

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057819.D
 Acq On : 06 Feb 2024 13:46
 Operator : MD/SY
 Sample : P1174-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Quant Time: Feb 07 03:00:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 02:05:40 2024
 Response via : Initial Calibration

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

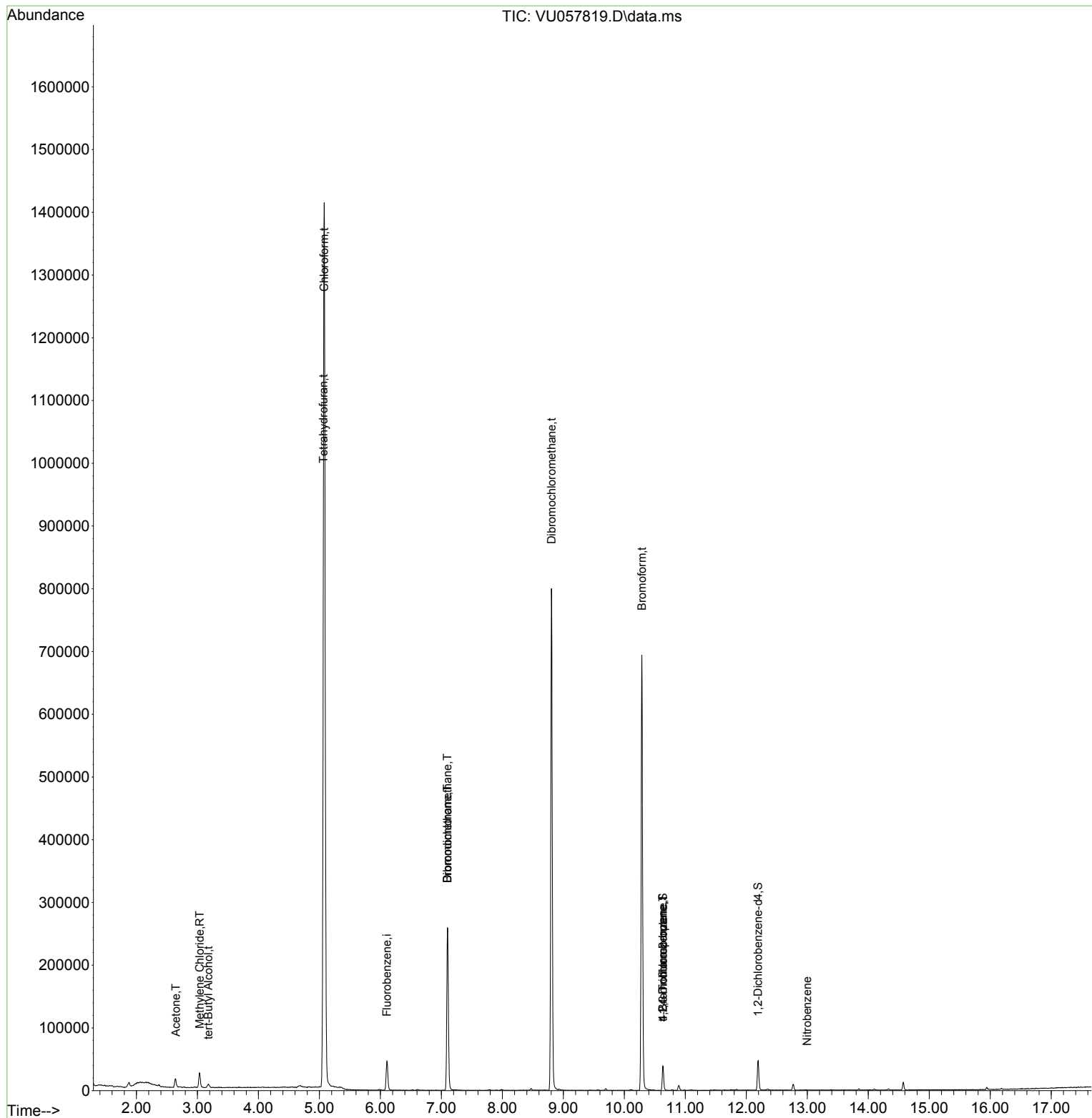
Internal Standards						
1) Fluorobenzene	6.107	96	41745	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14279	0.932	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12395	0.915	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
					Qvalue	
13) Acetone	2.647	43	1133	0.273	ug/l	99
15) Methylene Chloride	3.036	84	10043	0.778	ug/l	96
24) tert-Butyl Alcohol	3.178	59	3235	5.751	ug/l #	1
27) Chloroform	5.078	83	1229263	56.237	ug/l	99
41) Tetrahydrofuran	5.065	42	516	0.306	ug/l #	28
43) Dibromomethane	7.100	93	5293	0.936	ug/l #	5
44) Bromodichloromethane	7.100	83	165734	10.779	ug/l	99
46) t-1,4-Dichloro-2-butene	10.631	75	7422	4.376	ug/l #	18
55) Dibromochloromethane	8.804	129	398509	42.841	ug/l	99
67) Bromoform	10.287	173	297915	63.647	ug/l	99
71) 1,2,3-Trichloropropane	10.631	75	7422	0.896	ug/l #	35
80) Nitrobenzene	12.994	77	22	2.130	ug/l #	40

