

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049498.D
 Acq On : 29 Jun 2022 07:16
 Operator : SY/MD
 Sample : N3457-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW178S-20220621

Quant Time: Jun 29 08:03:53 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)

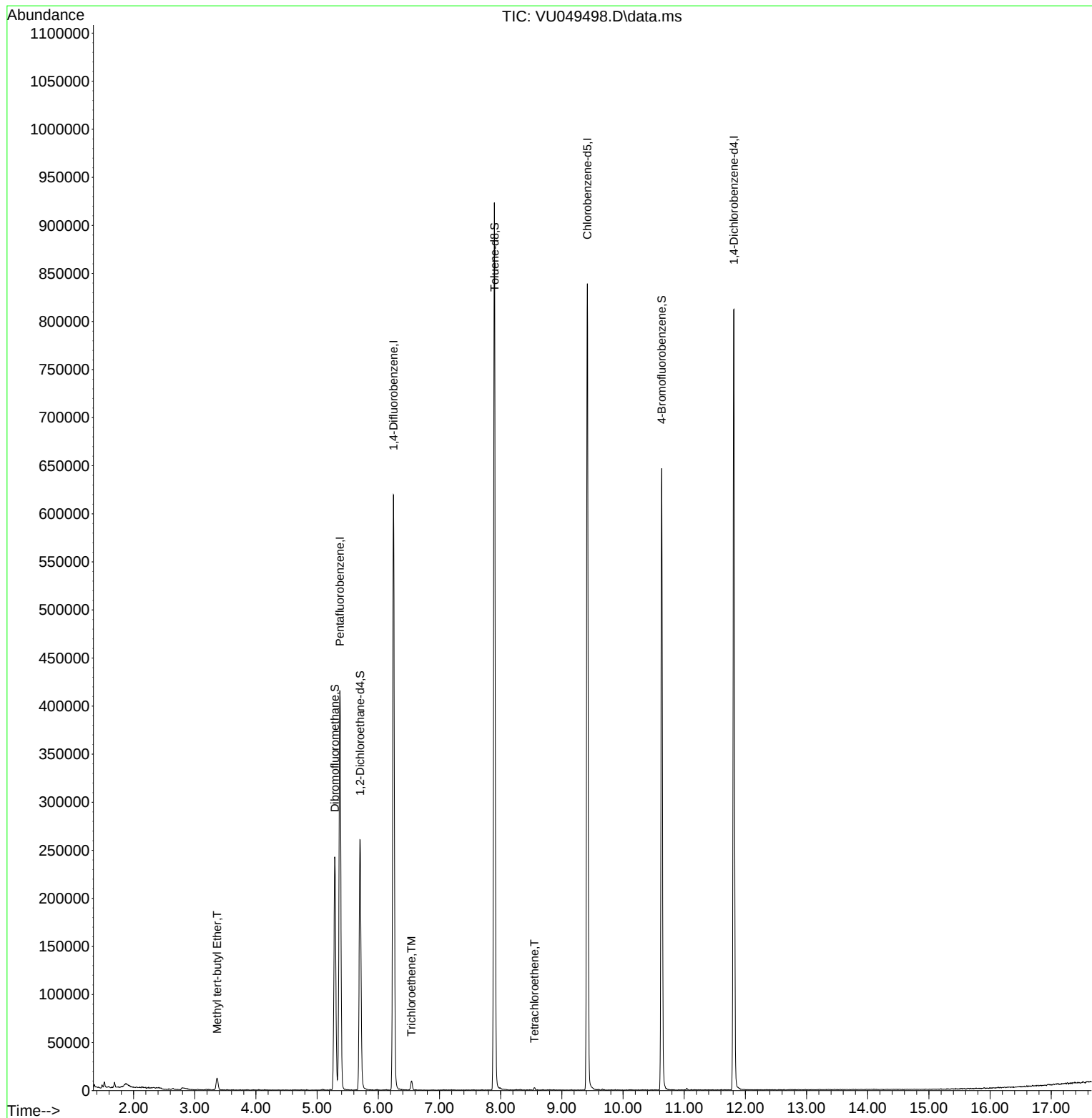
Internal Standards						
1) Pentafluorobenzene	5.372	168	290789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	506167	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	461159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	217590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	197948	44.201	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.400%
35) Dibromofluoromethane	5.288	113	157623	44.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.020%
50) Toluene-d8	7.899	98	609443	48.251	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	10.632	95	222882	46.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.366	73	14393	1.225	ug/l	96
44) Trichloroethene	6.542	130	3590	0.974	ug/l	94
64) Tetrachloroethene	8.552	164	632	0.214	ug/l	96

