

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)

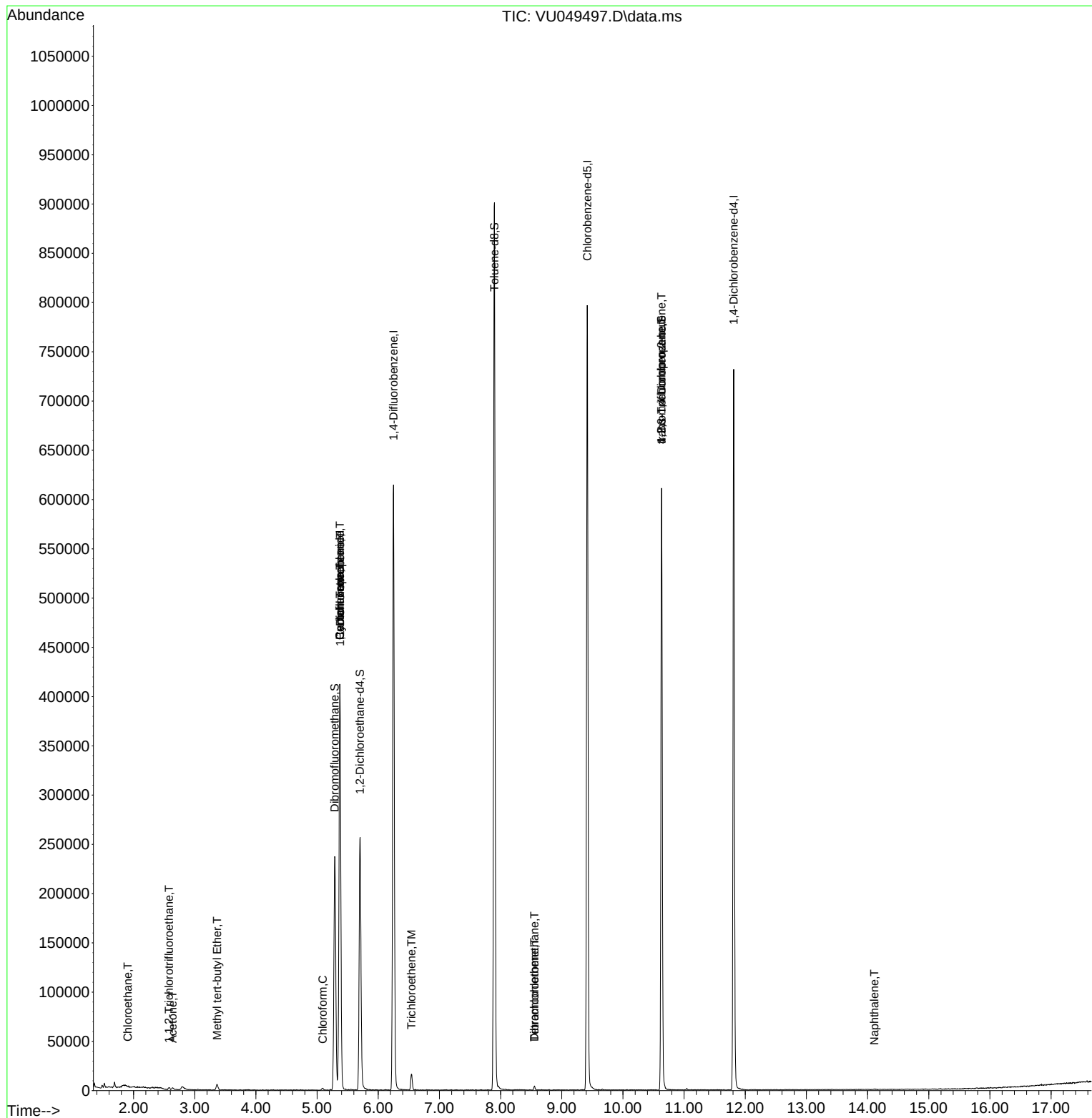
Internal Standards						
1) Pentafluorobenzene	5.372	168	288478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	499469	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	446089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	192313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
3) Chloromethane	1.523	50	3308	Below Cal		97
6) Chloroethane	1.906	64	20	1.924 ug/l	#	44
9) 1,1,2-Trichlorotrifluo...	2.578	101	784	0.245 ug/l	#	55
16) Acetone	2.639	43	2471	1.103 ug/l	#	87
19) Methyl tert-butyl Ether	3.366	73	6204	0.532 ug/l		96
20) Methylene Chloride	3.047	84	251	Below Cal	#	54
30) Chloroform	5.092	83	1859	0.271 ug/l		88
31) Cyclohexane	5.372	56	5688	0.853 ug/l	#	1
36) 1,1-Dichloropropene	5.375	75	22929	4.525 ug/l	#	49
38) Carbon Tetrachloride	5.372	117	28487	5.361 ug/l	#	16
44) Trichloroethene	6.542	130	5592	1.538 ug/l		84
60) Dibromochloromethane	8.552	129	845	0.216 ug/l	#	11
64) Tetrachloroethene	8.552	164	907	0.317 ug/l	#	92
76) 1,2,3-Trichloropropane	10.632	75	104267	15.994 ug/l	#	45
81) trans-1,4-Dichloro-2-b...	10.632	75	104267	59.063 ug/l	#	15
95) Naphthalene	14.111	128	419	1.763 ug/l	#	69

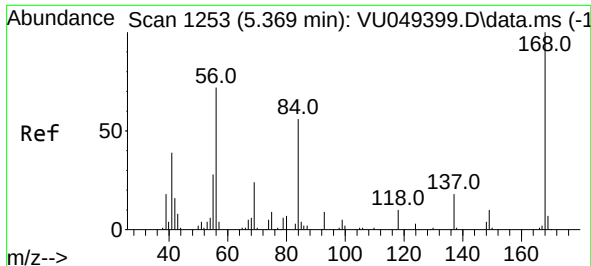
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
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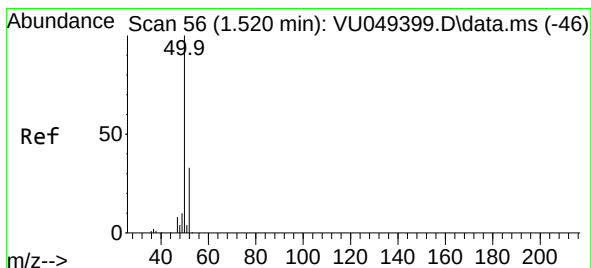
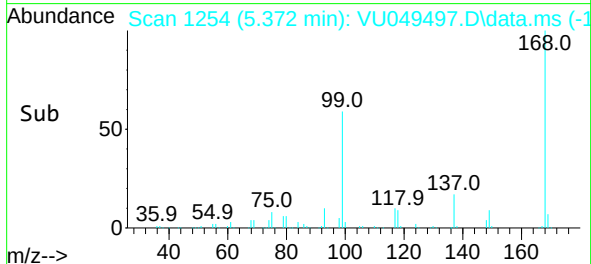
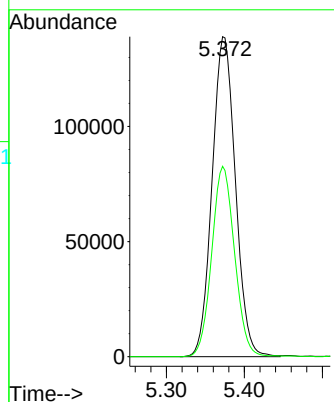
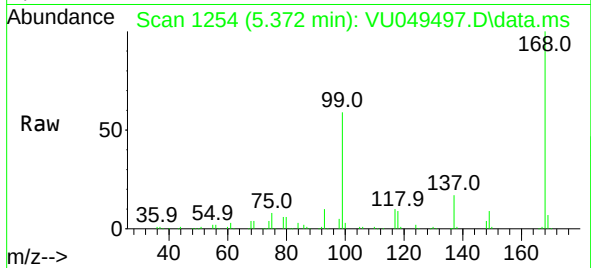