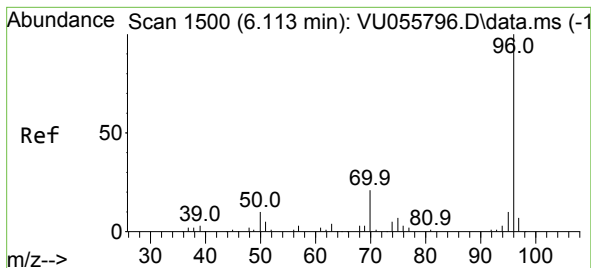
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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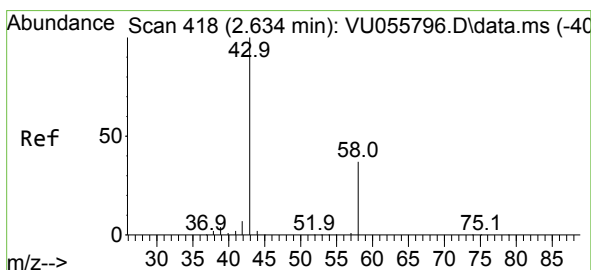
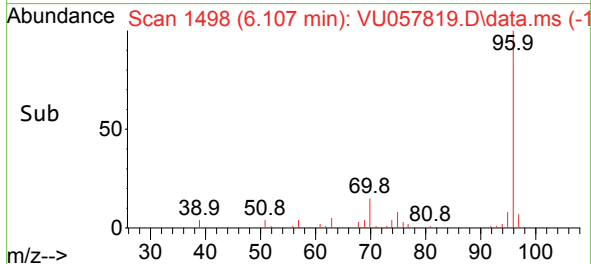
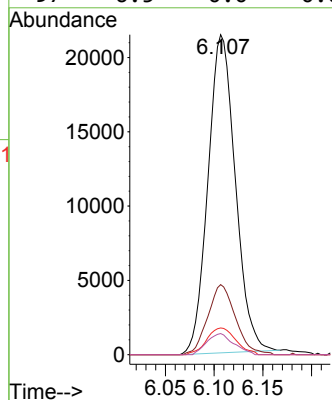
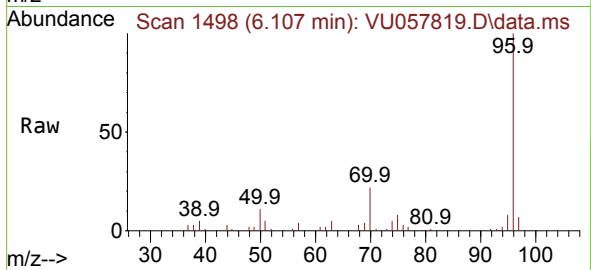




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

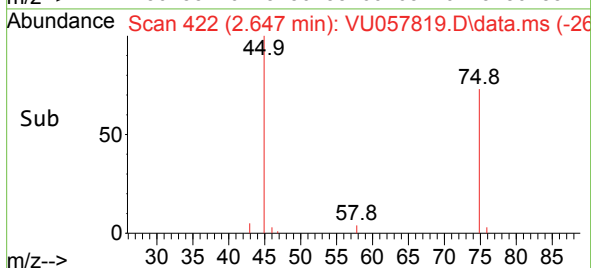
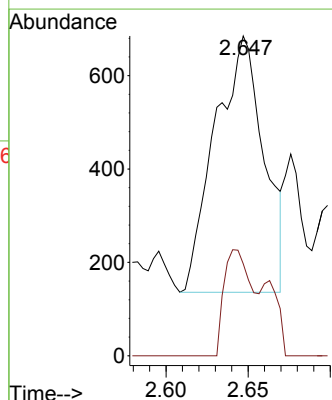
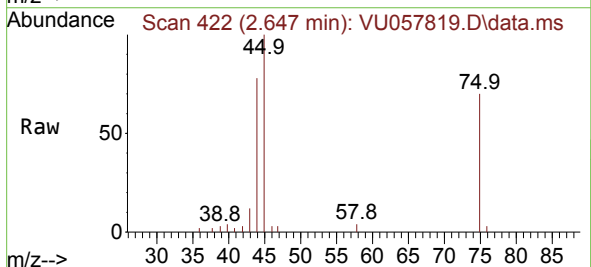
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

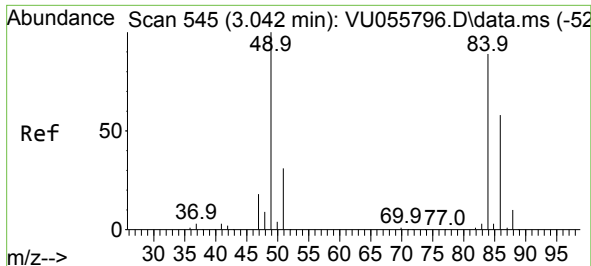
Tgt Ion: 96 Resp: 41745
Ion Ratio Lower Upper
96 100
70 22.3 16.5 24.7
95 9.0 7.4 11.0
97 6.5 0.0 0.0#



