

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)

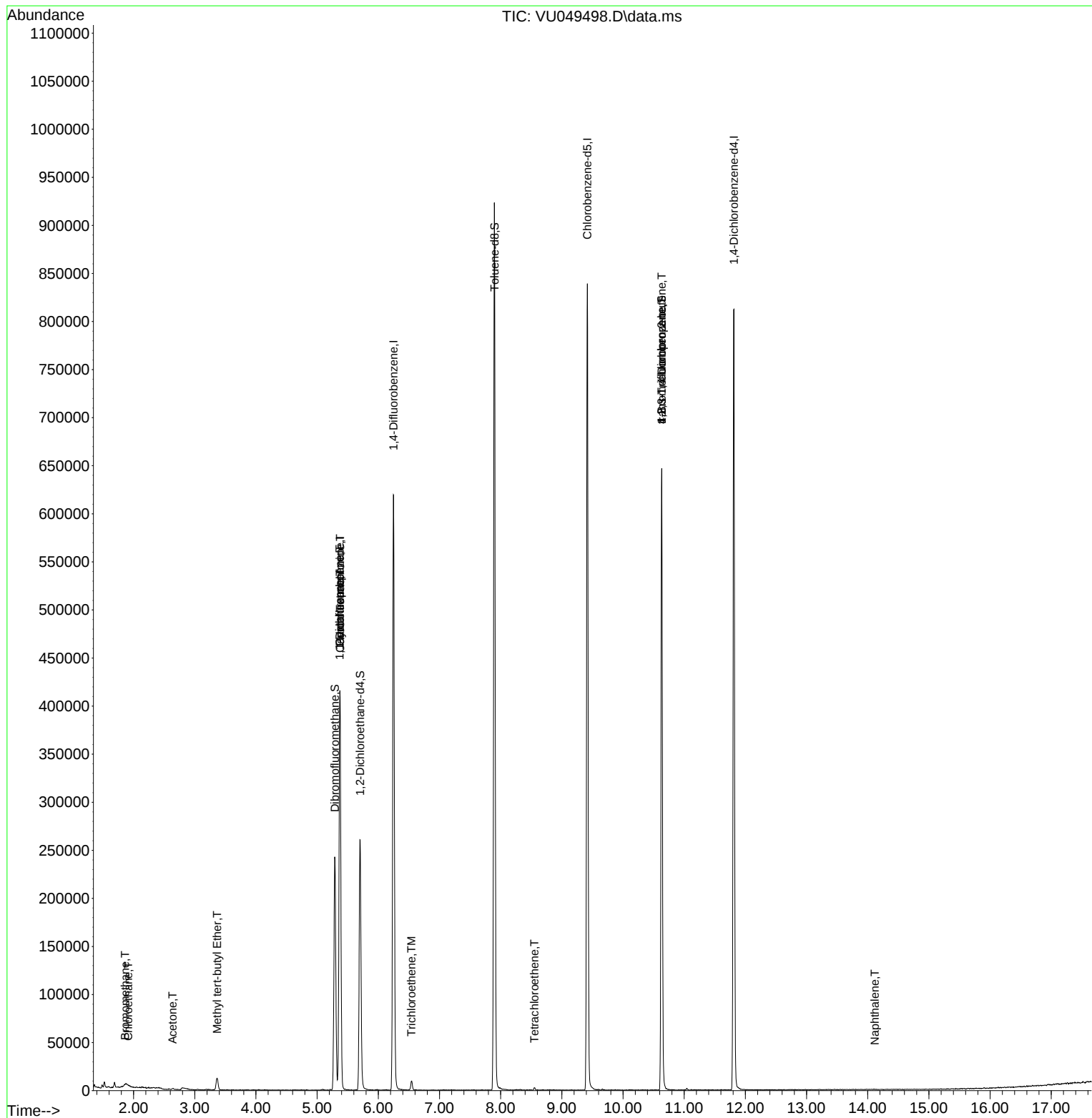
Internal Standards						
1) Pentafluorobenzene	5.372	168	290789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	506167	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	461159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	217590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
3) Chloromethane	1.520	50	4494	Below Cal		91
5) Bromomethane	1.861	94	356	0.243 ug/l #		80
6) Chloroethane	1.912	64	128	1.972 ug/l #		44
16) Acetone	2.639	43	2022	0.895 ug/l		91
19) Methyl tert-butyl Ether	3.366	73	14393	1.225 ug/l		96
20) Methylene Chloride	3.044	84	224	Below Cal #		79
31) Cyclohexane	5.372	56	6052	0.900 ug/l #		1
36) 1,1-Dichloropropene	5.369	75	23335	4.544 ug/l #		48
38) Carbon Tetrachloride	5.375	117	29873	5.547 ug/l #		15
44) Trichloroethene	6.542	130	3590	0.974 ug/l		94
64) Tetrachloroethene	8.552	164	632	0.214 ug/l		96
76) 1,2,3-Trichloropropane	10.632	75	112074	15.194 ug/l #		45
81) trans-1,4-Dichloro-2-b...	10.632	75	112074	56.110 ug/l #		15
95) Naphthalene	14.114	128	413	1.759 ug/l #		69

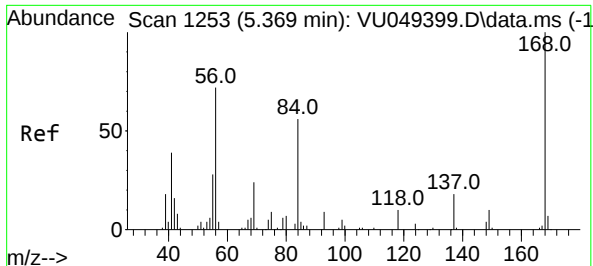
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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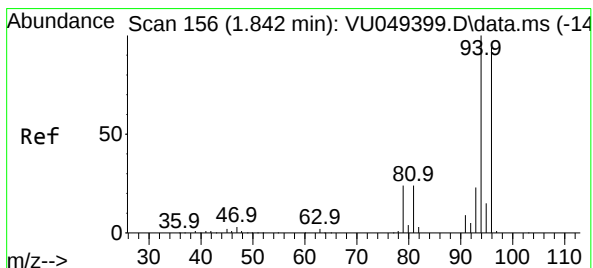
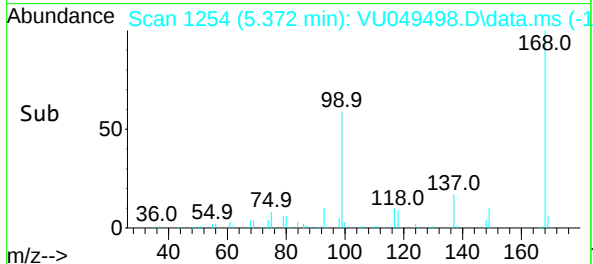
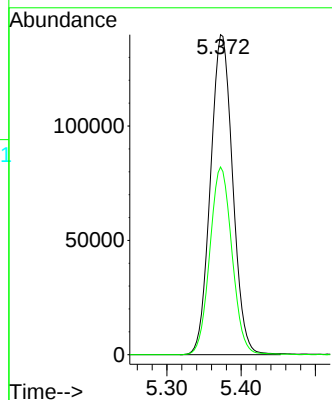
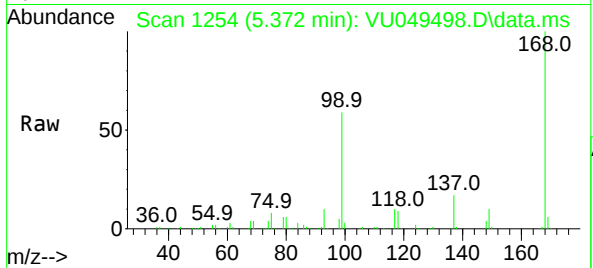