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

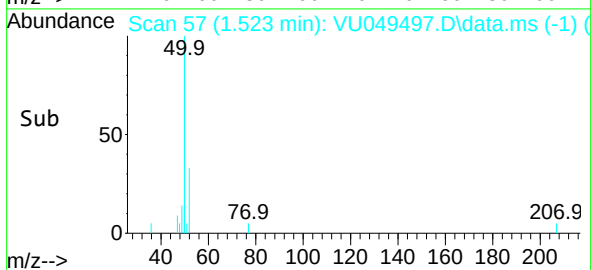
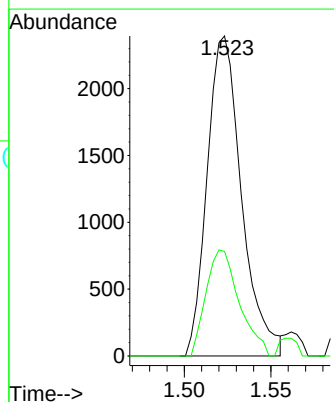
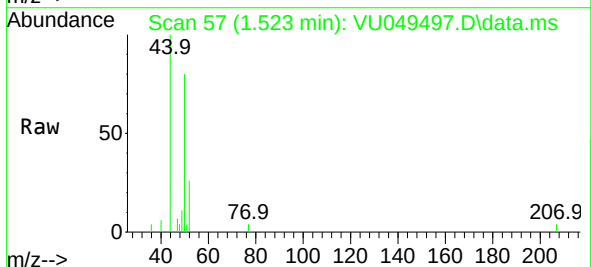
Instrument :
MSVOA_U
ClientSampleId :
MW178I-20220621

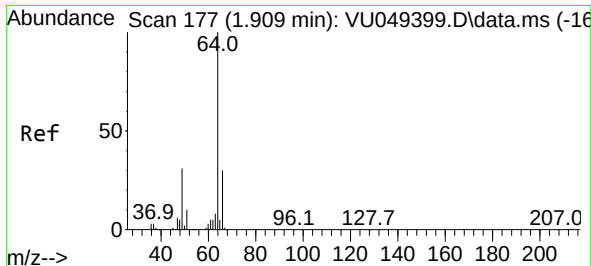
Tgt Ion:168 Resp: 288478
Ion Ratio Lower Upper
168 100
99 59.5 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

Tgt Ion: 50 Resp: 3308
Ion Ratio Lower Upper
50 100
52 32.7 27.4 41.2

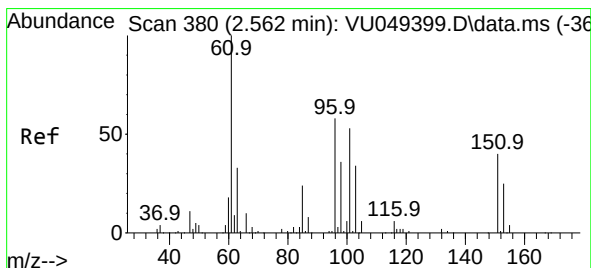
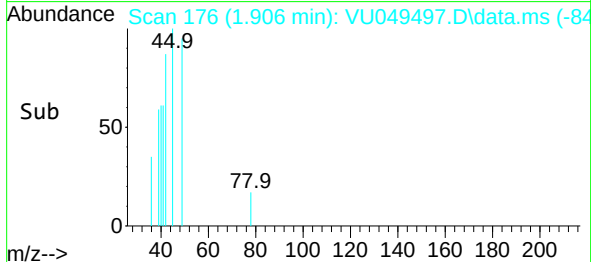
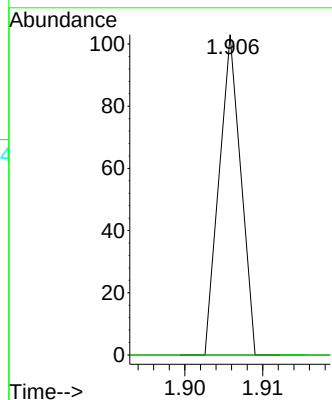
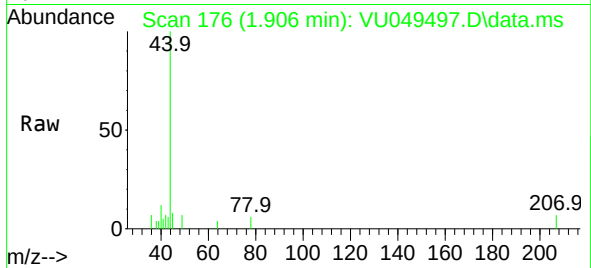




#6
Chloroethane
Concen: 1.924 ug/l
RT: 1.906 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

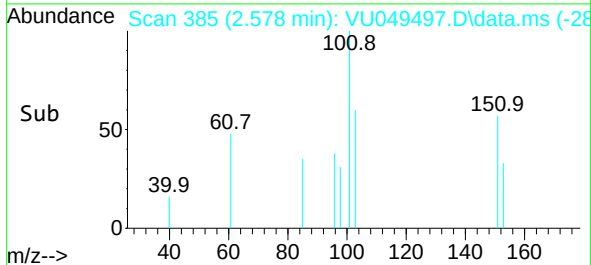
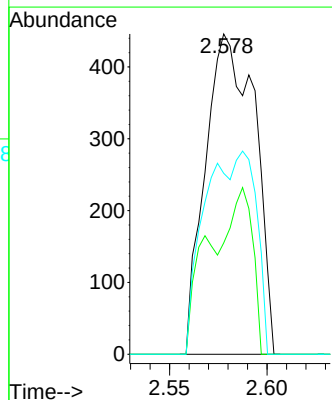
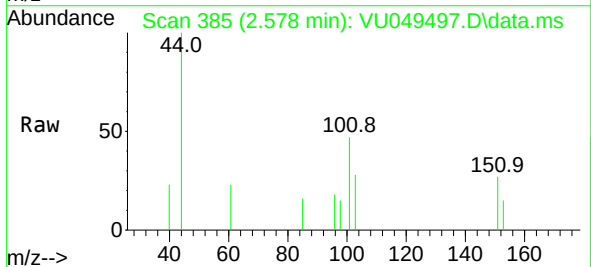
Instrument :
MSVOA_U
ClientSampleId :
MW178I-20220621

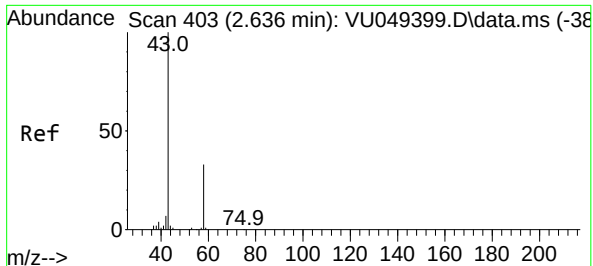
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#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#