#13
Acetone
Concen: 0.273 ug/l
RT: 2.647 min Scan# 422
Delta R.T. 0.016 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.4

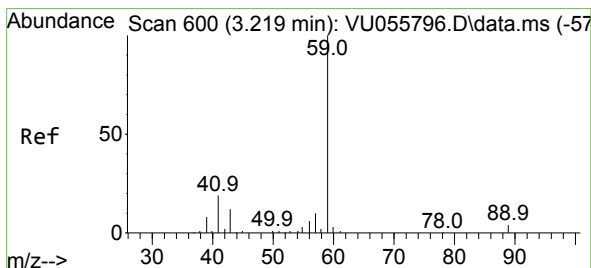
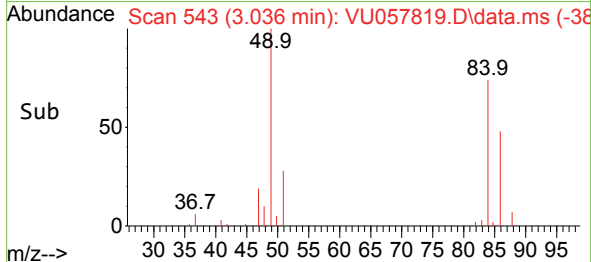
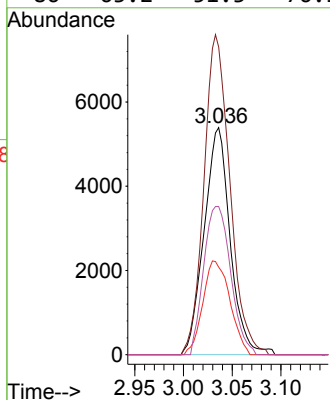
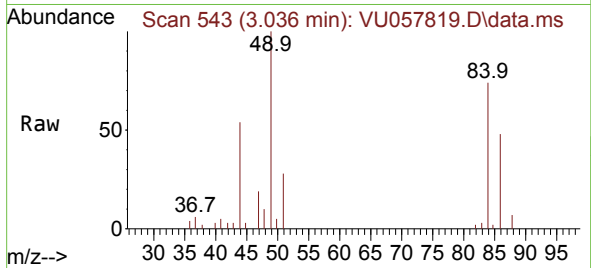




#15
Methylene Chloride
Concen: 0.778 ug/l
RT: 3.036 min Scan# 54
Delta R.T. 0.010 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

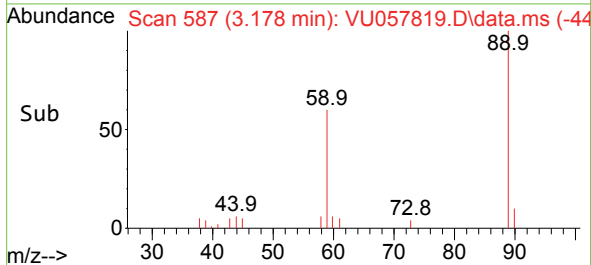
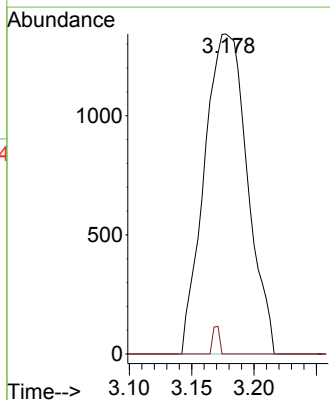
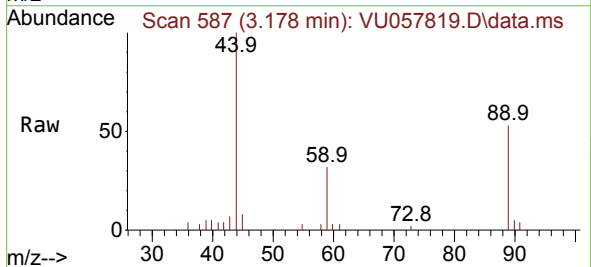
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

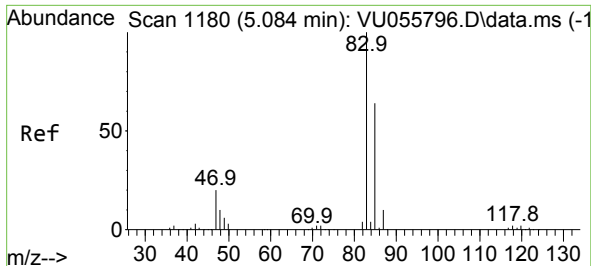
Tgt Ion: 84	Resp: 10043
Ion Ratio	Lower Upper
84 100	
49 131.2	98.9 148.3
51 37.3	0.0 75.4
86 63.2	51.3 76.9



#24
tert-Butyl Alcohol
Concen: 5.751 ug/l
RT: 3.178 min Scan# 587
Delta R.T. -0.054 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

