

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072823\
 Data File : VU054909.D
 Acq On : 28 Jul 2023 13:53
 Operator : MD/SY
 Sample : 03587-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WSDL

Quant Time: Jul 31 11:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

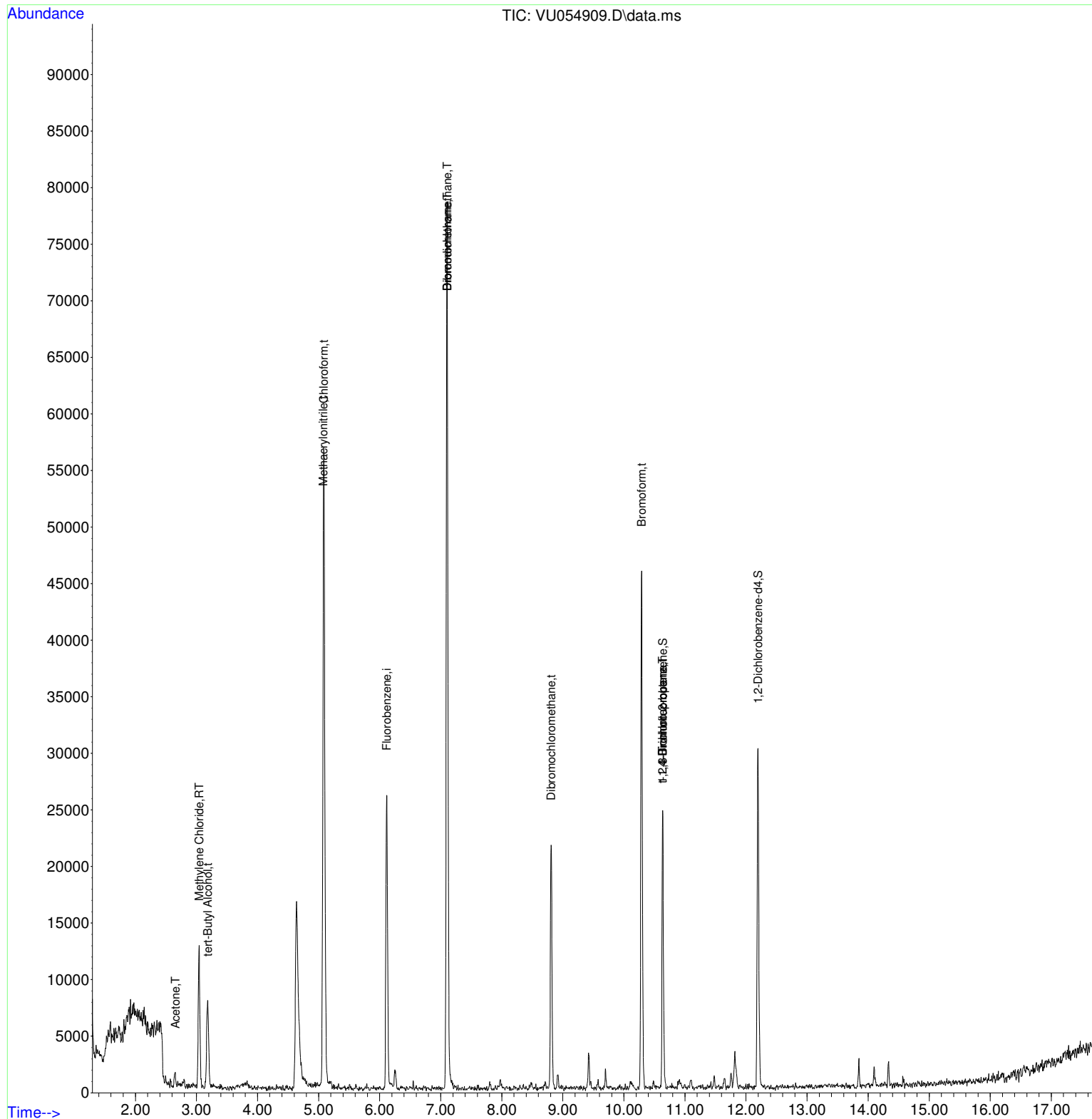
Internal Standards						
1) Fluorobenzene	6.113	96	24017	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	7322	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.196	152	8143	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						
						Qvalue
13) Acetone	2.653	43	353	0.32	ug/l	# 37
15) Methylene Chloride	3.042	84	5492	0.99	ug/l	93
24) tert-Butyl Alcohol	3.184	59	4391	7.72	ug/l	# 92
27) Chloroform	5.084	83	48870	4.51	ug/l	98
39) Methacrylonitrile	5.078	41	305	0.20	ug/l	# 24
43) Dibromomethane	7.103	93	1628	0.57	ug/l	# 6
44) Bromodichloromethane	7.103	83	50740	6.34	ug/l	99
46) t-1,4-Dichloro-2-butene	10.631	75	4376	3.25	ug/l	# 22
55) Dibromochloromethane	8.808	129	11250	2.16	ug/l	98
67) Bromoform	10.290	173	19132	7.07	ug/l	99
71) 1,2,3-Trichloropropane	10.631	75	4376	1.09	ug/l	# 42

