

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054862.D
 Acq On : 24 Jul 2023 16:17
 Operator : MD/SY
 Sample : 03587-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Quant Time: Jul 25 05:15:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jul 25 05:02:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

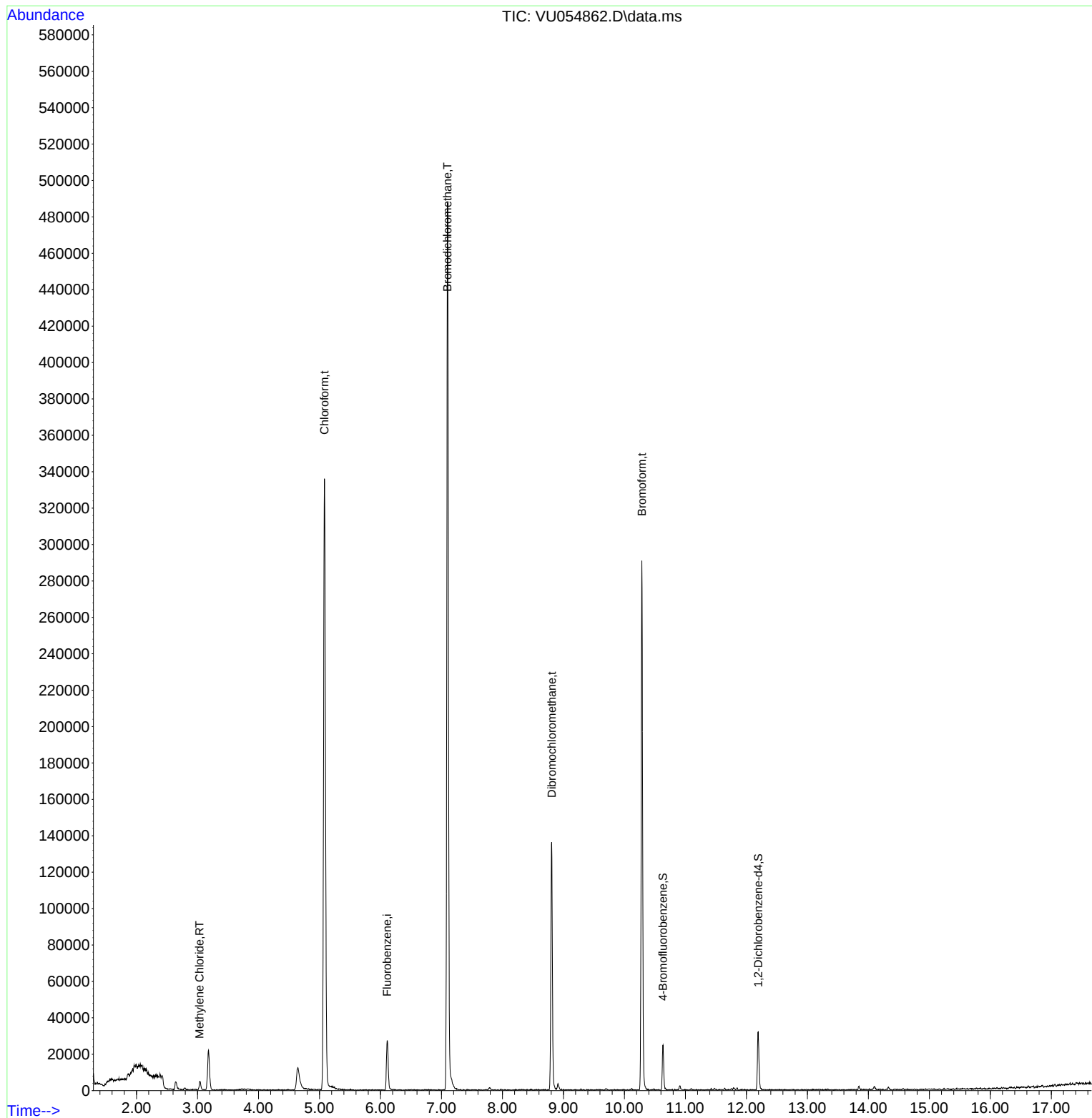
Internal Standards						
1) Fluorobenzene	6.110	96	27488	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7681	0.925	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8167	0.850	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
						Qvalue
15) Methylene Chloride	3.033	84	2415	0.274	ug/l	# 77
27) Chloroform	5.081	83	292616	23.948	ug/l	95
44) Bromodichloromethane	7.100	83	304732	34.897	ug/l	# 98
55) Dibromochloromethane	8.807	129	68075	11.848	ug/l	98
67) Bromoform	10.287	173	122027	39.414	ug/l	99

