

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057821.D
 Acq On : 06 Feb 2024 14:47
 Operator : MD/SY
 Sample : P1174-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-EDBCP-WS

Quant Time: Feb 07 03:00:57 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)

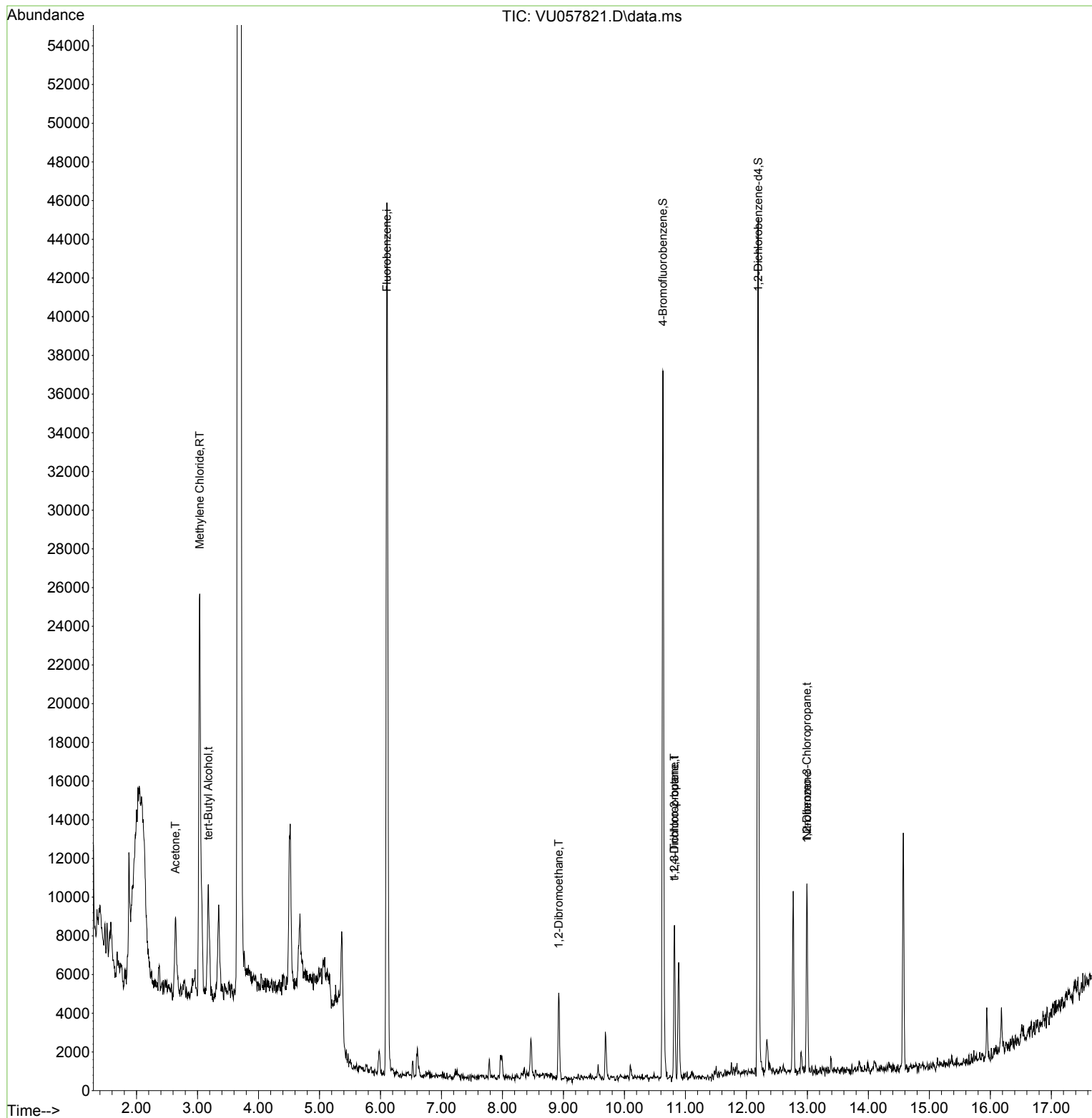
Internal Standards						
1) Fluorobenzene	6.106	96	40800	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13969	0.933	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	11746	0.887	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
13) Acetone	2.637	43	5463	1.346	ug/l	88
15) Methylene Chloride	3.036	84	9591	0.761	ug/l	94
24) tert-Butyl Alcohol	3.177	59	3690	6.712	ug/l #	1
46) t-1,4-Dichloro-2-butene	10.820	75	3742	2.257	ug/l #	15
56) 1,2-Dibromoethane	8.923	107	2650	0.372	ug/l	95
71) 1,2,3-Trichloropropane	10.820	75	3742	0.462	ug/l	82
80) Nitrobenzene	12.994	77	1007	5.269	ug/l #	40
86) 1,2-Dibromo-3-Chloropr...	12.990	75	2420	1.582	ug/l	94

