

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046651.D
 Acq On : 30 Dec 2021 16:12
 Operator : SY/MD
 Sample : M5221-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-122221-FD

Quant Time: Dec 31 07:26:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Dec 30 12:44:59 2021
 Response via : Initial Calibration

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

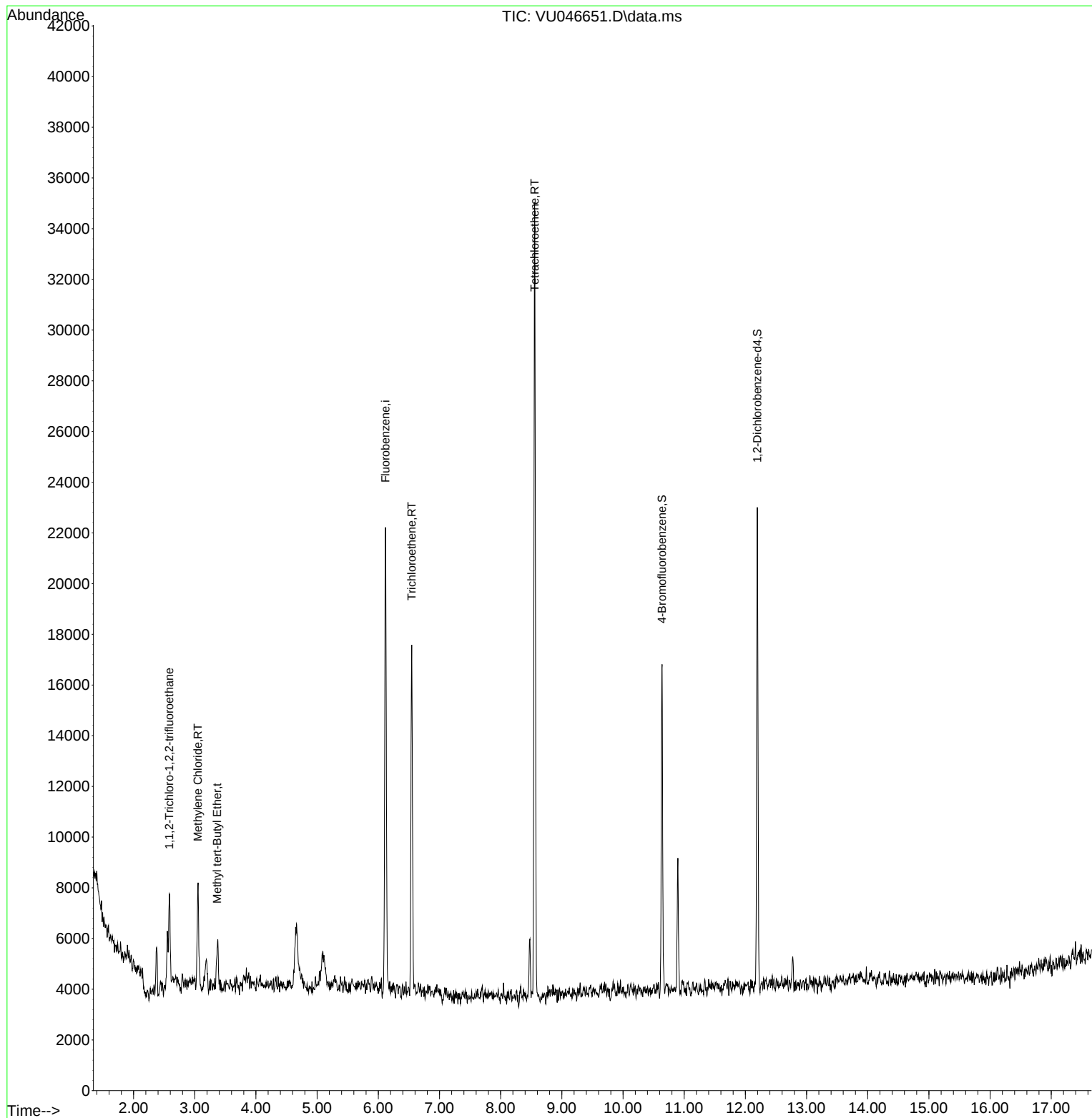
Internal Standards						
1) Fluorobenzene	6.118	96	16688	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	4621	0.778	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	5293	0.824	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	1411	0.298	ug/l	90
15) Methylene Chloride	3.051	84	1912	0.194	ug/l	91
25) Methyl tert-Butyl Ether	3.366	73	2029	0.189	ug/l	# 74
37) Trichloroethene	6.546	130	4483	0.940	ug/l	95
58) Tetrachloroethene	8.555	164	6917	1.640	ug/l	94