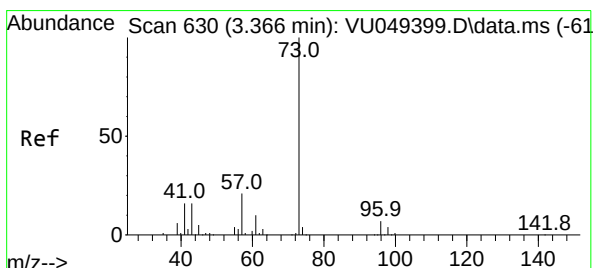
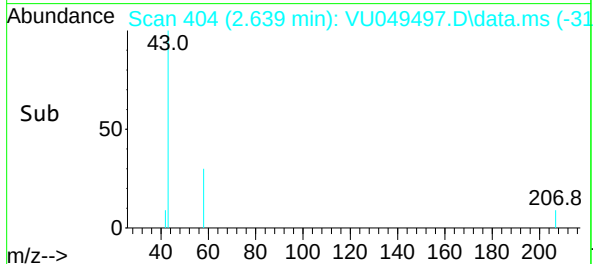
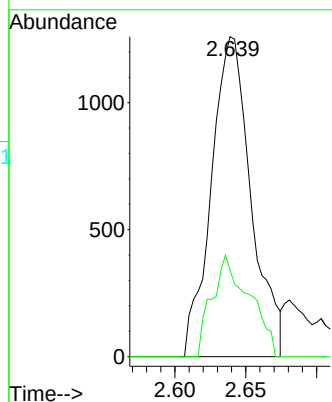
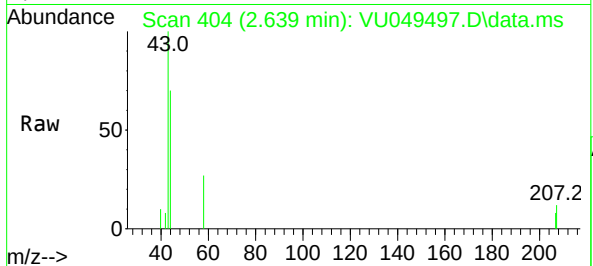




#16
Acetone
Concen: 1.103 ug/l
RT: 2.639 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

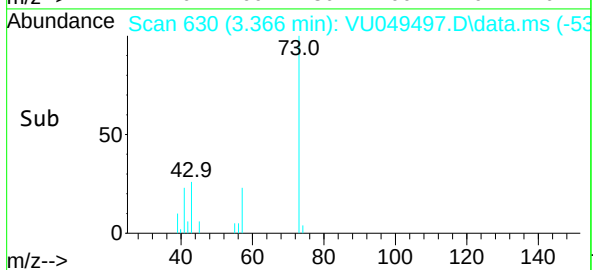
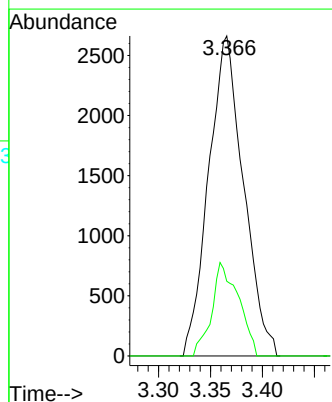
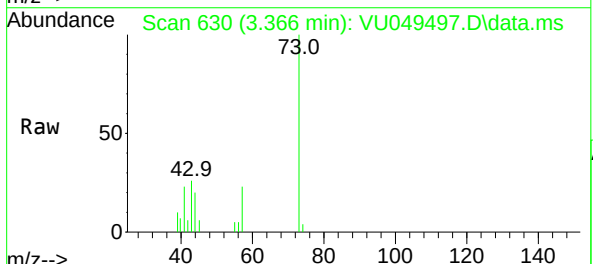
Instrument :
MSVOA_U
ClientSampleId :
MW178I-20220621

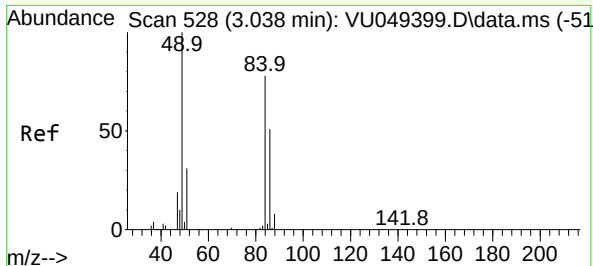
Tgt Ion: 43 Resp: 2471
Ion Ratio Lower Upper
43 100
58 27.1 27.5 41.3#



#19
Methyl tert-butyl Ether
Concen: 0.532 ug/l
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

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





#20

Methylene Chloride

Concen: Below Cal

RT: 3.047 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU049497.D

Acq: 29 Jun 2022 06:53

Instrument :

MSVOA_U

ClientSampleId :

MW178I-20220621

Tgt Ion: 84 Resp: 251

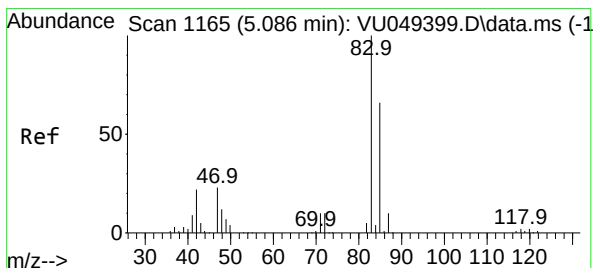
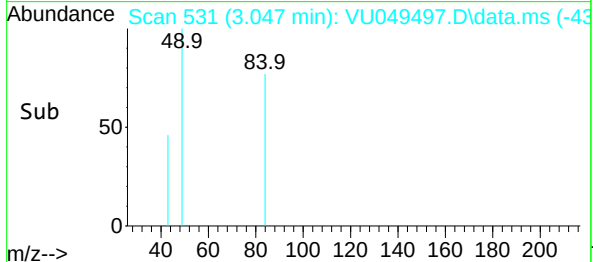
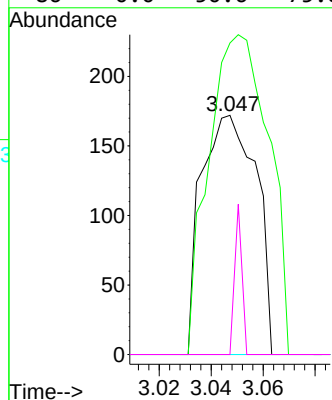
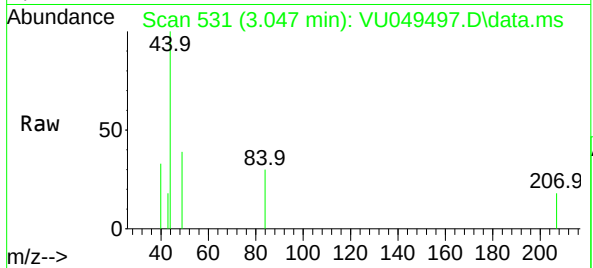
Ion Ratio Lower Upper