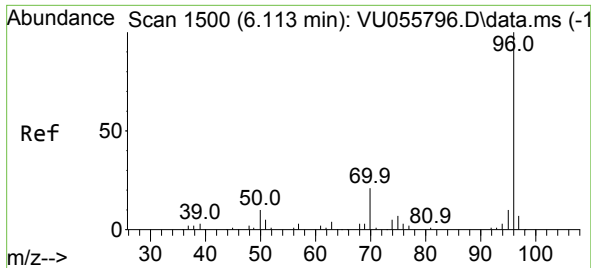
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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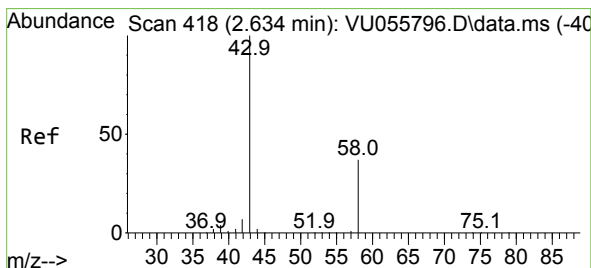
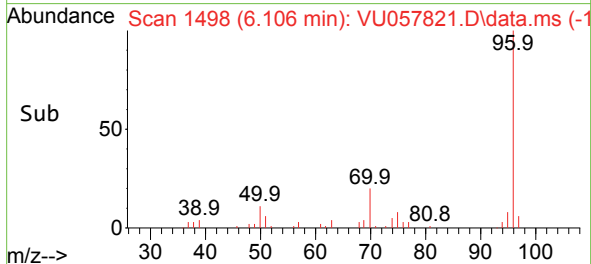
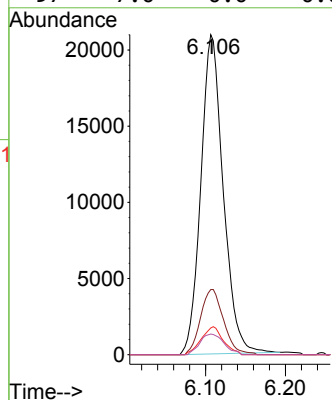
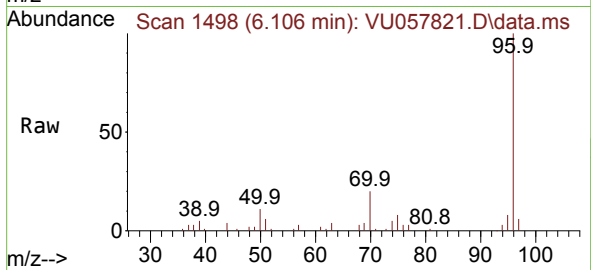




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47

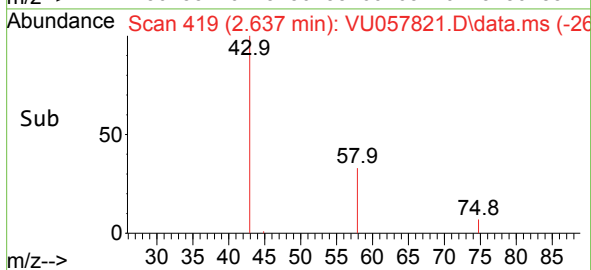
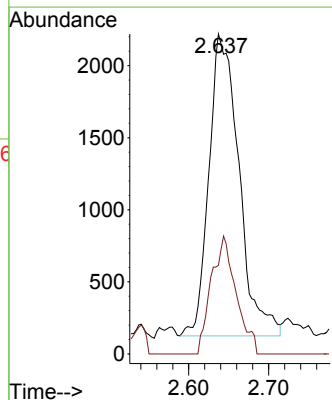
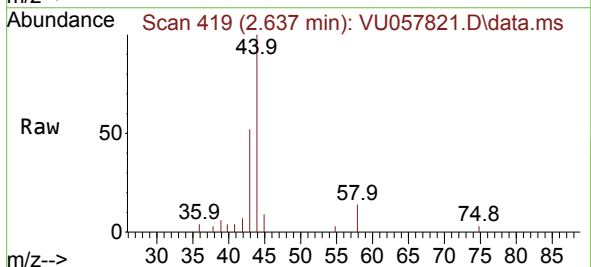
Instrument :
MSVOA_U
ClientSampleId :
PT-EDBCP-WS