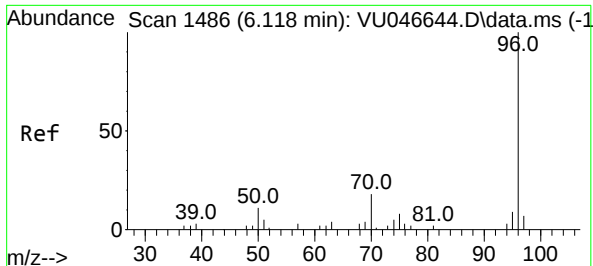
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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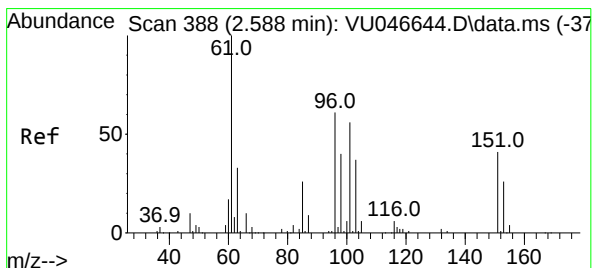
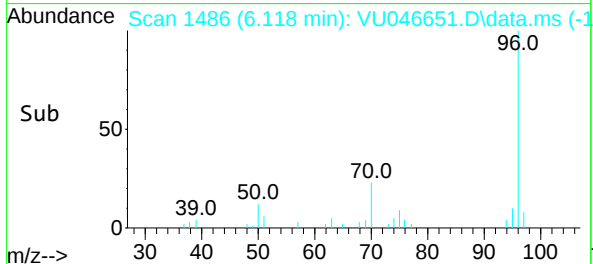
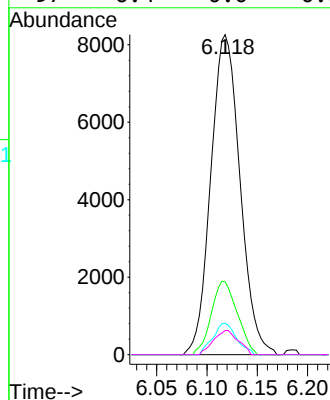
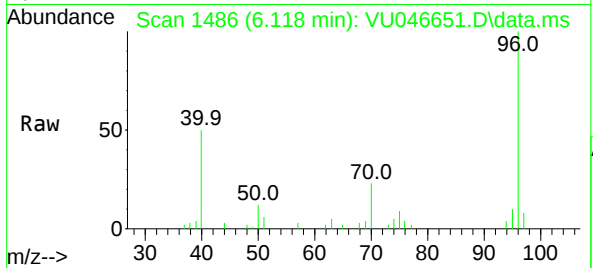




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU046651.D
Acq: 30 Dec 2021 16:12

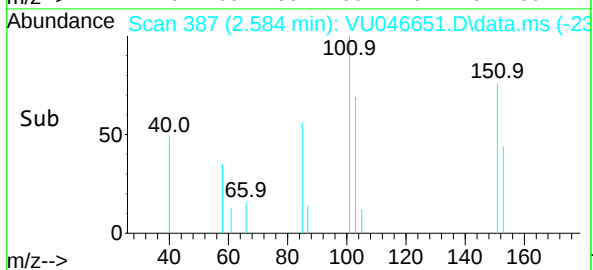
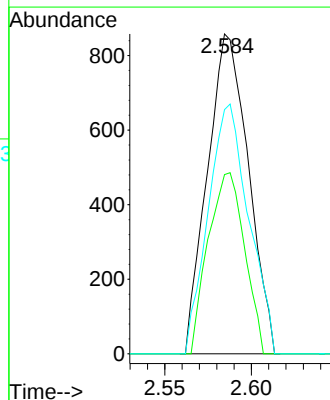
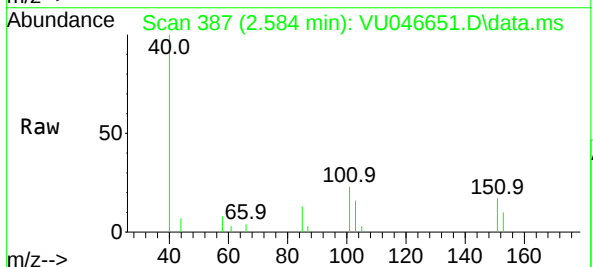
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221-FD