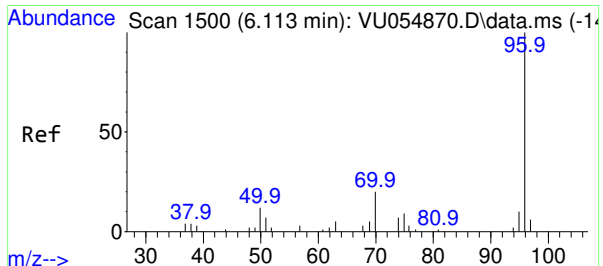
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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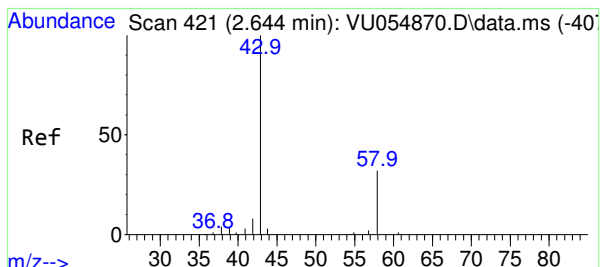
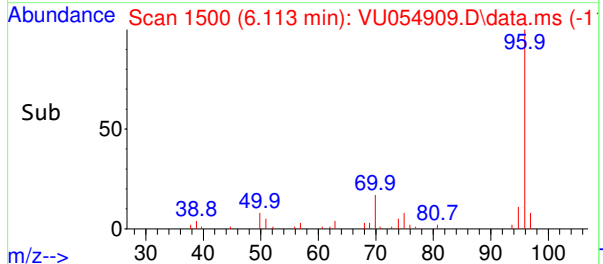
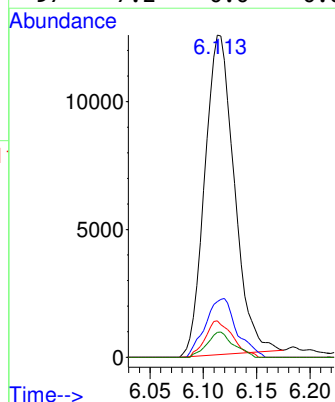
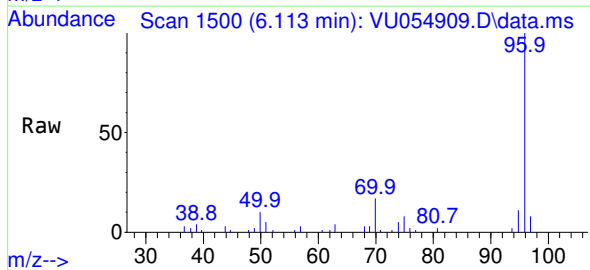




#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

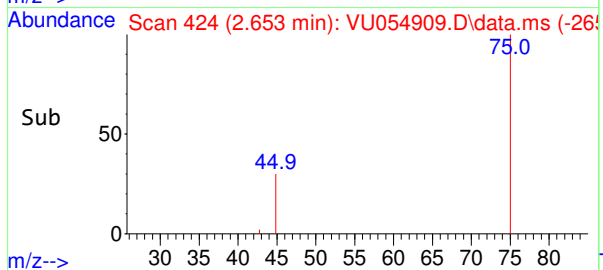
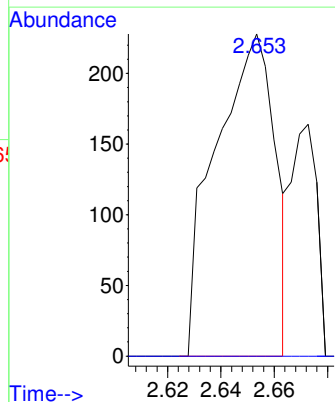
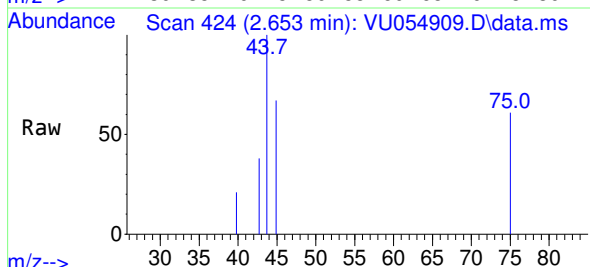
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WSDL

