

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049542.D
 Acq On : 30 Jun 2022 03:55
 Operator : SY/MD
 Sample : N3517-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3-20220627

Quant Time: Jun 30 04:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

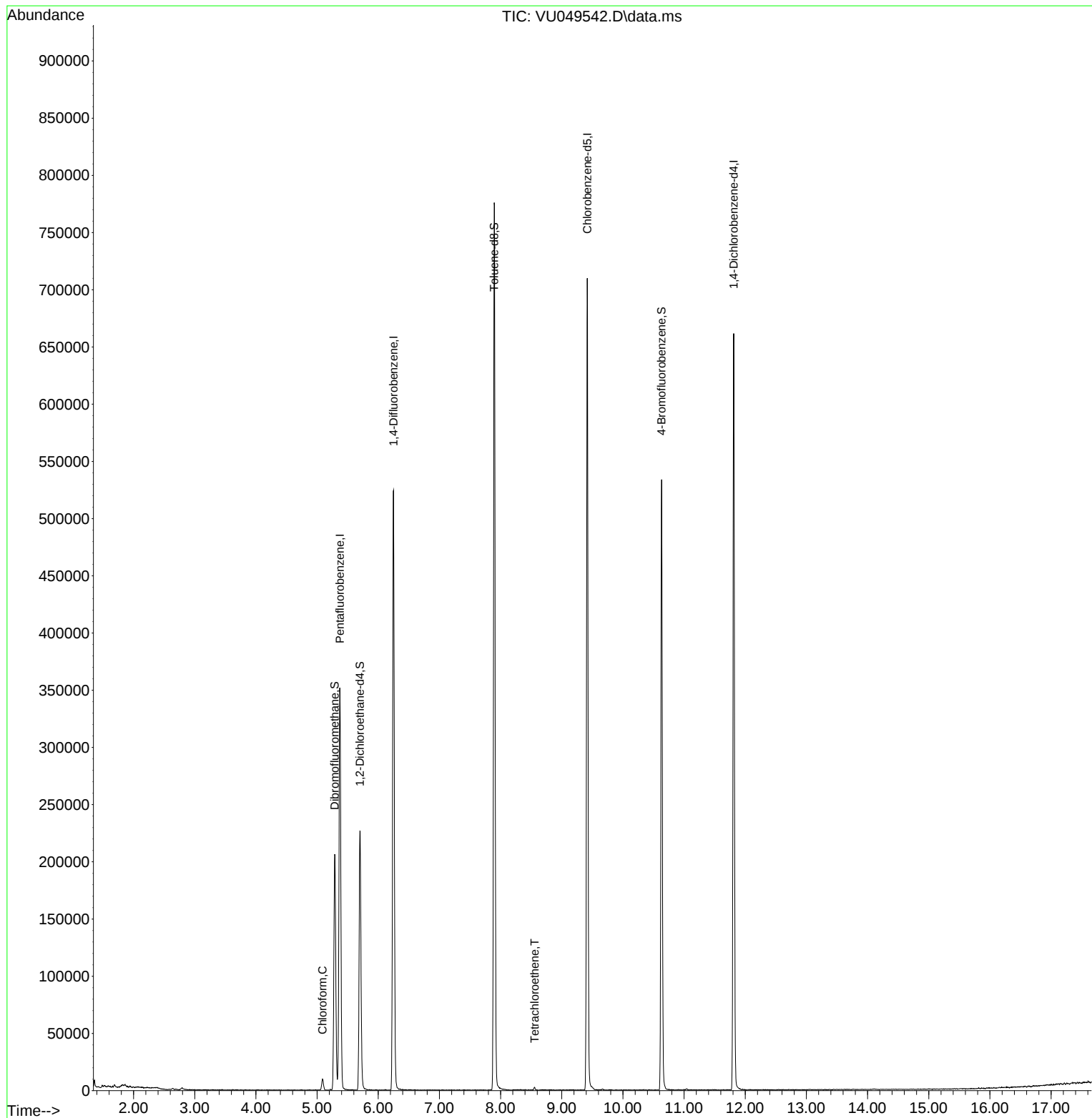
Internal Standards						
1) Pentafluorobenzene	5.372	168	242527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	428093	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	386892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	174458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	170036	45.524	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.040%
35) Dibromofluoromethane	5.288	113	136883	45.703	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.400%
50) Toluene-d8	7.896	98	512218	47.949	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	10.632	95	182018	44.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.960%
Target Compounds						
					Qvalue	
30) Chloroform	5.089	83	9172	1.588	ug/l	92
64) Tetrachloroethene	8.555	164	684	0.276	ug/l	# 75

