

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049543.D
 Acq On : 30 Jun 2022 04:19
 Operator : SY/MD
 Sample : N3517-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4-20220627

Quant Time: Jun 30 04:40:57 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)

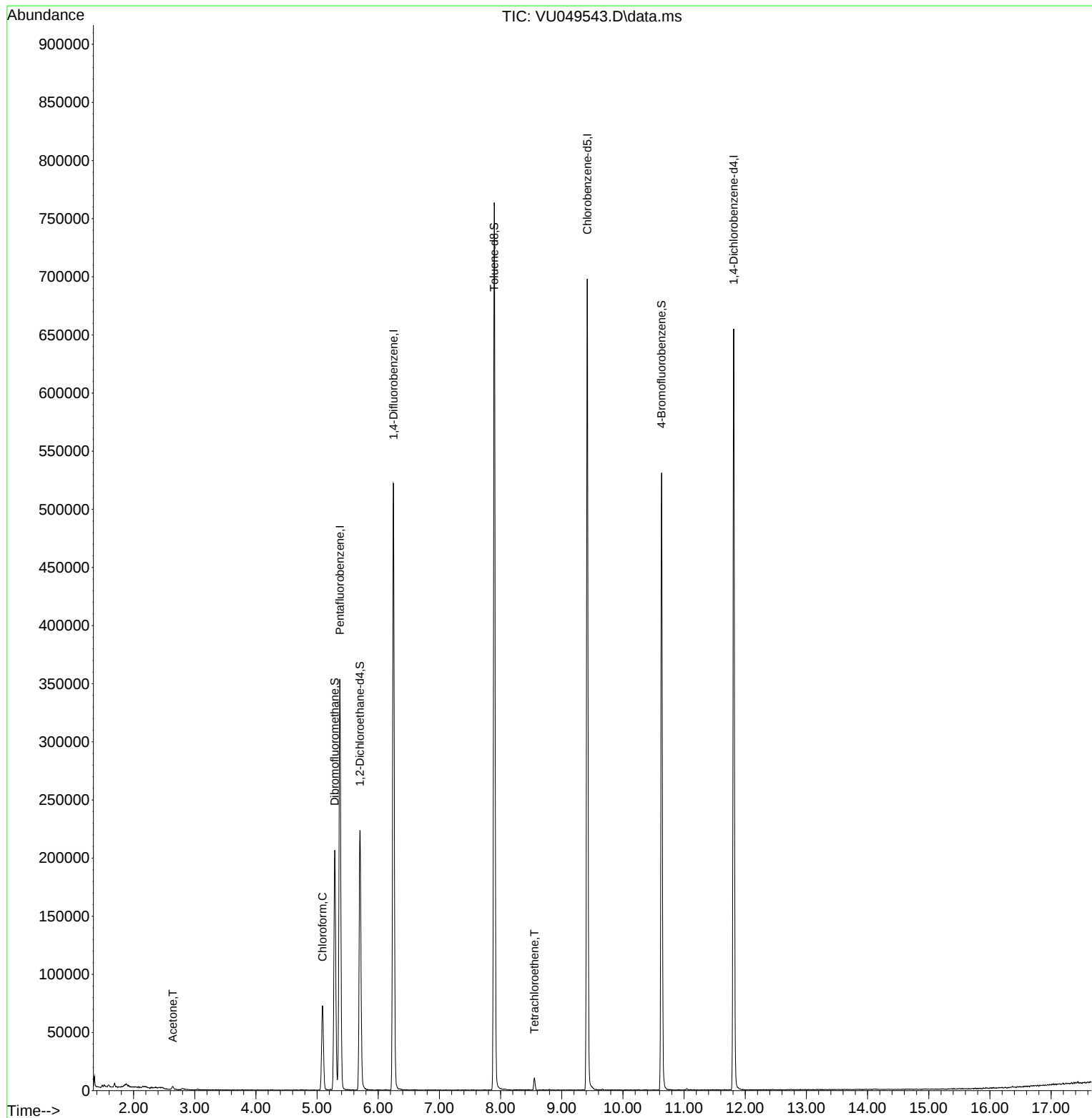
Internal Standards						
1) Pentafluorobenzene	5.372	168	239594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	425573	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	381894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	174384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	170613	46.238	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.480%		
35) Dibromofluoromethane	5.288	113	135294	45.440	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.880%		
50) Toluene-d8	7.896	98	509375	47.965	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.940%		
62) 4-Bromofluorobenzene	10.632	95	178397	43.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.700%		
Target Compounds						
16) Acetone	2.642	43	3514	1.888	ug/l	98
30) Chloroform	5.089	83	64564	11.316	ug/l	99
64) Tetrachloroethene	8.552	164	2509	1.024	ug/l	95