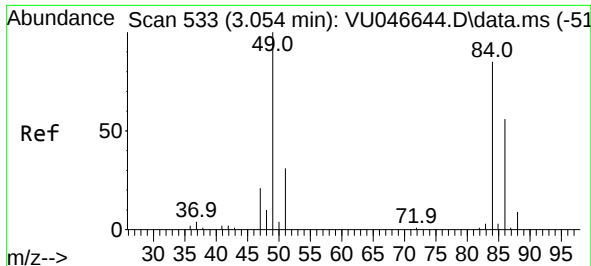
Tgt Ion: 96	Resp: 16688
Ion Ratio	Lower Upper
96 100	
70 20.3	16.8 25.2
95 8.0	7.3 10.9
97 6.4	0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.298 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.004 min
Lab File: VU046651.D
Acq: 30 Dec 2021 16:12

Tgt Ion:101	Resp: 1411
Ion Ratio	Lower Upper
101 100	
85 50.3	35.8 53.6
151 77.4	54.6 81.8



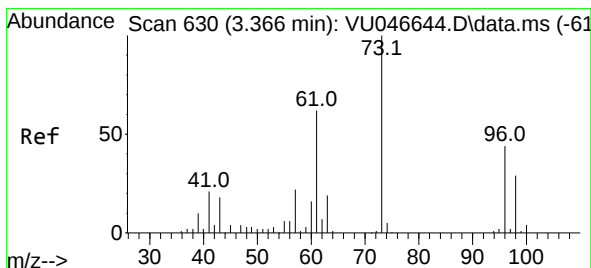
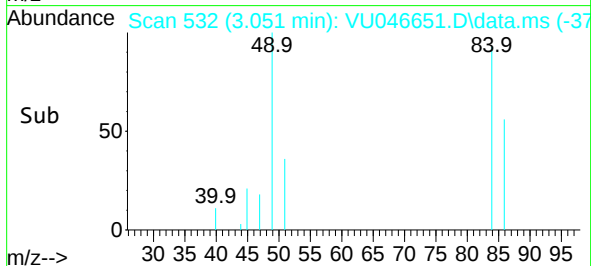
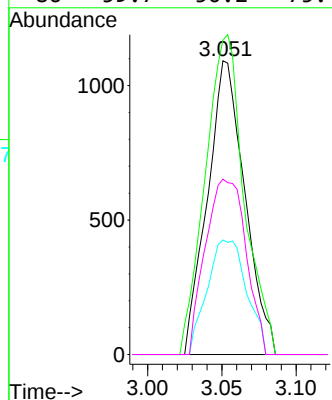
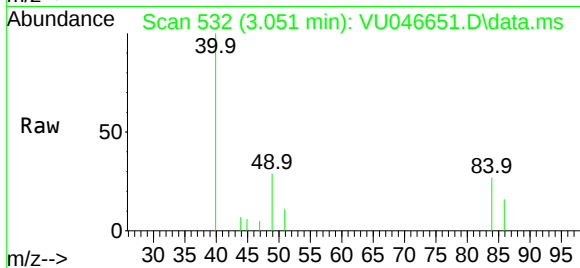


#15
Methylene Chloride
Concen: 0.194 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU046651.D
Acq: 30 Dec 2021 16:12

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221-FD

Tgt Ion: 84 Resp: 1912

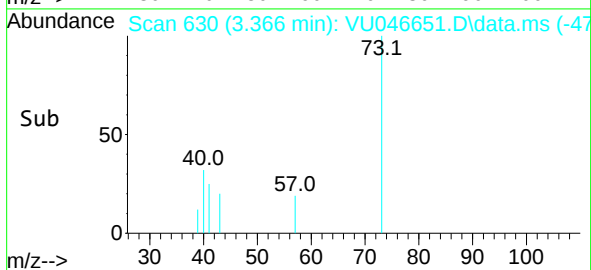
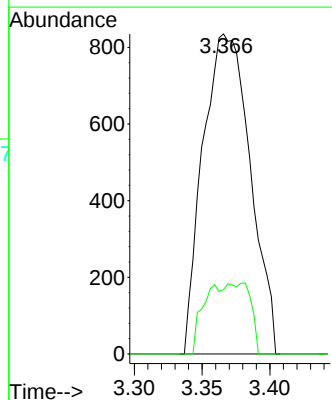
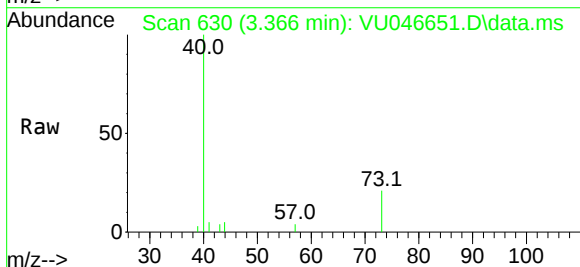
Ion	Ratio	Lower	Upper
84	100		
49	107.1	97.2	145.8
51	39.0	0.0	73.4
86	59.7	50.2	75.4