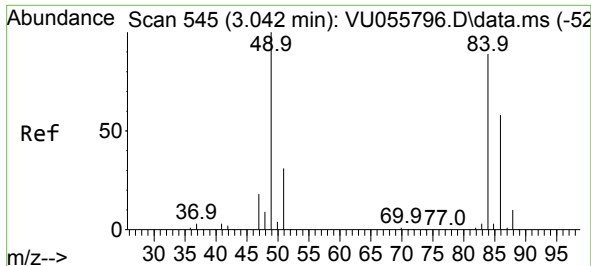
Tgt Ion: 96 Resp: 40800
Ion Ratio Lower Upper
96 100
70 21.1 16.5 24.7
95 8.6 7.4 11.0
97 7.0 0.0 0.0#



#13
Acetone
Concen: 1.346 ug/l
RT: 2.637 min Scan# 419
Delta R.T. 0.006 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47

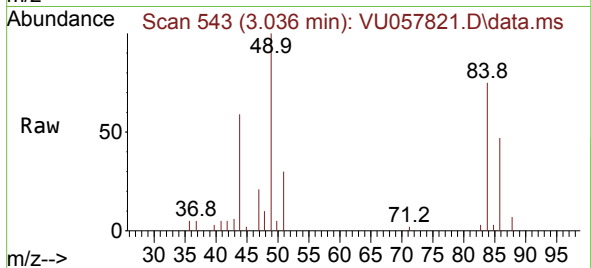
Tgt Ion: 43 Resp: 5463
Ion Ratio Lower Upper
43 100
58 29.4 29.0 43.4



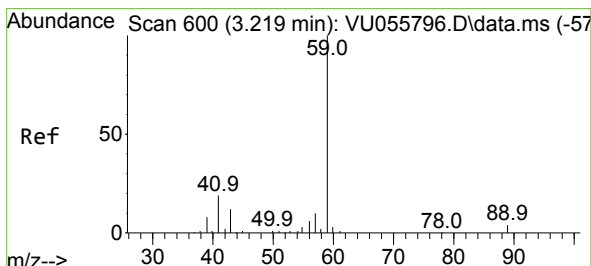
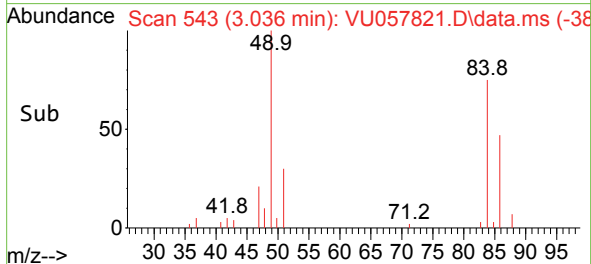
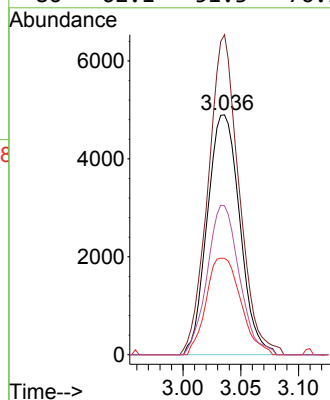


#15
Methylene Chloride
Concen: 0.761 ug/l
RT: 3.036 min Scan# 54
Delta R.T. 0.010 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47