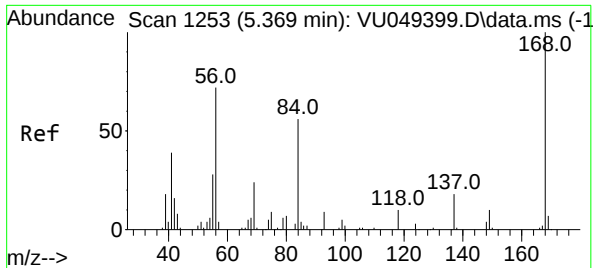
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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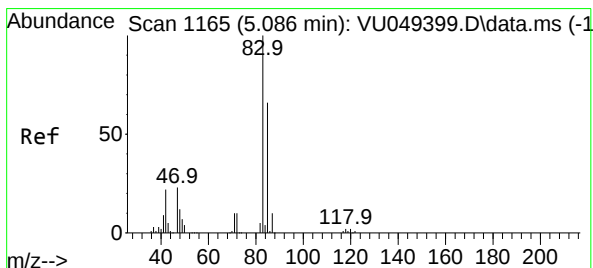
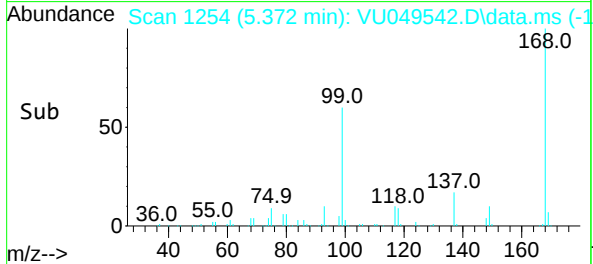
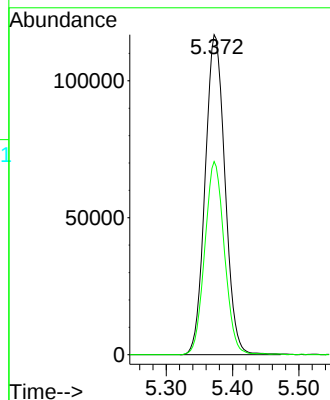
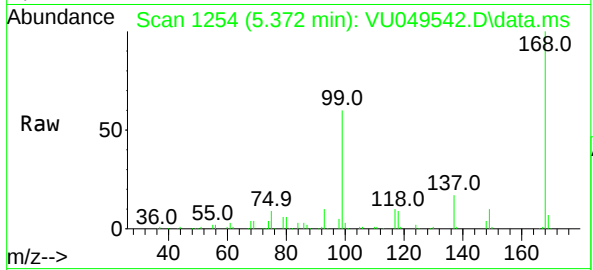




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU049542.D
Acq: 30 Jun 2022 03:55

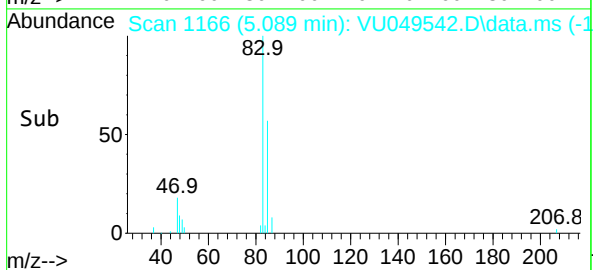
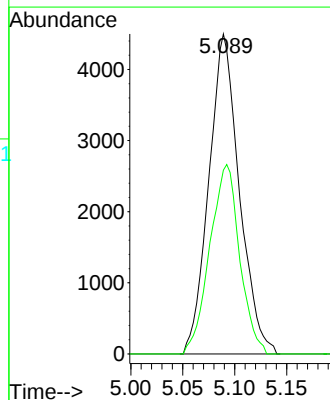
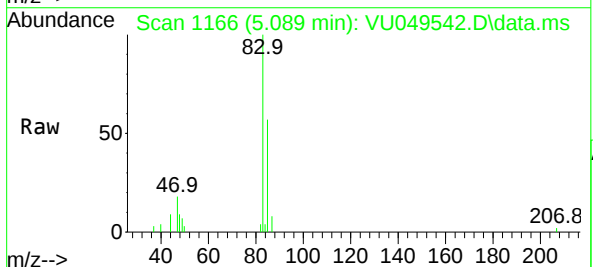
Instrument :
MSVOA_U
ClientSampleId :
MW-3-20220627