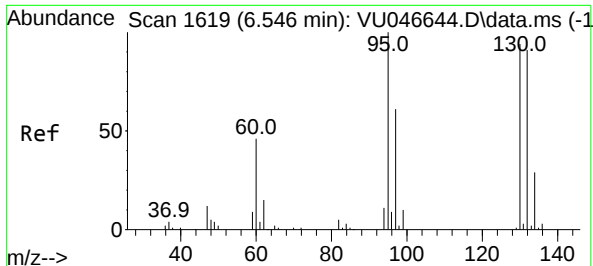


#25
Methyl tert-Butyl Ether
Concen: 0.189 ug/l
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU046651.D
Acq: 30 Dec 2021 16:12

Tgt Ion: 73 Resp: 2029

Ion	Ratio	Lower	Upper
73	100		
43	8.3	16.3	24.5





#37

Trichloroethene

Concen: 0.940 ug/l

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046651.D

Acq: 30 Dec 2021 16:12

Instrument :

MSVOA_U

ClientSampleId :

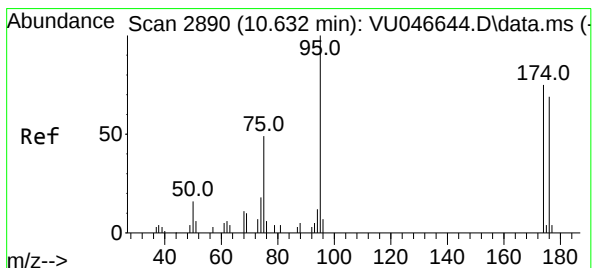
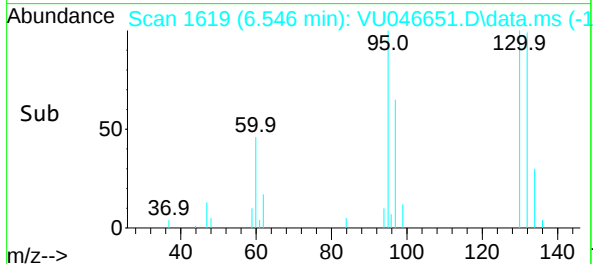
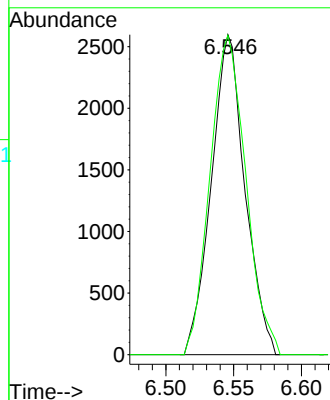
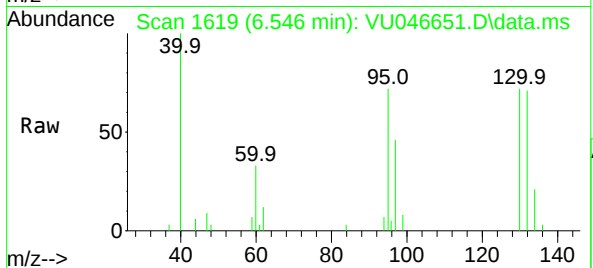
PW-B6-L10-122221-FD

Tgt Ion:130 Resp: 4483

Ion Ratio Lower Upper

130 100

95 99.8 83.8 125.8



#57

4-Bromofluorobenzene

Concen: 0.778 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.004 min

Lab File: VU046651.D

Acq: 30 Dec 2021 16:12

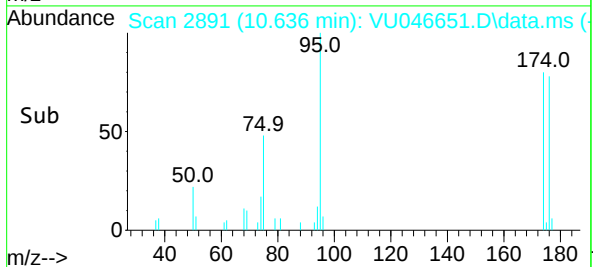
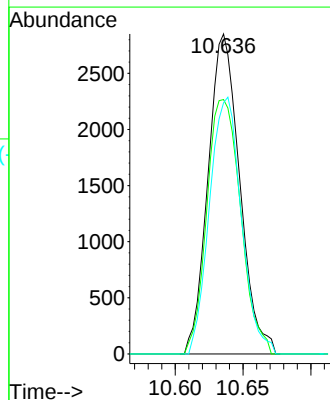
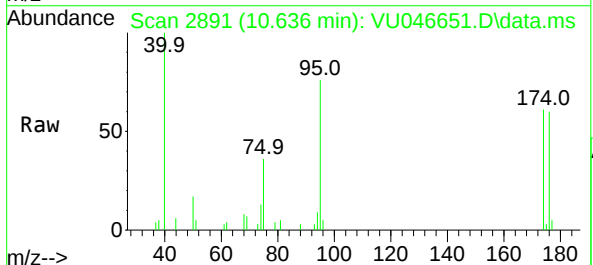
Tgt Ion: 95 Resp: 4621