Instrument :
MSVOA_U
ClientSampleId :
PT-EDBCP-WS

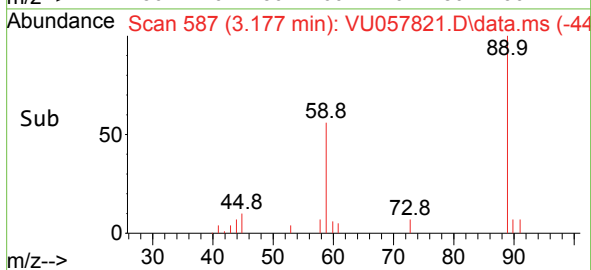
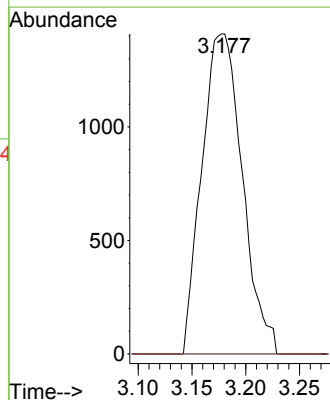
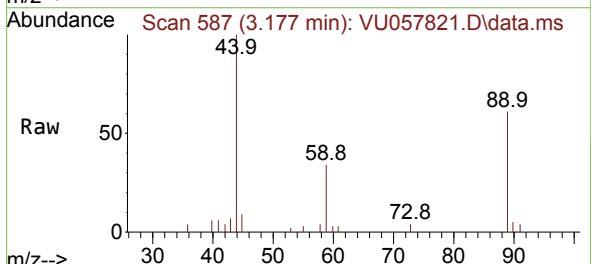


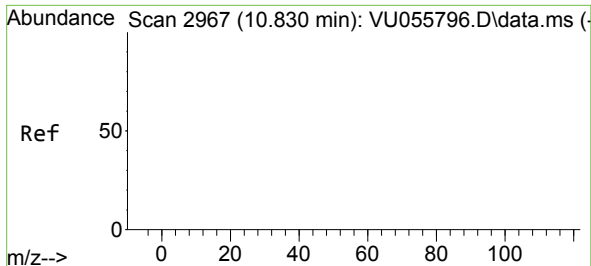
Tgt Ion:	84	Resp:	9591
Ion	Ratio	Lower	Upper
84	100		
49	133.4	98.9	148.3
51	40.1	0.0	75.4
86	62.1	51.3	76.9



#24
tert-Butyl Alcohol
Concen: 6.712 ug/l
RT: 3.177 min Scan# 587
Delta R.T. -0.055 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47

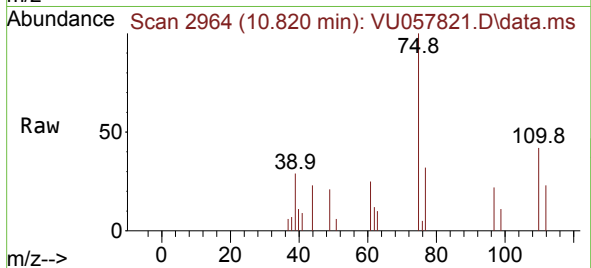
Tgt Ion:	59	Resp:	3690
Ion	Ratio	Lower	Upper
59	100		
57	0.0	105.6	158.4#



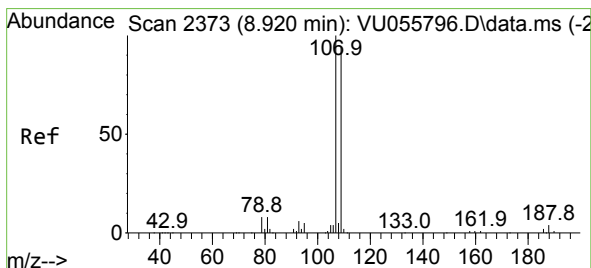
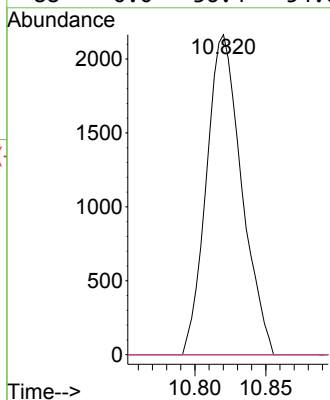
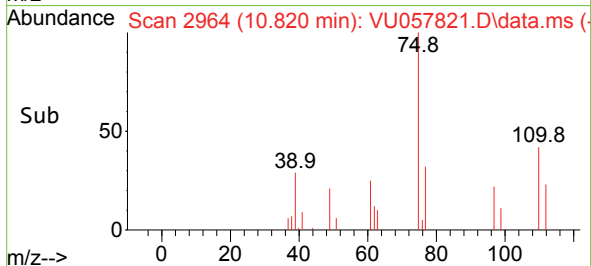


