

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090121\
 Data File : VU044548.D
 Acq On : 01 Sep 2021 14:01
 Operator : SY/MD
 Sample : M3586-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 02 11:44:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 01 01:29:46 2021
 Response via : Initial Calibration

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

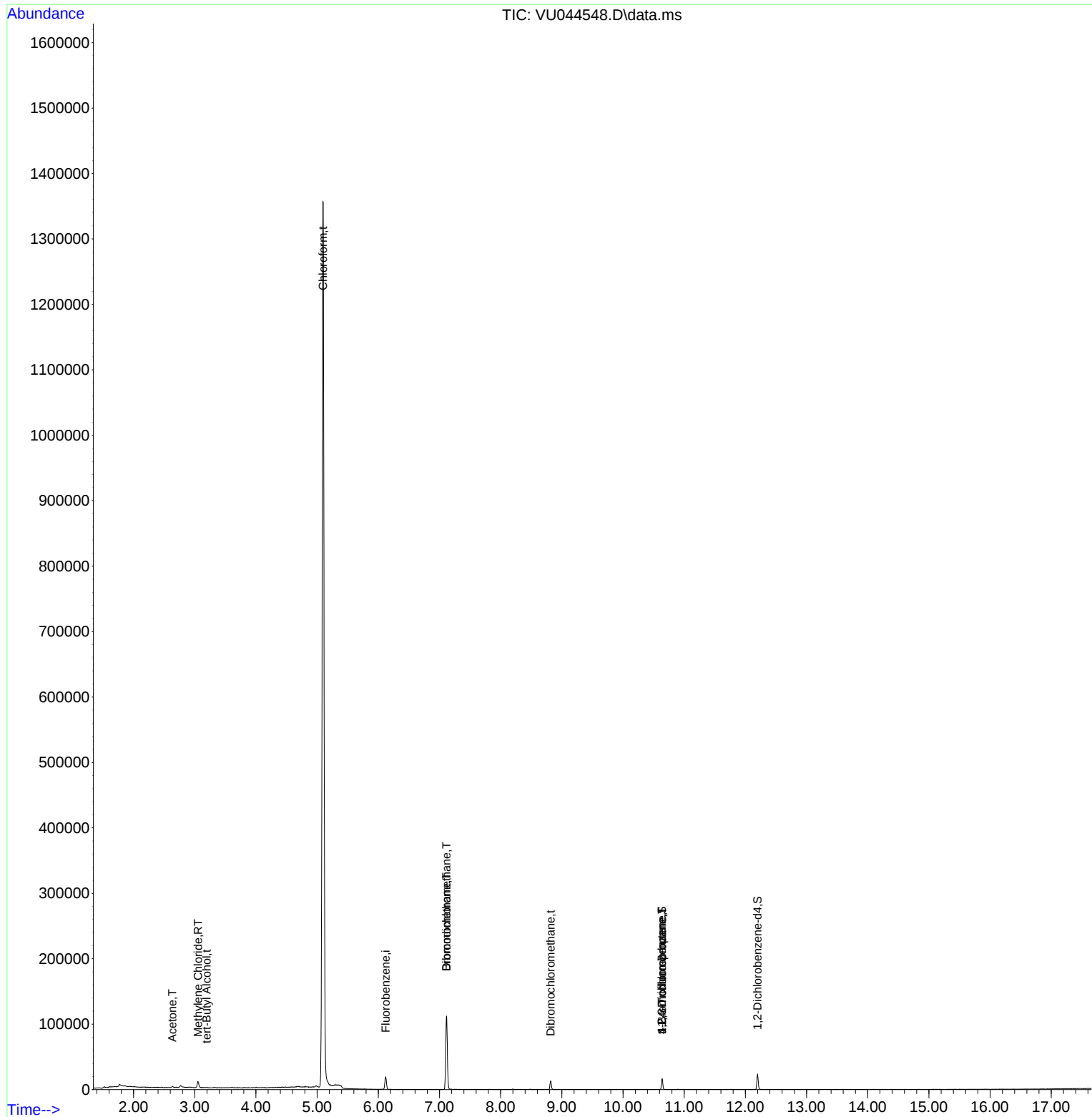
Internal Standards						
1) Fluorobenzene	6.121	96	18092	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	5348	0.77	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.00%	
68) 1,2-Dichlorobenzene-d4	12.198	152	6407	0.80	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.00%	
Target Compounds						
						Qvalue
13) Acetone	2.636	43	2577	2.87	ug/l	90
15) Methylene Chloride	3.054	84	4660	0.35	ug/l	95
24) tert-Butyl Alcohol	3.195	59	140	0.44	ug/l #	77
27) Chloroform	5.096	83	1194257	65.61	ug/l	100
43) Dibromomethane	7.115	93	2331	0.77	ug/l #	3
44) Bromodichloromethane	7.115	83	73177	10.46	ug/l	98
46) t-1,4-Dichloro-2-butene	10.639	75	3130	2.39	ug/l #	22
55) Dibromochloromethane	8.819	129	6705	1.37	ug/l	95
71) 1,2,3-Trichloropropane	10.639	75	3130	0.76	ug/l #	29