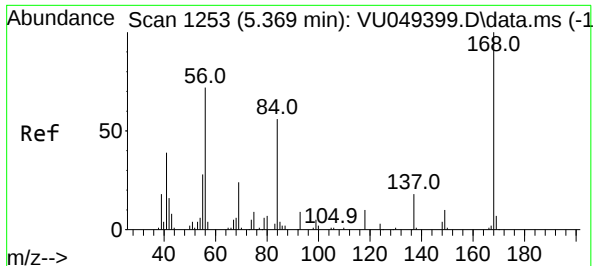
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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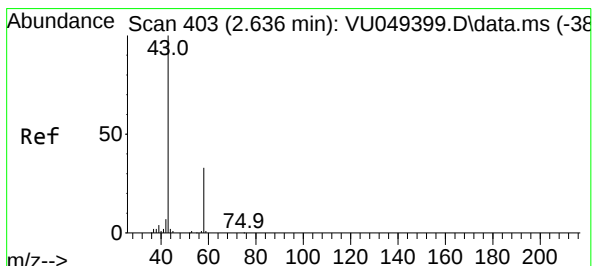
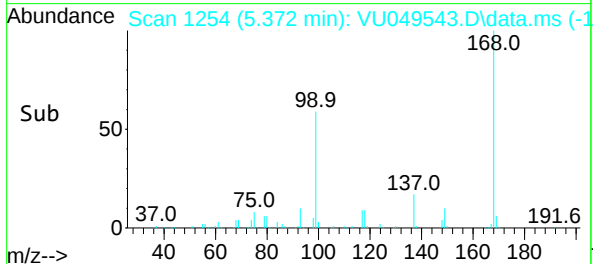
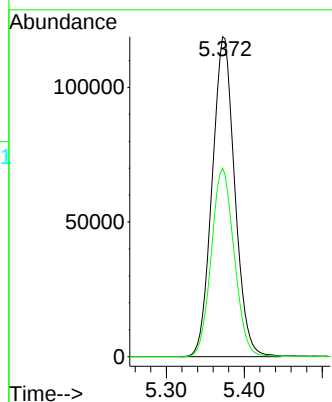
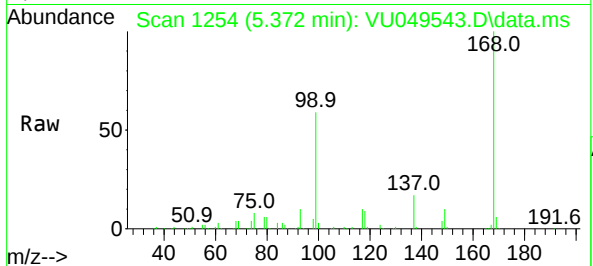




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049543.D
Acq: 30 Jun 2022 04:19

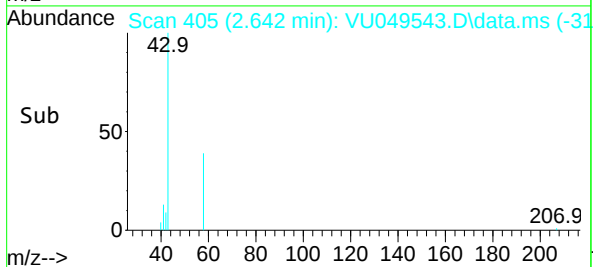
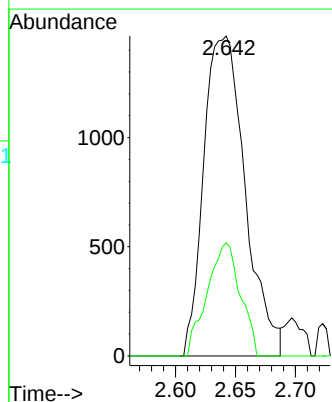
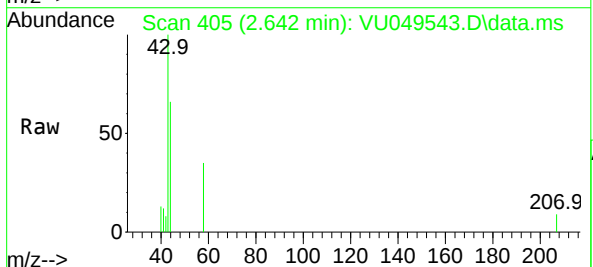
Instrument :
MSVOA_U
ClientSampleId :
MW-4-20220627

