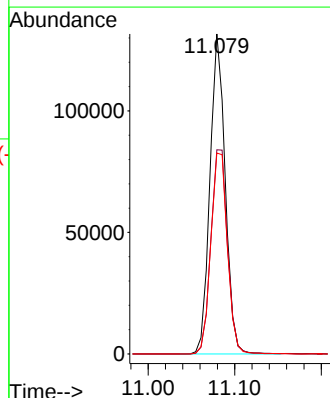
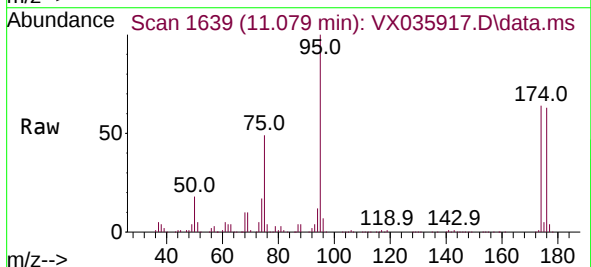
Tgt Ion: 95 Resp: 161011

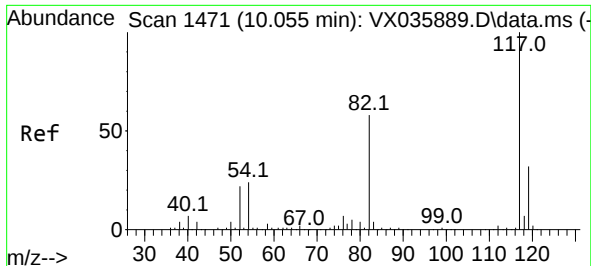
Ion Ratio Lower Upper

95 100

174 69.5 0.0 132.6

176 68.2 0.0 128.0

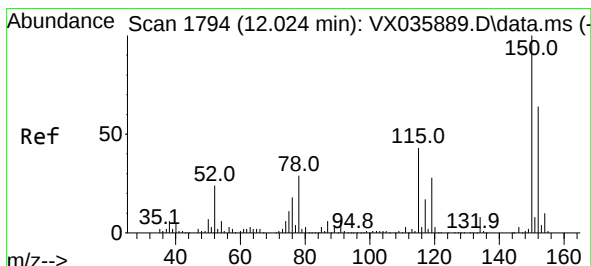
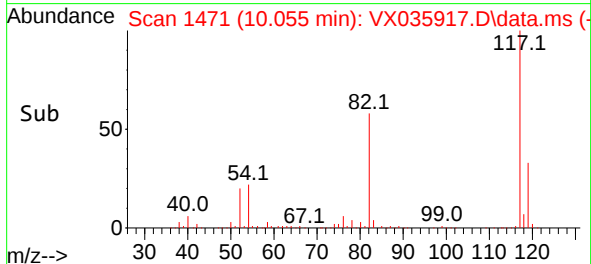
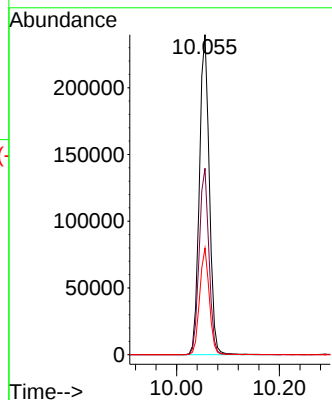
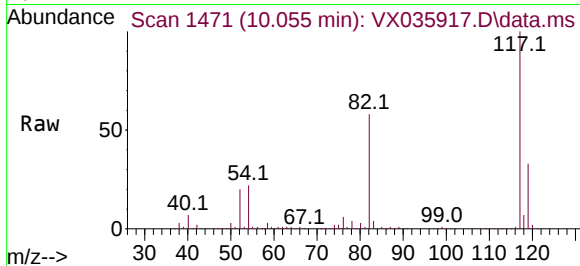




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :
TWP05RE

Tgt Ion:117 Resp: 321982
Ion Ratio Lower Upper
117 100
82 58.3 46.6 69.8
119 33.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31

Tgt Ion:152 Resp: 154093
Ion Ratio Lower Upper
152 100
115 64.1 45.5 136.5
150 155.2 0.0 345.2