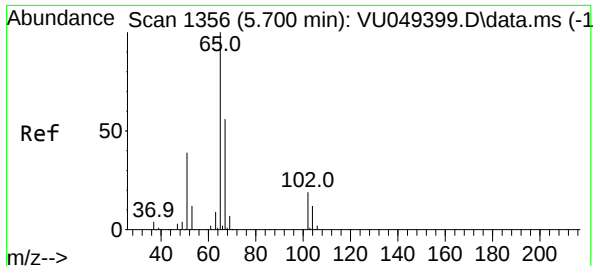
Tgt Ion:168 Resp: 242527
Ion Ratio Lower Upper
168 100
99 60.4 39.3 58.9#



#30
Chloroform
Concen: 1.588 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU049542.D
Acq: 30 Jun 2022 03:55

Tgt Ion: 83 Resp: 9172
Ion Ratio Lower Upper
83 100
85 57.4 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 45.524 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049542.D

Acq: 30 Jun 2022 03:55

Instrument :

MSVOA_U

ClientSampleId :

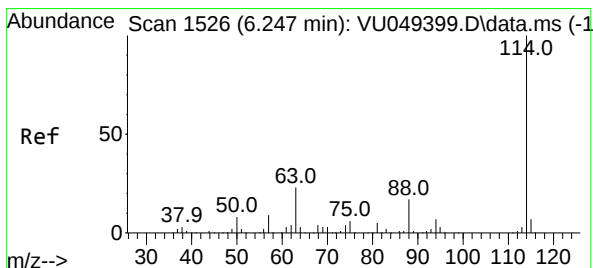
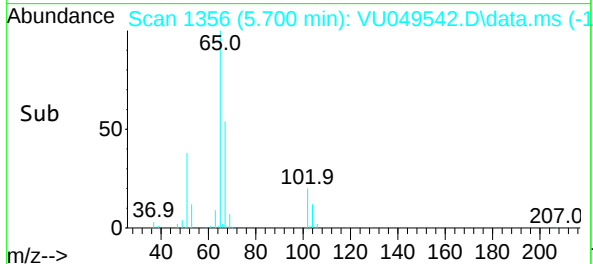
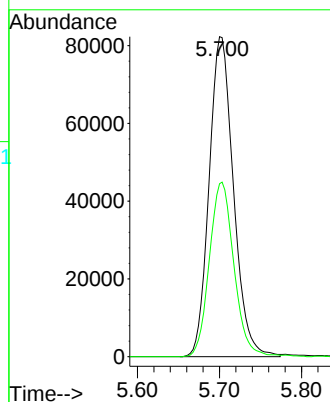
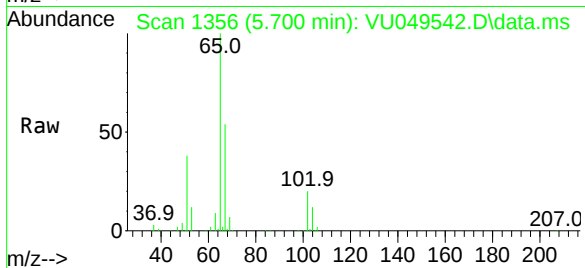
MW-3-20220627

Tgt Ion: 65 Resp: 170036

Ion Ratio Lower Upper

65 100

67 55.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049542.D

Acq: 30 Jun 2022 03:55

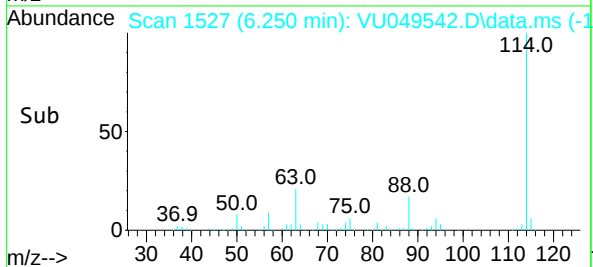
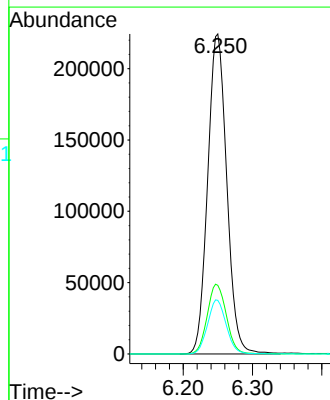
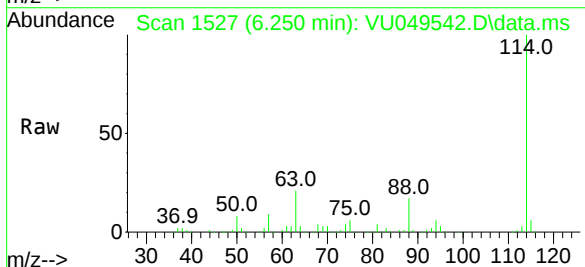
Tgt Ion: 114 Resp: 428093