84 100

49 130.2 86.6 129.8#

51 0.0 26.6 40.0#

86 0.0 50.6 75.8#



#30

Chloroform

Concen: 0.271 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VU049497.D

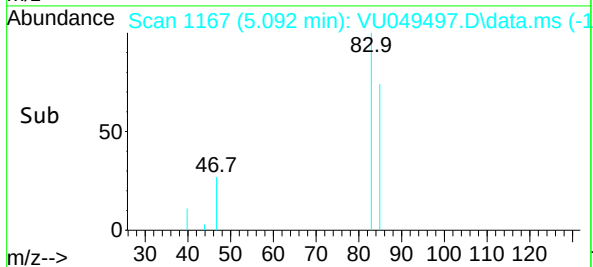
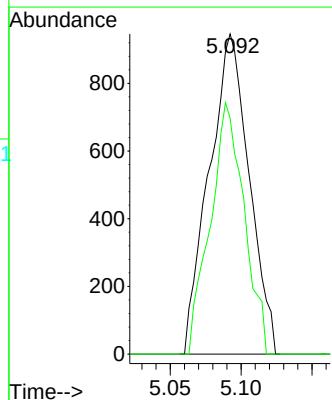
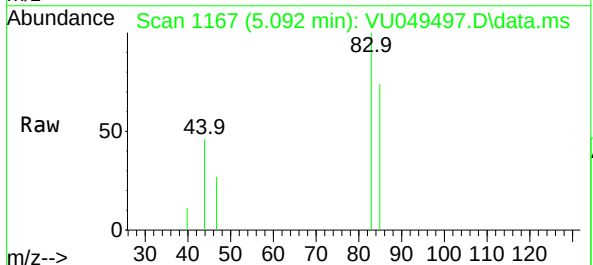
Acq: 29 Jun 2022 06:53

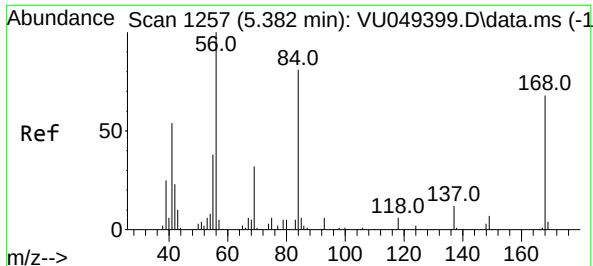
Tgt Ion: 83 Resp: 1859

Ion Ratio Lower Upper

83 100

85 73.7 51.2 76.8

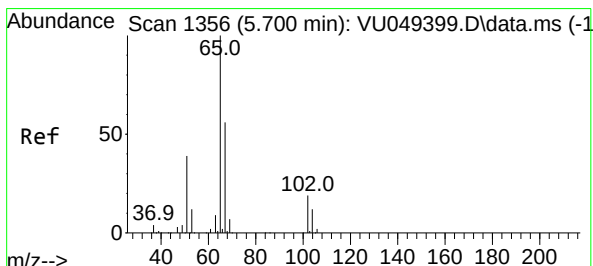
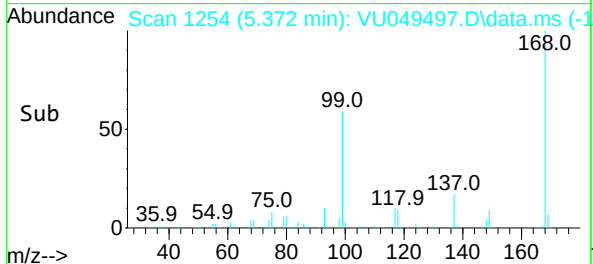
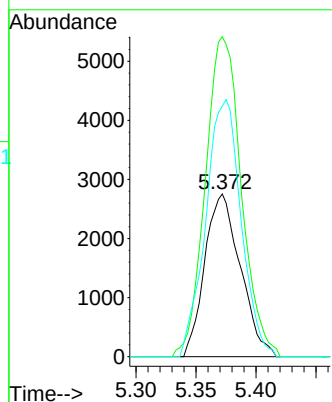
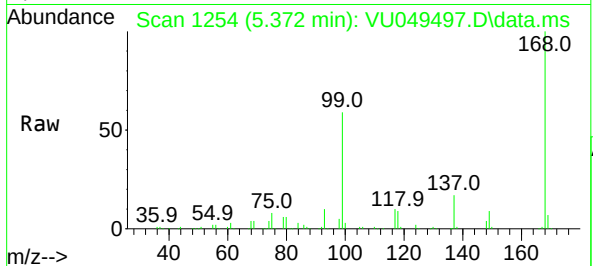




#31
Cyclohexane
Concen: 0.853 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

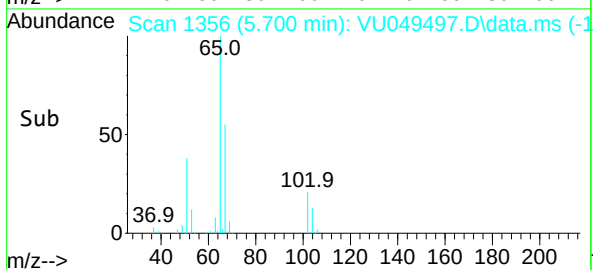
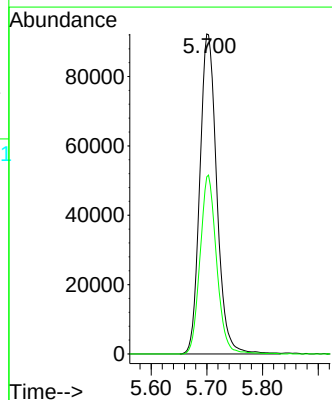
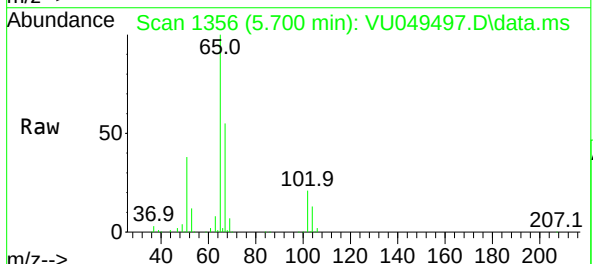
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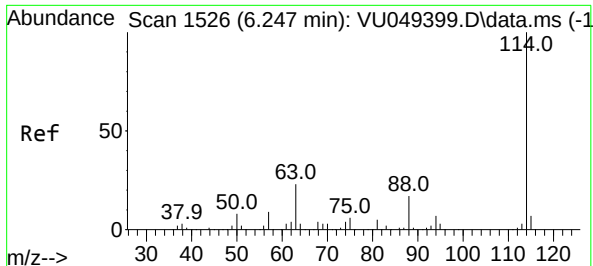
Tgt Ion: 56 Resp: 5688
Ion Ratio Lower Upper
56 100
69 196.7 27.8 41.8#
84 154.0 74.2 111.4#