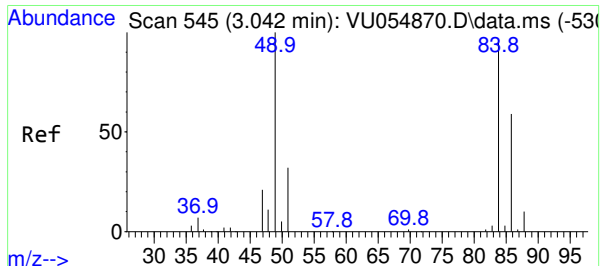
Tgt Ion:	96	Resp:	24017
Ion	Ratio	Lower	Upper
96	100		
70	19.5	14.0	21.0
95	10.7	8.7	13.1
97	7.2	0.0	0.0#



#13
Acetone
Concen: 0.32 ug/l
RT: 2.653 min Scan# 424
Delta R.T. 0.010 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Tgt Ion:	43	Resp:	353
Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.7	46.1#



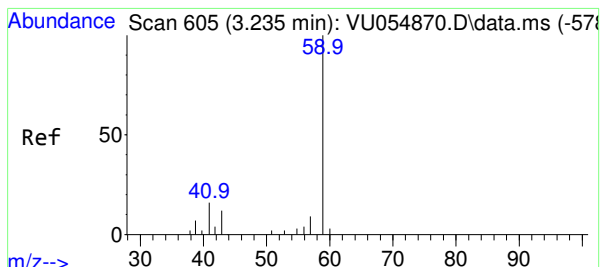
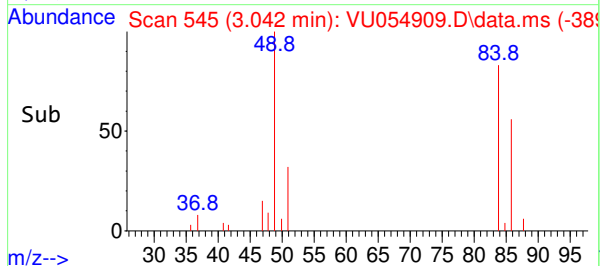
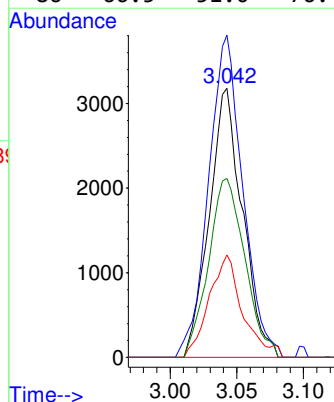
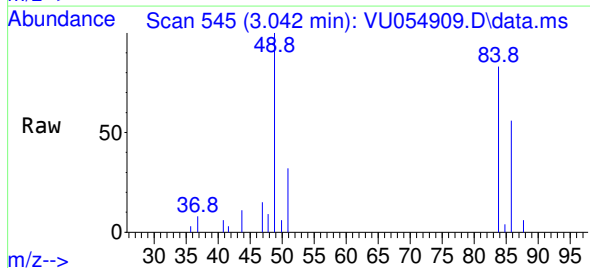


#15
Methylene Chloride
Concen: 0.99 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WSDL

Tgt Ion: 84 Resp: 5492

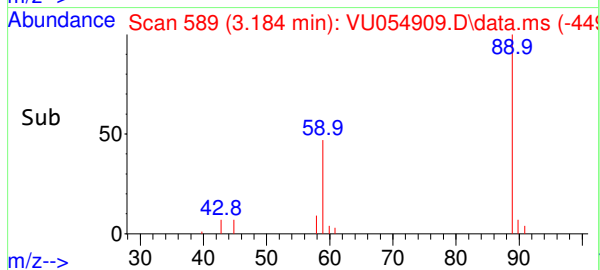
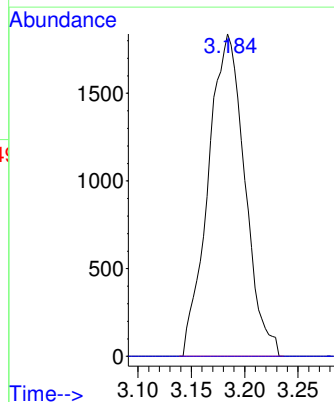
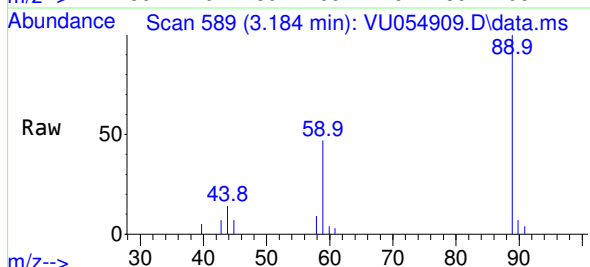
Ion	Ratio	Lower	Upper
84	100		
49	119.8	87.8	131.6
51	38.1	0.0	68.2
86	66.5	51.0	76.4