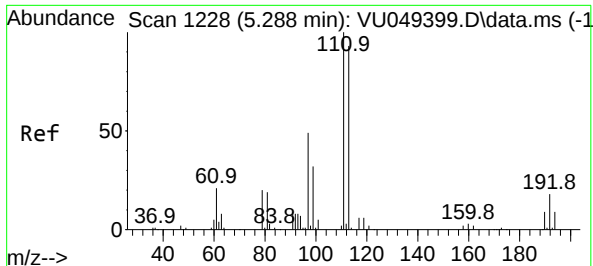
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 45.703 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049542.D

Acq: 30 Jun 2022 03:55

Instrument :

MSVOA_U

ClientSampleId :

MW-3-20220627

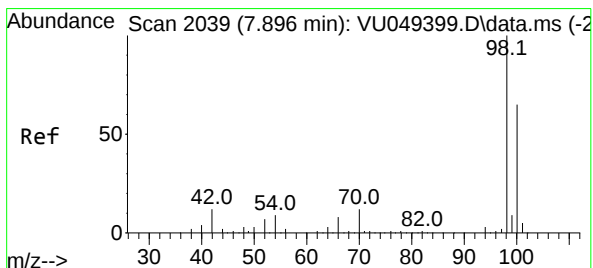
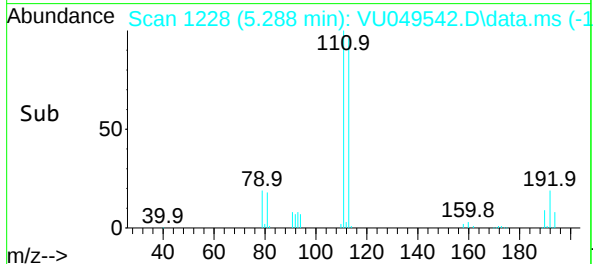
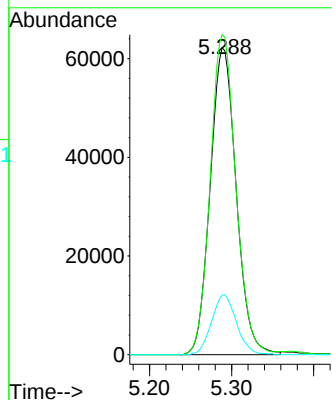
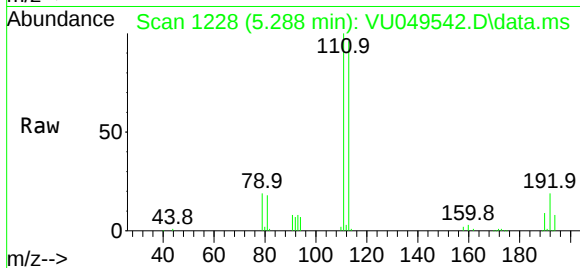
Tgt Ion:113 Resp: 136883

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 18.6 18.0 27.0



#50

Toluene-d8

Concen: 47.949 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049542.D

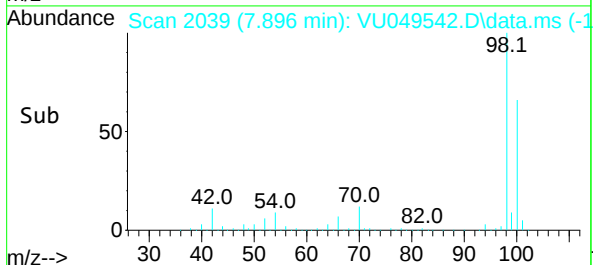
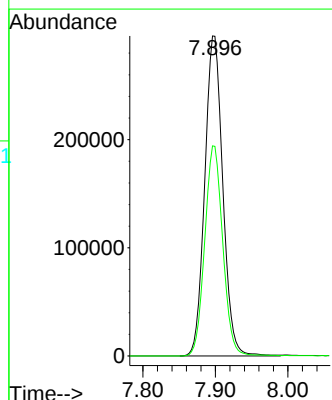
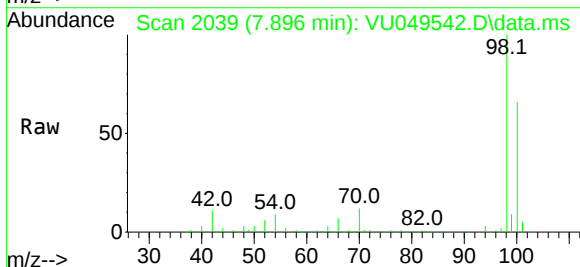
Acq: 30 Jun 2022 03:55

