

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049497.D
 Acq On : 29 Jun 2022 06:53
 Operator : SY/MD
 Sample : N3457-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW178I-20220621

Quant Time: Jun 29 08:03:43 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)

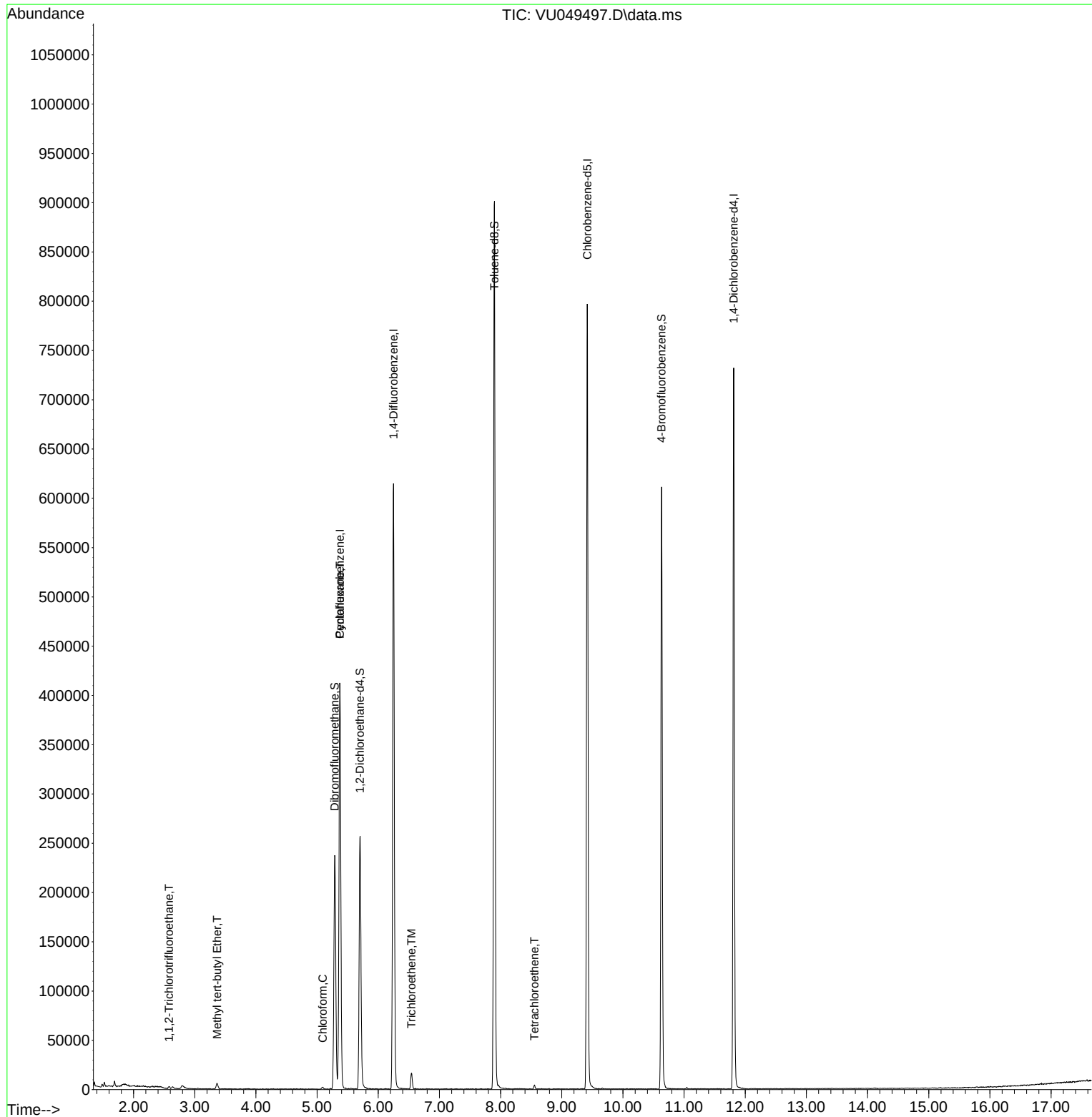
Internal Standards						
1) Pentafluorobenzene	5.372	168	288478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	499469	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	446089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	192313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	195369	43.975	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.940%
35) Dibromofluoromethane	5.288	113	157082	44.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.900%
50) Toluene-d8	7.899	98	600600	48.188	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.380%
62) 4-Bromofluorobenzene	10.632	95	208235	43.615	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.220%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.578	101	784	0.245	ug/l	# 55
19) Methyl tert-butyl Ether	3.366	73	6204	0.532	ug/l	96
30) Chloroform	5.092	83	1859	0.271	ug/l	88
31) Cyclohexane	5.372	56	5688	0.853	ug/l	# 1
44) Trichloroethene	6.542	130	5592	1.538	ug/l	84
64) Tetrachloroethene	8.552	164	907	0.317	ug/l	# 92

