

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
 Data File : VU057779.D
 Acq On : 01 Feb 2024 15:32
 Operator : MD/SY
 Sample : P1174-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Quant Time: Feb 02 00:35:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

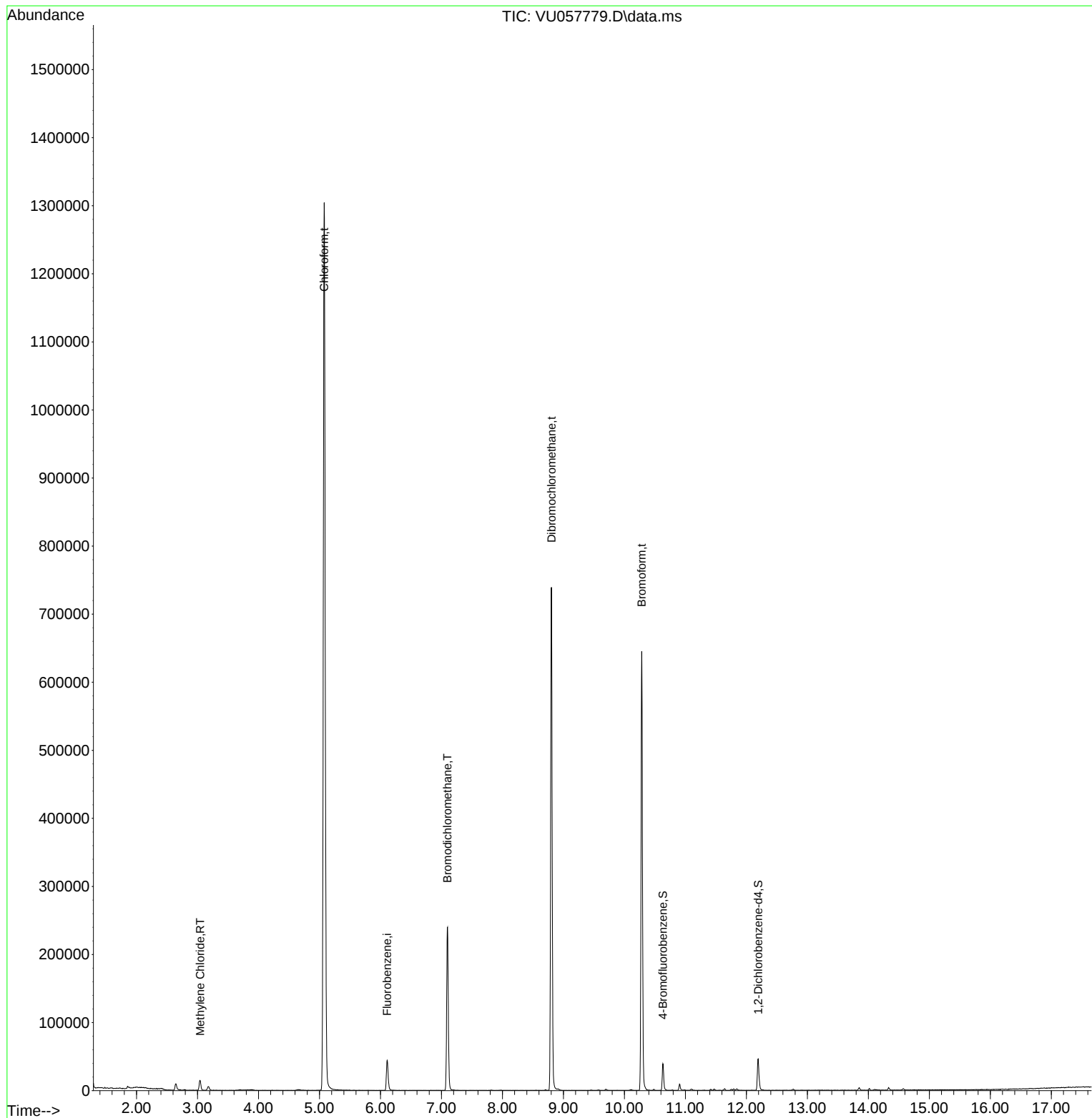
Internal Standards						
1) Fluorobenzene	6.110	96	41593	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14417	0.915	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	12423	0.876	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
						Qvalue
15) Methylene Chloride	3.042	84	7272	0.589	ug/l	99
27) Chloroform	5.078	83	1155010	52.144	ug/l	98
44) Bromodichloromethane	7.100	83	156582	10.066	ug/l	99
55) Dibromochloromethane	8.804	129	369849	39.033	ug/l	98
67) Bromoform	10.283	173	277251	56.847	ug/l	99