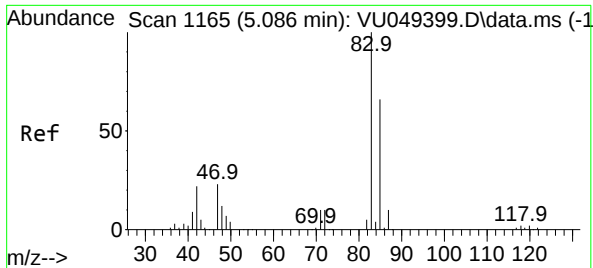
Tgt Ion:168 Resp: 239594
Ion Ratio Lower Upper
168 100
99 58.9 39.3 58.9



#16
Acetone
Concen: 1.888 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU049543.D
Acq: 30 Jun 2022 04:19

Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
58 35.4 27.5 41.3

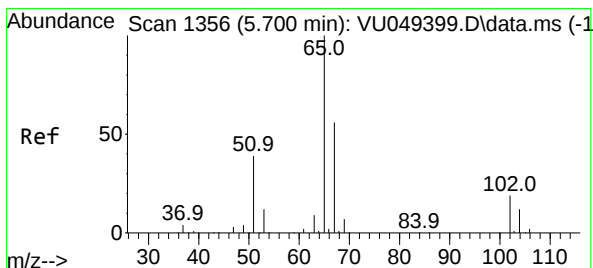
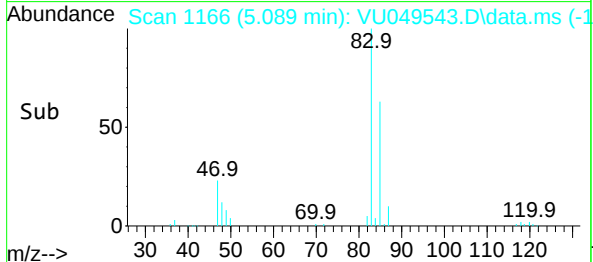
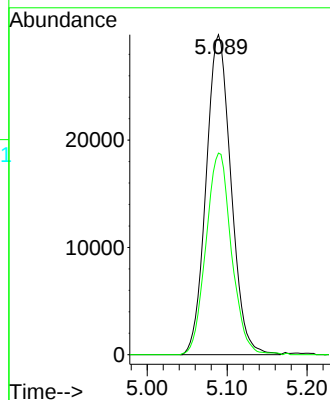
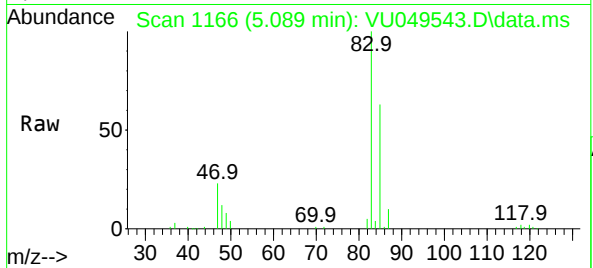




#30
Chloroform
Concen: 11.316 ug/l
RT: 5.089 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU049543.D
Acq: 30 Jun 2022 04:19