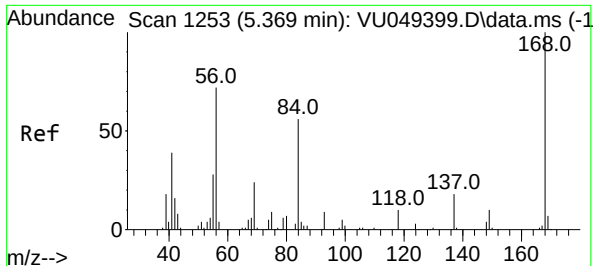
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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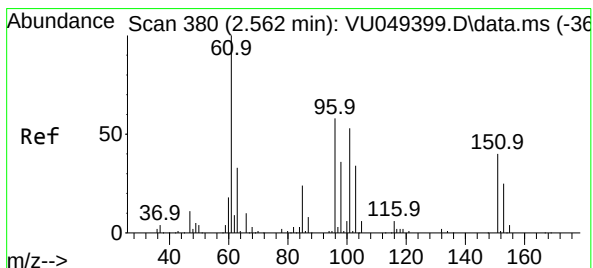
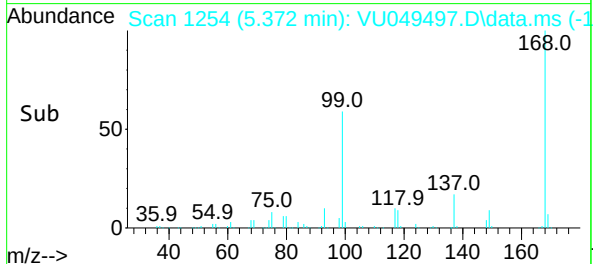
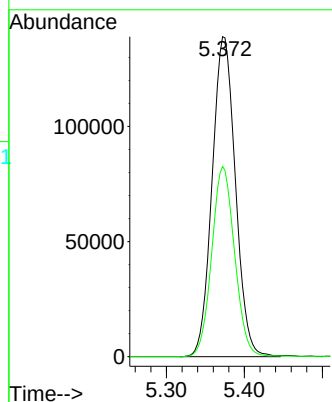
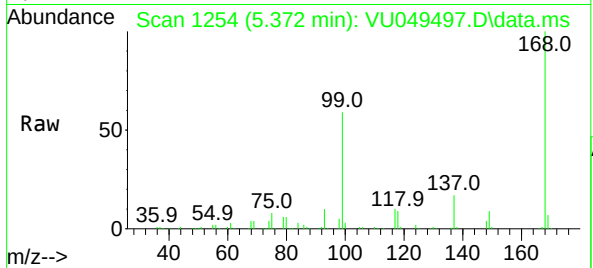




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

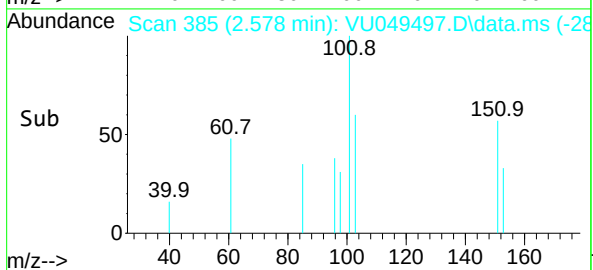
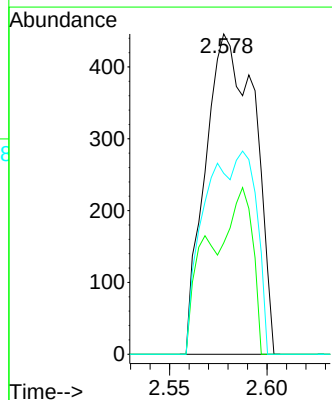
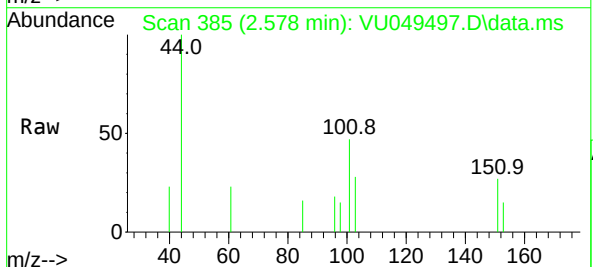
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ClientSampleId :
MW178I-20220621