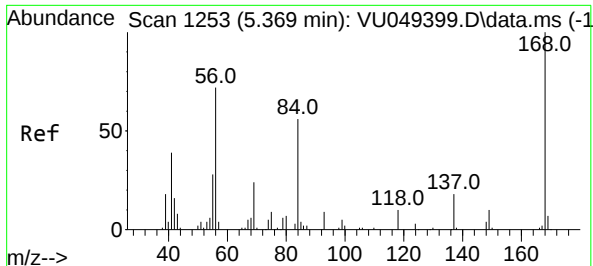
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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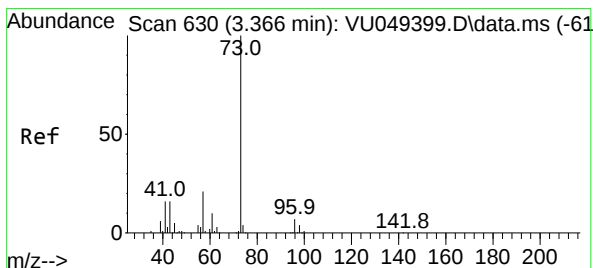
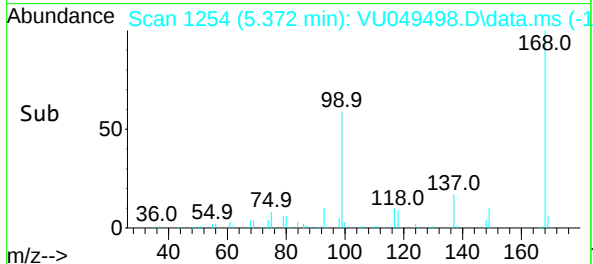
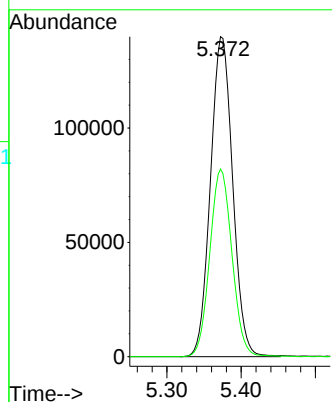
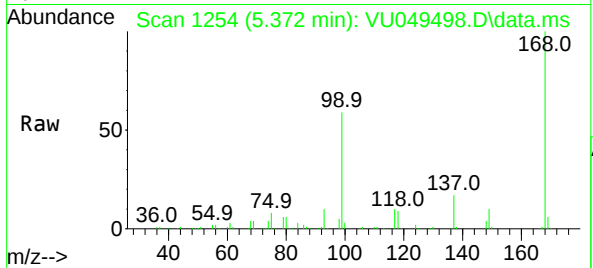




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

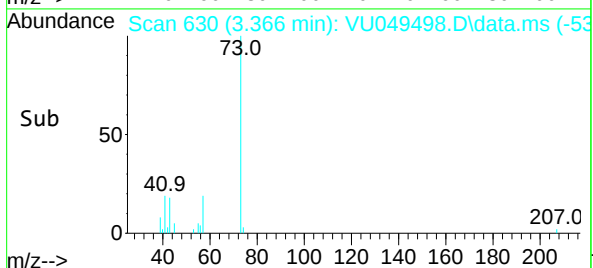
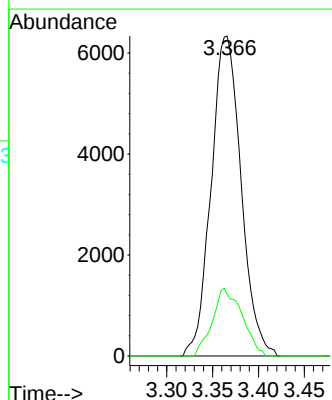
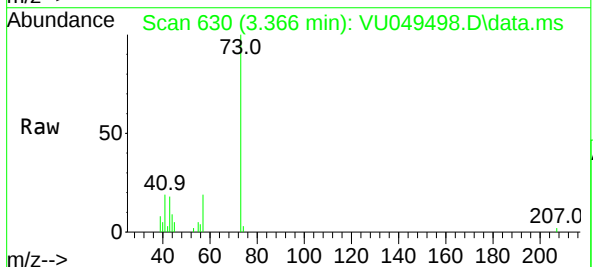
Instrument :
MSVOA_U
ClientSampleId :
MW178S-20220621