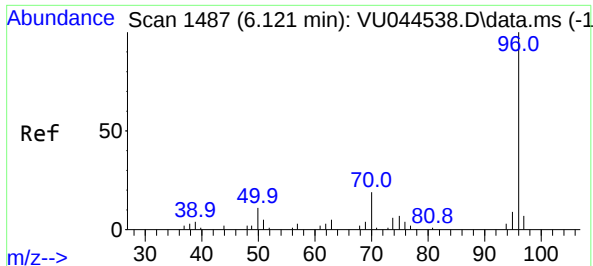
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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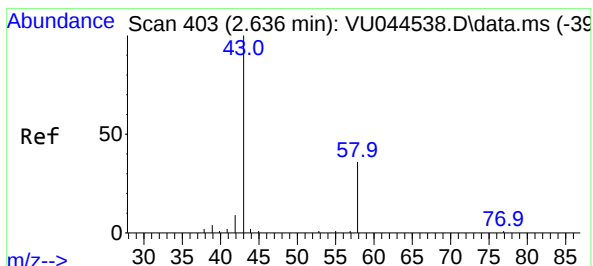
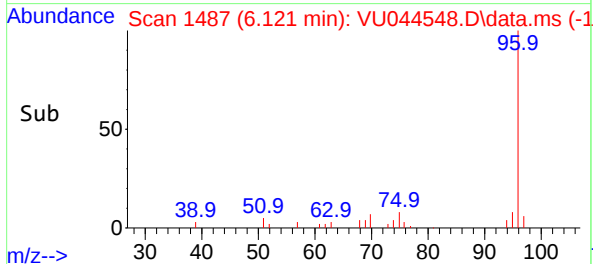
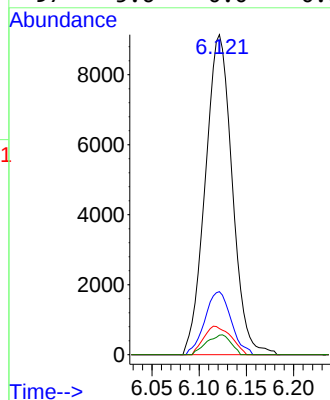
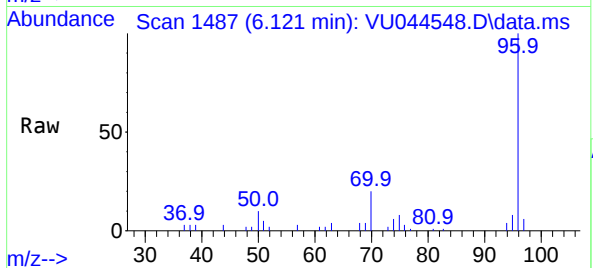