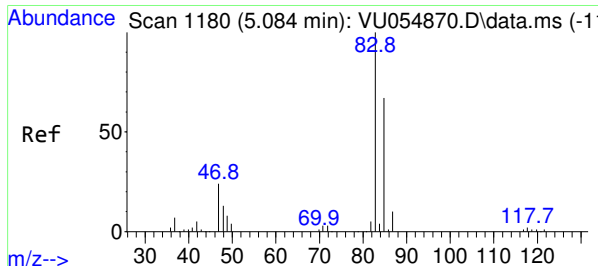


#24
tert-Butyl Alcohol
Concen: 7.72 ug/l
RT: 3.184 min Scan# 589
Delta R.T. -0.051 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Tgt Ion: 59 Resp: 4391

Ion	Ratio	Lower	Upper
59	100		
57	0.0	2.2	3.2#

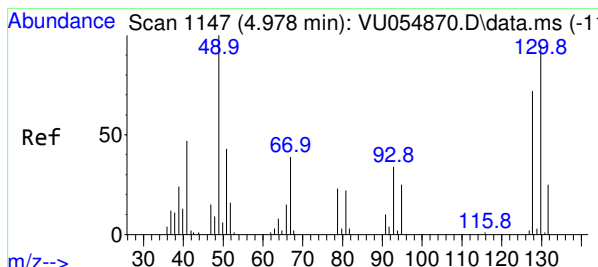
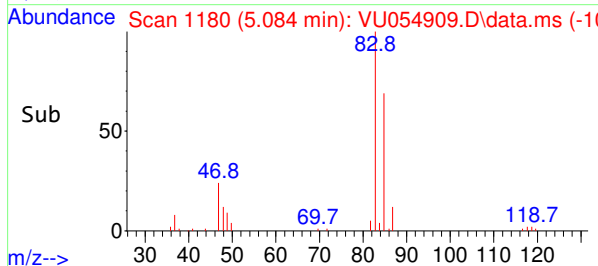
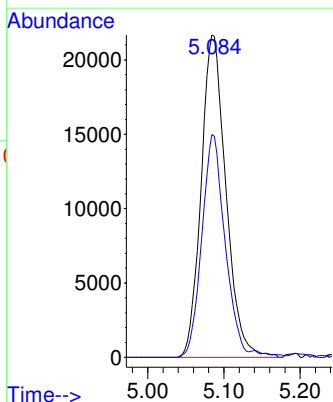
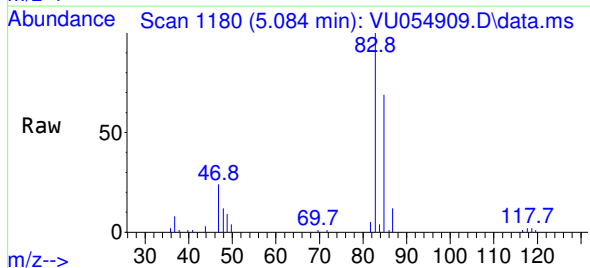




#27
Chloroform
Concen: 4.51 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

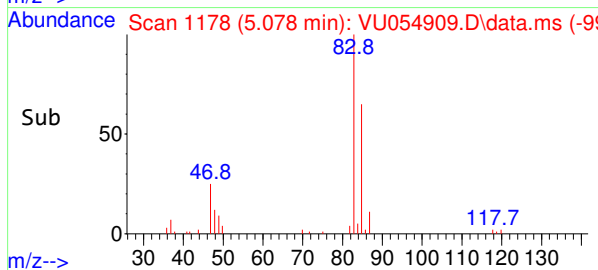
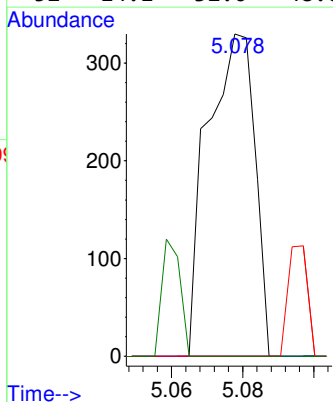
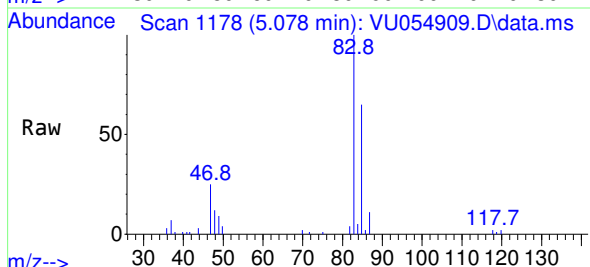
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WSDL