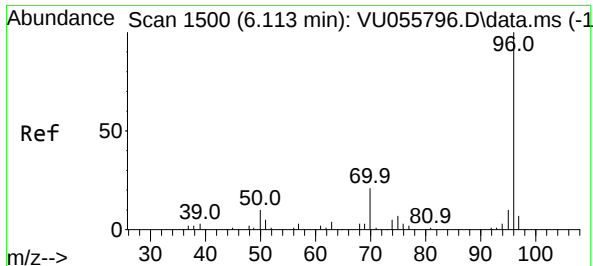
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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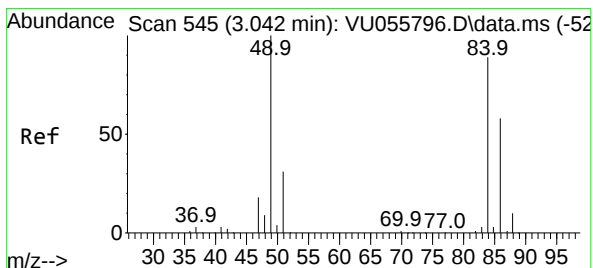
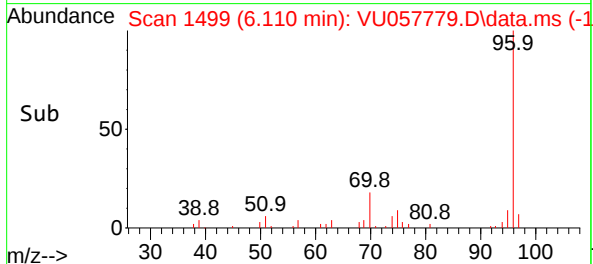
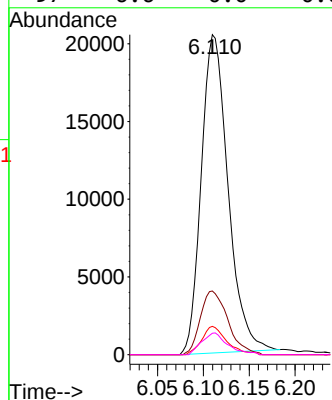
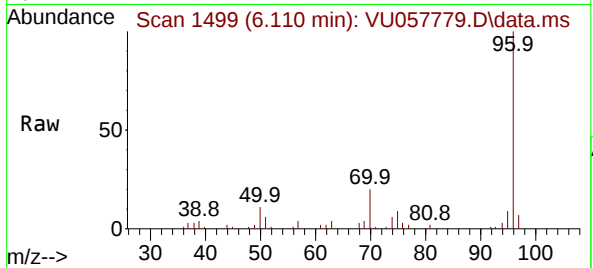




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057779.D
Acq: 01 Feb 2024 15:32

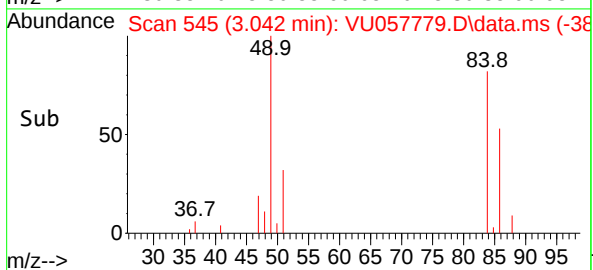
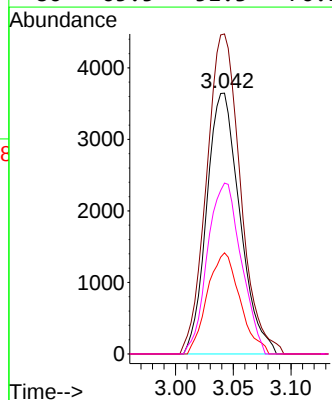
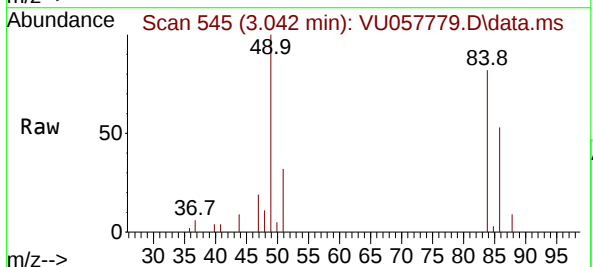
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