#46
t-1,4-Dichloro-2-butene
Concen: 2.257 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.016 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47

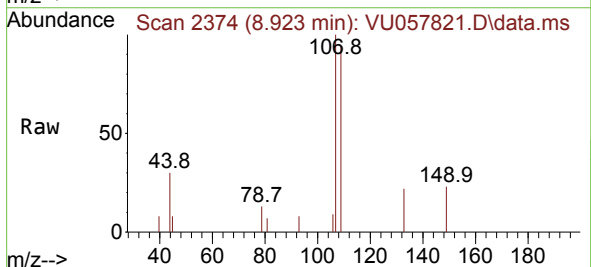
Instrument :
MSVOA_U
ClientSampleId :
PT-EDBCP-WS



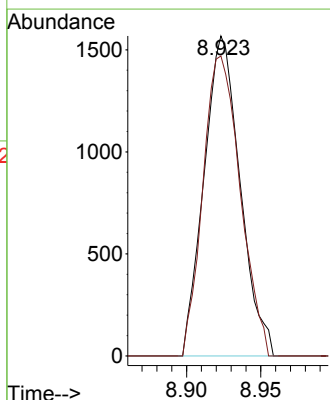
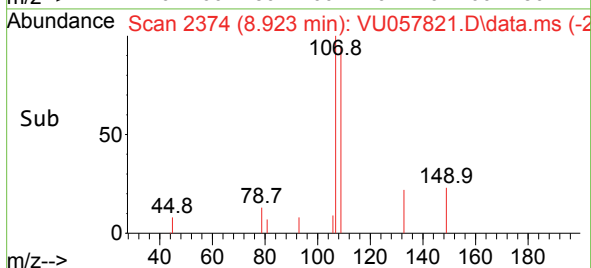
Tgt Ion: 75 Resp: 3742
Ion Ratio Lower Upper
75 100
53 0.0 73.3 109.9#
89 0.0 48.2 72.4#
88 0.0 36.4 54.6#

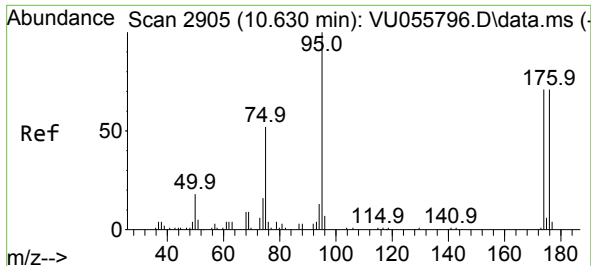


#56
1,2-Dibromoethane
Concen: 0.372 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.006 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47



Tgt Ion: 107 Resp: 2650
Ion Ratio Lower Upper
107 100
109 96.8 0.0 184.4

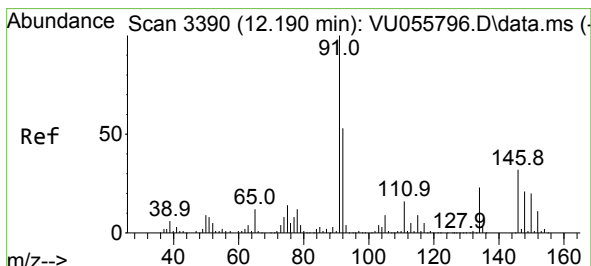
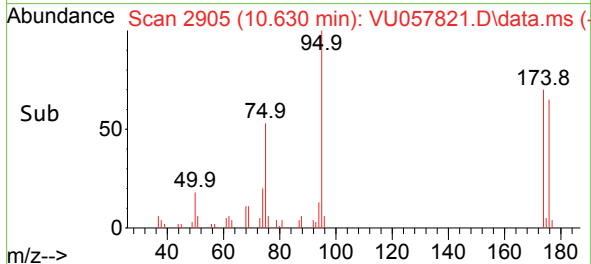
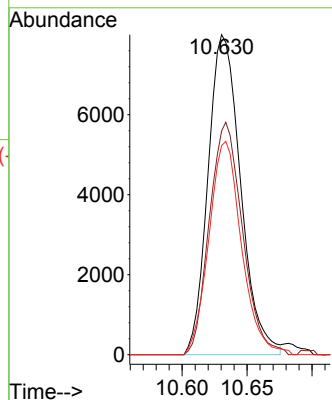
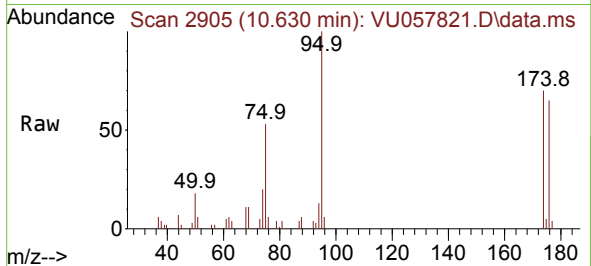