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

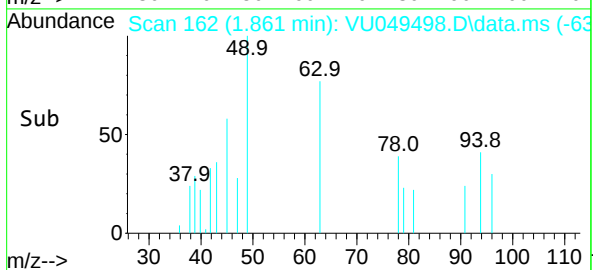
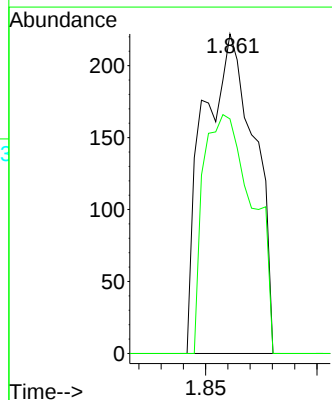
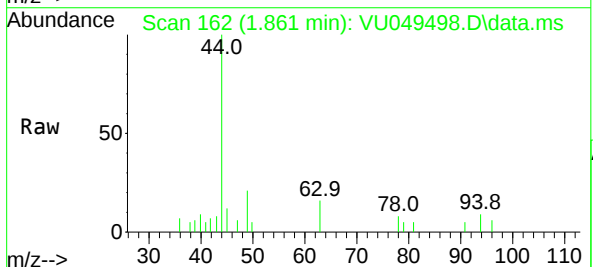
Instrument :
MSVOA_U
ClientSampleId :
MW178S-20220621

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



#5
Bromomethane
Concen: 0.243 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.019 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

Tgt Ion: 94 Resp: 356
Ion Ratio Lower Upper
94 100
96 73.4 73.7 110.5#

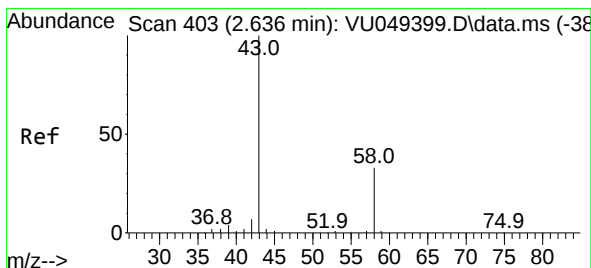
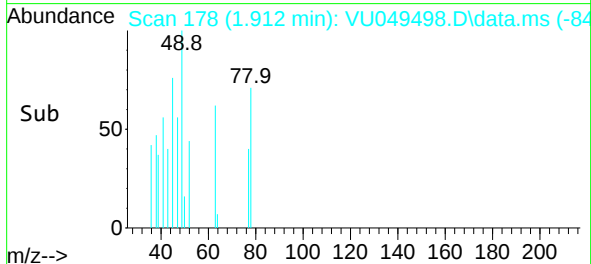
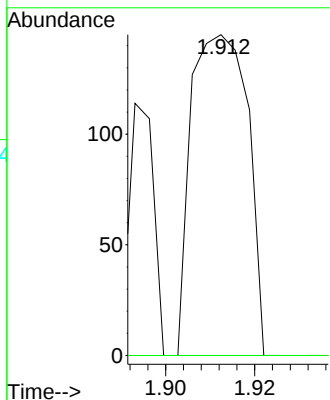
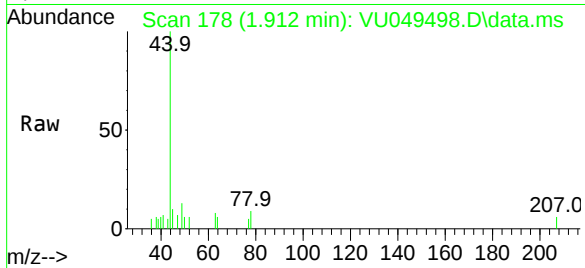




#6
Chloroethane
Concen: 1.972 ug/l
RT: 1.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

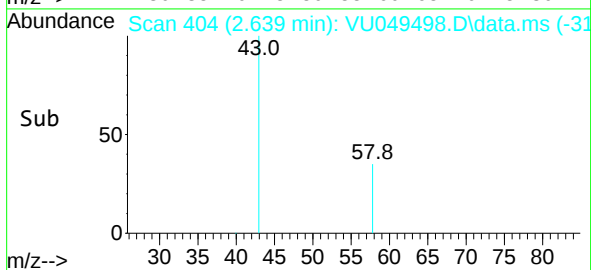
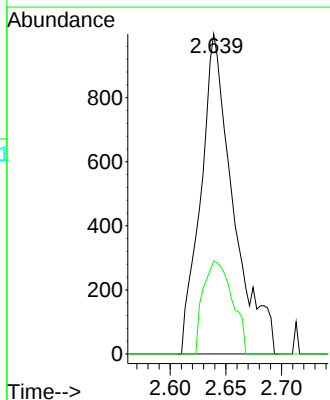
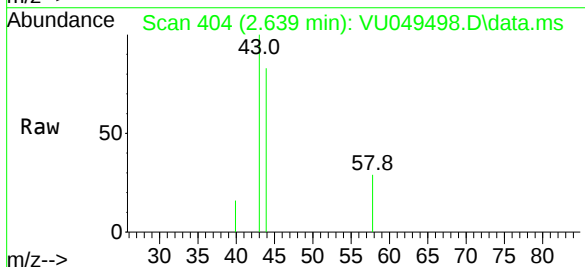
Instrument :
MSVOA_U
ClientSampleId :
MW178S-20220621

