

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
 Data File : VU057780.D
 Acq On : 01 Feb 2024 16:07
 Operator : MD/SY
 Sample : P1174-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WSDL

Quant Time: Feb 02 00:35:56 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)

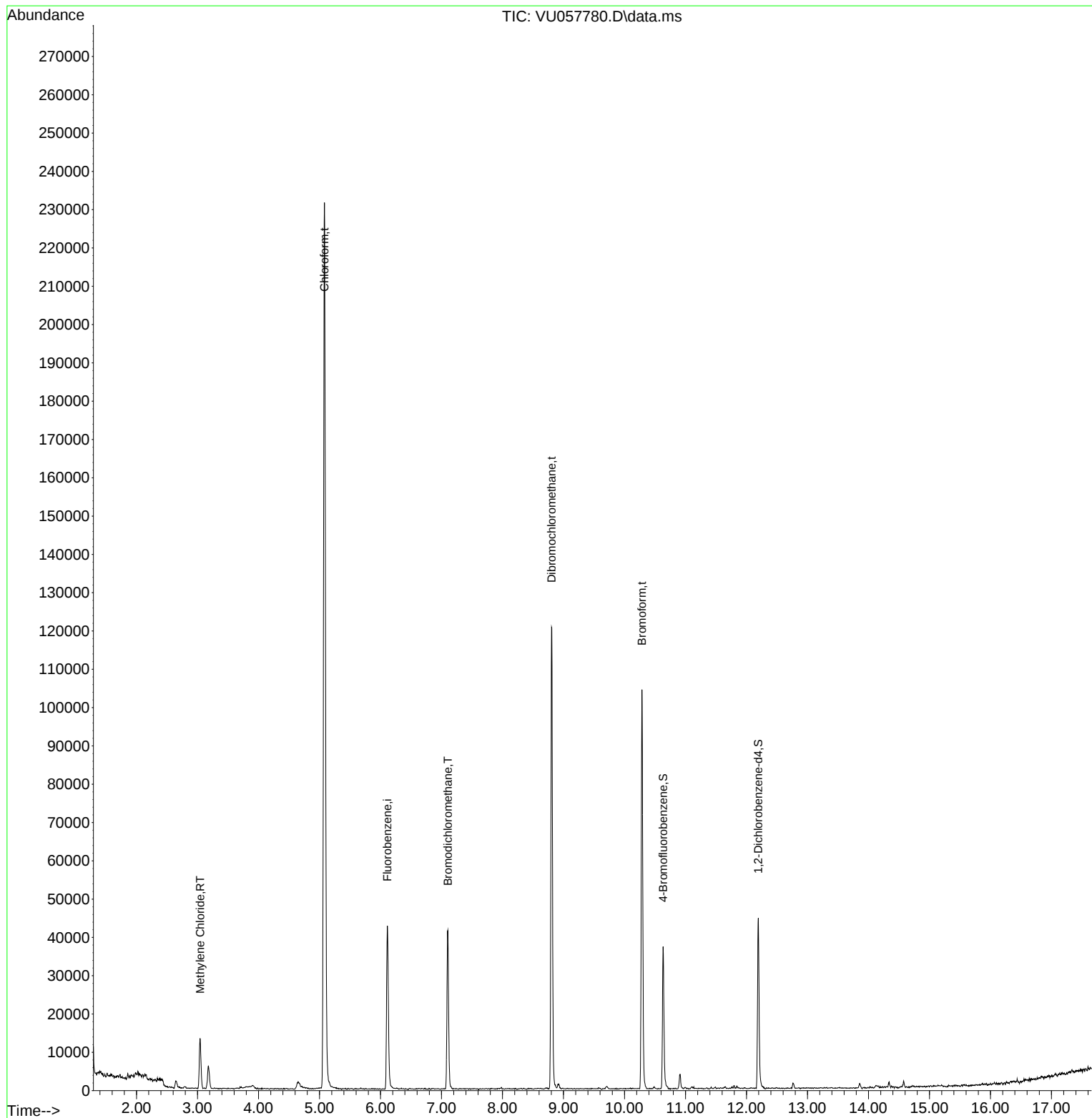
Internal Standards						
1) Fluorobenzene	6.113	96	41617	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	14245	0.904	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	12215	0.861	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
Target Compounds						
15) Methylene Chloride	3.042	84	6571	0.532	ug/l	93
27) Chloroform	5.081	83	205971	9.293	ug/l	96
44) Bromodichloromethane	7.103	83	27707	1.780	ug/l #	95
55) Dibromochloromethane	8.804	129	61313	6.467	ug/l	96
67) Bromoform	10.286	173	44844	9.189	ug/l	99