#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

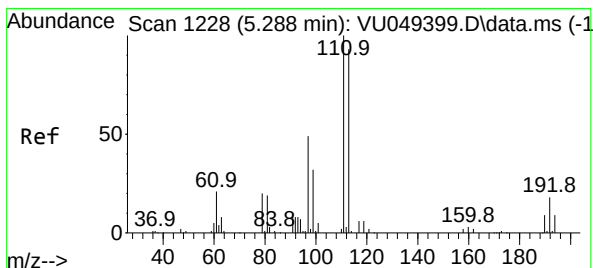
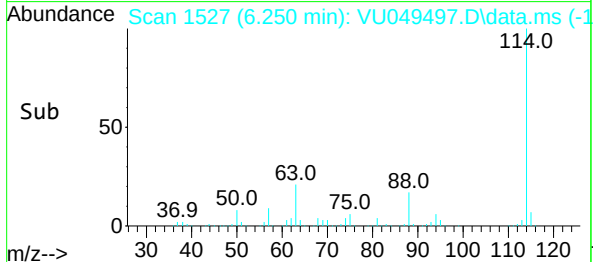
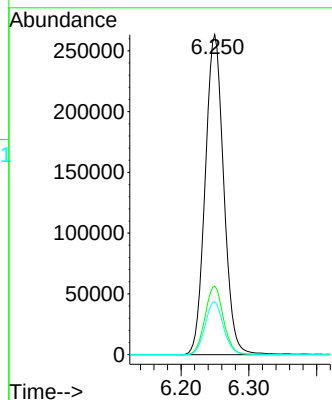
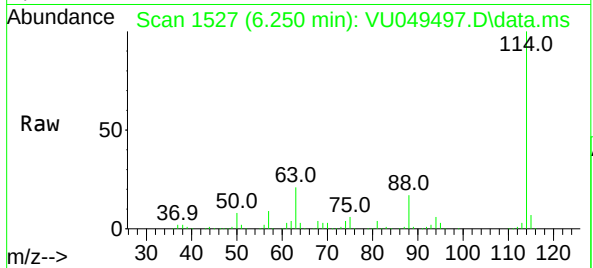




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

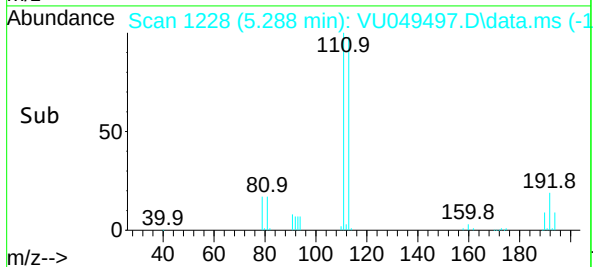
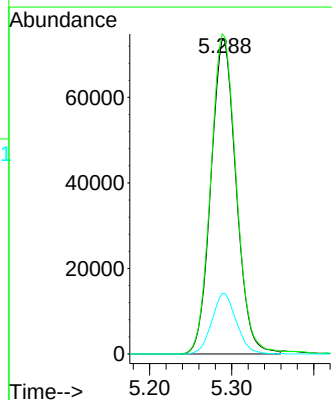
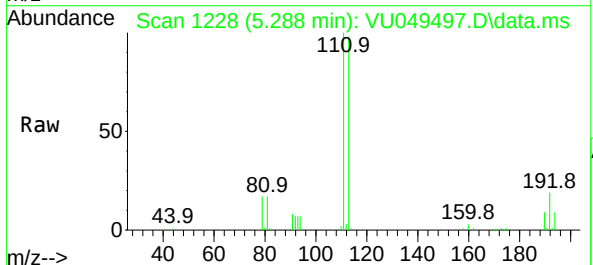
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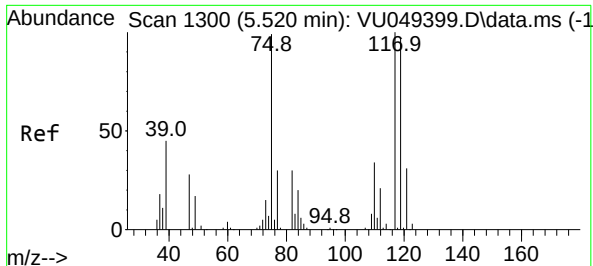
Tgt Ion:114 Resp: 499469
Ion Ratio Lower Upper
114 100
63 21.4 0.0 37.8
88 16.6 0.0 29.2



#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





#36

1,1-Dichloropropene

Concen: 4.525 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.145 min

Lab File: VU049497.D

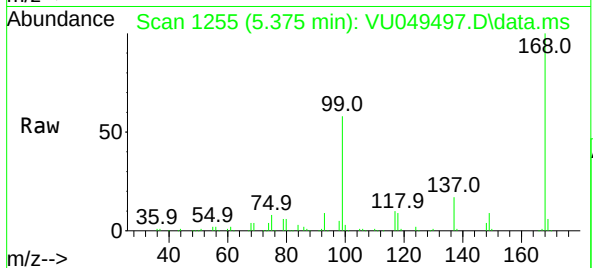
Acq: 29 Jun 2022 06:53

Instrument :

MSVOA_U

ClientSampleId :

MW178I-20220621



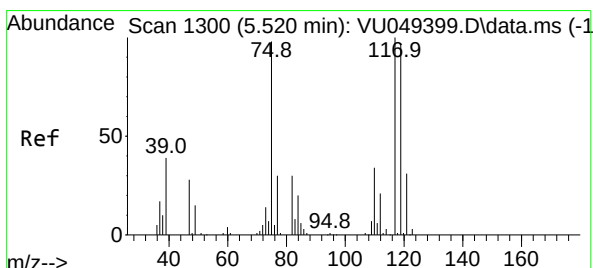
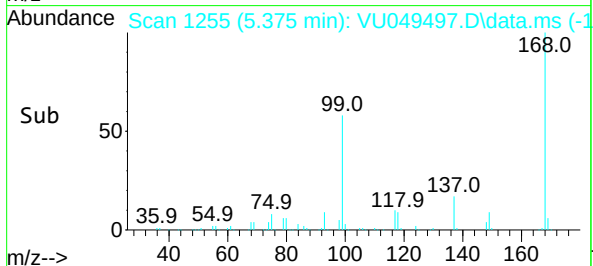
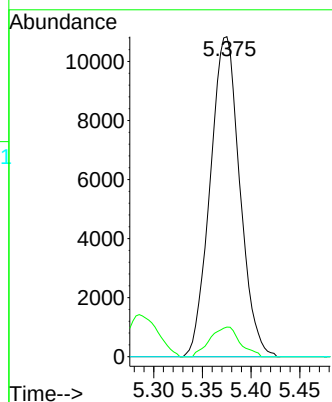
Tgt Ion: 75 Resp: 22929

Ion Ratio Lower Upper

75 100

110 9.3 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.361 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049497.D

Acq: 29 Jun 2022 06:53

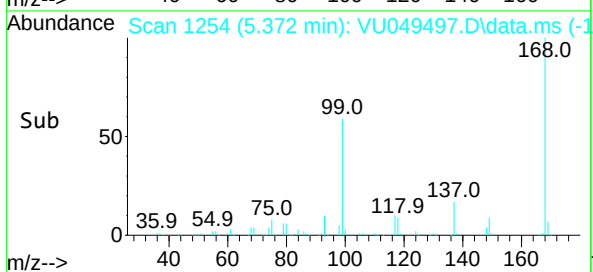
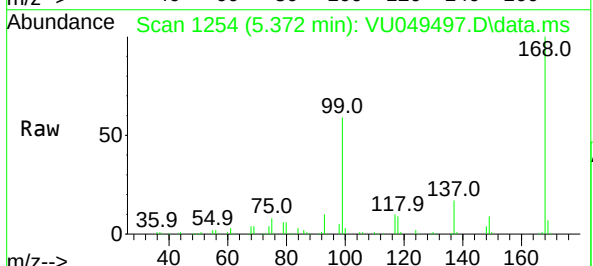
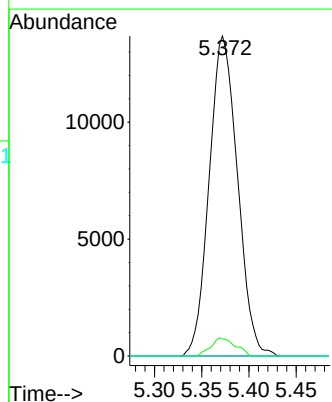
Tgt Ion: 117 Resp: 28487