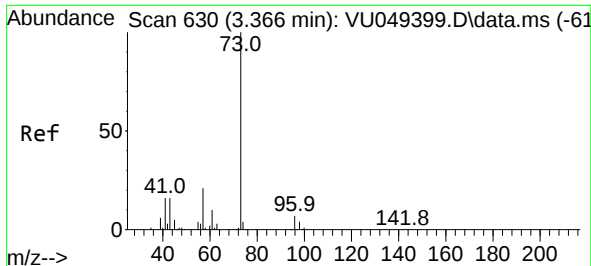
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#16
Acetone
Concen: 0.895 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
58 29.0 27.5 41.3

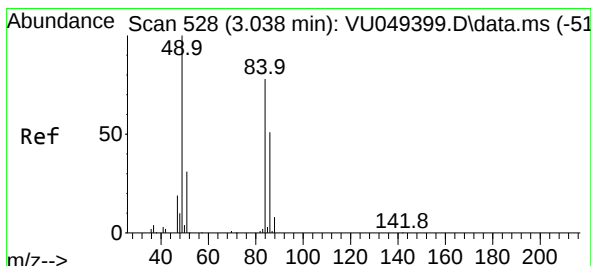
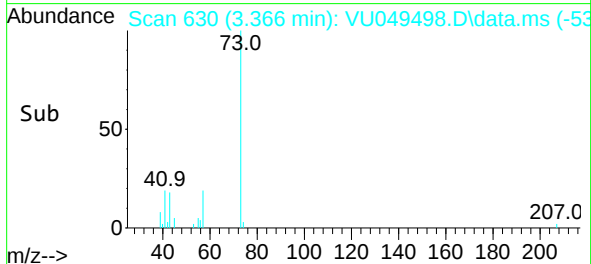
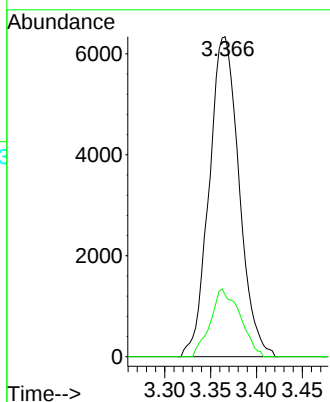
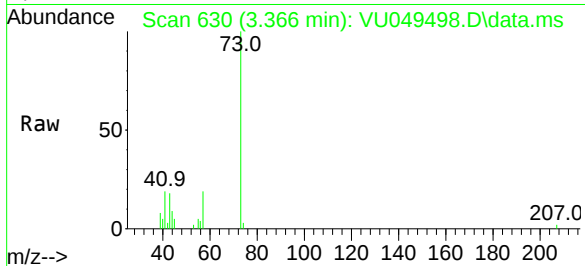




#19
Methyl tert-butyl Ether
Concen: 1.225 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

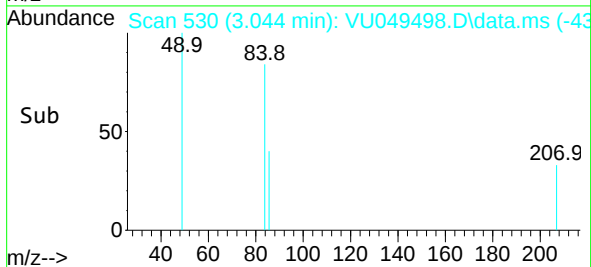
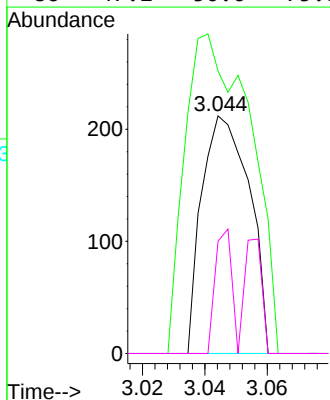
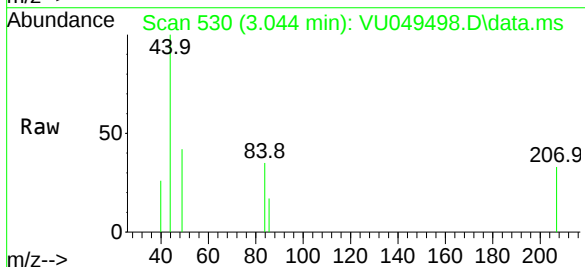
Instrument :
MSVOA_U
ClientSampleId :
MW178S-20220621

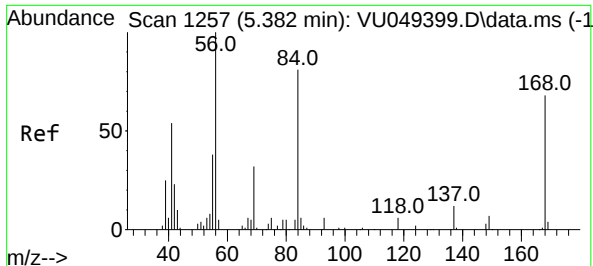
Tgt Ion: 73 Resp: 14393
Ion Ratio Lower Upper
73 100
57 19.4 17.1 25.7



#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 530
Delta R.T. 0.006 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

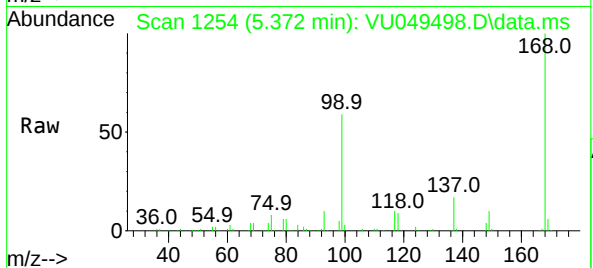
Tgt Ion: 84 Resp: 224
Ion Ratio Lower Upper
84 100
49 118.9 86.6 129.8
51 0.0 26.6 40.0#
86 47.2 50.6 75.8#