Tgt Ion: 59	Resp: 3235
Ion Ratio	Lower Upper
59 100	
57 1.4	105.6 158.4#





#27

Chloroform

Concen: 56.237 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU057819.D

Acq: 06 Feb 2024 13:46

Instrument :

MSVOA_U

ClientSampleId :

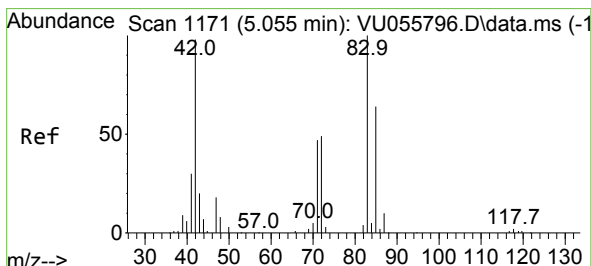
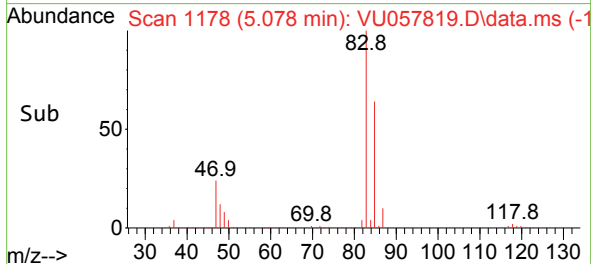
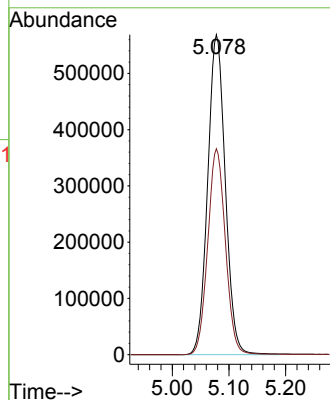
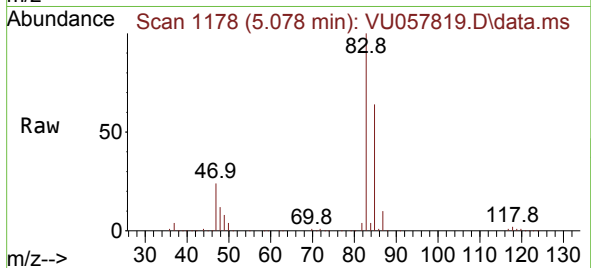
PT-THM-WS

Tgt Ion: 83 Resp: 1229263

Ion Ratio Lower Upper

83 100

85 64.3 0.0 126.4



#41

Tetrahydrofuran

Concen: 0.306 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.003 min

Lab File: VU057819.D

Acq: 06 Feb 2024 13:46

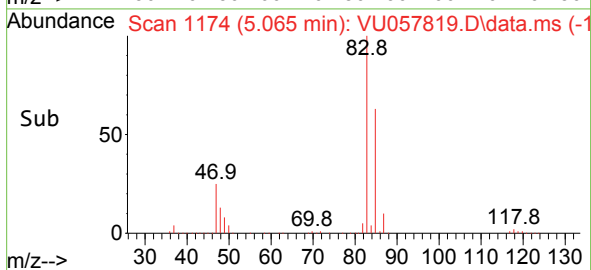
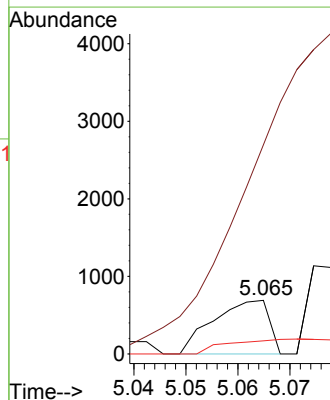
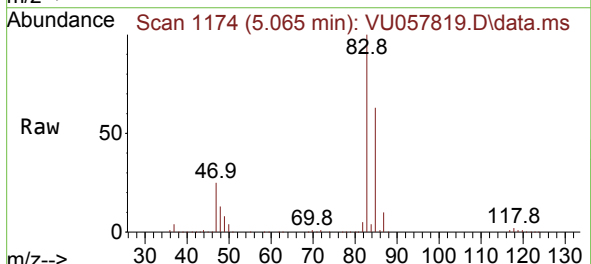
Tgt Ion: 42 Resp: 516