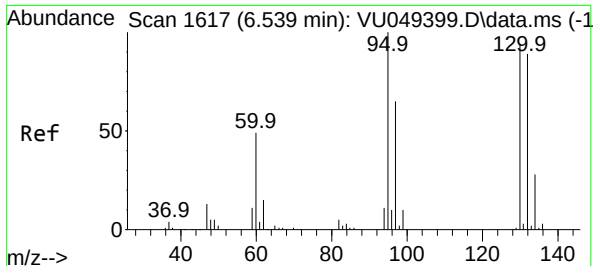
Ion Ratio Lower Upper

117 100

119 5.3 76.8 115.2#

121 0.0 24.7 37.1#

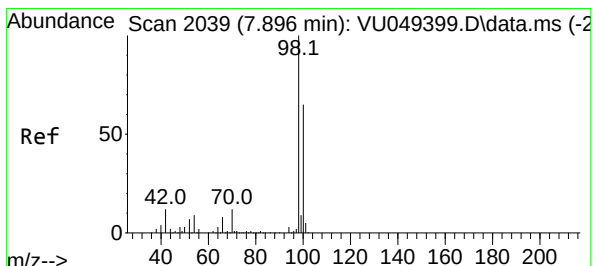
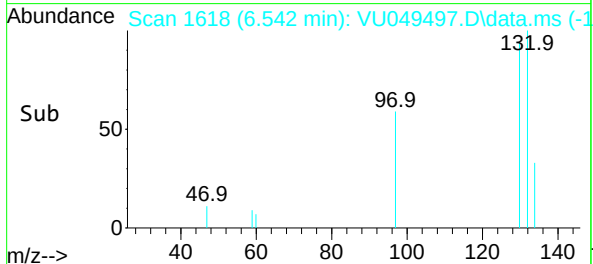
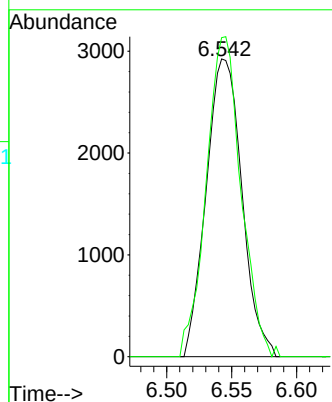
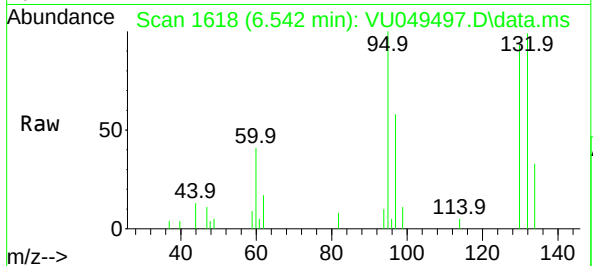




#44
 Trichloroethene
 Concen: 1.538 ug/l
 RT: 6.542 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU049497.D
 Acq: 29 Jun 2022 06:53

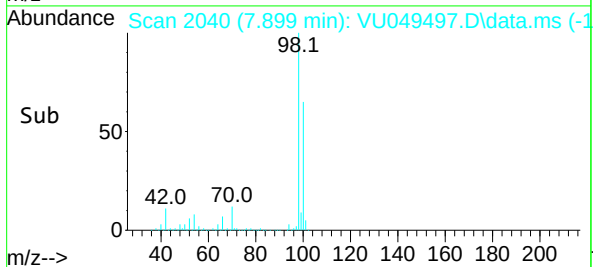
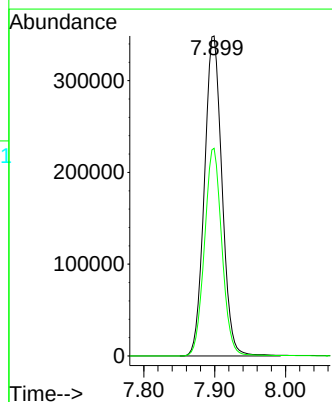
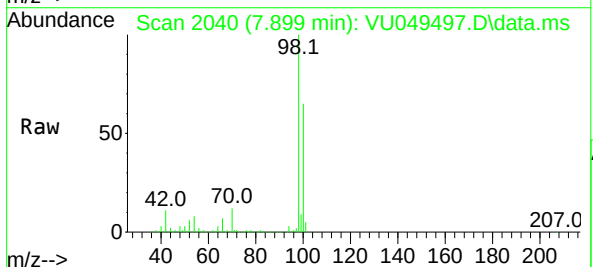
Instrument :
 MSVOA_U
 ClientSampleId :
 MW178I-20220621

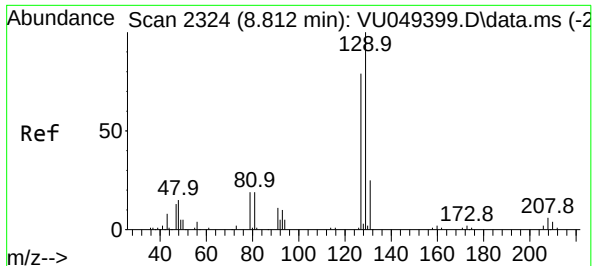
Tgt Ion:130 Resp: 5592
 Ion Ratio Lower Upper
 130 100
 95 107.1 0.0 184.6



#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

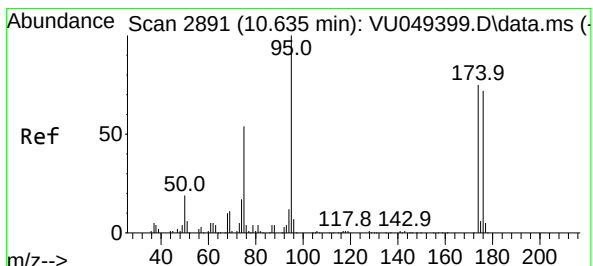
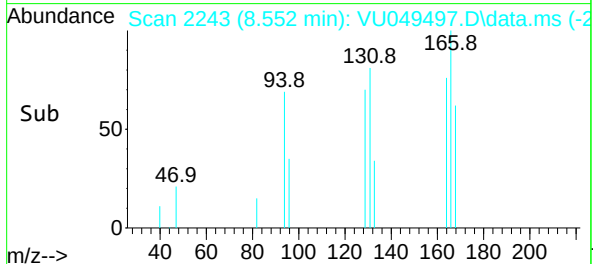
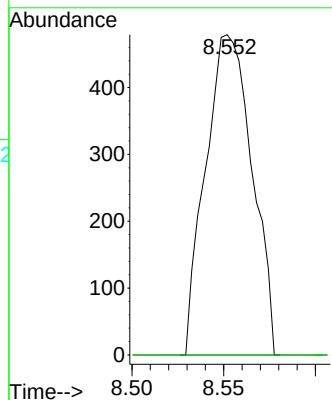
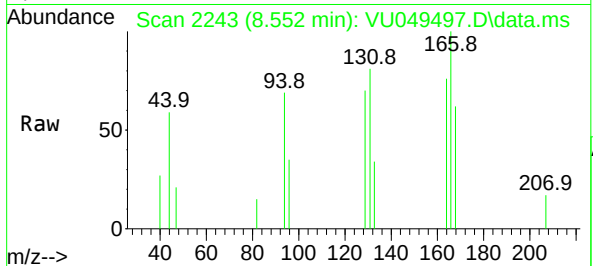