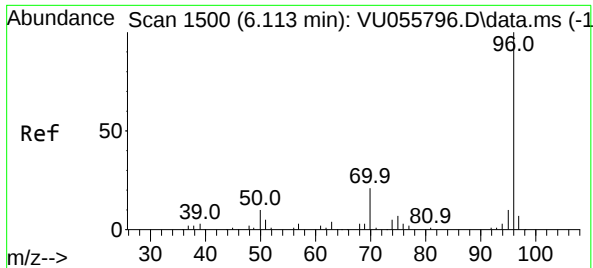
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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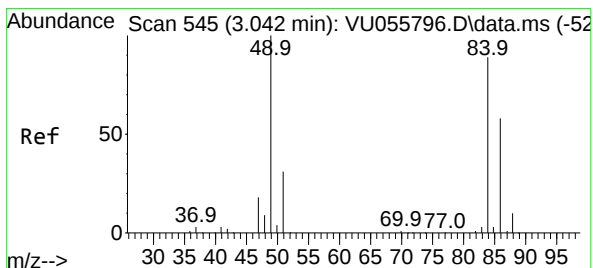
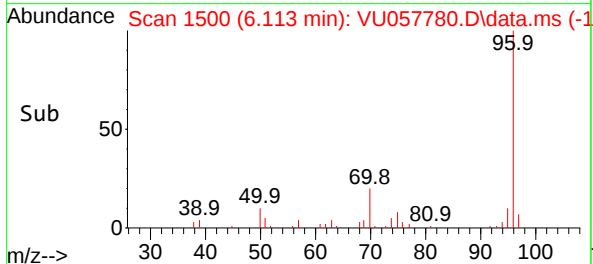
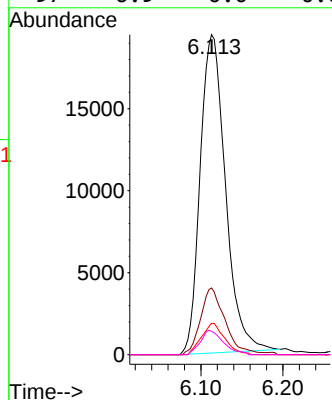
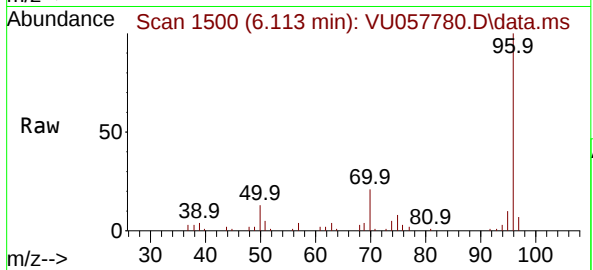




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057780.D
Acq: 01 Feb 2024 16:07

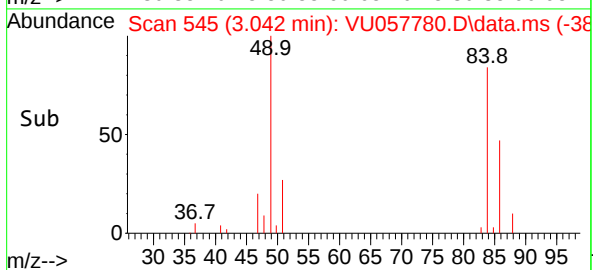
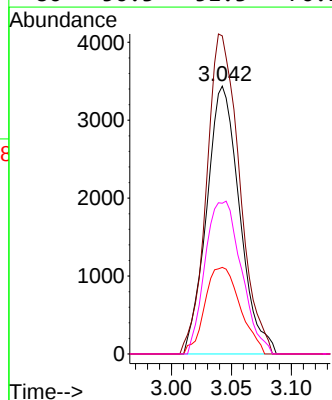
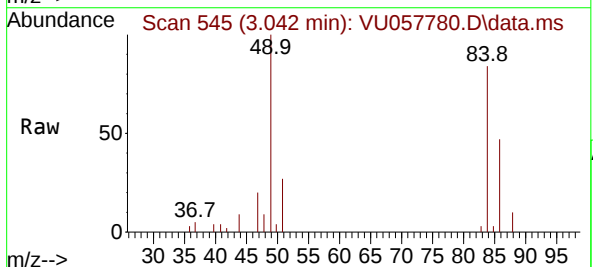
Instrument :
MSVOA_U
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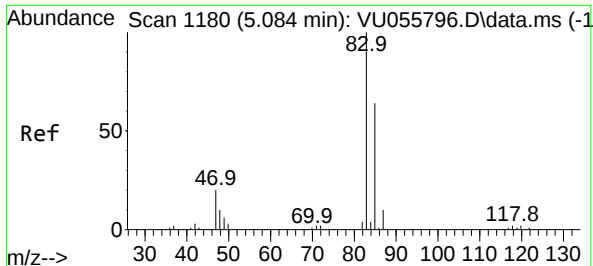
Tgt Ion: 96	Resp: 41617
Ion Ratio	Lower Upper
96 100	
70 19.4	16.5 24.7
95 9.0	7.4 11.0
97 6.9	0.0 0.0