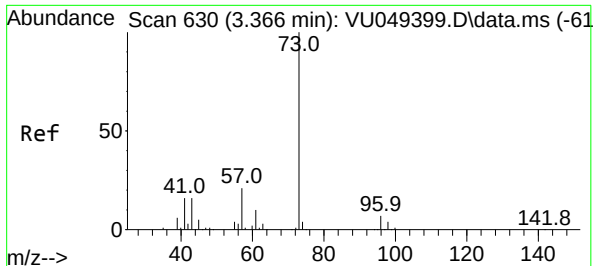
Tgt Ion:168 Resp: 288478
Ion Ratio Lower Upper
168 100
99 59.5 39.3 58.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.245 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

Tgt Ion:101 Resp: 784
Ion Ratio Lower Upper
101 100
85 17.3 33.9 50.9#
151 37.1 64.0 96.0#

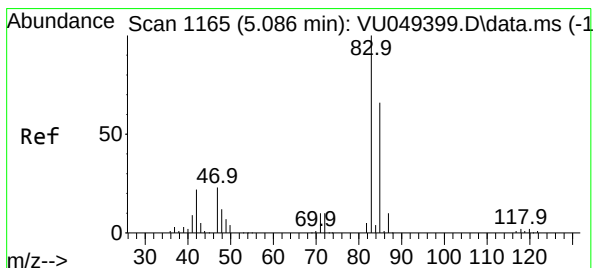
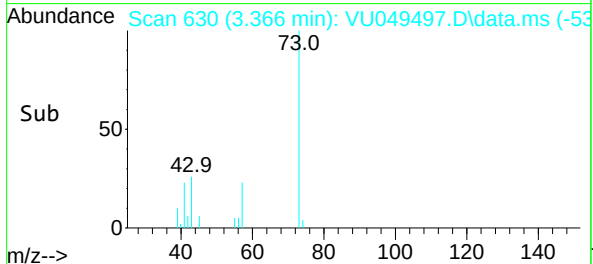
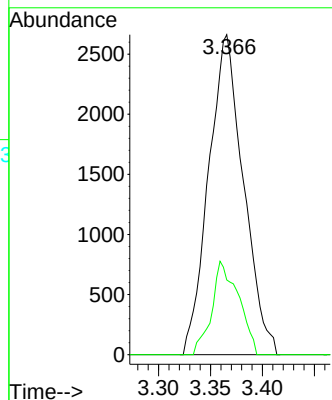
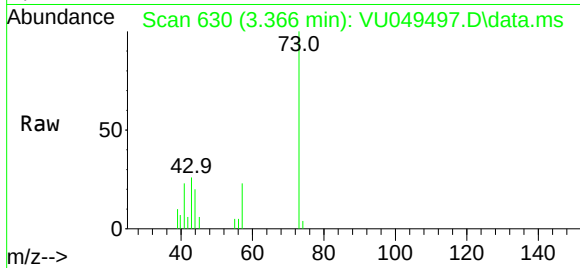




#19
Methyl tert-butyl Ether
Concen: 0.532 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

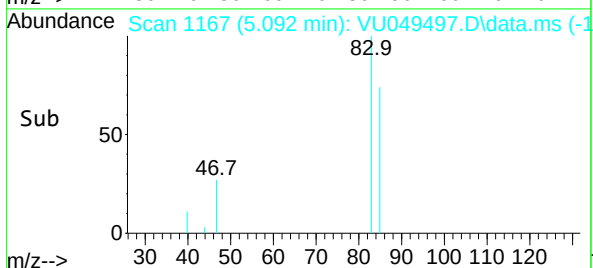
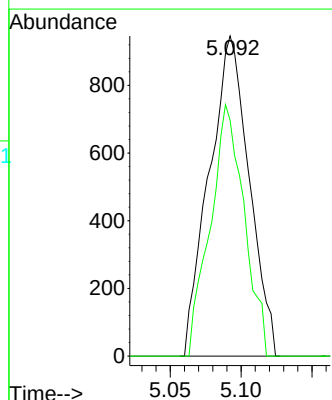
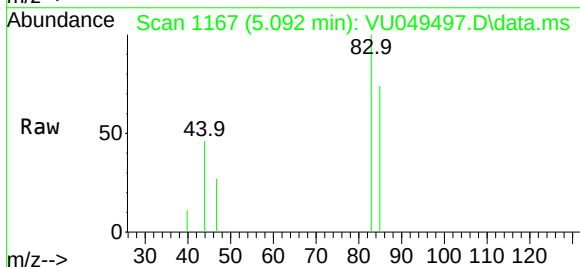
Instrument :
MSVOA_U
ClientSampleId :
MW178I-20220621