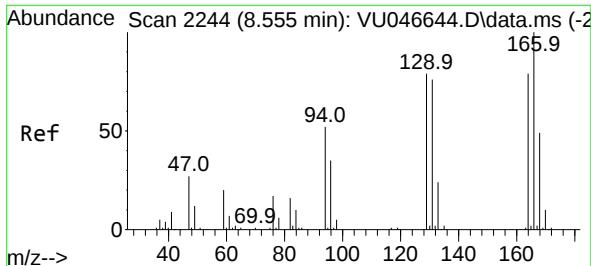
Ion Ratio Lower Upper

95 100

174 85.0 56.6 84.8#

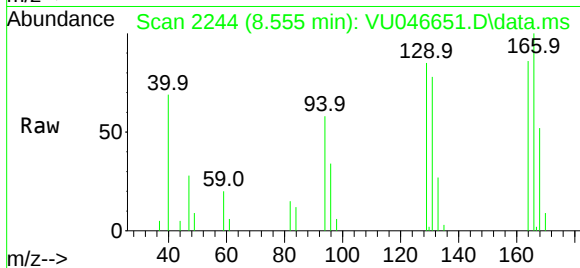
176 80.7 54.3 81.5



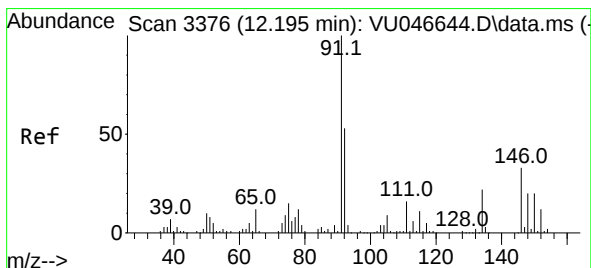
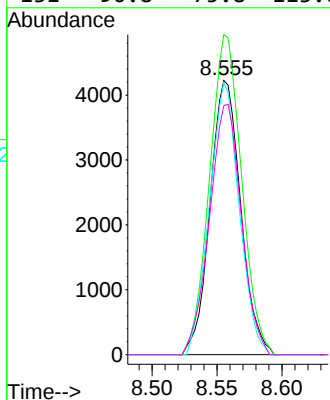
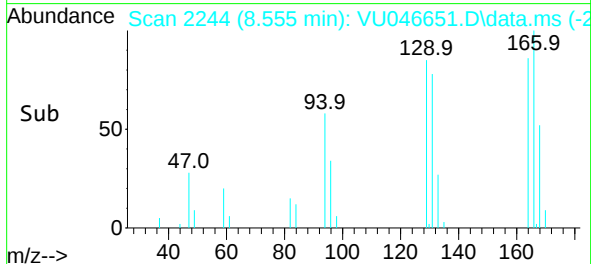


#58
Tetrachloroethene
Concen: 1.640 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046651.D
Acq: 30 Dec 2021 16:12

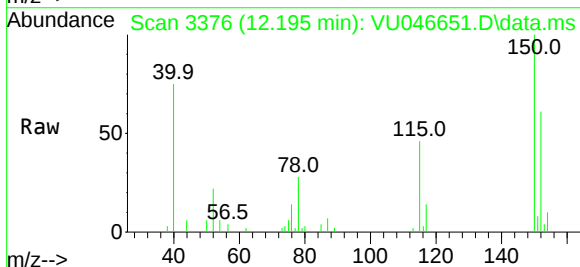
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221-FD



Tgt Ion:164 Resp: 6917
Ion Ratio Lower Upper
164 100
166 116.7 102.0 153.0
129 99.2 77.1 115.7
131 90.8 75.8 113.6



#68
1,2-Dichlorobenzene-d4
Concen: 0.824 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU046651.D
Acq: 30 Dec 2021 16:12



Tgt Ion:152 Resp: 5293
Ion Ratio Lower Upper
152 100
115 72.1 0.0 251.0
150 164.3 0.0 613.8