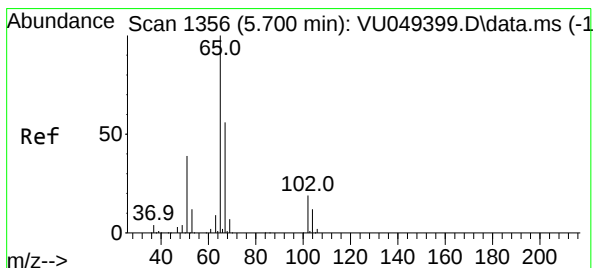
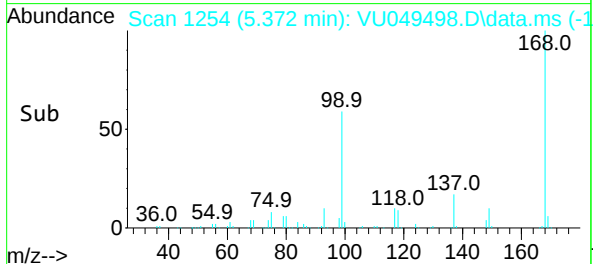
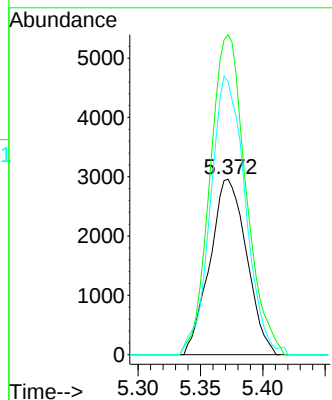


#31
Cyclohexane
Concen: 0.900 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

Instrument :
MSVOA_U
ClientSampleId :
MW178S-20220621

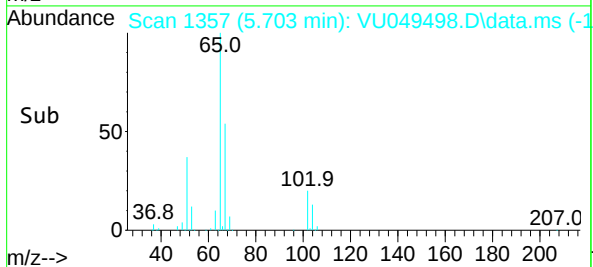
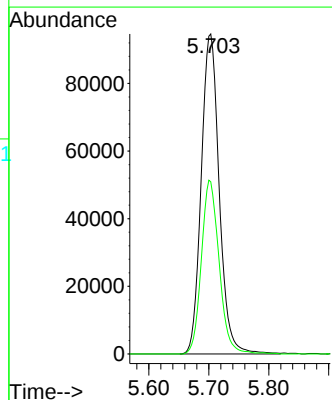
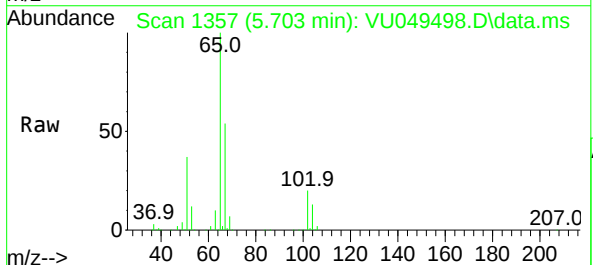


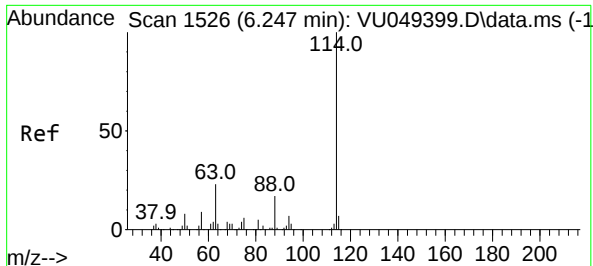
Tgt Ion: 56 Resp: 6052
Ion Ratio Lower Upper
56 100
69 182.3 27.8 41.8#
84 155.6 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 44.201 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

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# 1

Delta R.T. 0.003 min

Lab File: VU049498.D

Acq: 29 Jun 2022 07:16

Instrument :

MSVOA_U

ClientSampleId :

MW178S-20220621

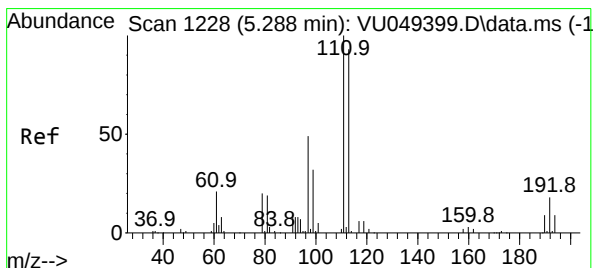
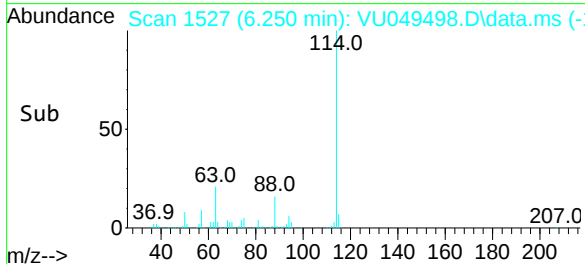
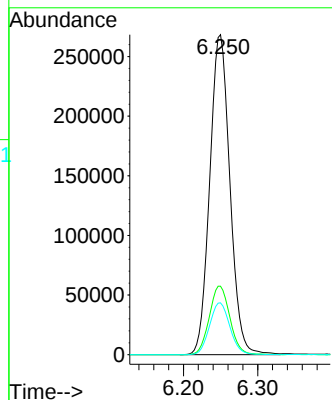
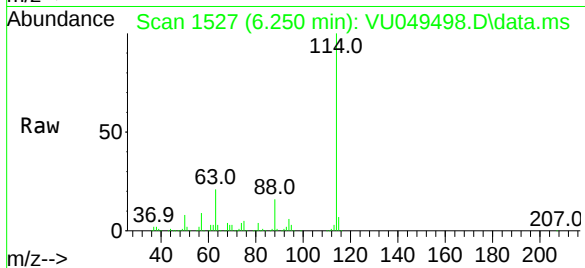
Tgt Ion:114 Resp: 506167