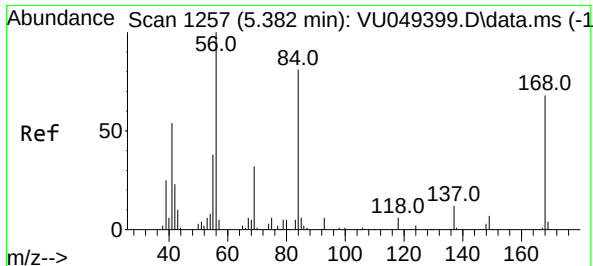
Tgt Ion: 73 Resp: 6204
Ion Ratio Lower Upper
73 100
57 23.3 17.1 25.7



#30
Chloroform
Concen: 0.271 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

Tgt Ion: 83 Resp: 1859
Ion Ratio Lower Upper
83 100
85 73.7 51.2 76.8

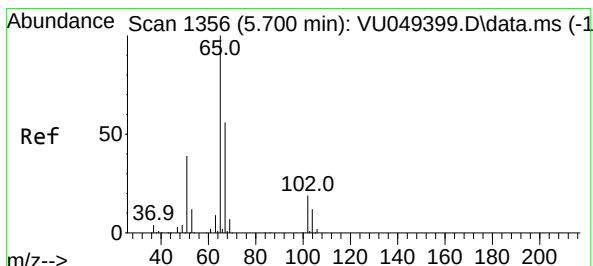
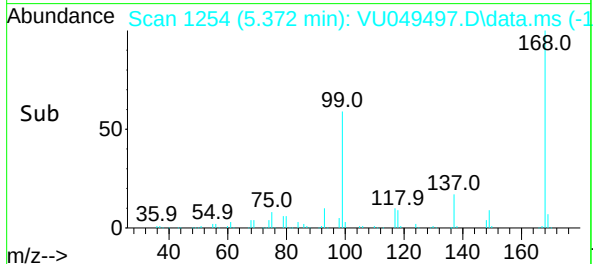
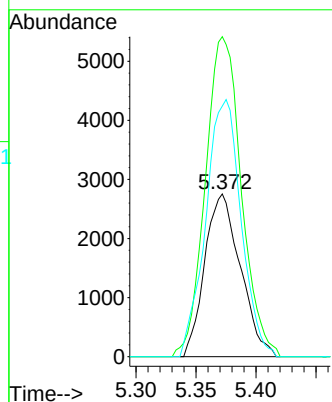
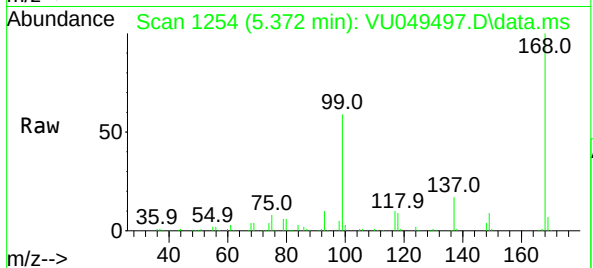




#31
Cyclohexane
Concen: 0.853 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

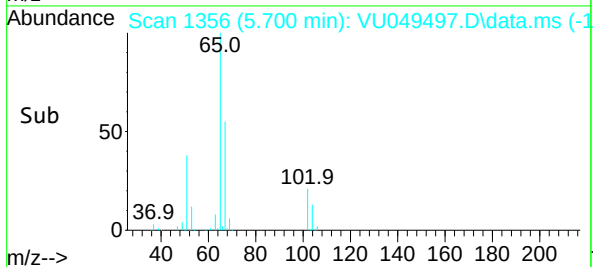
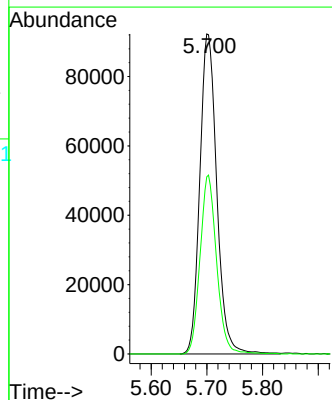
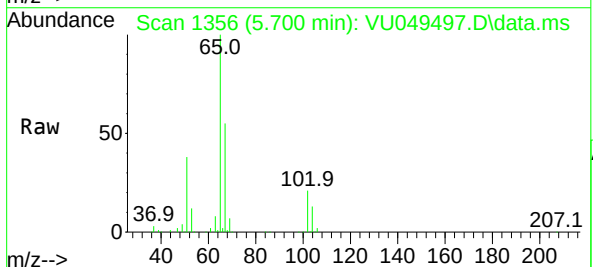
Instrument :
MSVOA_U
ClientSampleId :
MW178I-20220621