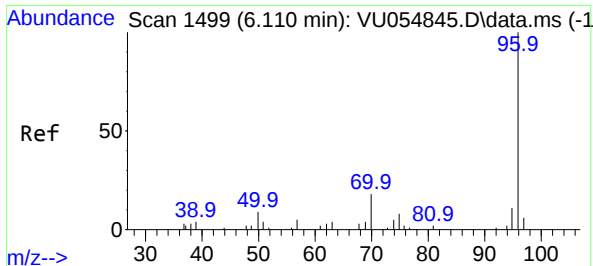
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.110 min Scan# 14

Delta R.T. -0.000 min

Lab File: VU054862.D

Acq: 24 Jul 2023 16:17

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

Tgt Ion: 96 Resp: 27488

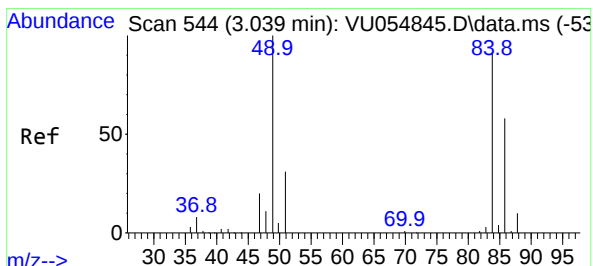
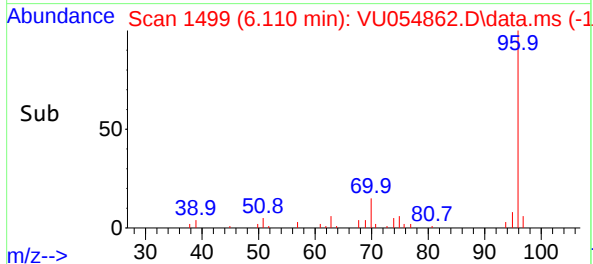
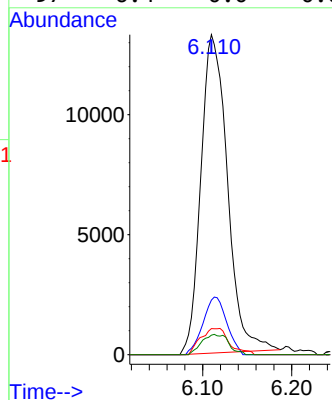
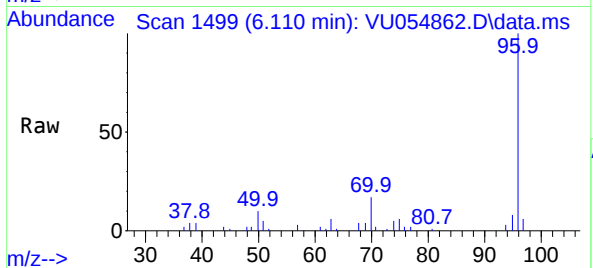
Ion Ratio Lower Upper

96 100

70 16.2 14.0 21.0

95 8.9 8.7 13.1

97 6.4 0.0 0.0#



#15

Methylene Chloride

Concen: 0.274 ug/l

RT: 3.033 min Scan# 542

Delta R.T. -0.006 min

Lab File: VU054862.D

Acq: 24 Jul 2023 16:17

Tgt Ion: 84 Resp: 2415

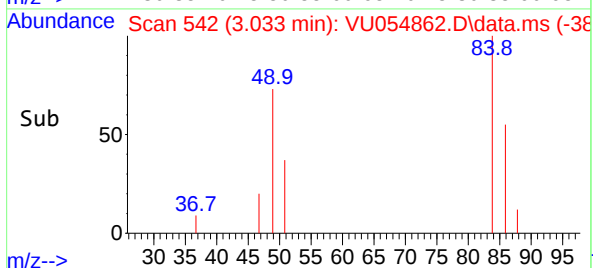
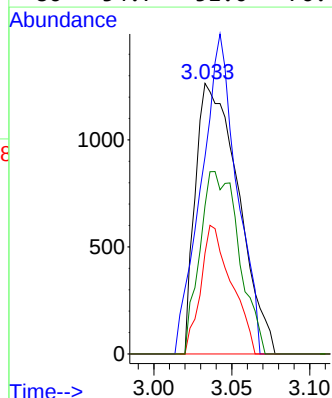
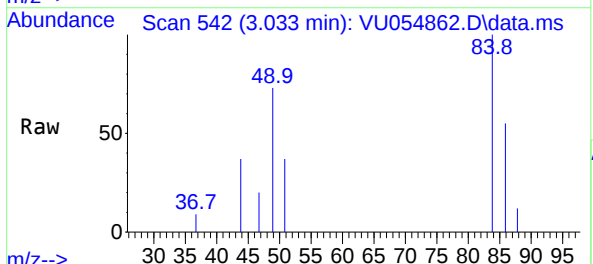
Ion Ratio Lower Upper