#15
Methylene Chloride
Concen: 0.532 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057780.D
Acq: 01 Feb 2024 16:07

Tgt Ion: 84	Resp: 6571
Ion Ratio	Lower Upper
84 100	
49 118.7	98.9 148.3
51 32.3	0.0 75.4
86 56.3	51.3 76.9





#27

Chloroform

Concen: 9.293 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057780.D

Acq: 01 Feb 2024 16:07

Instrument :

MSVOA_U

ClientSampleId :

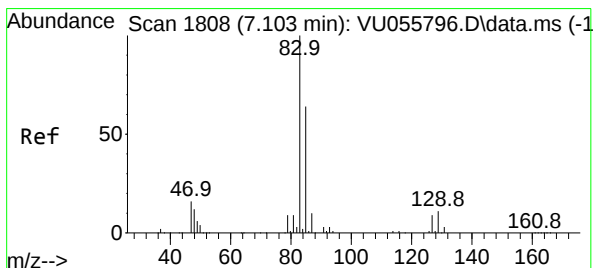
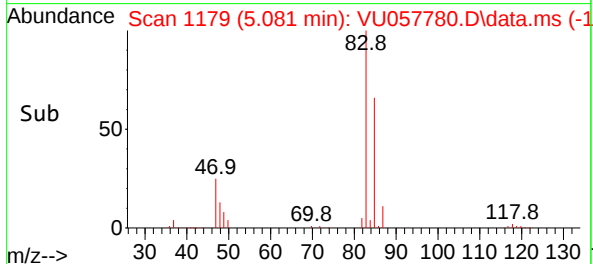
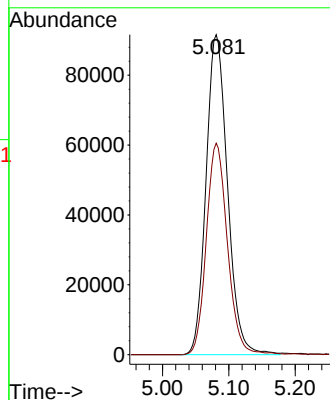
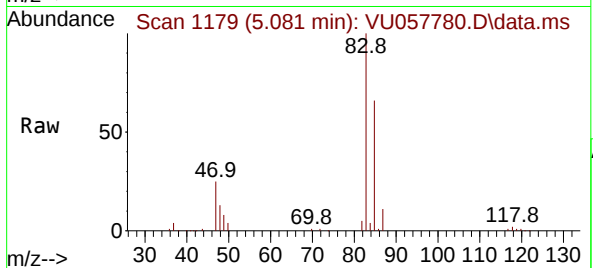
PT-THM-WSDL