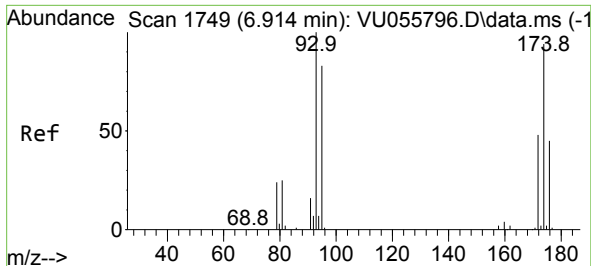
Ion Ratio Lower Upper

42 100

72 0.0 40.9 61.3#

71 0.0 36.9 55.3#

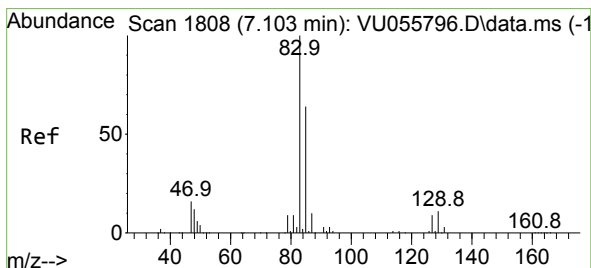
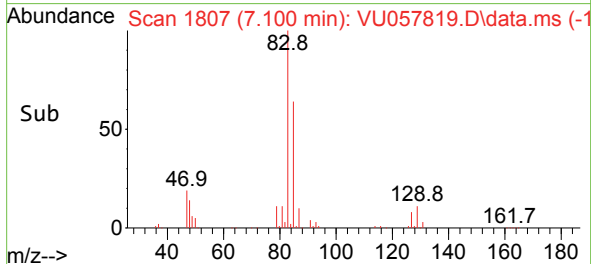
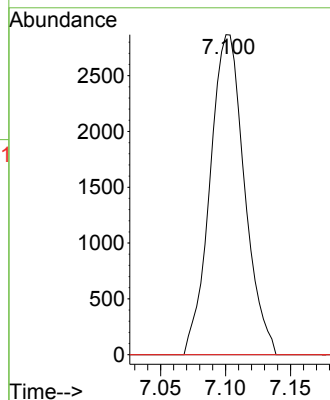
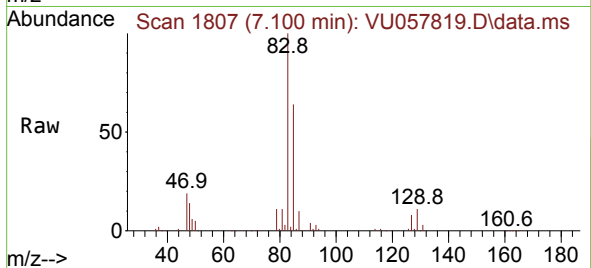




#43
Dibromomethane
Concen: 0.936 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.190 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

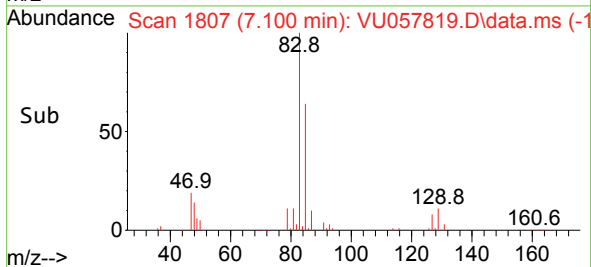
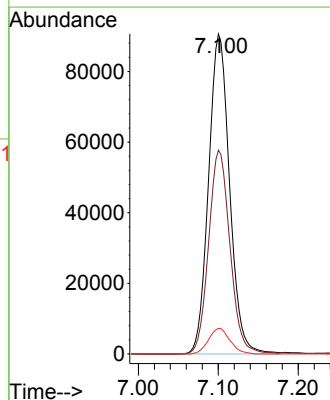
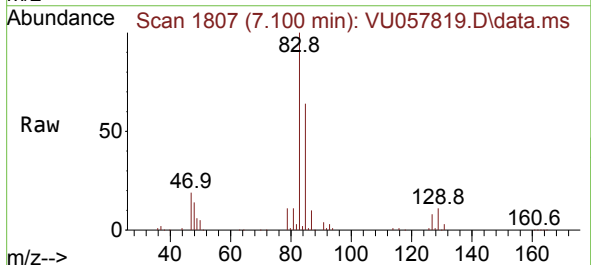
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MSVOA_U
ClientSampleId :
PT-THM-WS

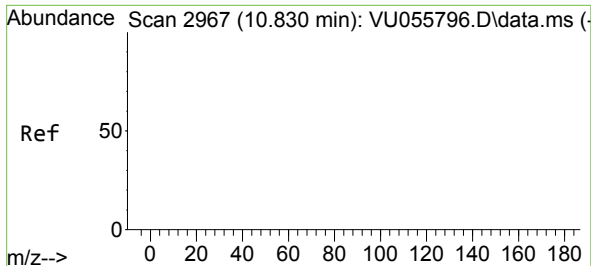
Tgt Ion: 93 Resp: 5293
Ion Ratio Lower Upper
93 100
95 0.0 67.0 100.6#
174 0.0 73.8 110.6#



#44
Bromodichloromethane
Concen: 10.779 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

Tgt Ion: 83 Resp: 165734
Ion Ratio Lower Upper
83 100
85 63.7 51.9 77.9
127 8.0 6.7 10.1