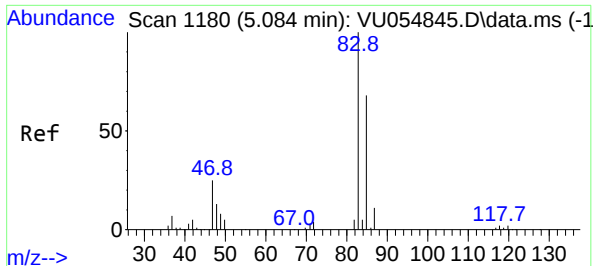
84 100

49 72.9 87.8 131.6#

51 37.3 0.0 68.2

86 54.7 51.0 76.4





#27

Chloroform

Concen: 23.948 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU054862.D

Acq: 24 Jul 2023 16:17

Instrument :

MSVOA_U

ClientSampleId :

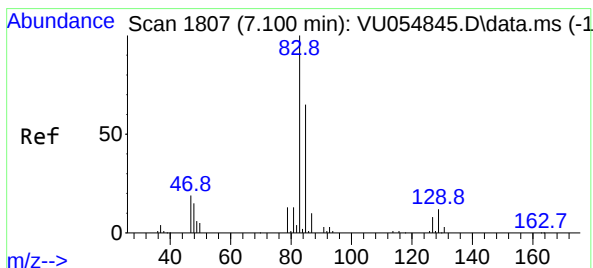
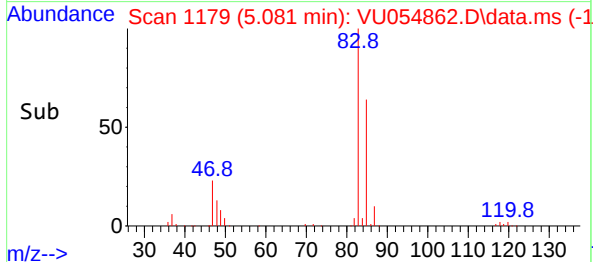
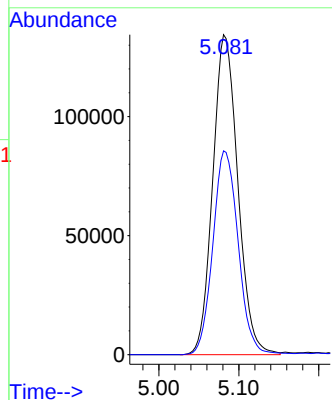
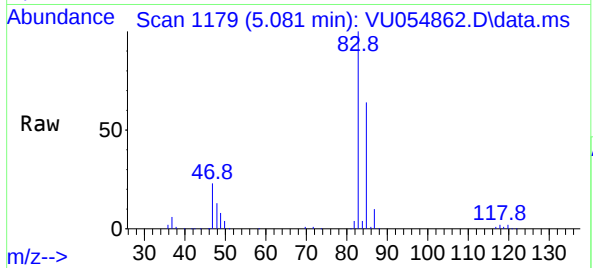
PT-THM-WS