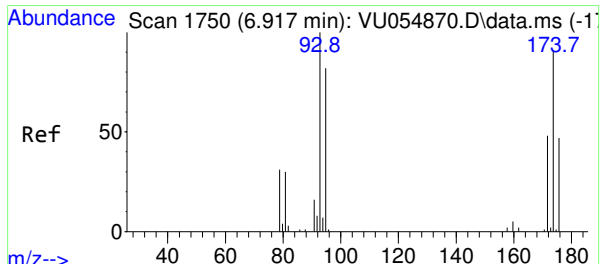
Tgt Ion: 83 Resp: 48870
Ion Ratio Lower Upper
83 100
85 69.1 0.0 135.2



#39
Methacrylonitrile
Concen: 0.20 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. 0.100 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Tgt Ion: 41 Resp: 305
Ion Ratio Lower Upper
41 100
67 0.0 77.0 115.4#
39 14.1 50.4 75.6#
52 14.1 32.0 48.0#

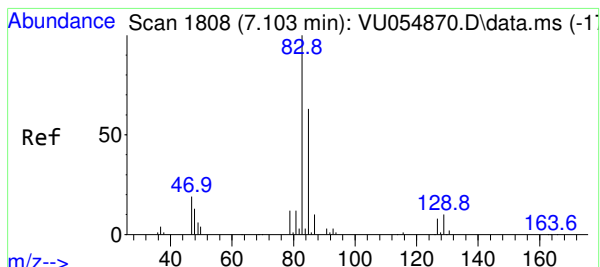
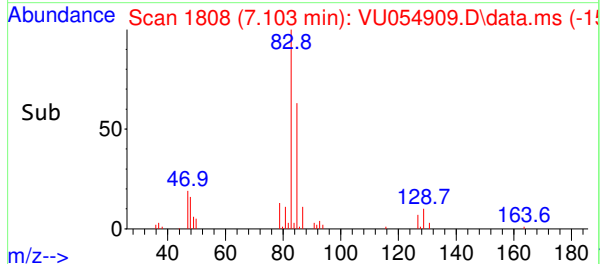
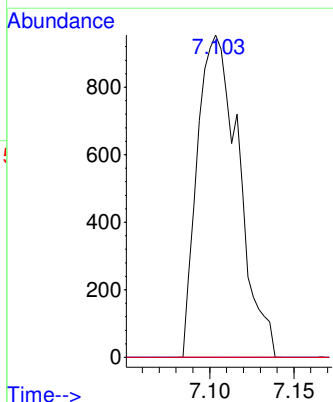
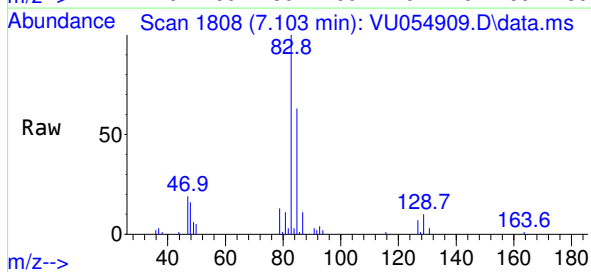




#43
Dibromomethane
Concen: 0.57 ug/l
RT: 7.103 min Scan# 1
Delta R.T. 0.187 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

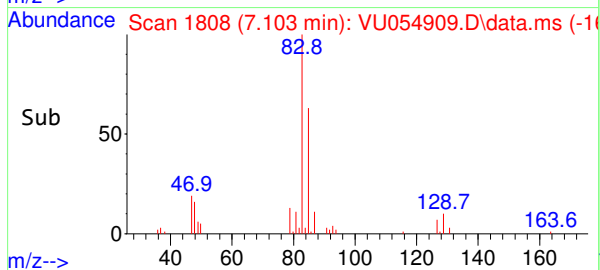
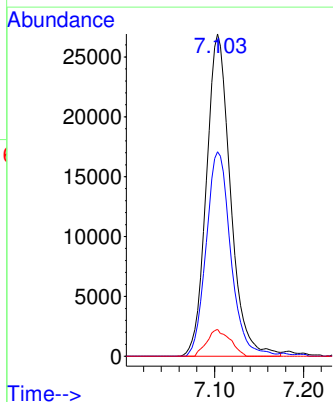
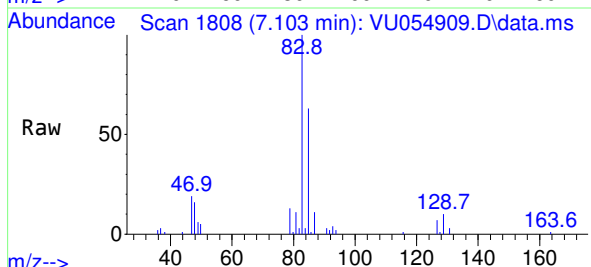
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WSDL