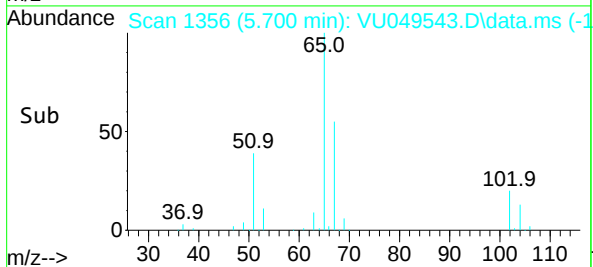
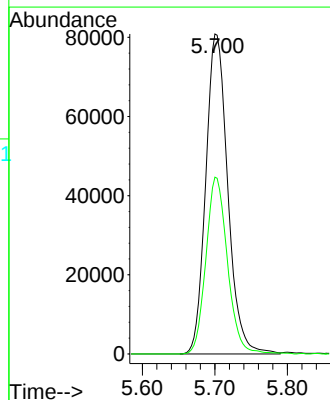
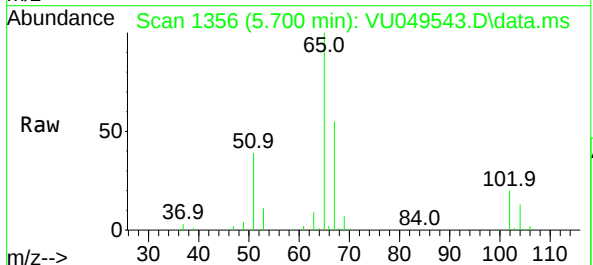
Instrument :
MSVOA_U
ClientSampleId :
MW-4-20220627

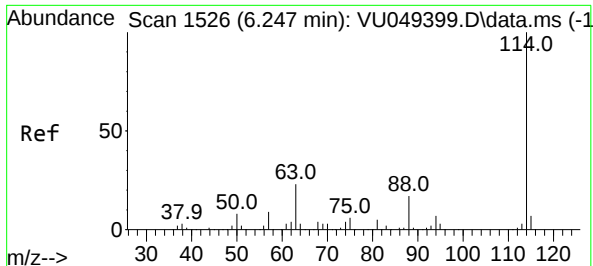
Tgt Ion: 83 Resp: 64564
Ion Ratio Lower Upper
83 100
85 63.0 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 46.238 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049543.D
Acq: 30 Jun 2022 04:19

Tgt Ion: 65 Resp: 170613
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049543.D

Acq: 30 Jun 2022 04:19

Instrument :

MSVOA_U

ClientSampleId :

MW-4-20220627

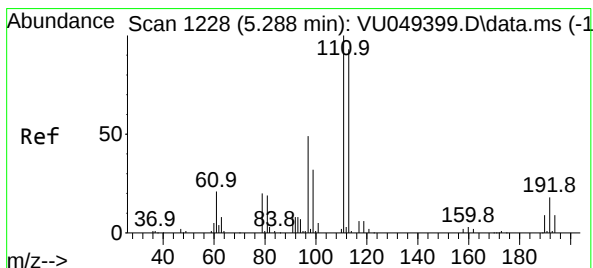
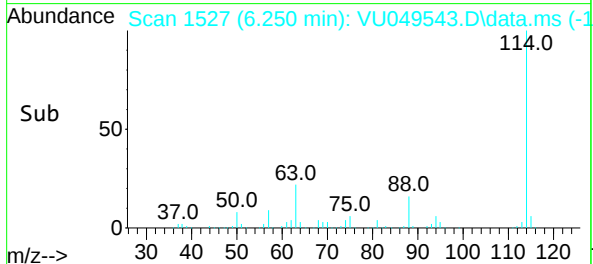
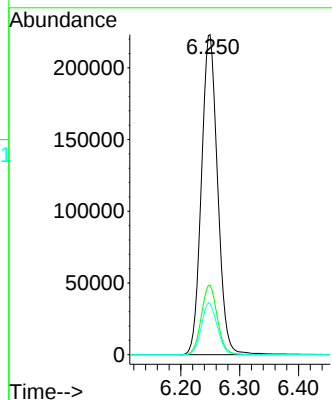
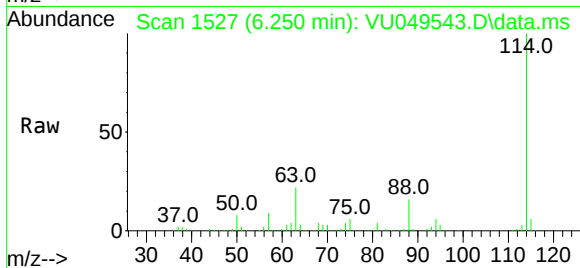
Tgt Ion:114 Resp: 425573