Tgt Ion: 83 Resp: 292616

Ion Ratio Lower Upper

83 100

85 63.7 0.0 135.2



#44

Bromodichloromethane

Concen: 34.897 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU054862.D

Acq: 24 Jul 2023 16:17

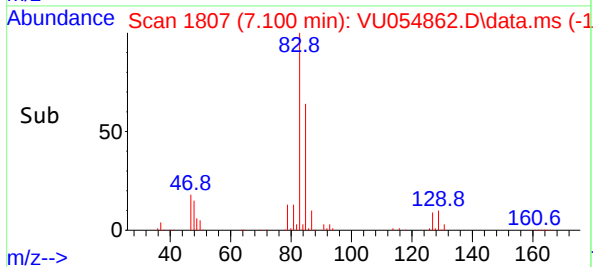
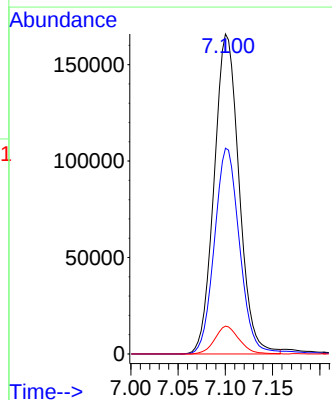
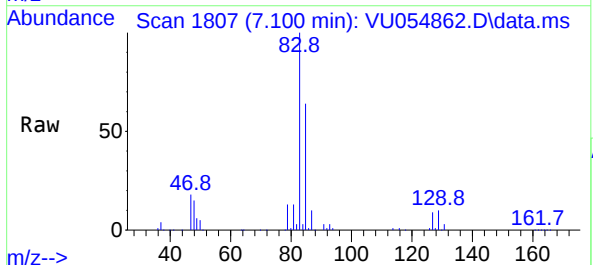
Tgt Ion: 83 Resp: 304732

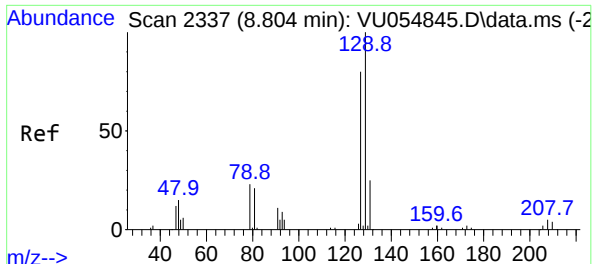
Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2

127 9.6 6.1 9.1#





#55

Dibromochloromethane

Concen: 11.848 ug/l

RT: 8.807 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054862.D

Acq: 24 Jul 2023 16:17

Instrument :

MSVOA_U

ClientSampleId :

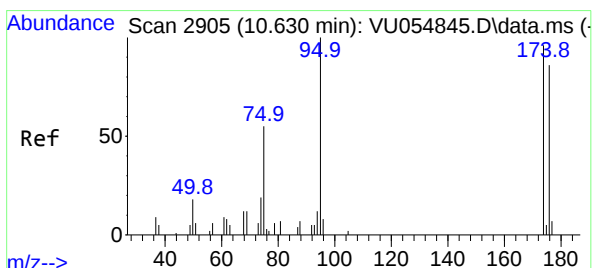
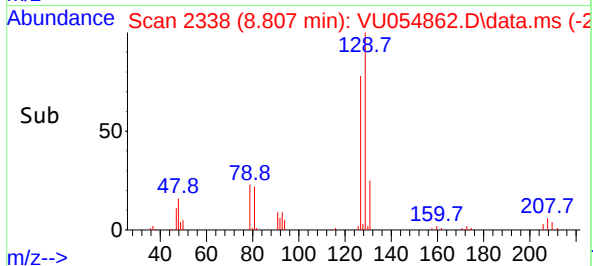
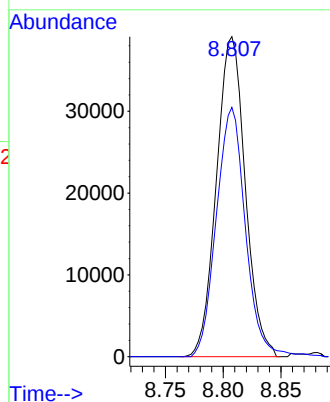
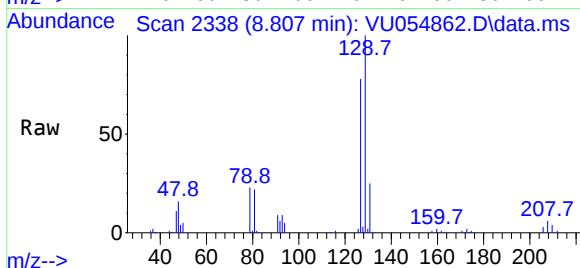
PT-THM-WS