Tgt Ion: 93 Resp: 1628
Ion Ratio Lower Upper
93 100
95 0.0 64.7 97.1#
174 0.0 74.4 111.6#

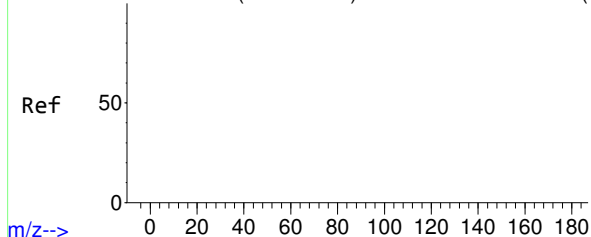


#44
Bromodichloromethane
Concen: 6.34 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Tgt Ion: 83 Resp: 50740
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.2
127 8.3 6.1 9.1



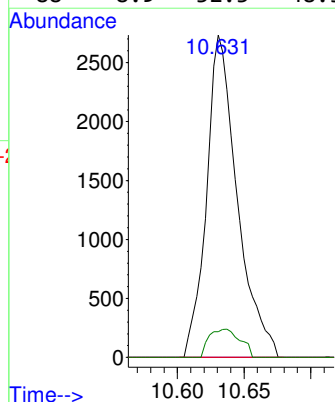
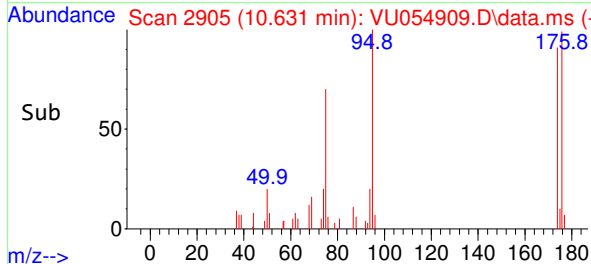
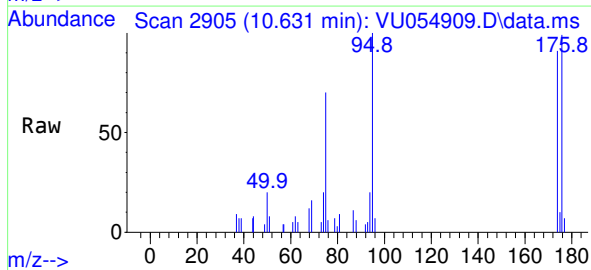
Abundance Scan 2967 (10.830 min): VU054870.D\data.ms (-2)



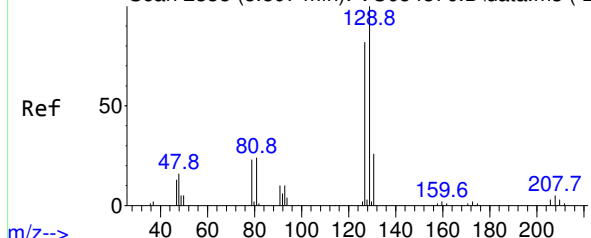
#46
t-1,4-Dichloro-2-butene
Concen: 3.25 ug/l
RT: 10.631 min Scan# 21
Delta R.T. -0.199 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WSDL

Tgt Ion:	75	Resp:	4376
Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.9	94.3#
89	0.0	47.8	71.8#
88	8.9	32.3	48.5#