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 15.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.440 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049543.D

Acq: 30 Jun 2022 04:19

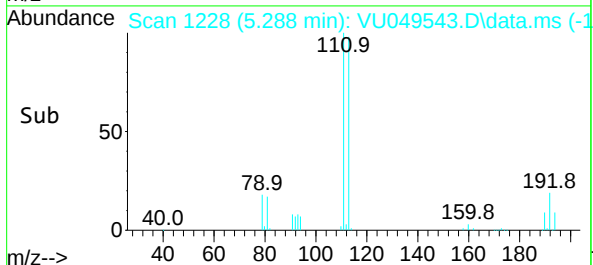
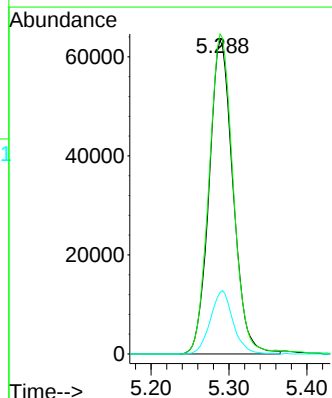
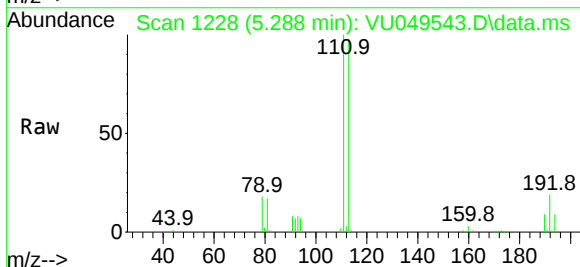
Tgt Ion:113 Resp: 135294

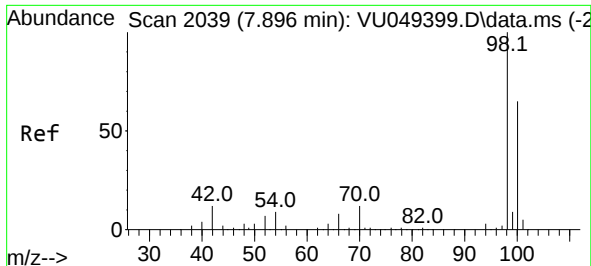
Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 19.2 18.0 27.0

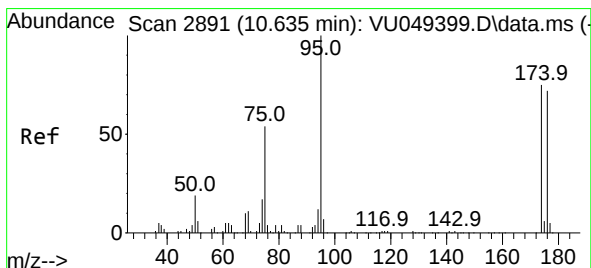
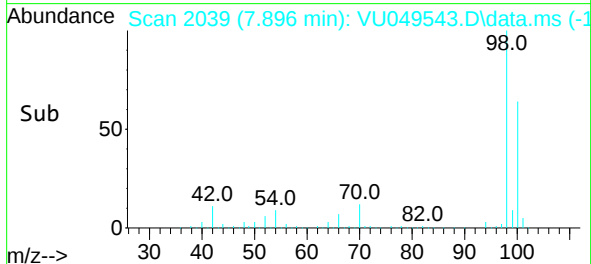
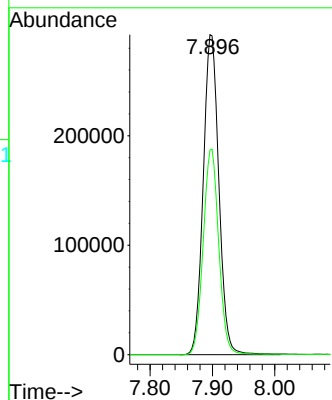
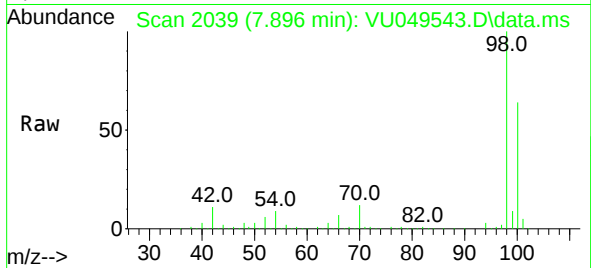