#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

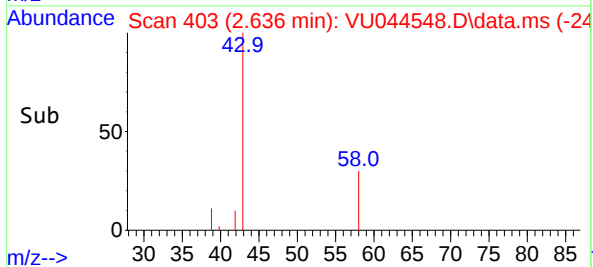
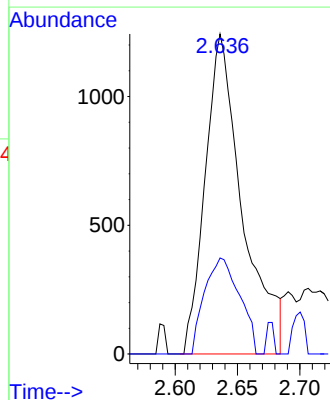
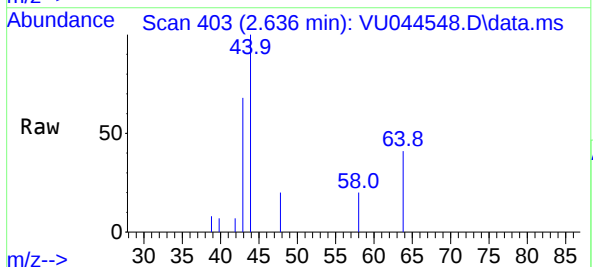
Instrument :
MSVOA_U
ClientSampled :

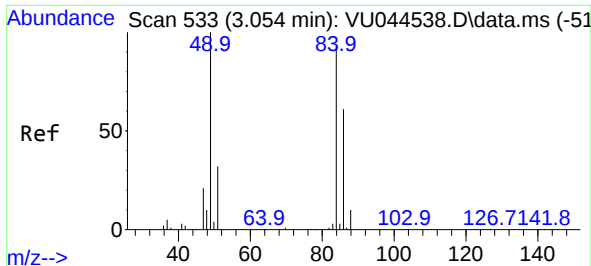
Tgt Ion:	96	Resp:	18092
Ion	Ratio	Lower	Upper
96	100		
70	19.2	16.2	24.2
95	9.0	7.0	10.6
97	5.6	0.0	0.0



#13
Acetone
Concen: 2.87 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

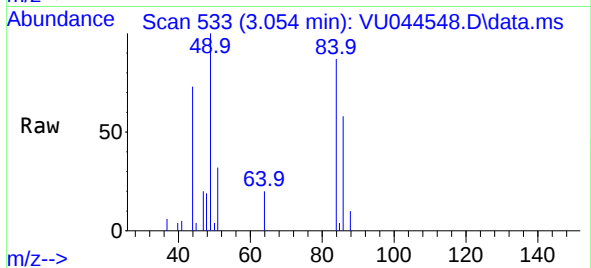
Tgt Ion:	43	Resp:	2577
Ion	Ratio	Lower	Upper
43	100		
58	30.0	28.5	42.7



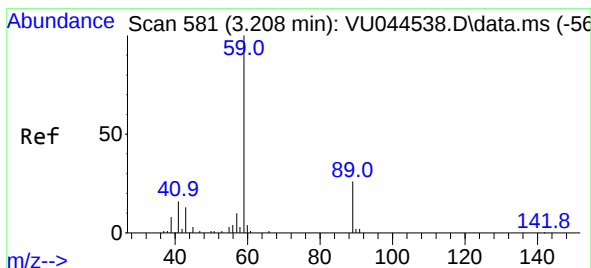
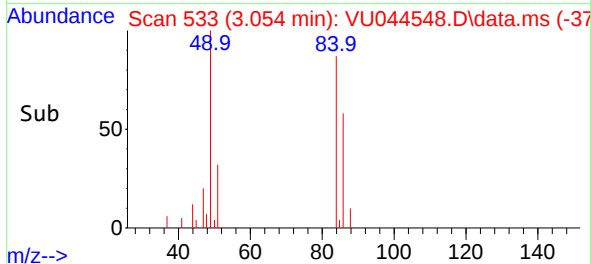
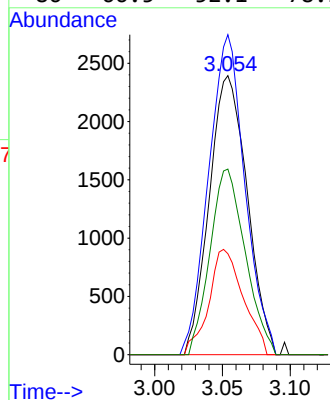