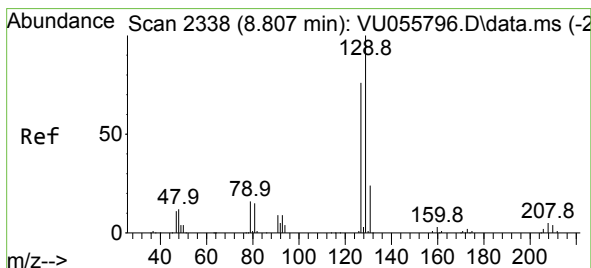
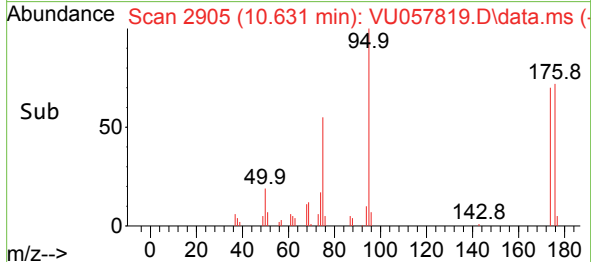
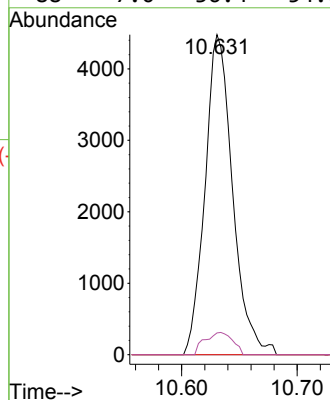
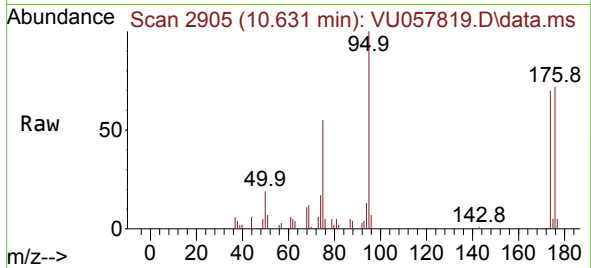




#46
t-1,4-Dichloro-2-butene
Concen: 4.376 ug/l
RT: 10.631 min Scan# 2967
Delta R.T. -0.206 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

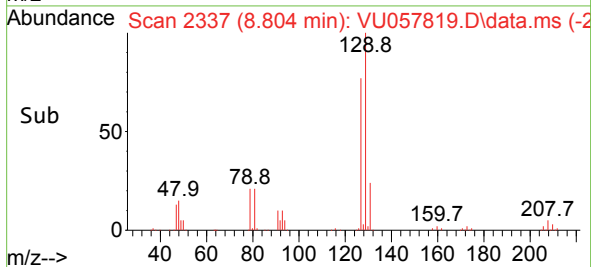
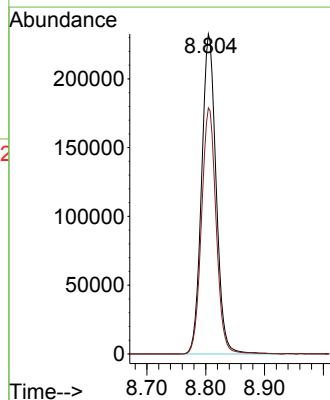
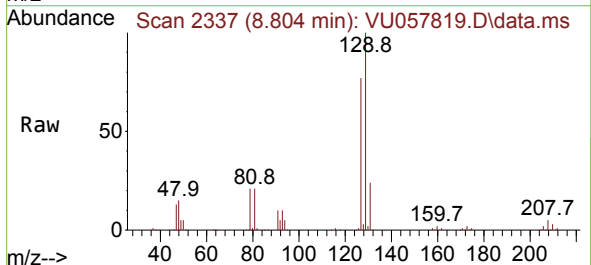
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

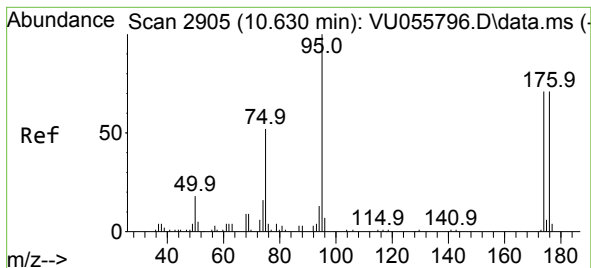
Tgt Ion: 75 Resp: 7422
Ion Ratio Lower Upper
75 100
53 0.0 73.3 109.9#
89 0.0 48.2 72.4#
88 7.0 36.4 54.6#



#55
Dibromochloromethane
Concen: 42.841 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