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# 1228

Delta R.T. 0.000 min

Lab File: VU049498.D

Acq: 29 Jun 2022 07:16

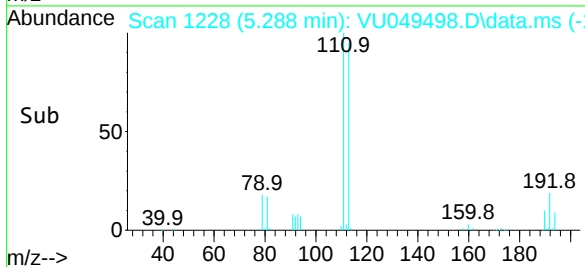
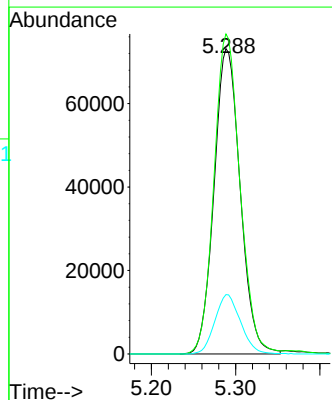
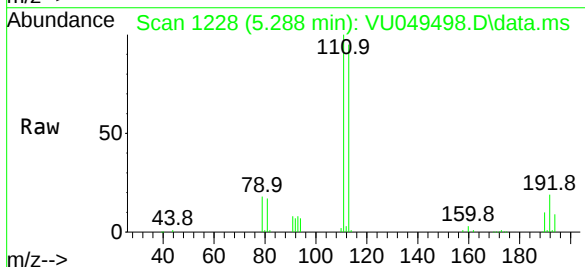
Tgt Ion:113 Resp: 157623

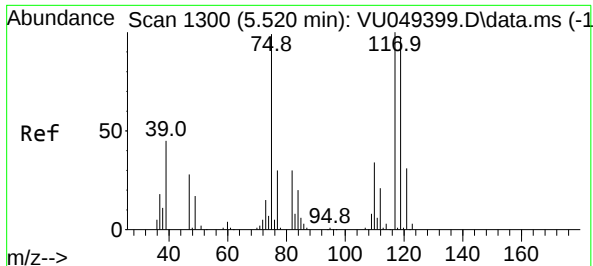
Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

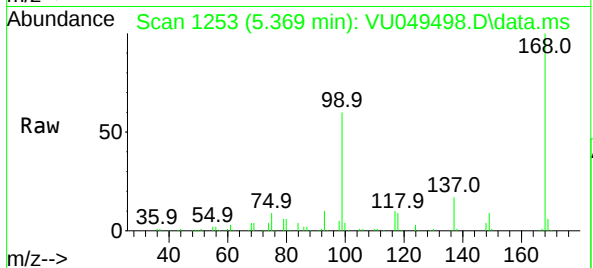
192 19.1 18.0 27.0



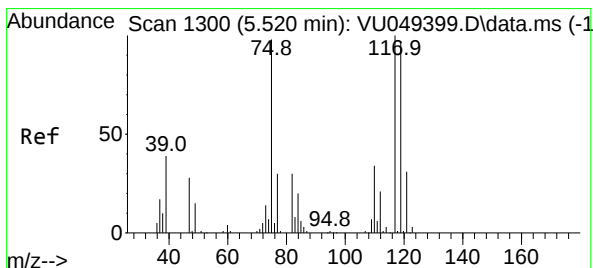
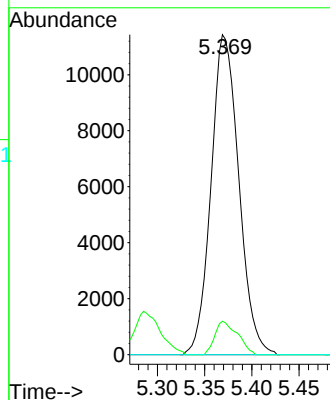
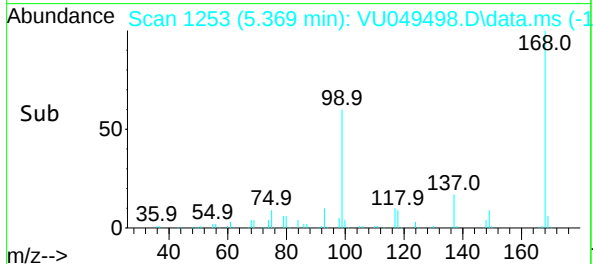


#36
1,1-Dichloropropene
Concen: 4.544 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

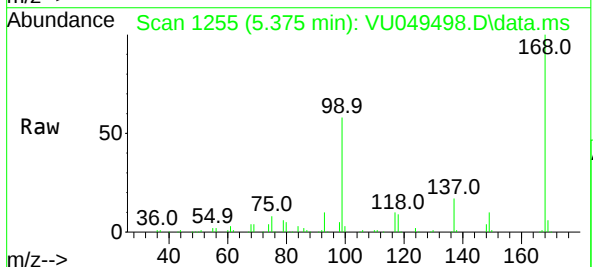
Instrument :
MSVOA_U
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MW178S-20220621



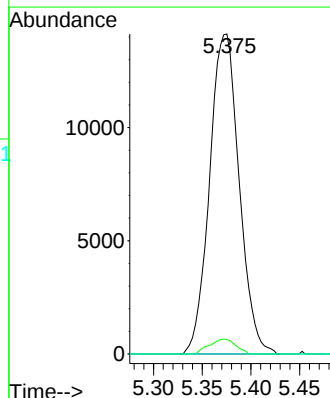
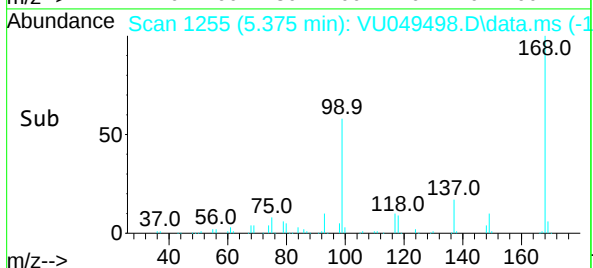
Tgt Ion: 75 Resp: 23335
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 25.1 37.7#

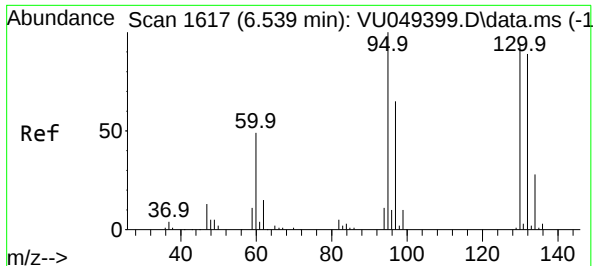


#38
Carbon Tetrachloride
Concen: 5.547 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.145 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16