Tgt Ion: 83 Resp: 205971

Ion Ratio Lower Upper

83 100

85 66.1 0.0 126.4



#44

Bromodichloromethane

Concen: 1.780 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU057780.D

Acq: 01 Feb 2024 16:07

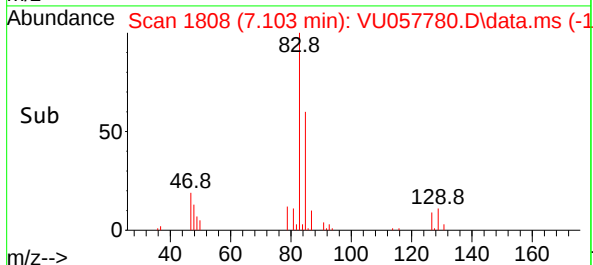
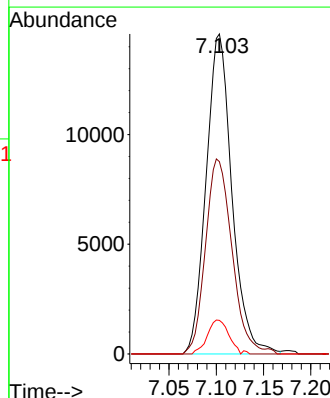
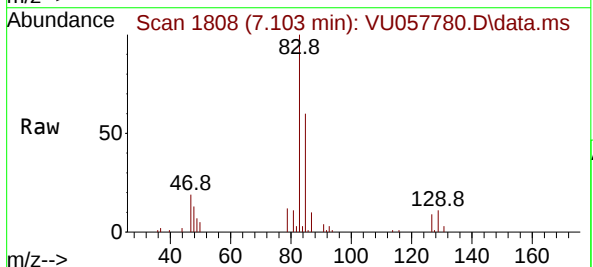
Tgt Ion: 83 Resp: 27707

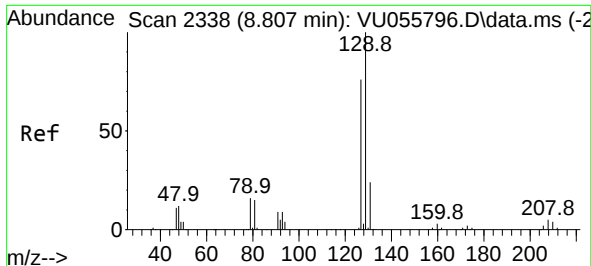
Ion Ratio Lower Upper

83 100

85 60.9 51.9 77.9

127 10.5 6.7 10.1#

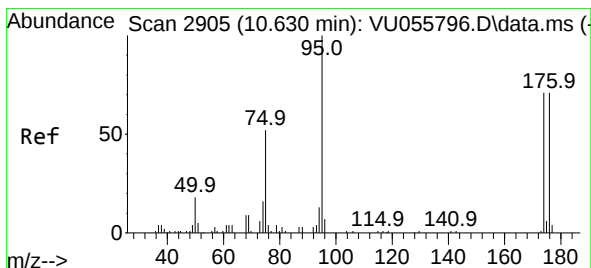
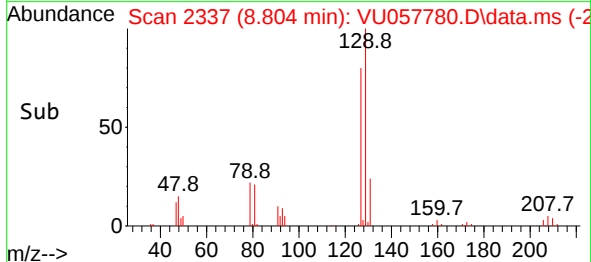
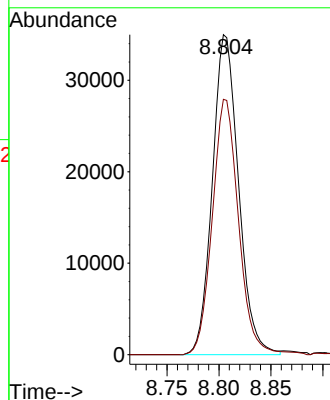
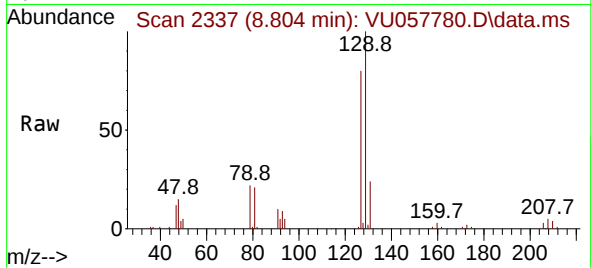




#55
Dibromochloromethane
Concen: 6.467 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057780.D
Acq: 01 Feb 2024 16:07