Tgt Ion: 129 Resp: 398509
Ion Ratio Lower Upper
129 100
127 77.6 61.4 92.0

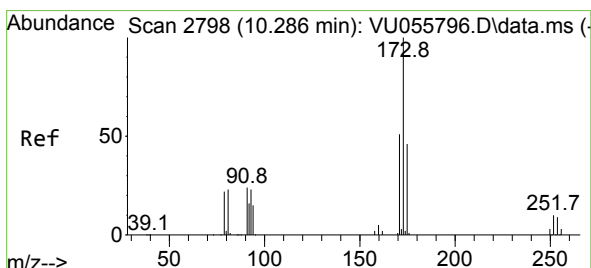
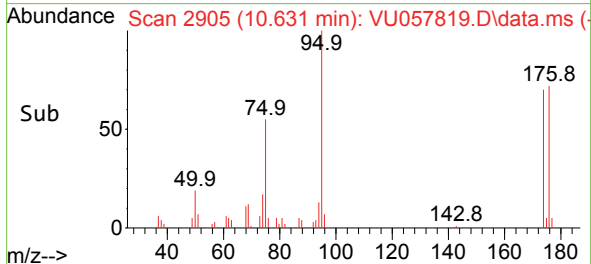
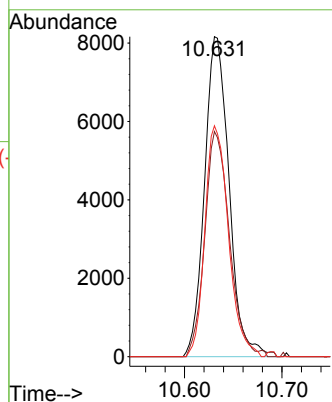
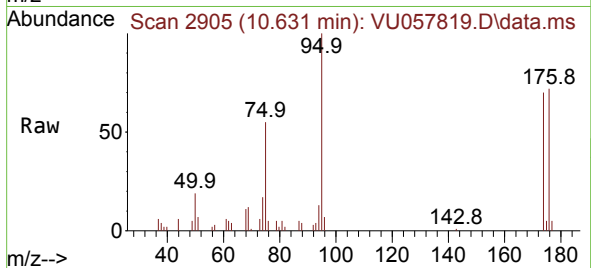




#57
4-Bromofluorobenzene
Concen: 0.932 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

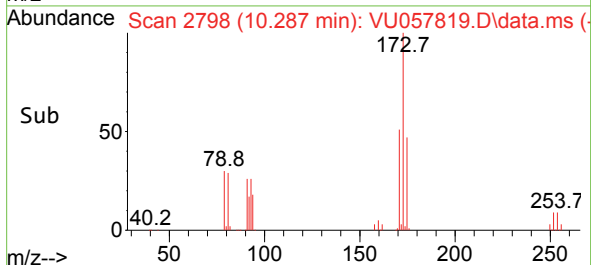
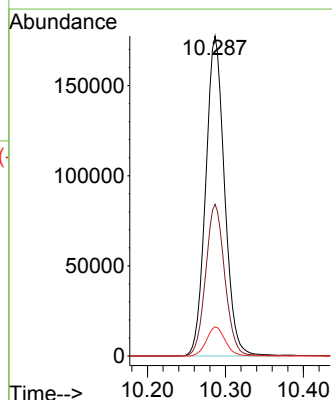
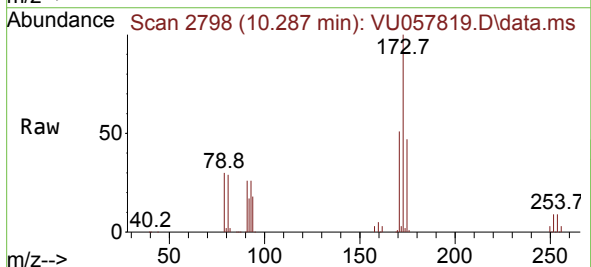
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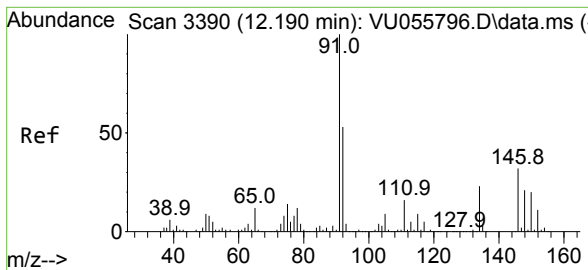
Tgt Ion: 95 Resp: 14279
Ion Ratio Lower Upper
95 100
174 70.8 63.3 94.9
176 69.5 59.3 88.9



#67
Bromoform
Concen: 63.647 ug/l
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU057819.D
Acq: 06 Feb 2024 13:46

Tgt Ion: 173 Resp: 297915
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.6
254 9.1 7.4 11.0