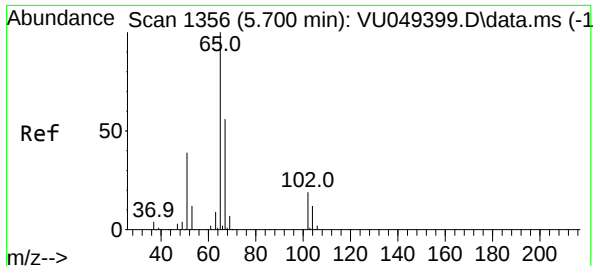
Tgt Ion:168 Resp: 290789
Ion Ratio Lower Upper
168 100
99 58.6 39.3 58.9



#19
Methyl tert-butyl Ether
Concen: 1.225 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

Tgt Ion: 73 Resp: 14393
Ion Ratio Lower Upper
73 100
57 19.4 17.1 25.7





#33

1,2-Dichloroethane-d4

Concen: 44.201 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049498.D

Acq: 29 Jun 2022 07:16

Instrument :

MSVOA_U

ClientSampleId :

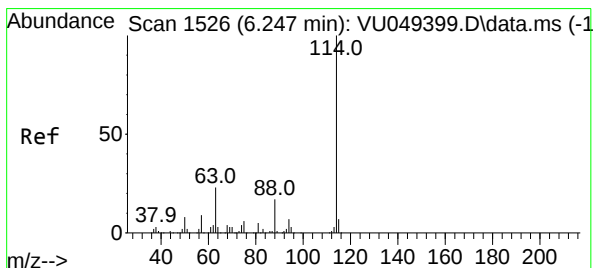
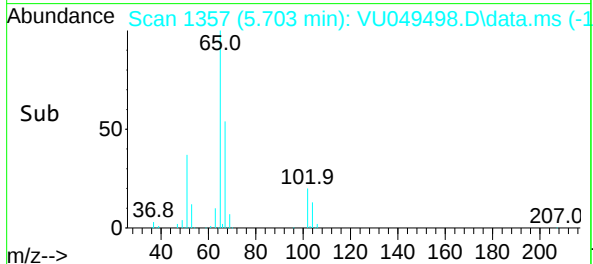
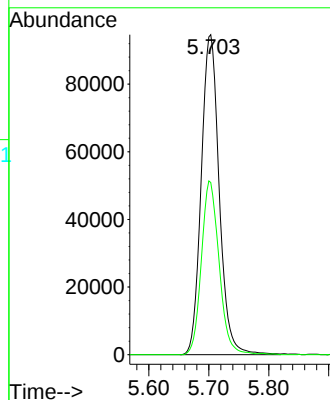
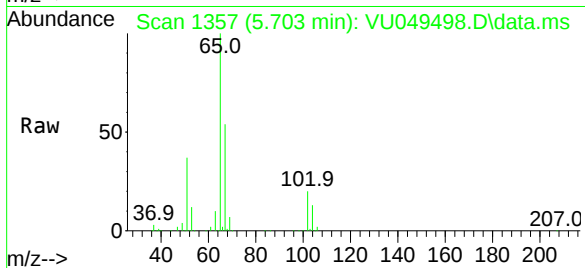
MW178S-20220621