Tgt Ion:129 Resp: 68075

Ion Ratio Lower Upper

129 100

127 78.2 61.4 92.0



#57

4-Bromofluorobenzene

Concen: 0.925 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.000 min

Lab File: VU054862.D

Acq: 24 Jul 2023 16:17

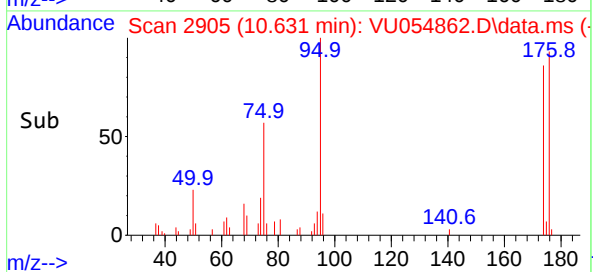
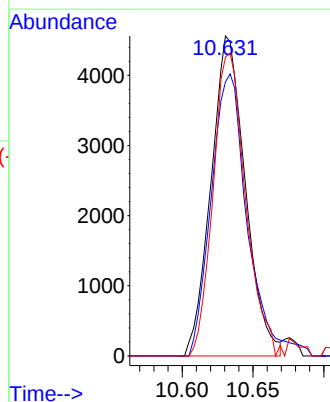
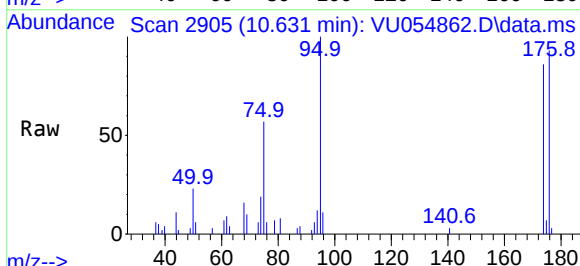
Tgt Ion: 95 Resp: 7681

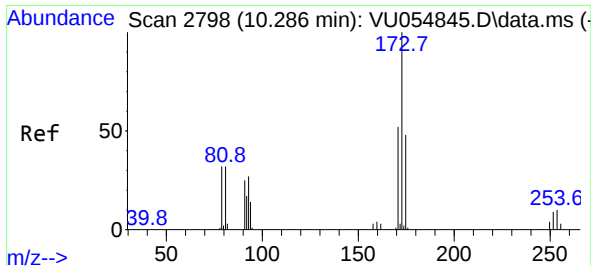
Ion Ratio Lower Upper

95 100

174 92.9 79.3 118.9

176 89.8 71.5 107.3

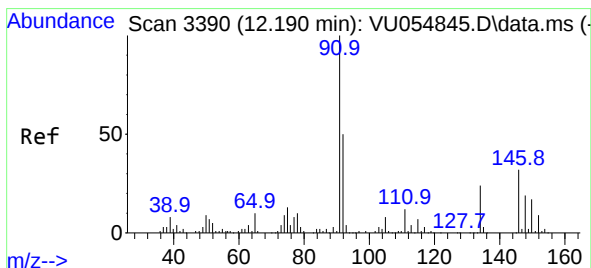
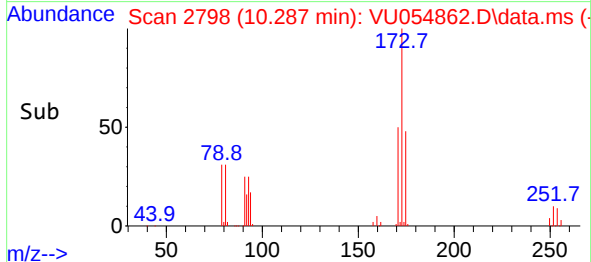
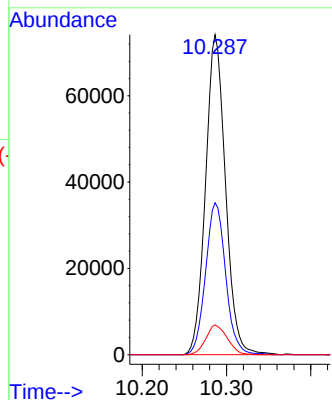
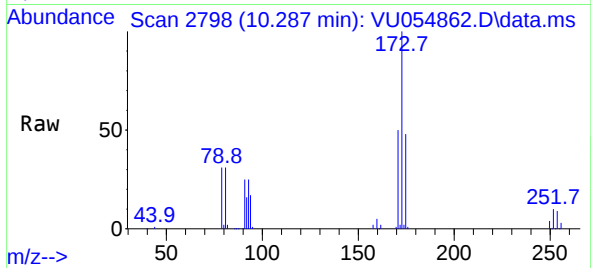




#67
Bromoform
Concen: 39.414 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054862.D
Acq: 24 Jul 2023 16:17

Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

Tgt Ion:173 Resp: 122027
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.6
254 9.9 7.4 11.0



#68
1,2-Dichlorobenzene-d4
Concen: 0.850 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054862.D
Acq: 24 Jul 2023 16:17

Tgt Ion:152 Resp: 8167
Ion Ratio Lower Upper
152 100
115 66.2 0.0 234.8
150 170.9 0.0 598.2