#15
Methylene Chloride
Concen: 0.35 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

Instrument :
MSVOA_U
ClientSampled :

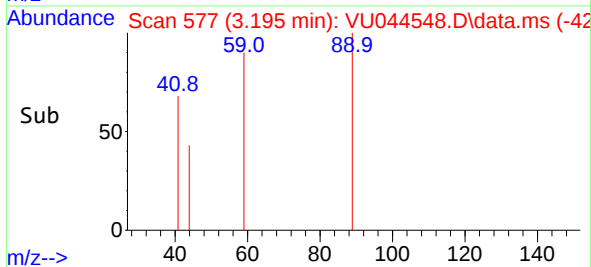
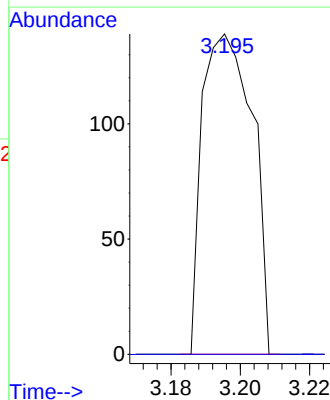
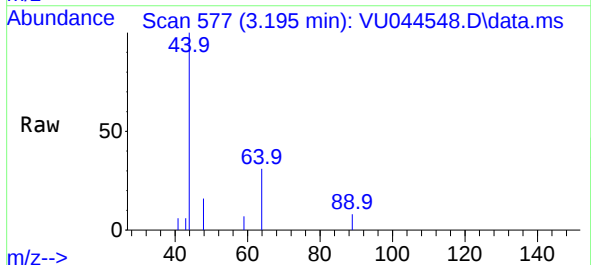


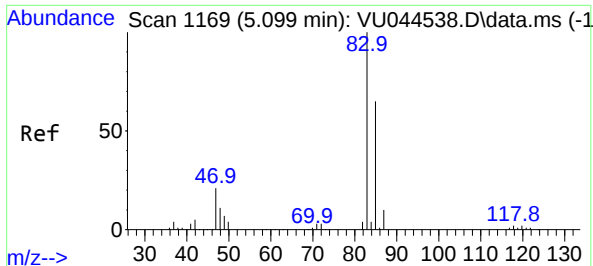
Tgt Ion: 84 Resp: 4660
Ion Ratio Lower Upper
84 100
49 114.7 85.6 128.4
51 36.2 0.0 67.6
86 66.5 52.1 78.1



#24
tert-Butyl Alcohol
Concen: 0.44 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.013 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 6.6 9.8#

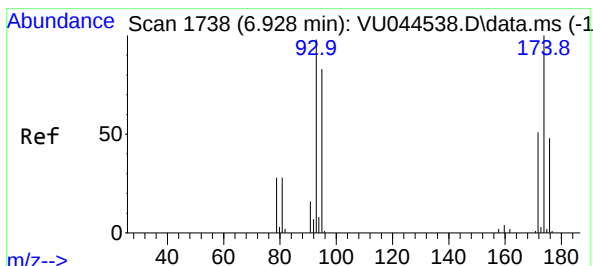
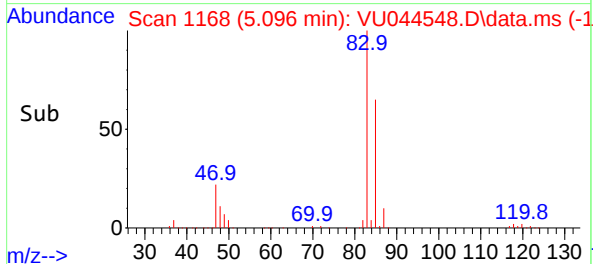
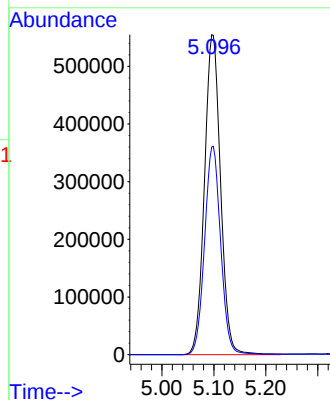
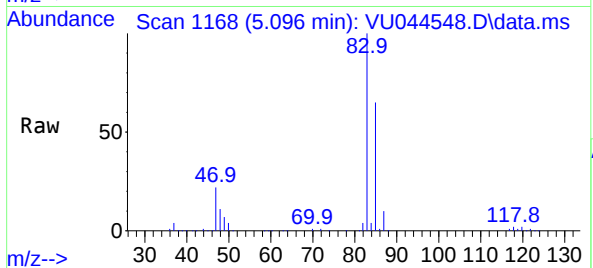