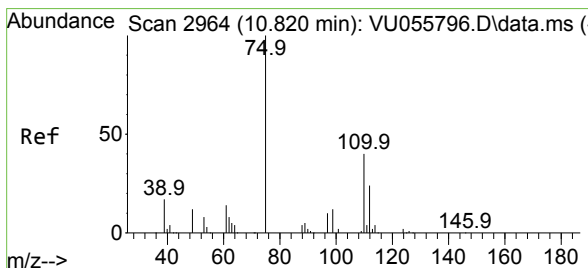
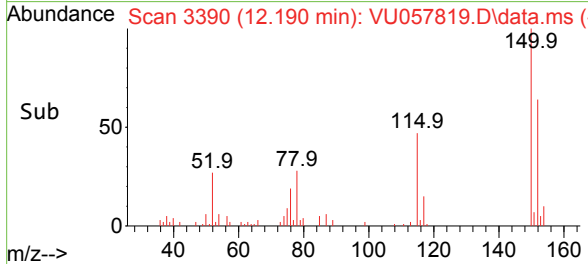
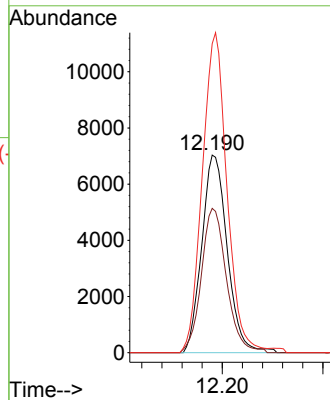
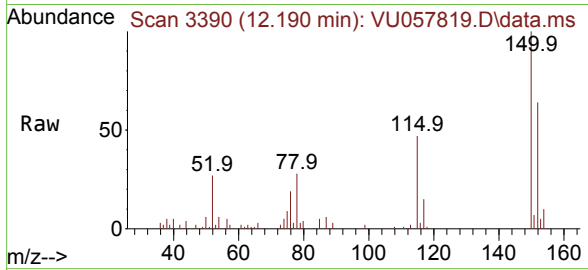




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.915 ug/l
 RT: 12.190 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057819.D
 Acq: 06 Feb 2024 13:46

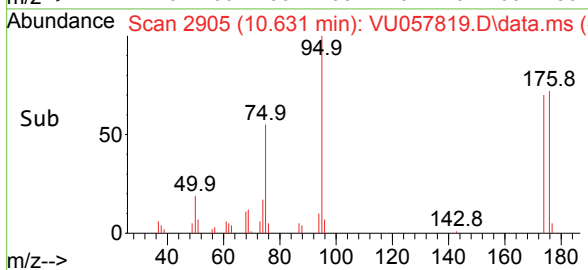
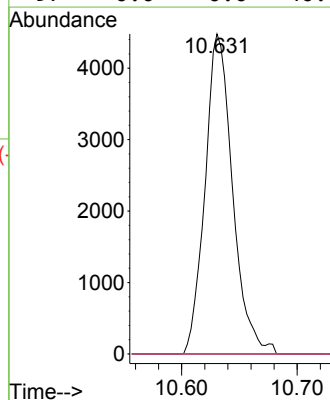
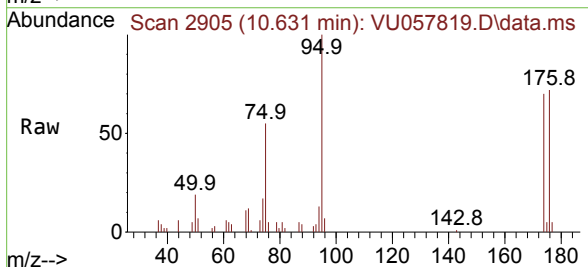
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

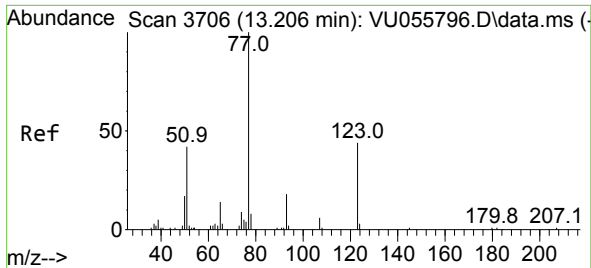
Tgt Ion:152 Resp: 12395
 Ion Ratio Lower Upper
 152 100
 115 71.8 0.0 308.8
 150 156.4 0.0 635.0



#71
 1,2,3-Trichloropropane
 Concen: 0.896 ug/l
 RT: 10.631 min Scan# 2905
 Delta R.T. -0.202 min
 Lab File: VU057819.D
 Acq: 06 Feb 2024 13:46

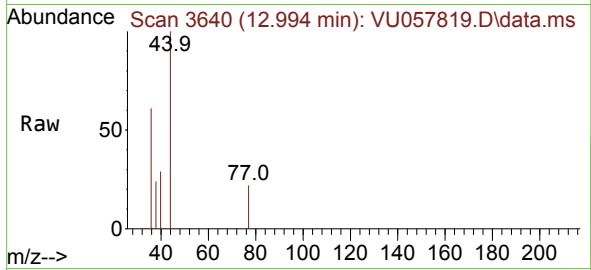
Tgt Ion: 75 Resp: 7422
 Ion Ratio Lower Upper
 75 100
 77 3.4 0.0 116.4
 110 0.0 0.0 74.6
 97 0.0 0.0 40.0





#80
 Nitrobenzene
 Concen: 2.130 ug/l
 RT: 12.994 min Scan# 30
 Delta R.T. -0.212 min
 Lab File: VU057819.D
 Acq: 06 Feb 2024 13:46

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS



Tgt Ion:	77	Resp:	22
Ion	Ratio	Lower	Upper
77	100		
123	0.0	19.7	69.7#
65	0.0	11.5	14.7#