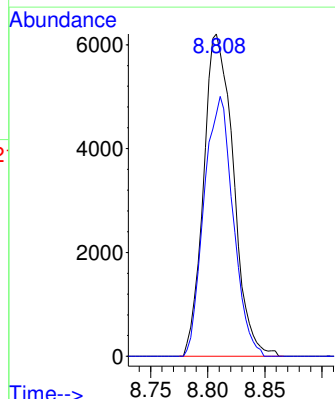
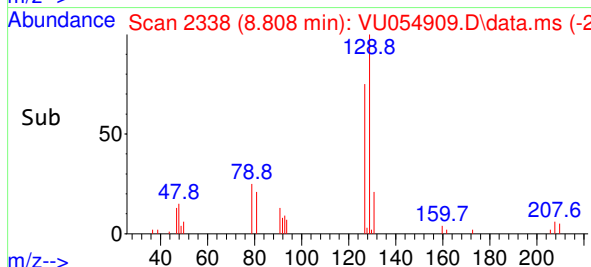
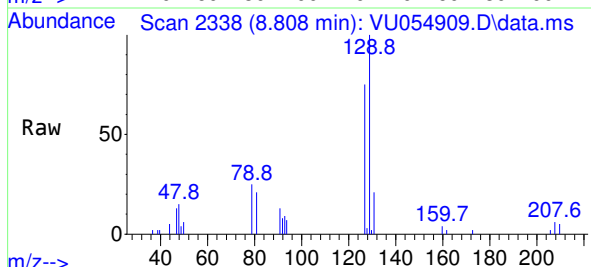


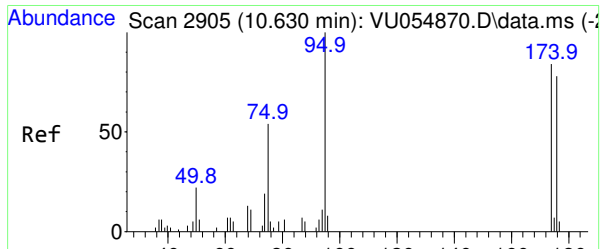
Abundance Scan 2338 (8.807 min): VU054870.D\data.ms (-2)



#55
Dibromochloromethane
Concen: 2.16 ug/l
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Tgt Ion:	129	Resp:	11250
Ion	Ratio	Lower	Upper
129	100		
127	78.6	61.4	92.0

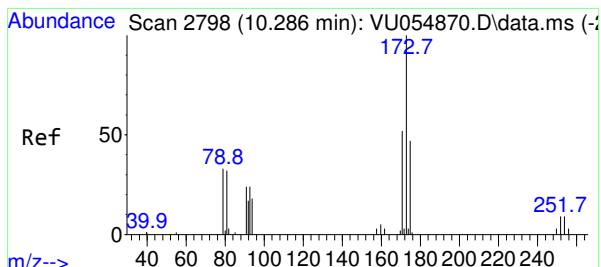
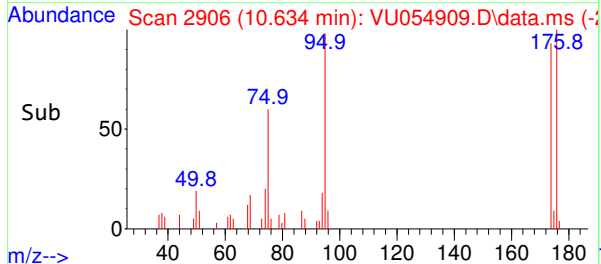
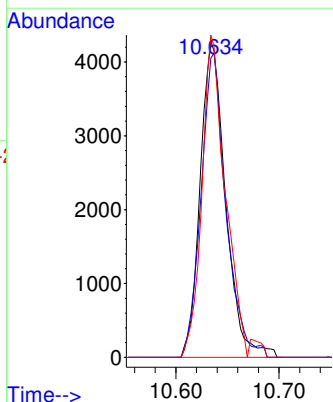
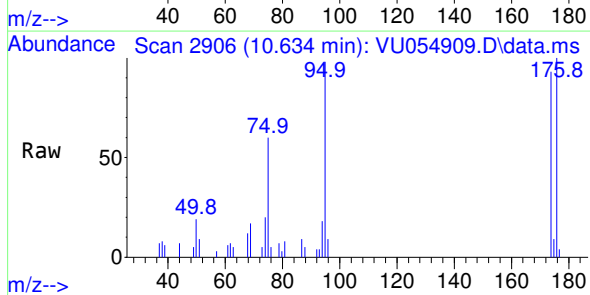




#57
4-Bromofluorobenzene
Concen: 1.01 ug/l
RT: 10.634 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