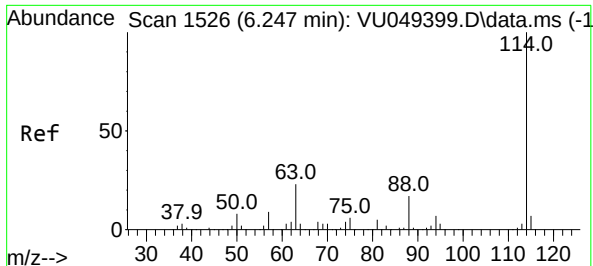
Tgt Ion: 56 Resp: 5688
Ion Ratio Lower Upper
56 100
69 196.7 27.8 41.8#
84 154.0 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 43.975 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.000 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

Tgt Ion: 65 Resp: 195369
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049497.D

Acq: 29 Jun 2022 06:53

Instrument :

MSVOA_U

ClientSampleId :

MW178I-20220621

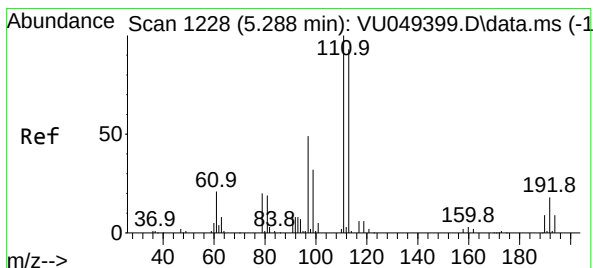
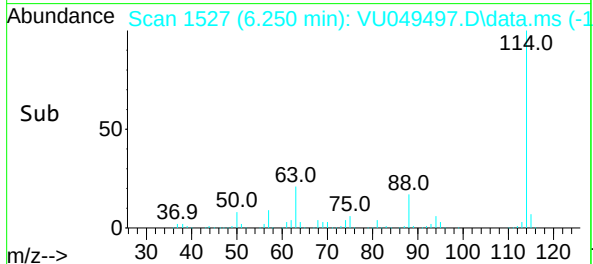
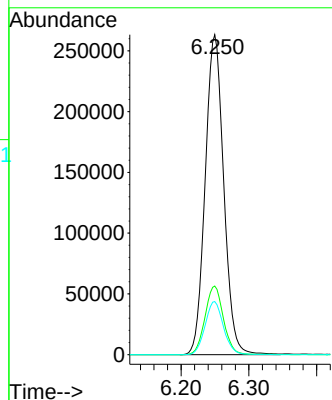
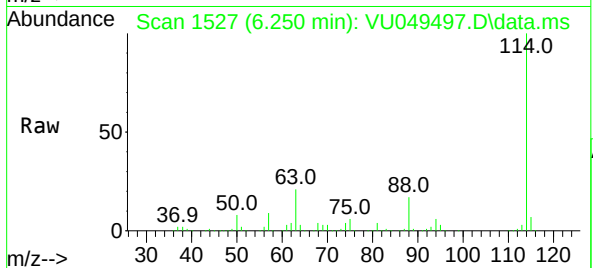
Tgt Ion:114 Resp: 499469

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.952 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VU049497.D