#57
4-Bromofluorobenzene
Concen: 0.933 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47

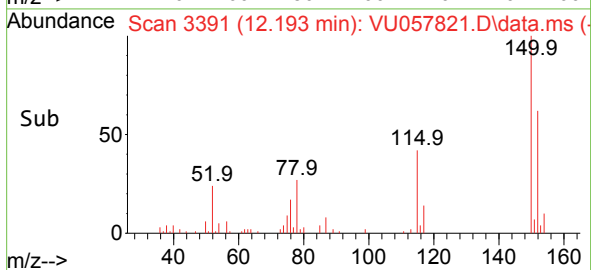
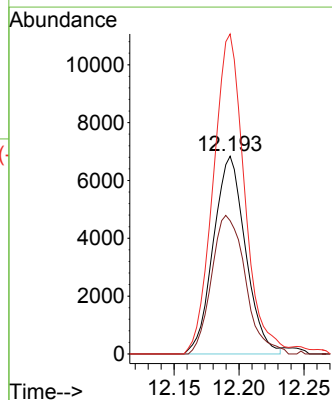
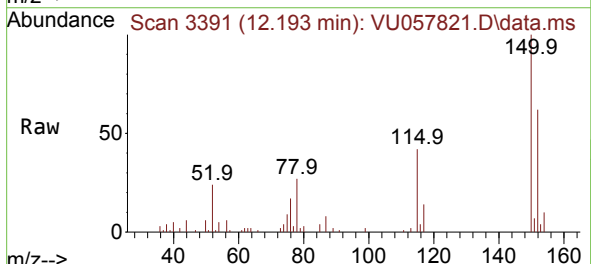
Instrument :
MSVOA_U
ClientSampleId :
PT-EDBCP-WS

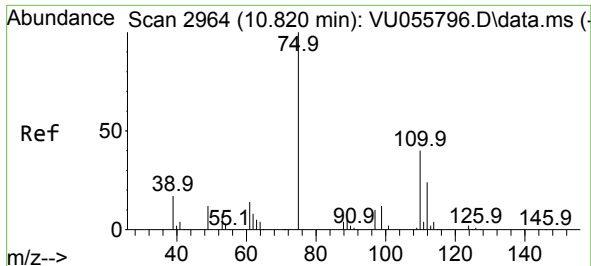
Tgt Ion: 95 Resp: 13969
Ion Ratio Lower Upper
95 100
174 73.6 63.3 94.9
176 66.6 59.3 88.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.887 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47

Tgt Ion: 152 Resp: 11746
Ion Ratio Lower Upper
152 100
115 73.8 0.0 308.8
150 157.6 0.0 635.0