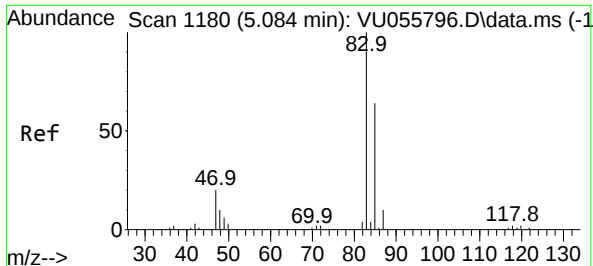
Tgt Ion: 96	Resp: 41593
Ion Ratio	Lower Upper
96 100	
70 20.5	16.5 24.7
95 8.3	7.4 11.0
97 6.6	0.0 0.0#



#15
Methylene Chloride
Concen: 0.589 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057779.D
Acq: 01 Feb 2024 15:32

Tgt Ion: 84	Resp: 7272
Ion Ratio	Lower Upper
84 100	
49 122.7	98.9 148.3
51 38.7	0.0 75.4
86 65.5	51.3 76.9





#27

Chloroform

Concen: 52.144 ug/l

RT: 5.078 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU057779.D

Acq: 01 Feb 2024 15:32

Instrument :

MSVOA_U

ClientSampleId :

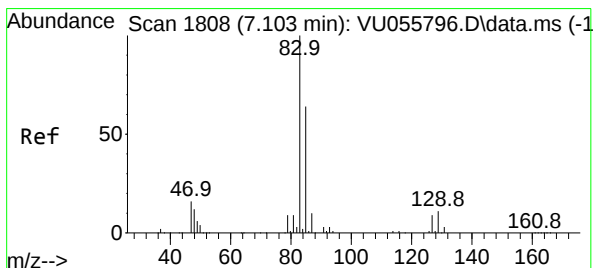
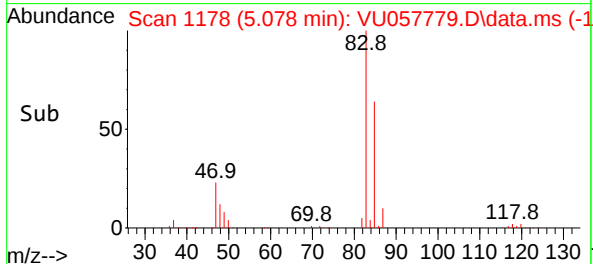
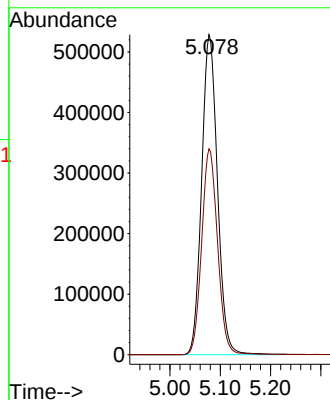
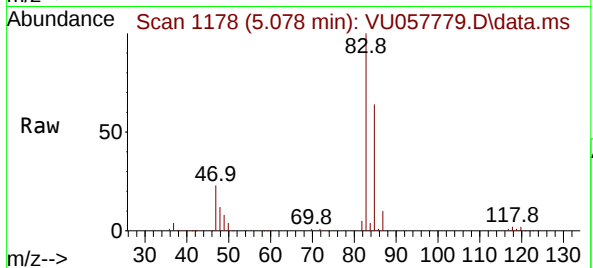
PT-THM-WS