Acq: 29 Jun 2022 06:53

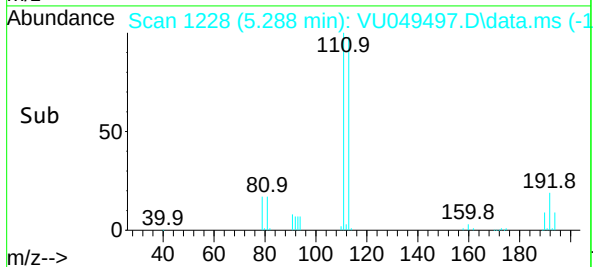
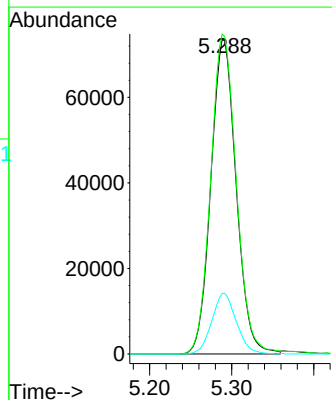
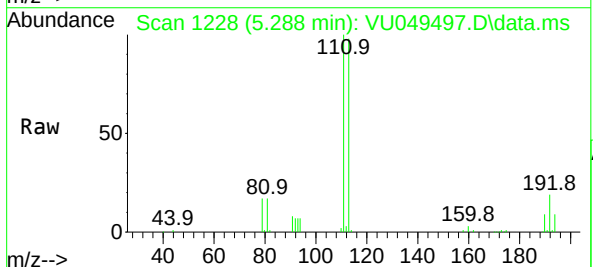
Tgt Ion:113 Resp: 157082

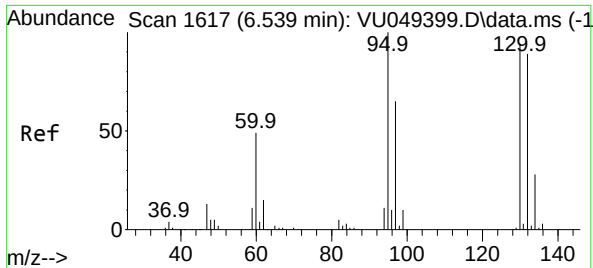
Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 18.7 18.0 27.0

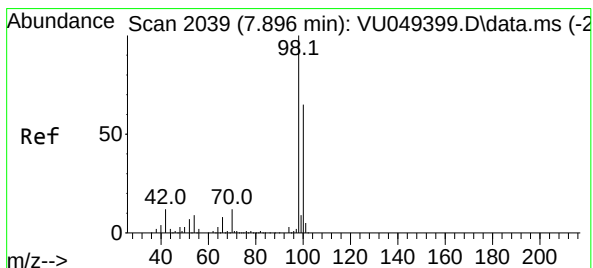
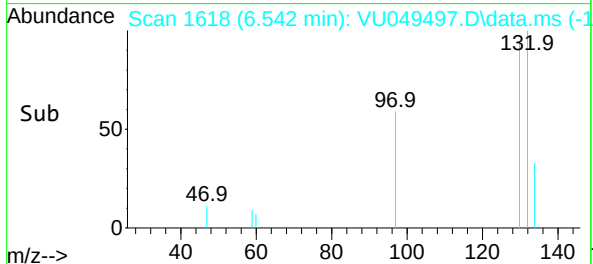
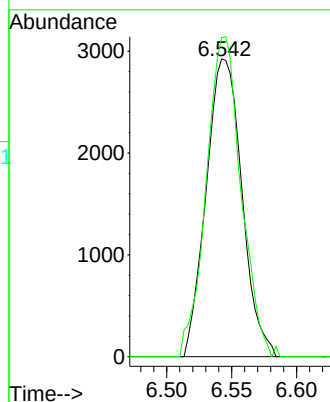
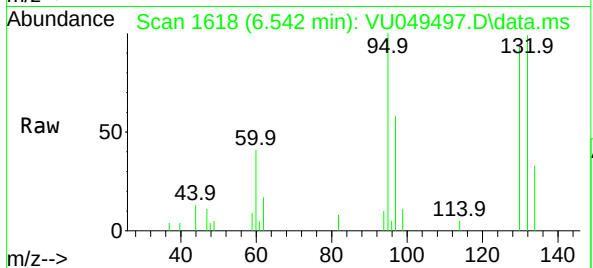




#44
Trichloroethene
Concen: 1.538 ug/l
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