#27
Chloroform
Concen: 65.61 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

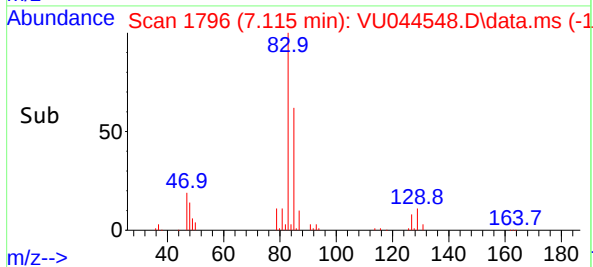
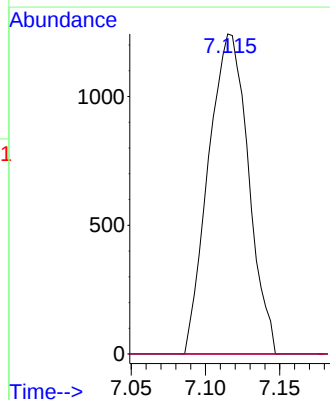
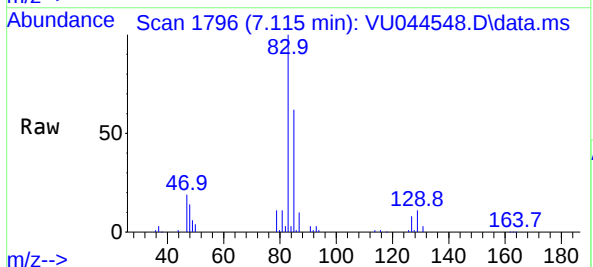
Instrument :
MSVOA_U
ClientSampled :

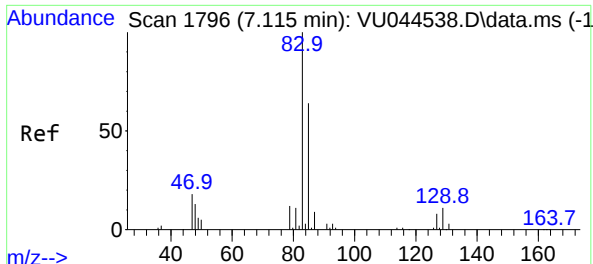
Tgt Ion: 83 Resp: 1194257
Ion Ratio Lower Upper
83 100
85 64.9 0.0 129.8



#43
Dibromomethane
Concen: 0.77 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.187 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

Tgt Ion: 93 Resp: 2331
Ion Ratio Lower Upper
93 100
95 0.0 68.2 102.4#
174 0.0 80.0 120.0#