Tgt Ion: 83 Resp: 1155010

Ion Ratio Lower Upper

83 100

85 64.4 0.0 126.4



#44

Bromodichloromethane

Concen: 10.066 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU057779.D

Acq: 01 Feb 2024 15:32

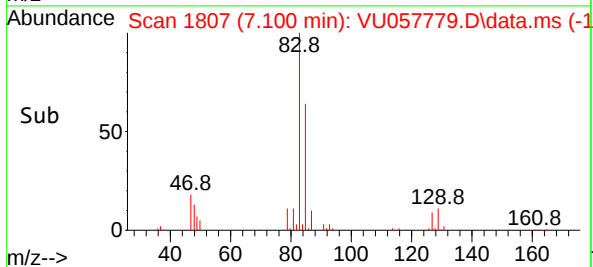
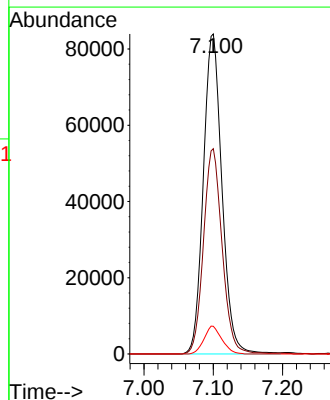
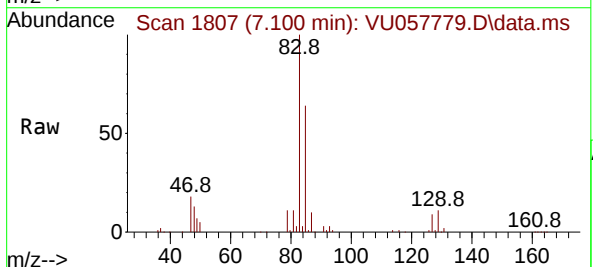
Tgt Ion: 83 Resp: 156582

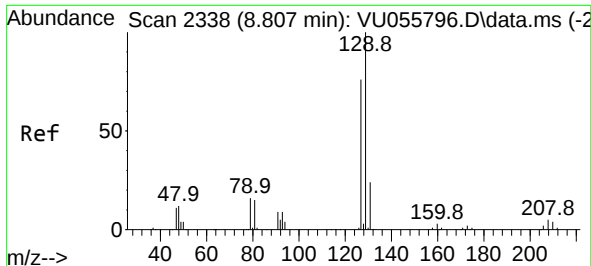
Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

127 8.7 6.7 10.1

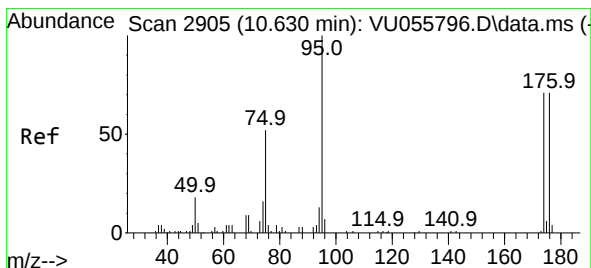
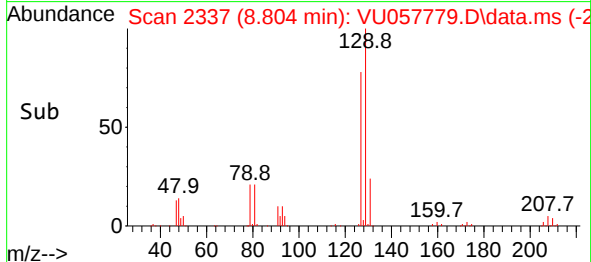
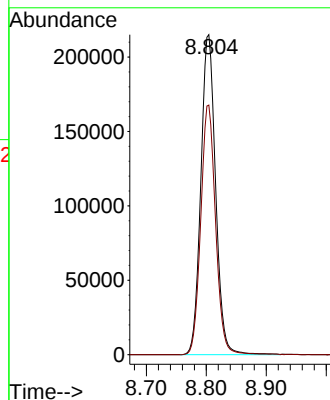
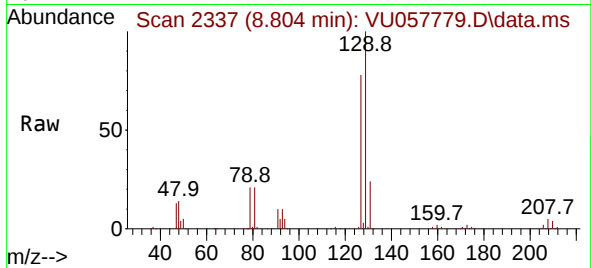




#55
Dibromochloromethane
Concen: 39.033 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057779.D
Acq: 01 Feb 2024 15:32