#50
Toluene-d8
Concen: 47.965 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049543.D
Acq: 30 Jun 2022 04:19

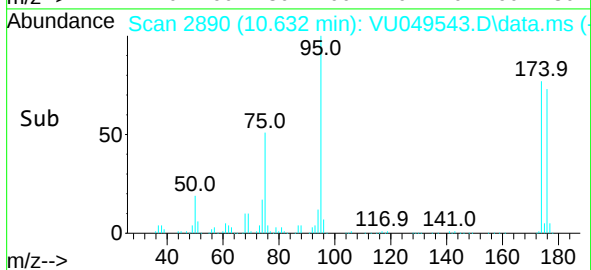
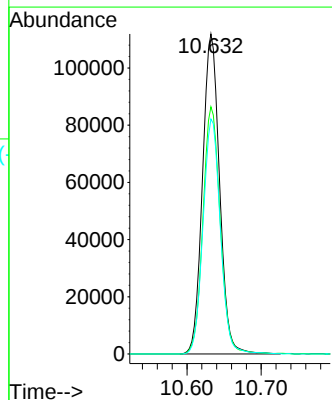
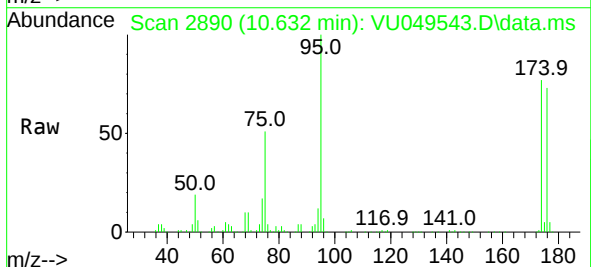
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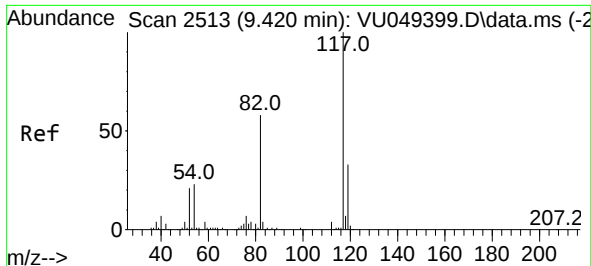
Tgt Ion: 98 Resp: 509375
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.853 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049543.D
Acq: 30 Jun 2022 04:19

Tgt Ion: 95 Resp: 178397
Ion Ratio Lower Upper
95 100
174 78.2 0.0 182.0
176 74.5 0.0 177.8

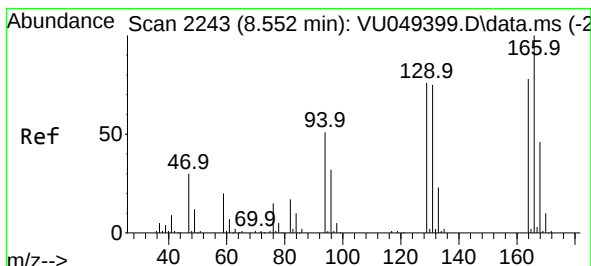
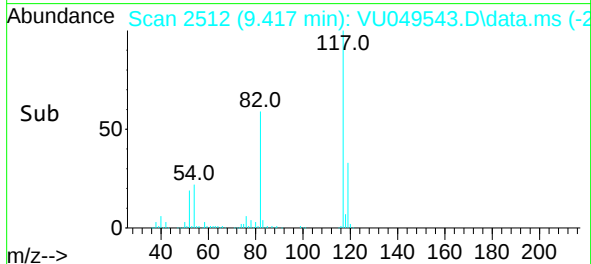
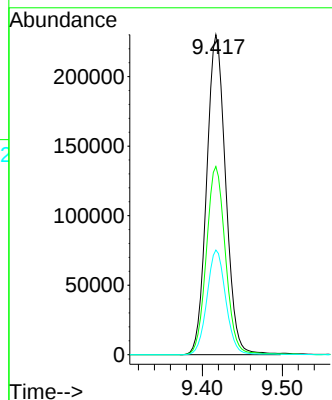
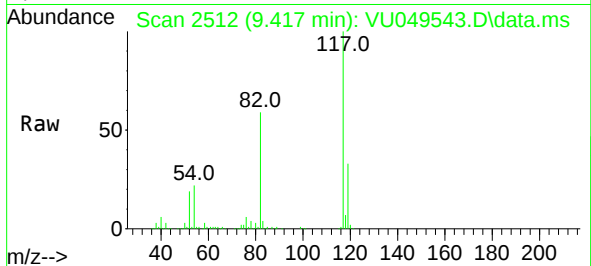