Tgt Ion: 117 Resp: 29873
Ion Ratio Lower Upper
117 100
119 4.5 76.8 115.2#
121 0.0 24.7 37.1#





#44

Trichloroethene

Concen: 0.974 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049498.D

Acq: 29 Jun 2022 07:16

Instrument :

MSVOA_U

ClientSampleId :

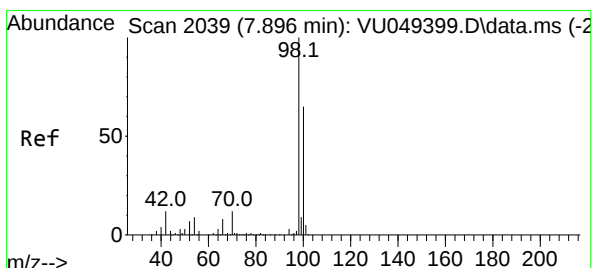
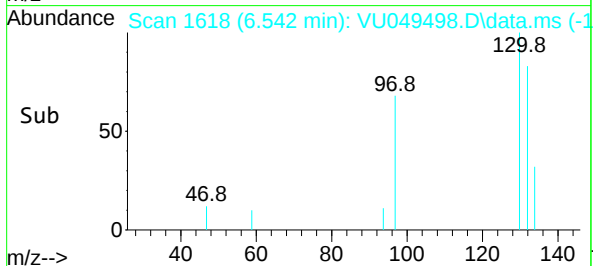
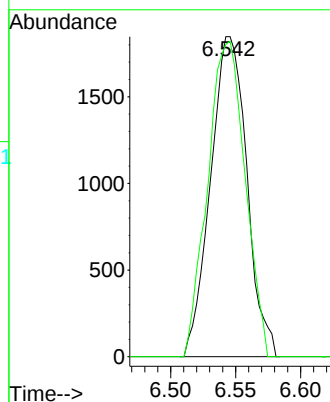
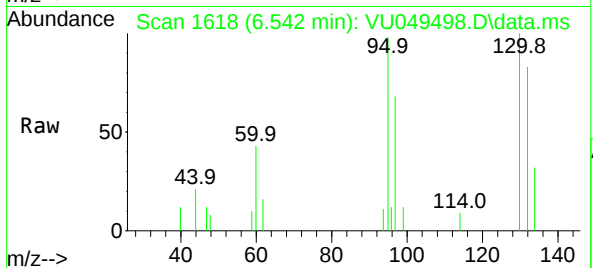
MW178S-20220621

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# 2040

Delta R.T. 0.003 min

Lab File: VU049498.D

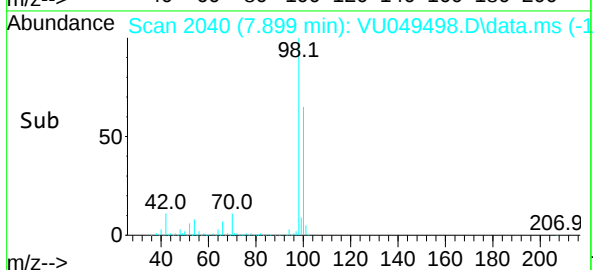
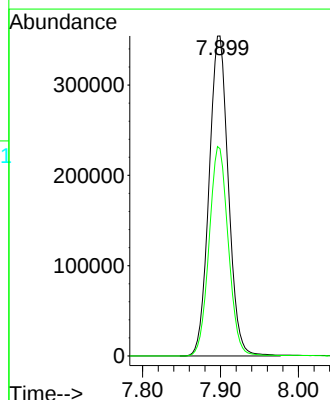
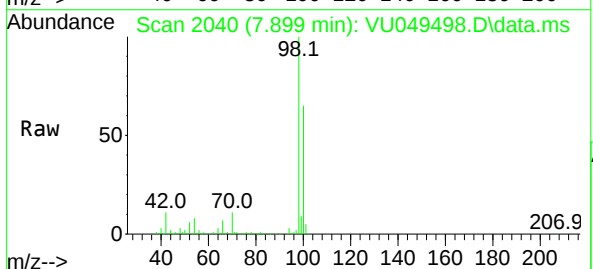
Acq: 29 Jun 2022 07:16

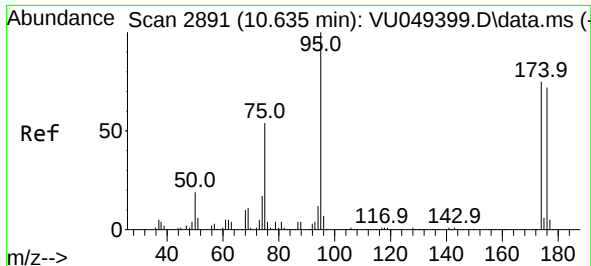
Tgt Ion: 98 Resp: 609443

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5

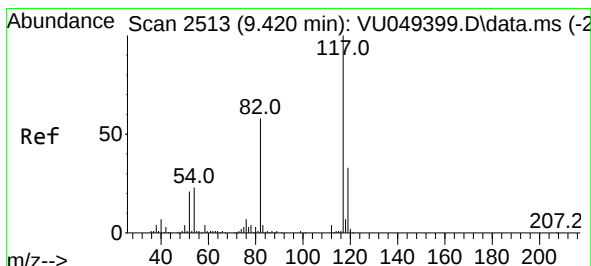
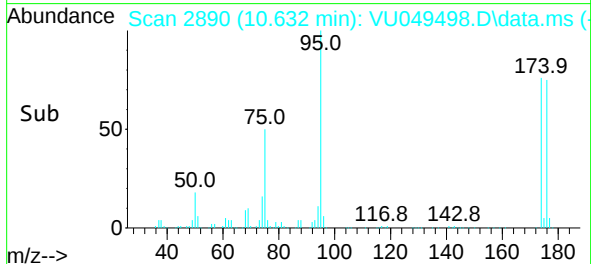
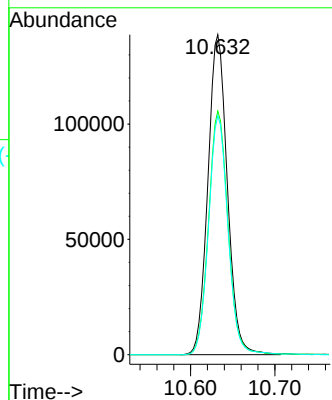
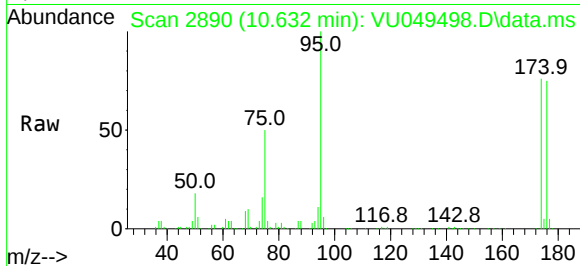