#60
Dibromochloromethane
Concen: 0.216 ug/l
RT: 8.552 min Scan# 21
Delta R.T. -0.261 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

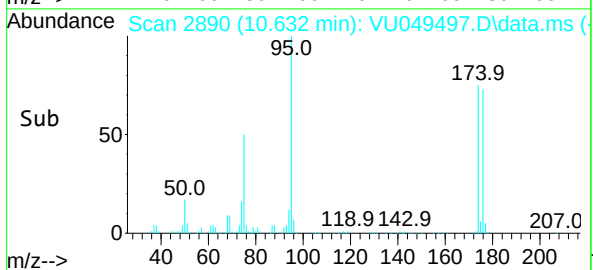
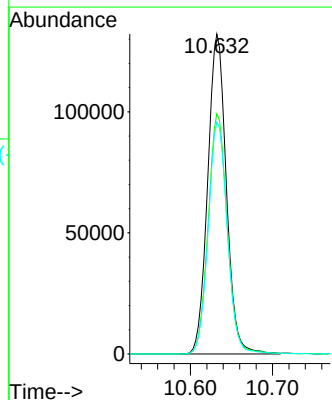
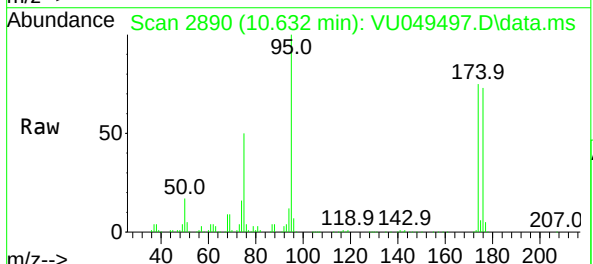
Instrument :
MSVOA_U
ClientSampleId :
MW178I-20220621

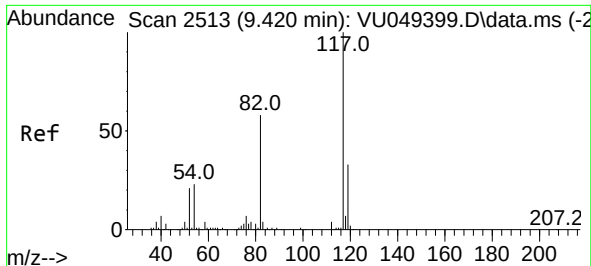
Tgt Ion:129 Resp: 845
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 43.615 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

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

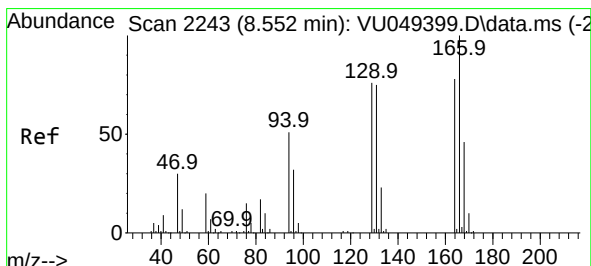
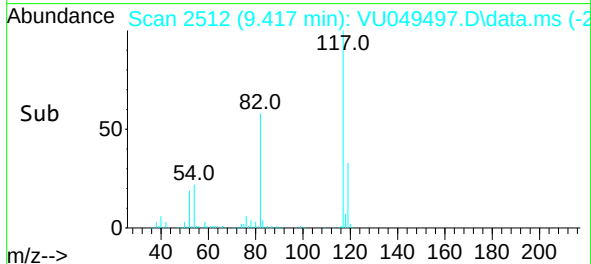
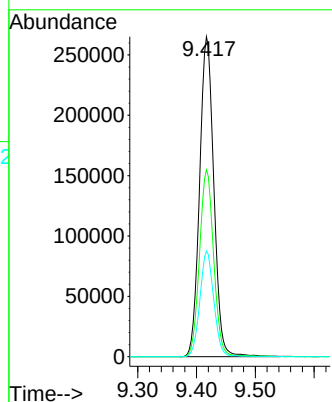
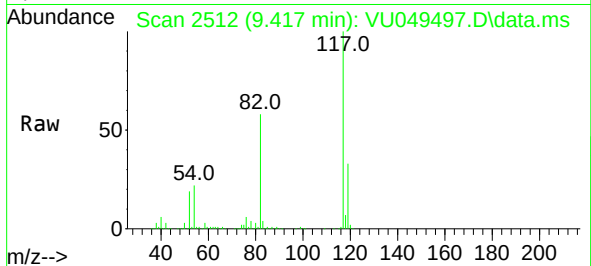




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

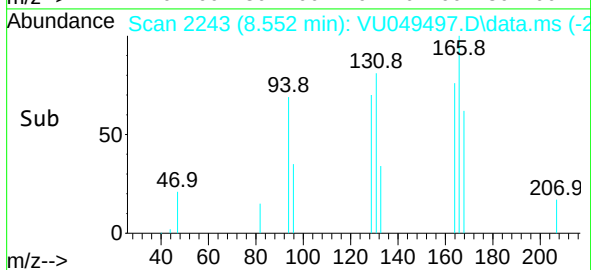
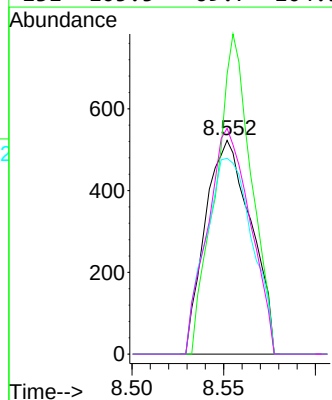
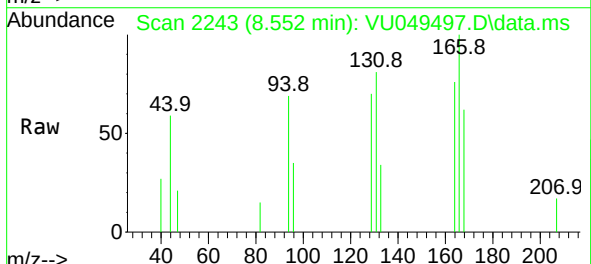
Instrument :
MSVOA_U
ClientSampleId :
MW178I-20220621

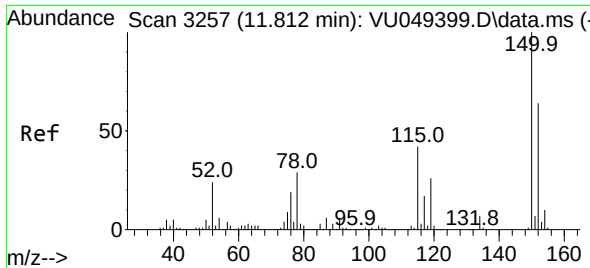
Tgt Ion:117 Resp: 446089
Ion Ratio Lower Upper
117 100
82 58.4 41.7 62.5
119 33.1 25.7 38.5