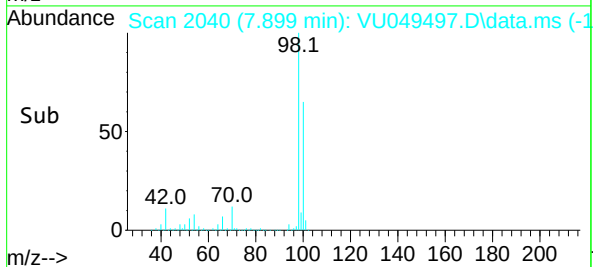
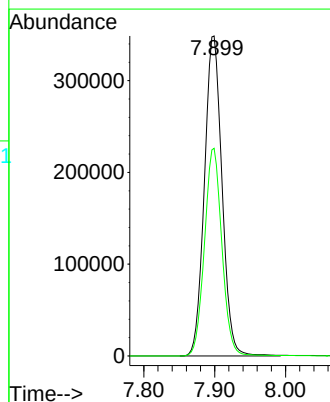
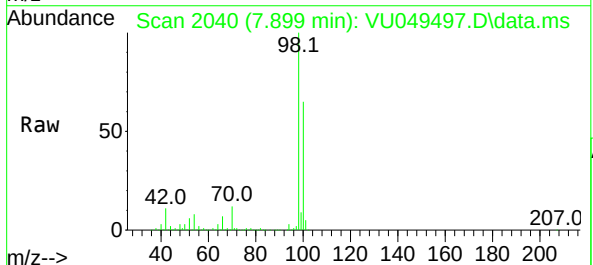
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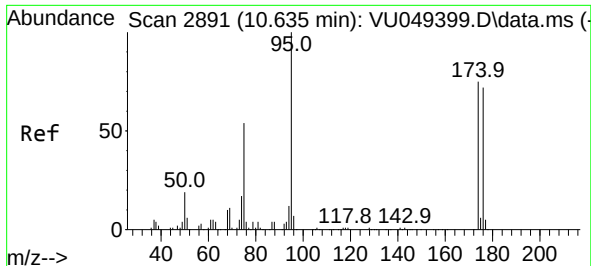
Tgt Ion:130 Resp: 5592
Ion Ratio Lower Upper
130 100
95 107.1 0.0 184.6



#50
Toluene-d8
Concen: 48.188 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

Tgt Ion: 98 Resp: 600600
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

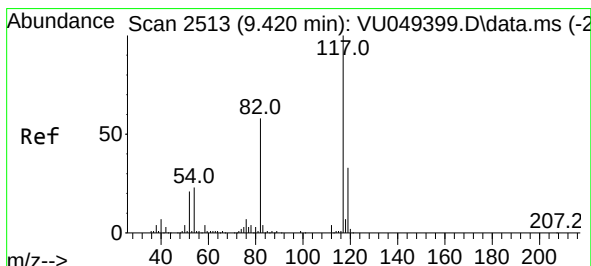
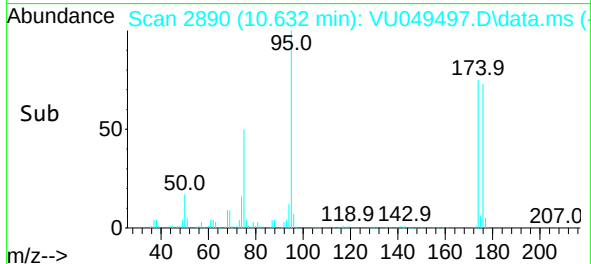
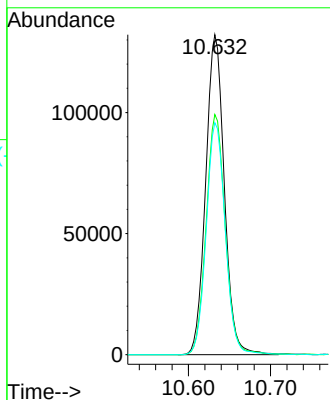
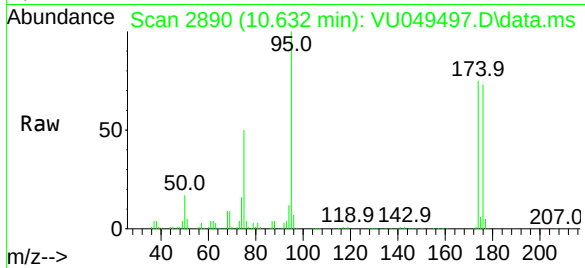




#62
4-Bromofluorobenzene
Concen: 43.615 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