#62
4-Bromofluorobenzene
Concen: 46.065 ug/l
RT: 10.632 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

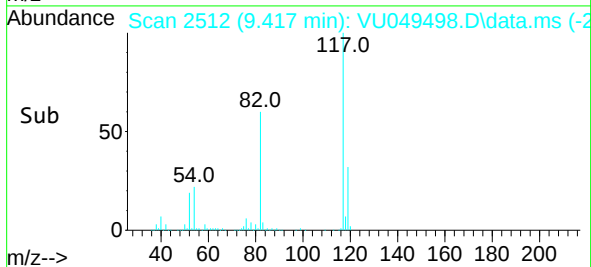
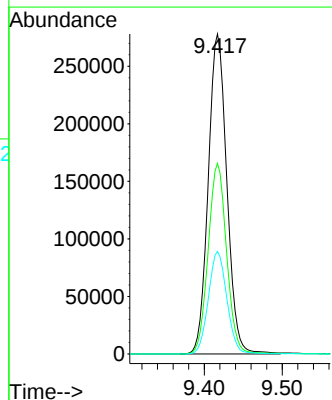
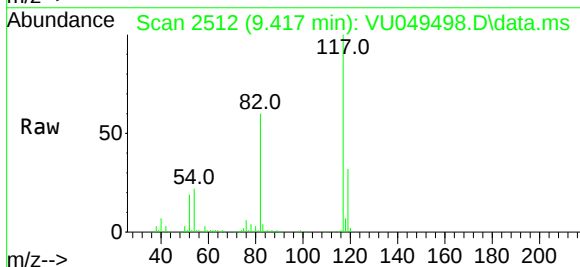
Instrument :
MSVOA_U
ClientSampleId :
MW178S-20220621

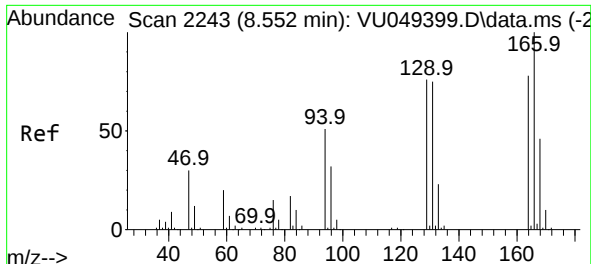
Tgt Ion: 95 Resp: 222882
Ion Ratio Lower Upper
95 100
174 76.4 0.0 182.0
176 74.4 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

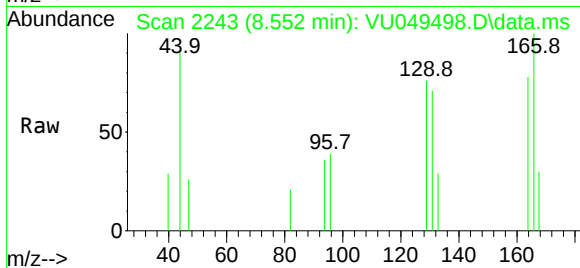
Tgt Ion: 117 Resp: 461159
Ion Ratio Lower Upper
117 100
82 59.5 41.7 62.5
119 32.1 25.7 38.5



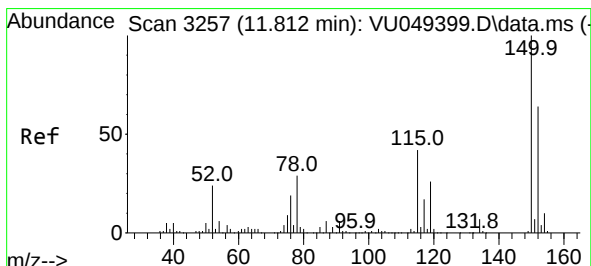
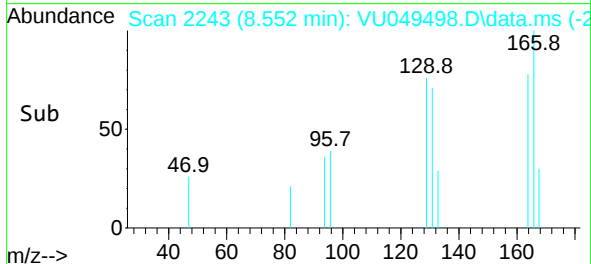
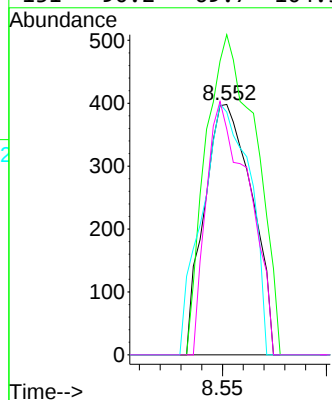


#64
Tetrachloroethene
Concen: 0.214 ug/l
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

Instrument :
MSVOA_U
ClientSampleId :
MW178S-20220621

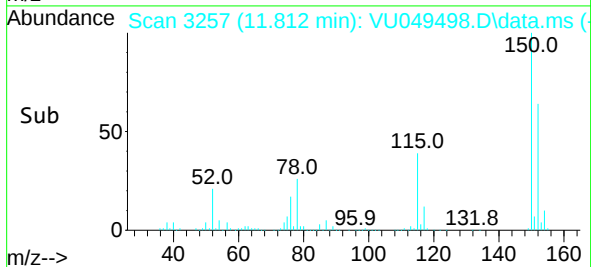
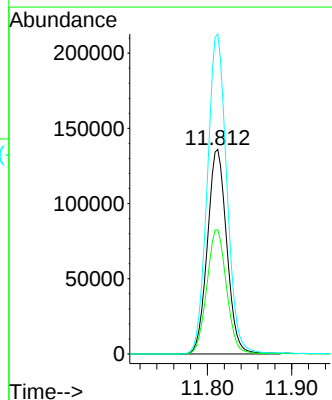
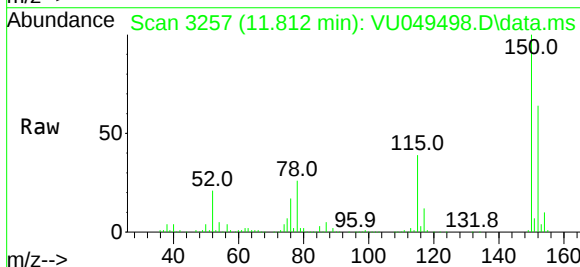