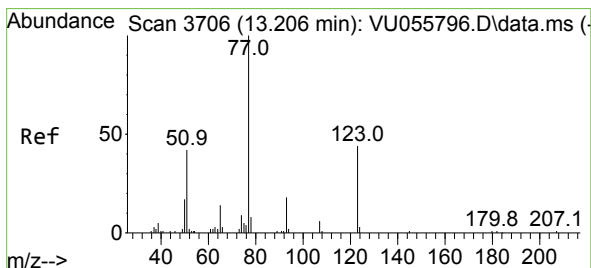
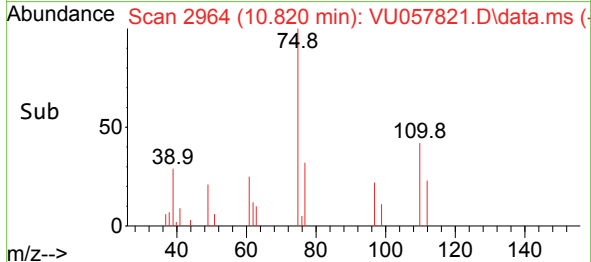
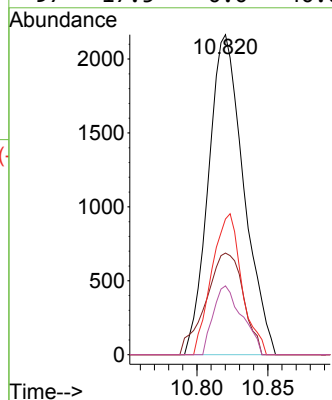
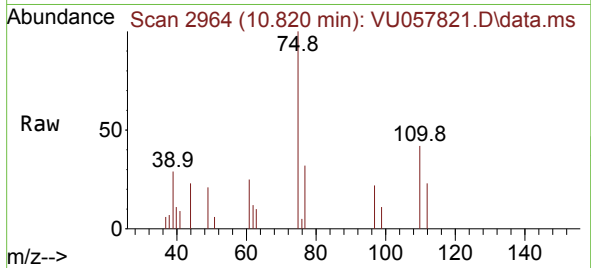




#71
1,2,3-Trichloropropane
Concen: 0.462 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.013 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47

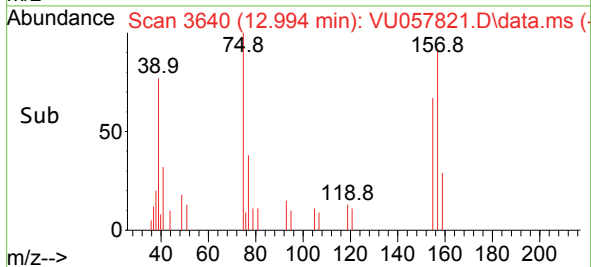
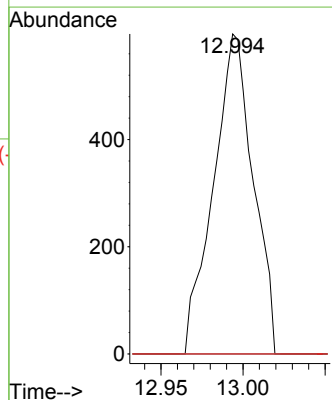
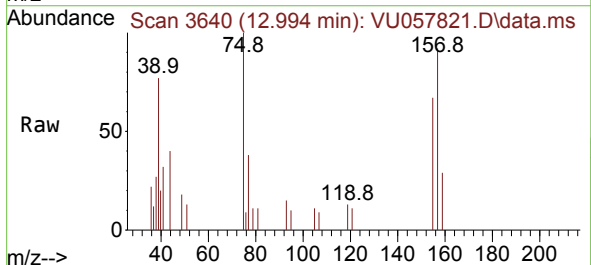
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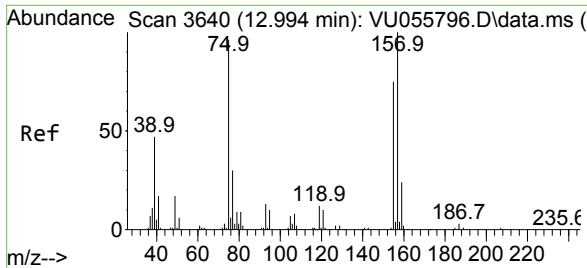
Tgt Ion: 75	Resp:	3742
Ion	Ratio	Lower Upper
75	100	
77	33.6	0.0 116.4
110	37.4	0.0 74.6
97	17.5	0.0 40.0



#80
Nitrobenzene
Concen: 5.269 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. -0.212 min
Lab File: VU057821.D
Acq: 06 Feb 2024 14:47

Tgt Ion: 77	Resp:	1007
Ion	Ratio	Lower Upper
77	100	
123	0.0	19.7 69.7#
65	0.0	11.5 14.7#





#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.582 ug/l
 RT: 12.990 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VU057821.D
 Acq: 06 Feb 2024 14:47

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 2420
 Ion Ratio Lower Upper
 75 100
 155 69.8 61.8 92.8
 157 97.0 80.2 120.4