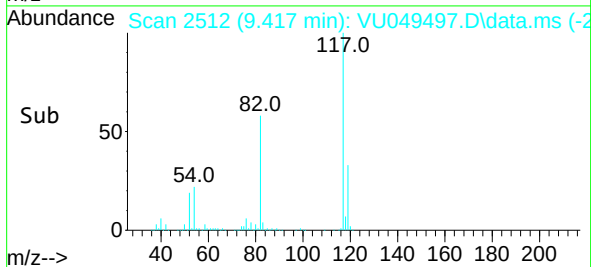
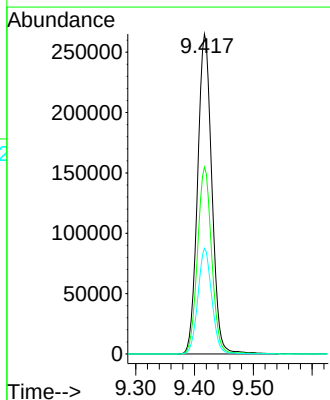
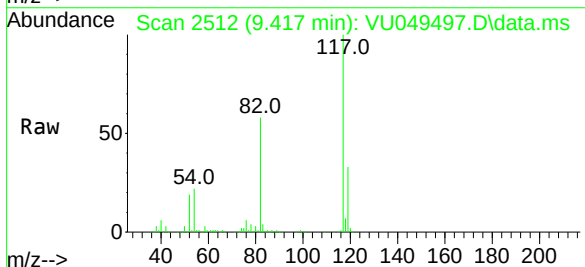
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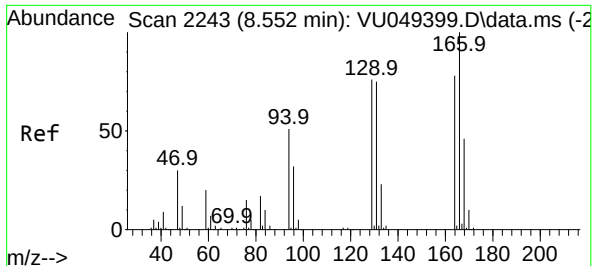
Tgt Ion: 95 Resp: 208235
Ion Ratio Lower Upper
95 100
174 77.1 0.0 182.0
176 74.1 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

Tgt Ion: 117 Resp: 446089
Ion Ratio Lower Upper
117 100
82 58.4 41.7 62.5
119 33.1 25.7 38.5

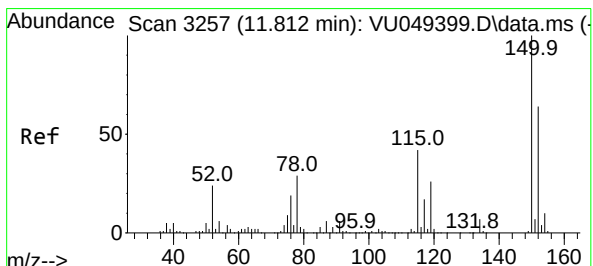
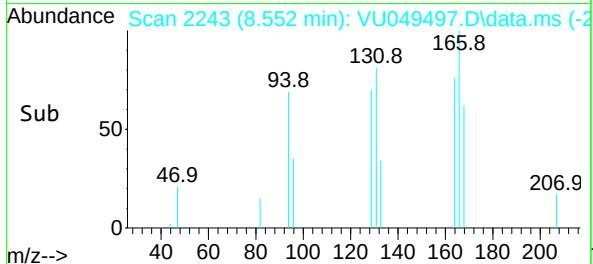
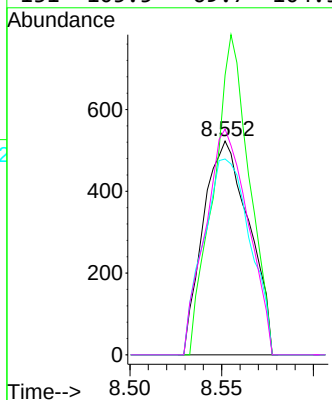
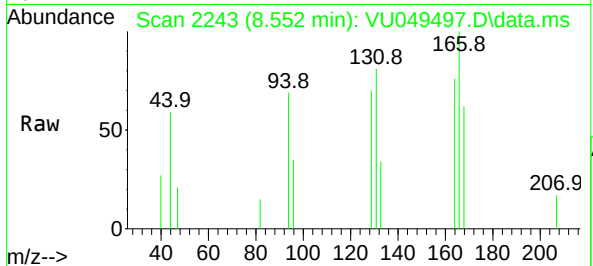




#64
Tetrachloroethene
Concen: 0.317 ug/l
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

Instrument :
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Tgt Ion:164	Resp:	907
Ion	Ratio	Lower Upper
164	100	
166	130.8	100.0 150.0
129	91.6	72.0 108.0
131	105.5	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: VU049497.D
Acq: 29 Jun 2022 06:53

Tgt Ion:152	Resp:	192313
Ion	Ratio	Lower Upper
152	100	
115	62.0	37.0 110.9
150	158.3	0.0 342.2