Tgt Ion: 65 Resp: 197948

Ion Ratio Lower Upper

65 100

67 53.4 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: VU049498.D

Acq: 29 Jun 2022 07:16

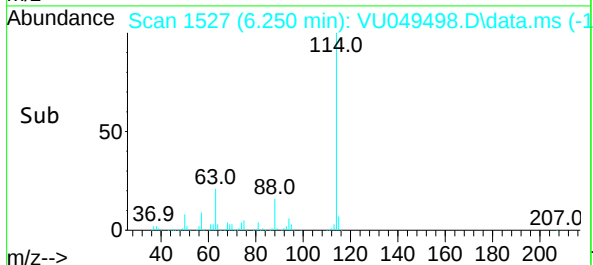
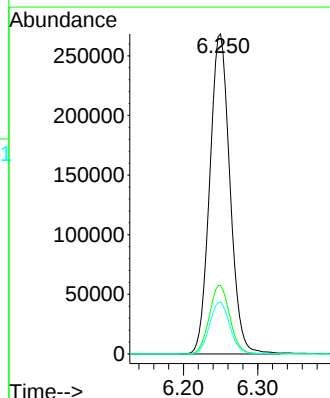
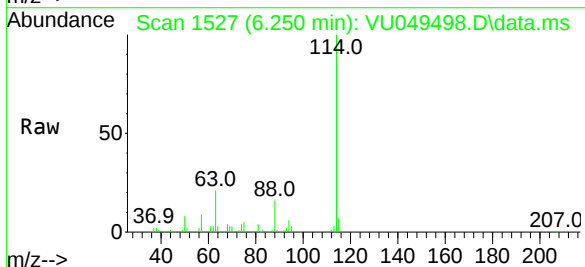
Tgt Ion: 114 Resp: 506167

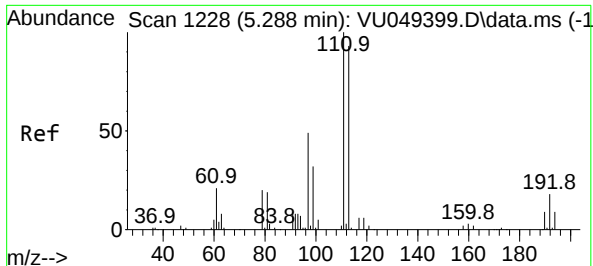
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.2 0.0 29.2





#35

Dibromofluoromethane

Concen: 44.510 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049498.D

Acq: 29 Jun 2022 07:16

Instrument :

MSVOA_U

ClientSampleId :

MW178S-20220621

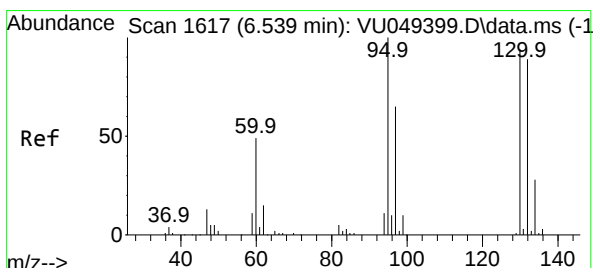
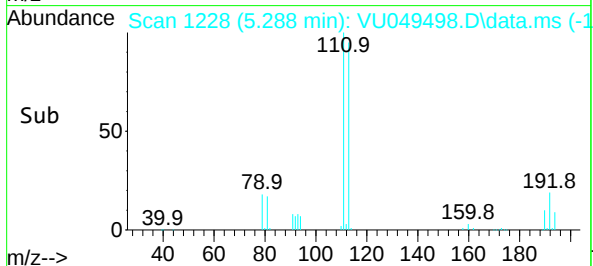
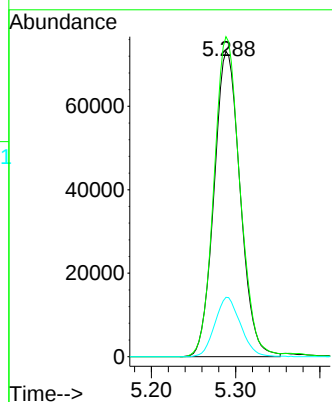
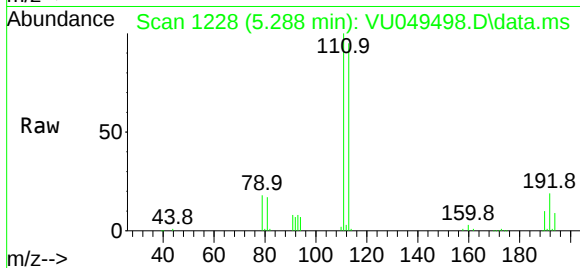
Tgt Ion:113 Resp: 157623

Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

192 19.1 18.0 27.0



#44

Trichloroethene

Concen: 0.974 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049498.D

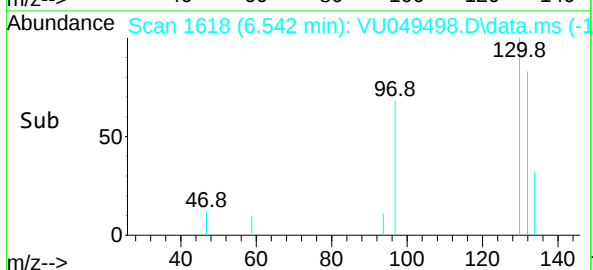
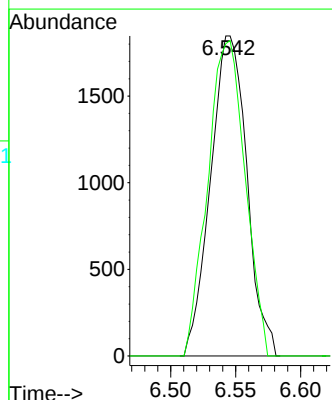
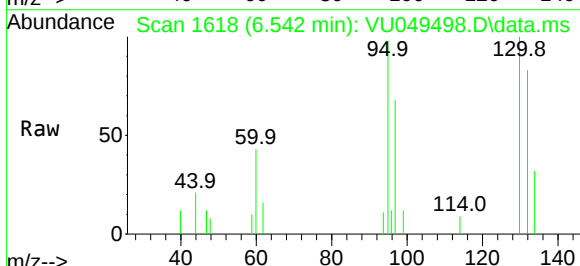
Acq: 29 Jun 2022 07:16

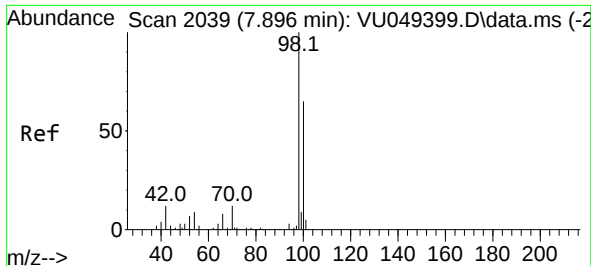
Tgt Ion:130 Resp: 3590

Ion Ratio Lower Upper

130 100

95 97.6 0.0 184.6

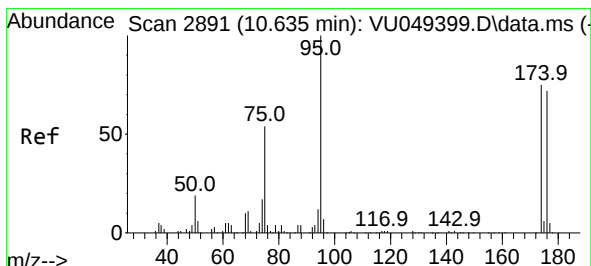
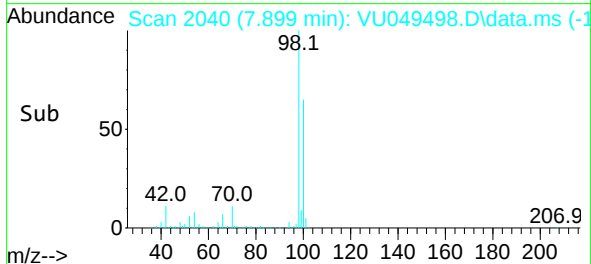
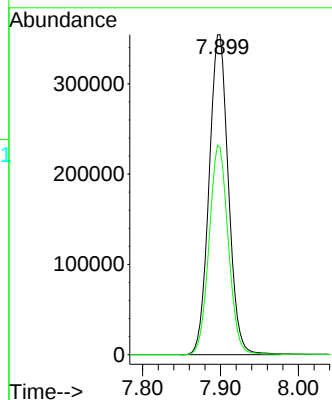
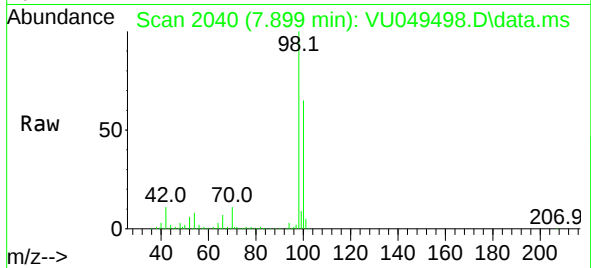