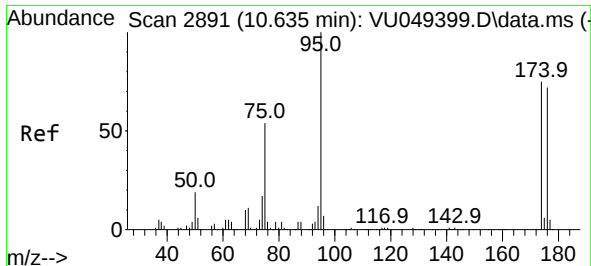
Tgt Ion: 98 Resp: 512218

Ion Ratio Lower Upper

98 100

100 65.5 51.7 77.5

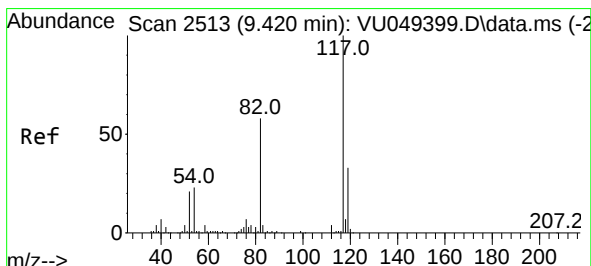
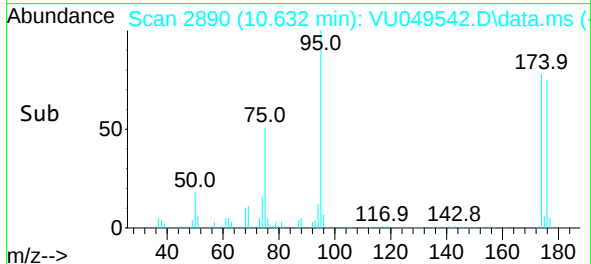
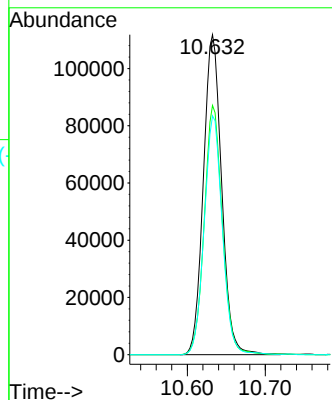
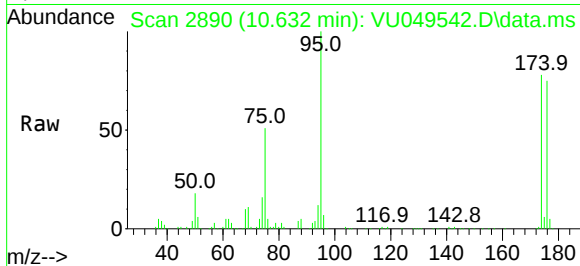




#62
 4-Bromofluorobenzene
 Concen: 44.480 ug/l
 RT: 10.632 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU049542.D
 Acq: 30 Jun 2022 03:55