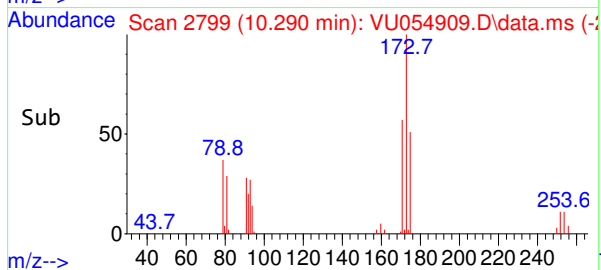
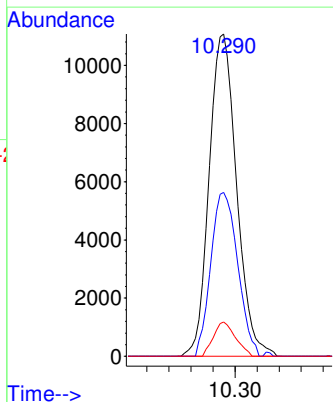
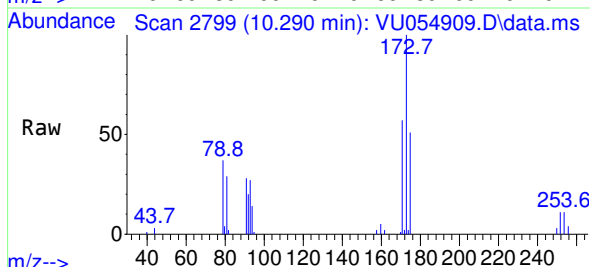
Instrument :
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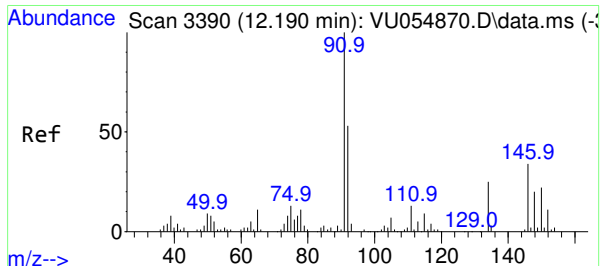
Tgt Ion:	95	Resp:	7322
Ion	Ratio	Lower	Upper
95	100		
174	93.2	79.3	118.9
176	93.3	71.5	107.3



#67
Bromoform
Concen: 7.07 ug/l
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Tgt Ion:	173	Resp:	19132
Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.0	58.6
254	8.5	7.4	11.0

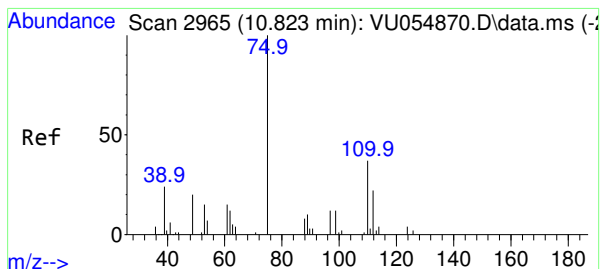
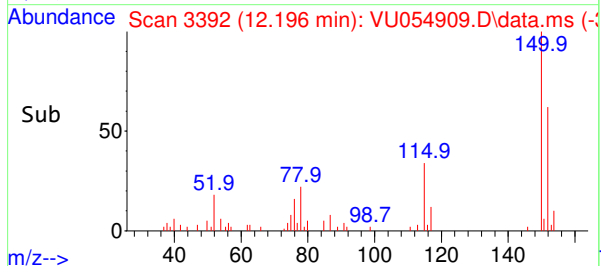
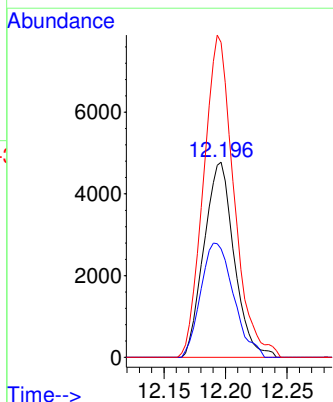
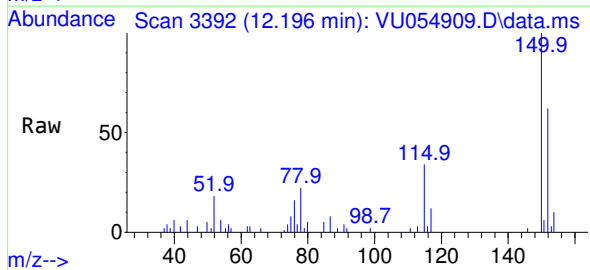




#68
1,2-Dichlorobenzene-d4
Concen: 0.99 ug/l
RT: 12.196 min Scan# 3
Delta R.T. 0.007 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WSDL

Tgt Ion:	152	Resp:	8143
Ion	Ratio	Lower	Upper
152	100		
115	63.6	0.0	234.8
150	166.0	0.0	598.2



#71
1,2,3-Trichloropropane
Concen: 1.09 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. -0.193 min
Lab File: VU054909.D
Acq: 28 Jul 2023 13:53

Tgt Ion:	75	Resp:	4376
Ion	Ratio	Lower	Upper
75	100		
77	0.4	0.0	0.0#
110	0.0	0.0	80.8
97	0.0	0.0	43.4