#50
Toluene-d8
Concen: 48.251 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

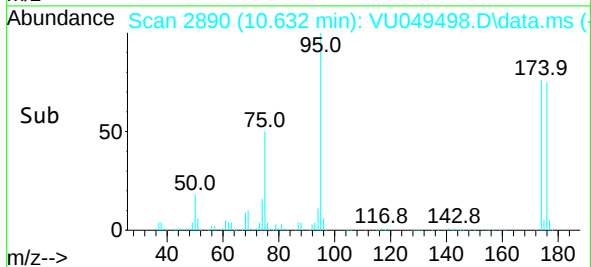
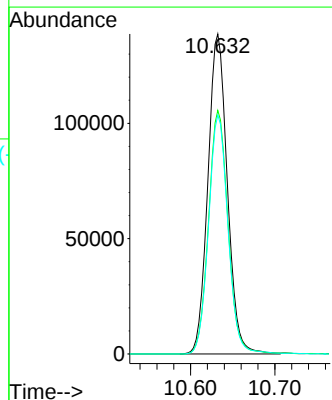
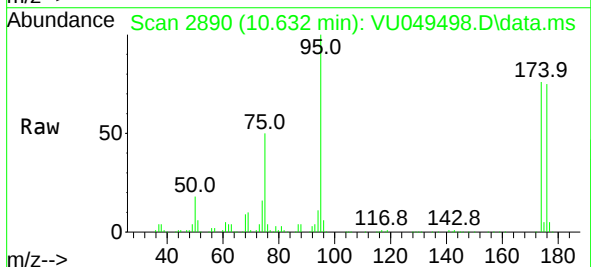
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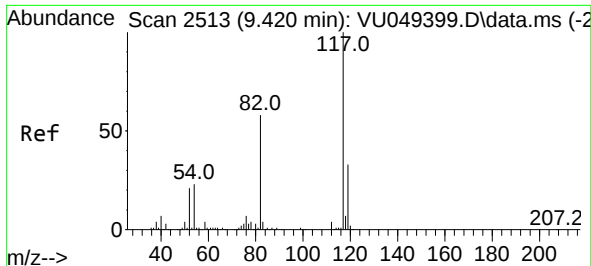
Tgt Ion: 98 Resp: 609443
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.065 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

Tgt Ion: 95 Resp: 222882
Ion Ratio Lower Upper
95 100
174 76.4 0.0 182.0
176 74.4 0.0 177.8

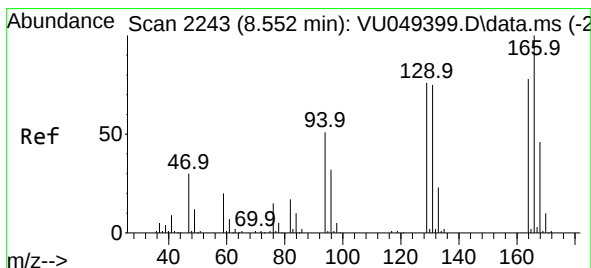
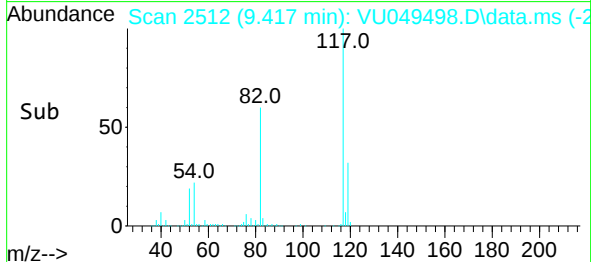
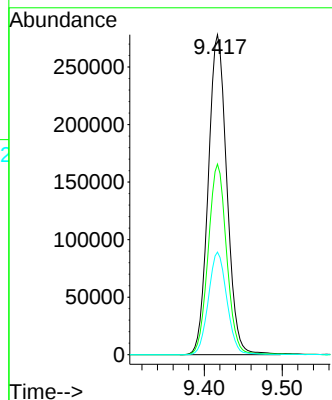
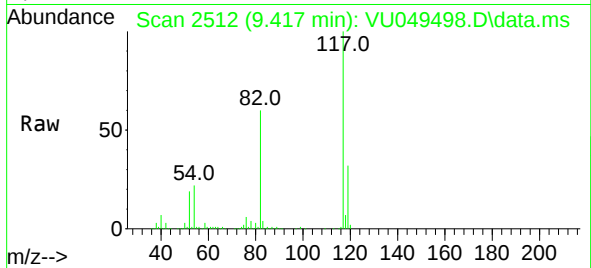