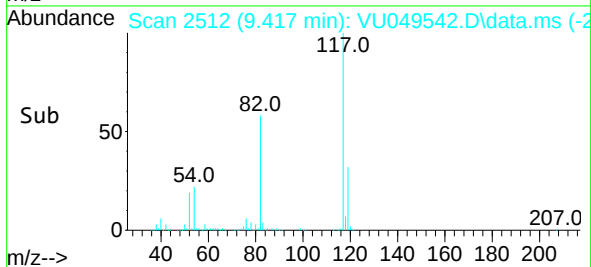
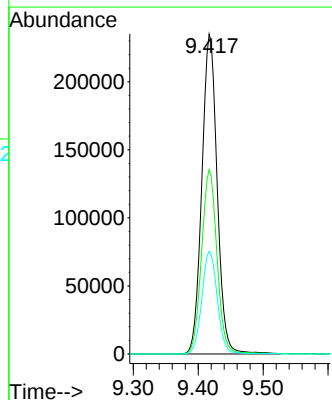
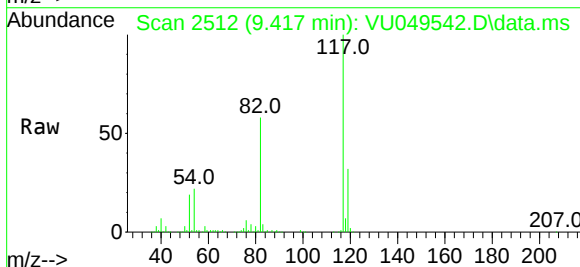
Instrument :
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 ClientSampleId :
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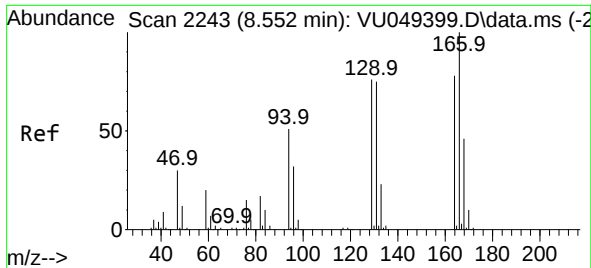
Tgt Ion: 95 Resp: 182018
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 182.0
 176 74.2 0.0 177.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.417 min Scan# 2512
 Delta R.T. -0.003 min
 Lab File: VU049542.D
 Acq: 30 Jun 2022 03:55

Tgt Ion: 117 Resp: 386892
 Ion Ratio Lower Upper
 117 100
 82 57.6 41.7 62.5
 119 32.0 25.7 38.5





#64

Tetrachloroethene

Concen: 0.276 ug/l

RT: 8.555 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049542.D

Acq: 30 Jun 2022 03:55

Instrument :

MSVOA_U

ClientSampleId :

MW-3-20220627

Tgt Ion:164 Resp: 684

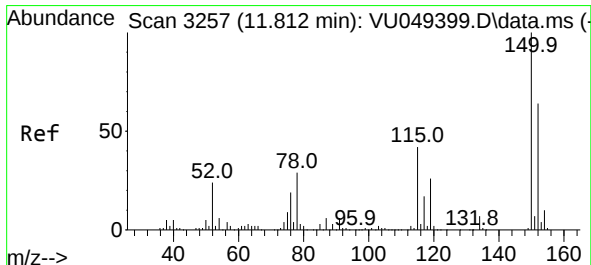
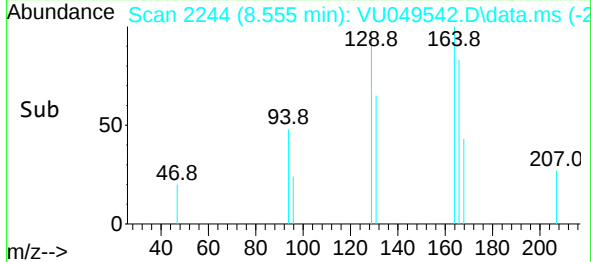
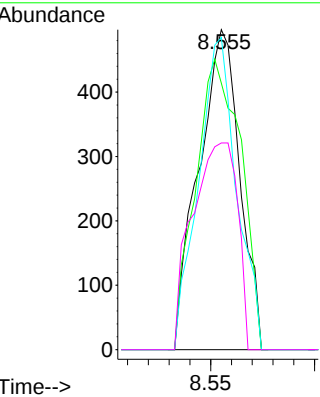
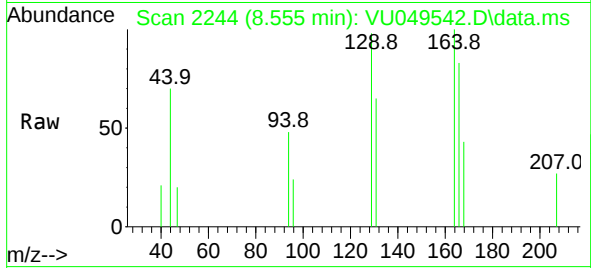
Ion Ratio Lower Upper

164 100

166 83.3 100.0 150.0#

129 97.6 72.0 108.0

131 64.6 69.7 104.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. -0.000 min

Lab File: VU049542.D

Acq: 30 Jun 2022 03:55

Tgt Ion:152 Resp: 174458

Ion Ratio Lower Upper

152 100

115 61.8 37.0 110.9

150 159.2 0.0 342.2