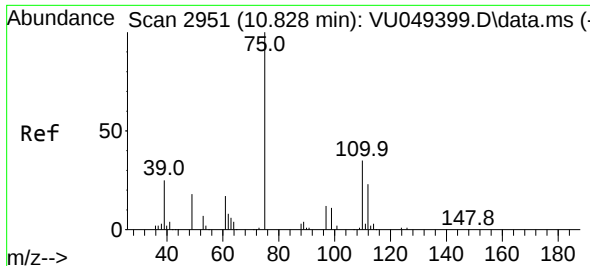
Tgt Ion:164 Resp: 632
Ion Ratio Lower Upper
164 100
166 127.9 100.0 150.0
129 97.0 72.0 108.0
131 90.2 69.7 104.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

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

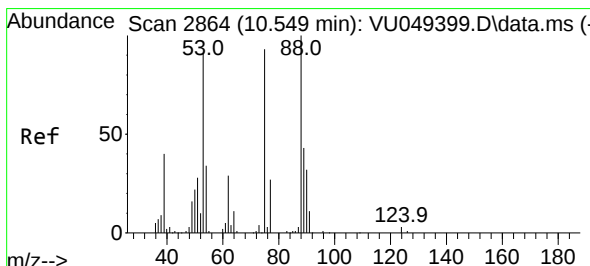
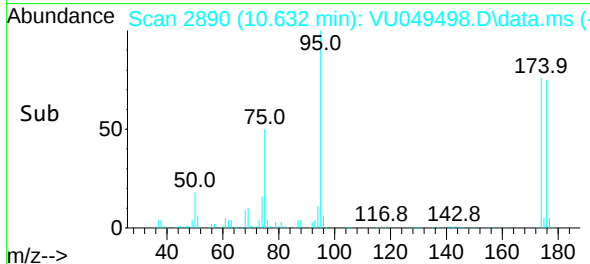
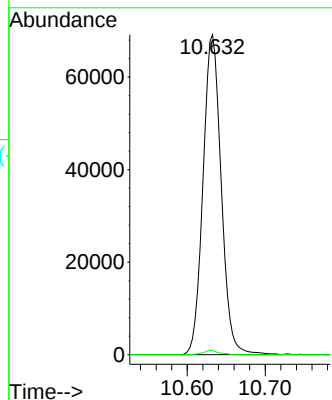
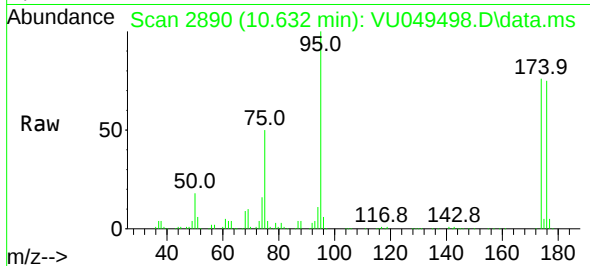




#76
1,2,3-Trichloropropane
Concen: 15.194 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

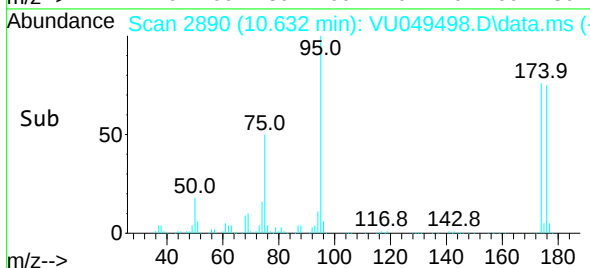
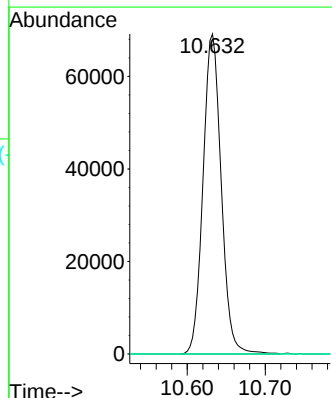
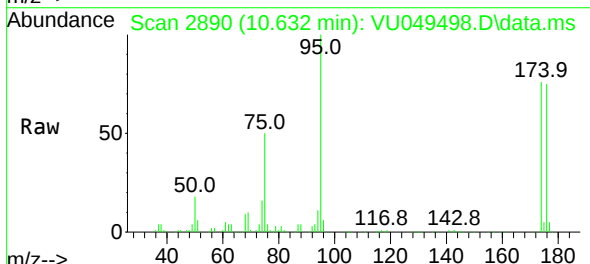
Instrument :
MSVOA_U
ClientSampleId :
MW178S-20220621

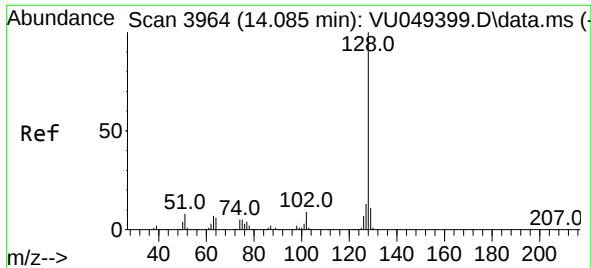
Tgt Ion: 75 Resp: 112074
Ion Ratio Lower Upper
75 100
77 1.2 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.110 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049498.D
Acq: 29 Jun 2022 07:16

Tgt Ion: 75 Resp: 112074
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 1.759 ug/l

RT: 14.114 min Scan# 39

Delta R.T. 0.029 min

Lab File: VU049498.D

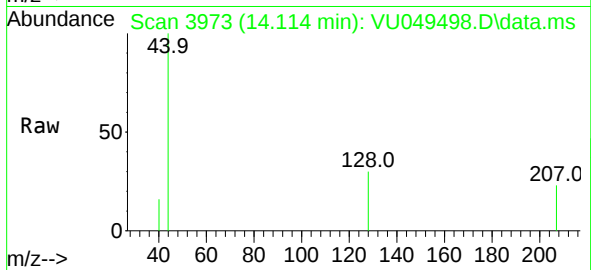
Acq: 29 Jun 2022 07:16

Instrument :

MSVOA_U

ClientSampleId :

MW178S-20220621



Tgt Ion:128 Resp: 413

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