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

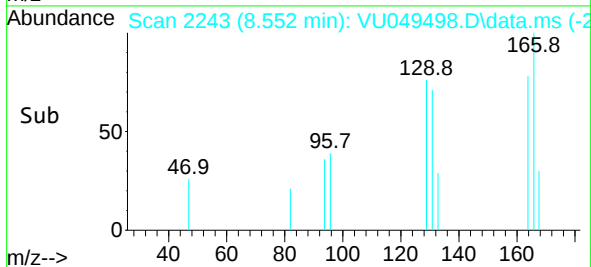
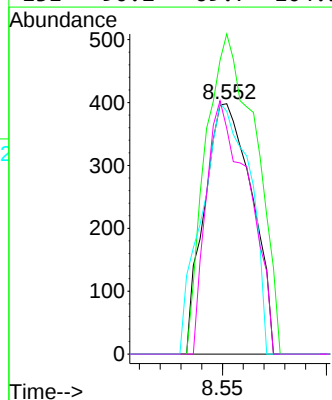
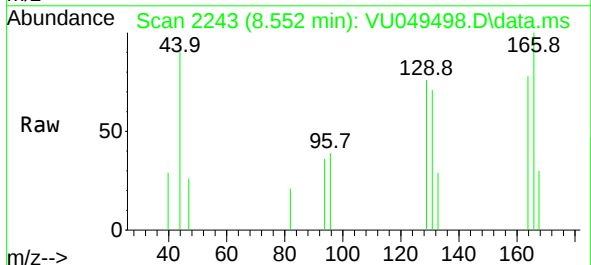
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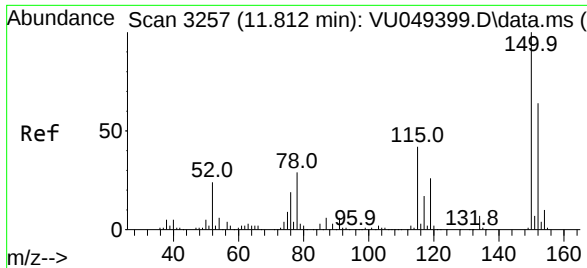
Tgt Ion:117 Resp: 461159
Ion Ratio Lower Upper
117 100
82 59.5 41.7 62.5
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 0.214 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

Tgt Ion:164 Resp: 632
Ion Ratio Lower Upper
164 100
166 127.9 100.0 150.0
129 97.0 72.0 108.0
131 90.2 69.7 104.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049498.D

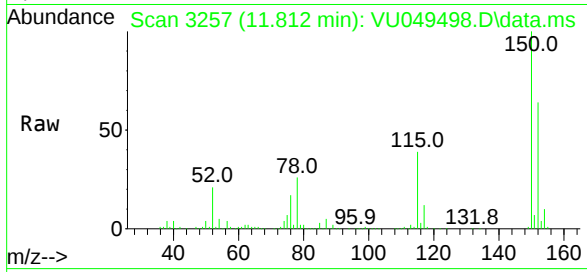
Acq: 29 Jun 2022 07:16

Instrument :

MSVOA_U

ClientSampleId :

MW178S-20220621



Tgt Ion:152 Resp: 217590

Ion Ratio Lower Upper

152 100

115 61.8 37.0 110.9

150 157.7 0.0 342.2