#64
Tetrachloroethene
Concen: 0.317 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

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#

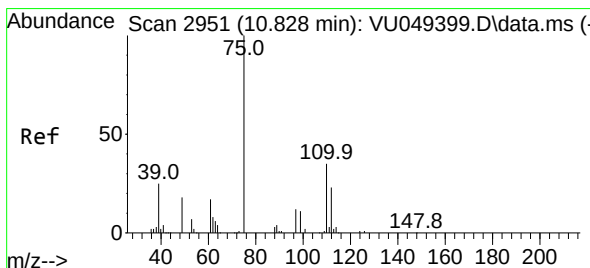
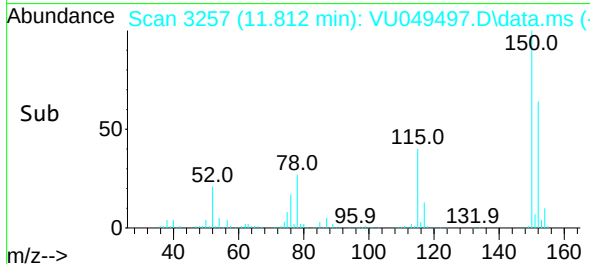
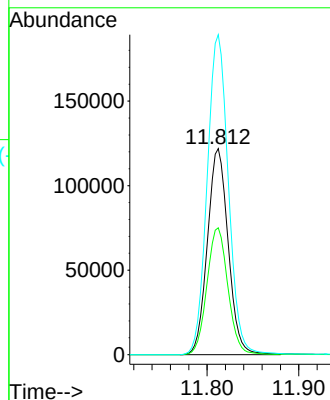
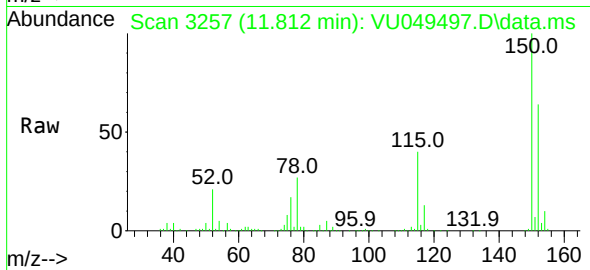




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU049497.D
 Acq: 29 Jun 2022 06:53

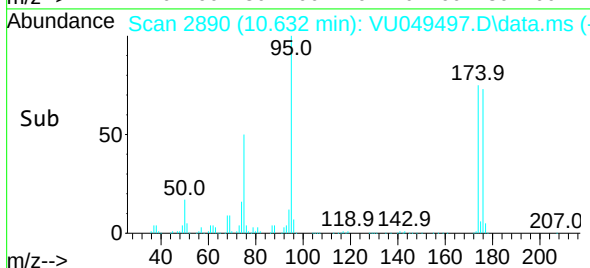
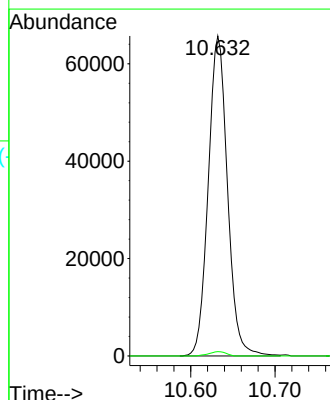
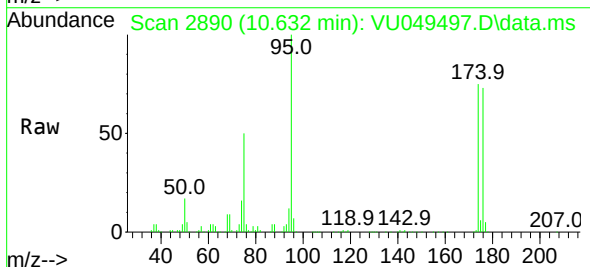
Instrument :
 MSVOA_U
 ClientSampleId :
 MW178I-20220621

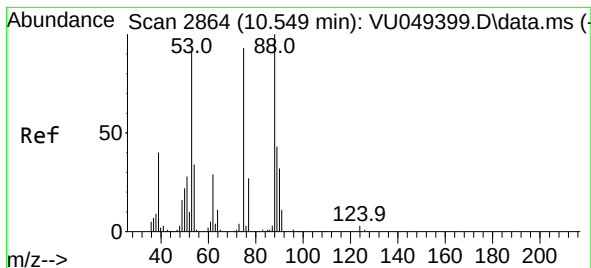
Tgt Ion:152 Resp: 192313
 Ion Ratio Lower Upper
 152 100
 115 62.0 37.0 110.9
 150 158.3 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.994 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049497.D
 Acq: 29 Jun 2022 06:53

Tgt Ion: 75 Resp: 104267
 Ion Ratio Lower Upper
 75 100
 77 1.2 15.8 47.3#

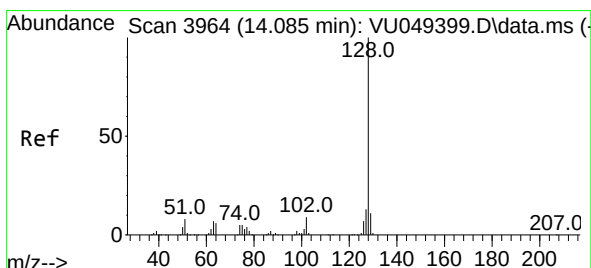
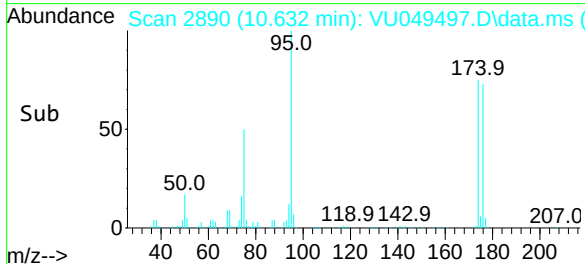
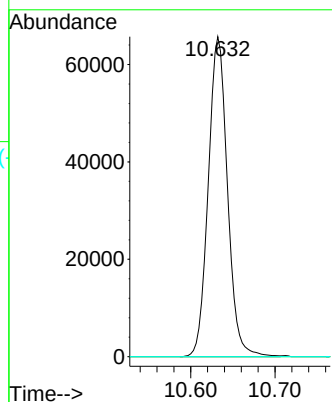
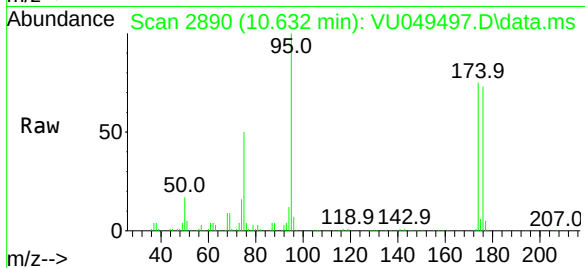




#81
trans-1,4-Dichloro-2-butene
Concen: 59.063 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

Instrument :
MSVOA_U
ClientSampleId :
MW178I-20220621

Tgt Ion: 75 Resp: 104267
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.763 ug/l
RT: 14.111 min Scan# 3972
Delta R.T. 0.026 min
Lab File: VU049497.D
Acq: 29 Jun 2022 06:53

Tgt Ion: 128 Resp: 419
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