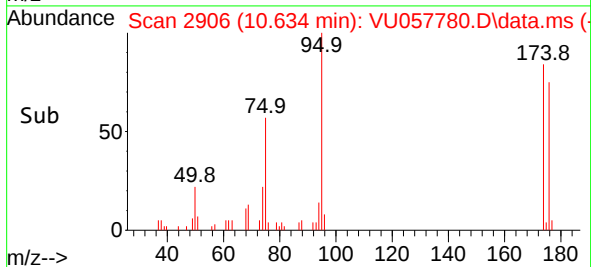
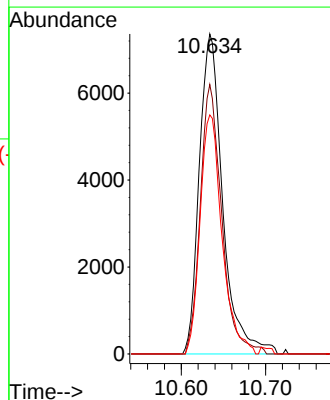
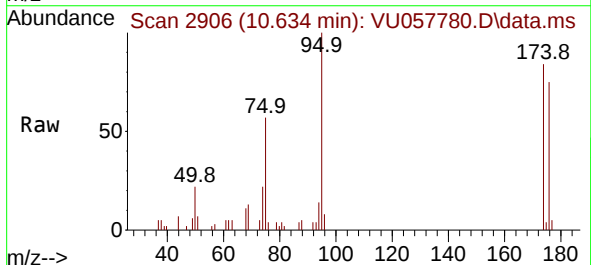
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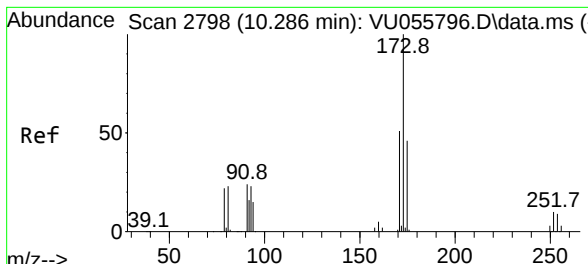
Tgt Ion:129 Resp: 61313
Ion Ratio Lower Upper
129 100
127 80.0 61.4 92.0



#57
4-Bromofluorobenzene
Concen: 0.904 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.004 min
Lab File: VU057780.D
Acq: 01 Feb 2024 16:07

Tgt Ion: 95 Resp: 14245
Ion Ratio Lower Upper
95 100
174 77.1 63.3 94.9
176 70.2 59.3 88.9

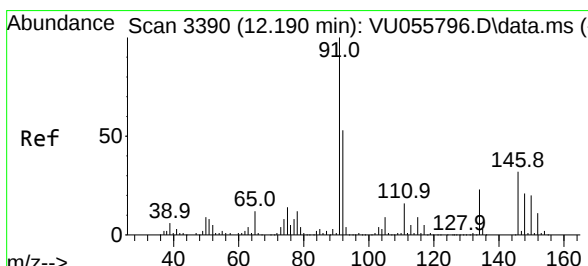
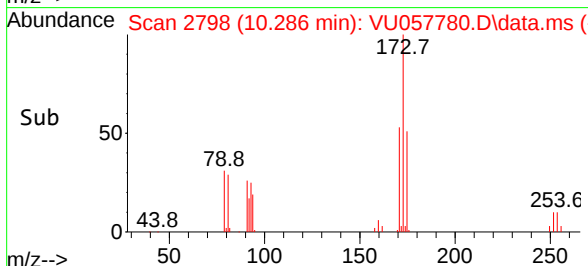
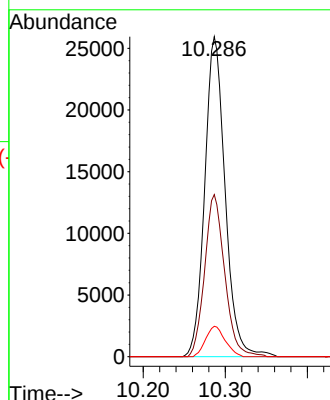
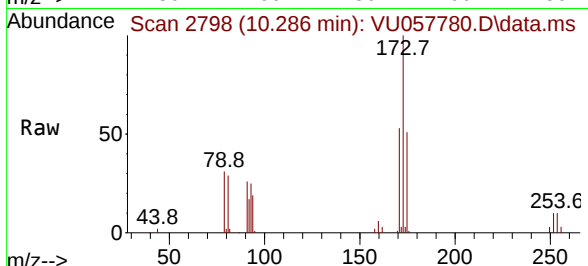




#67
Bromoform
Concen: 9.189 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057780.D
Acq: 01 Feb 2024 16:07

Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WSDL

Tgt Ion:173 Resp: 44844
Ion Ratio Lower Upper
173 100
175 49.7 39.0 58.6
254 9.1 7.4 11.0



#68
1,2-Dichlorobenzene-d4
Concen: 0.861 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU057780.D
Acq: 01 Feb 2024 16:07

Tgt Ion:152 Resp: 12215
Ion Ratio Lower Upper
152 100
115 67.1 0.0 308.8
150 164.4 0.0 635.0