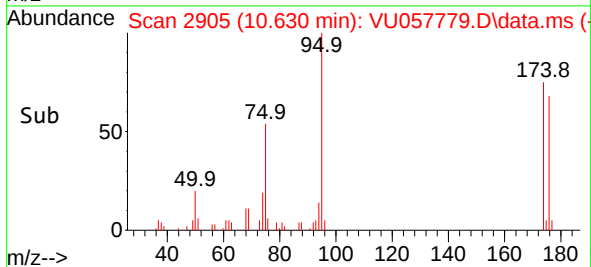
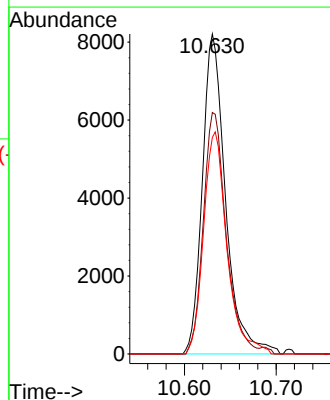
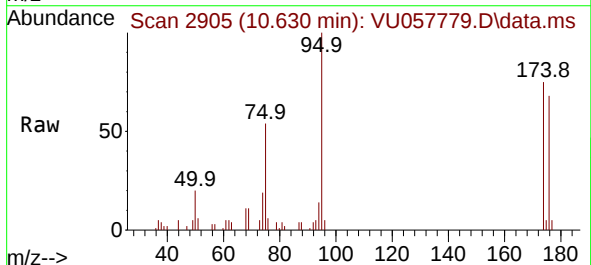
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

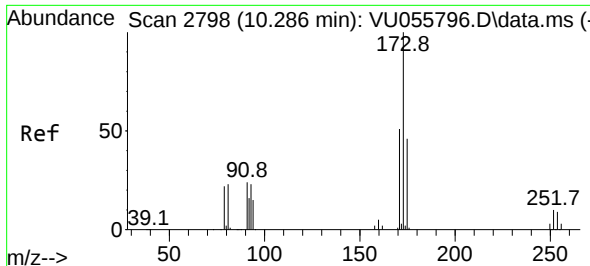
Tgt Ion:129 Resp: 369849
Ion Ratio Lower Upper
129 100
127 78.2 61.4 92.0



#57
4-Bromofluorobenzene
Concen: 0.915 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057779.D
Acq: 01 Feb 2024 15:32

Tgt Ion: 95 Resp: 14417
Ion Ratio Lower Upper
95 100
174 74.4 63.3 94.9
176 70.1 59.3 88.9

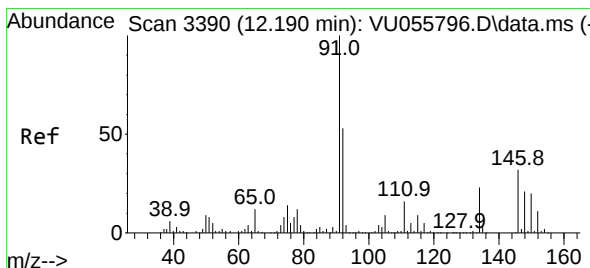
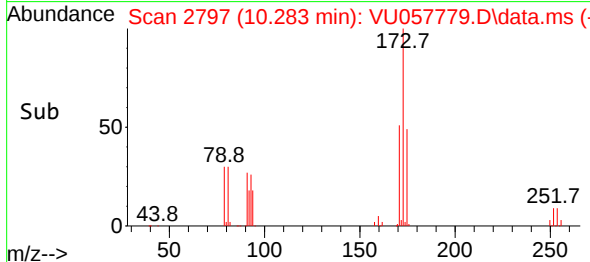
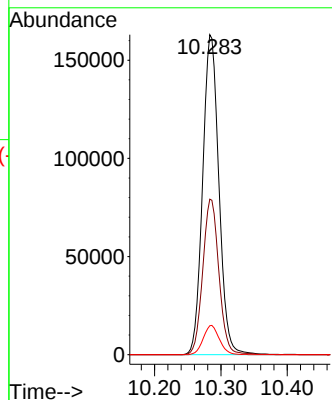
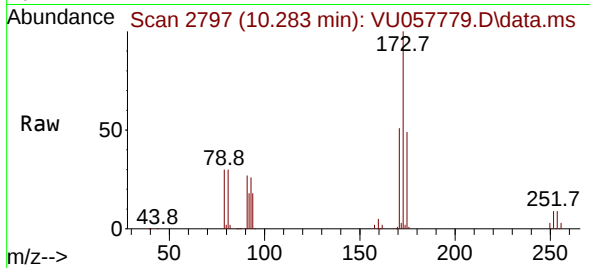




#67
Bromoform
Concen: 56.847 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057779.D
Acq: 01 Feb 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

Tgt Ion:173 Resp: 277251
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.6
254 9.1 7.4 11.0



#68
1,2-Dichlorobenzene-d4
Concen: 0.876 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU057779.D
Acq: 01 Feb 2024 15:32

Tgt Ion:152 Resp: 12423
Ion Ratio Lower Upper
152 100
115 74.0 0.0 308.8
150 162.8 0.0 635.0