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049543.D
Acq: 30 Jun 2022 04:19

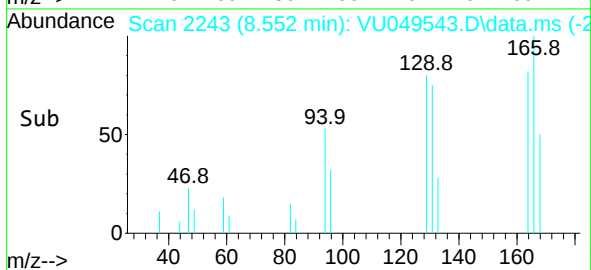
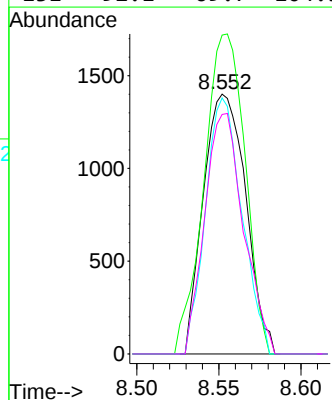
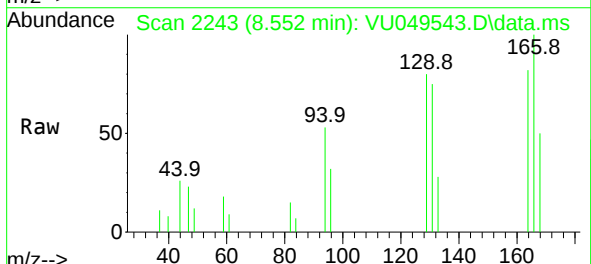
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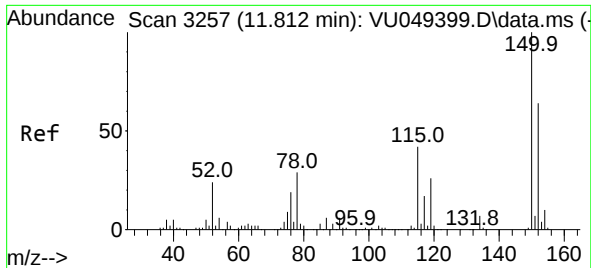
Tgt Ion:117 Resp: 381894
Ion Ratio Lower Upper
117 100
82 58.8 41.7 62.5
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 1.024 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049543.D
Acq: 30 Jun 2022 04:19

Tgt Ion:164 Resp: 2509
Ion Ratio Lower Upper
164 100
166 122.7 100.0 150.0
129 98.5 72.0 108.0
131 92.1 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: VU049543.D

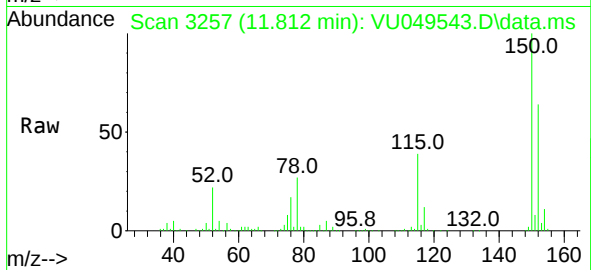
Acq: 30 Jun 2022 04:19

Instrument :

MSVOA_U

ClientSampleId :

MW-4-20220627



Tgt Ion:152 Resp: 174384

Ion Ratio Lower Upper

152 100

115 60.8 37.0 110.9

150 156.6 0.0 342.2