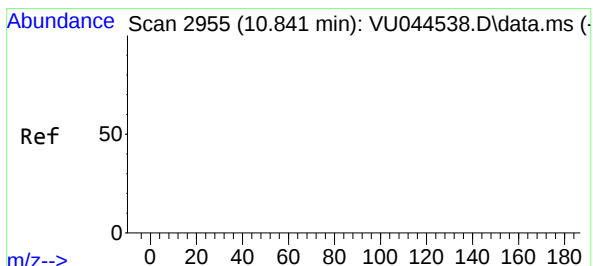
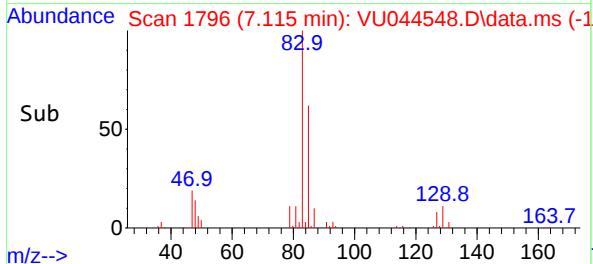
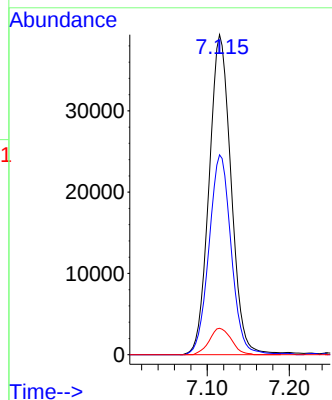
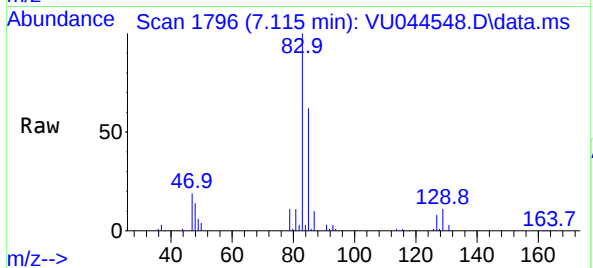


#44
Bromodichloromethane
Concen: 10.46 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 83 Resp: 73177

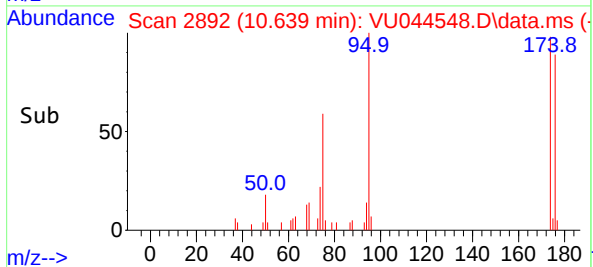
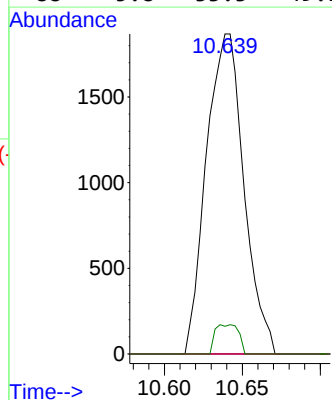
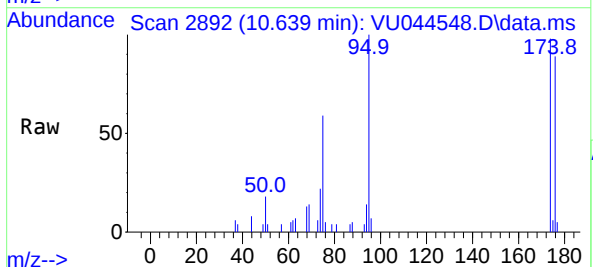
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.4	77.2
127	9.2	7.2	10.8

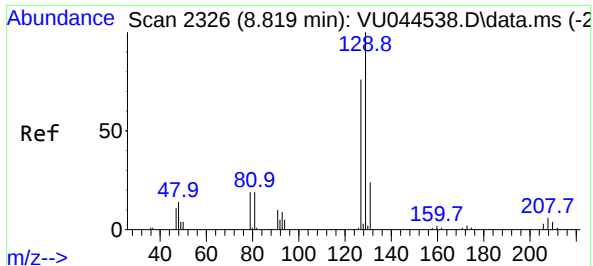


#46
t-1,4-Dichloro-2-butene
Concen: 2.39 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.202 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

Tgt Ion: 75 Resp: 3130

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.0	96.0#
89	0.0	42.1	63.1#
88	5.8	33.3	49.9#

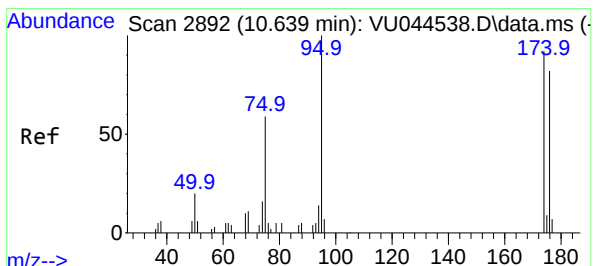
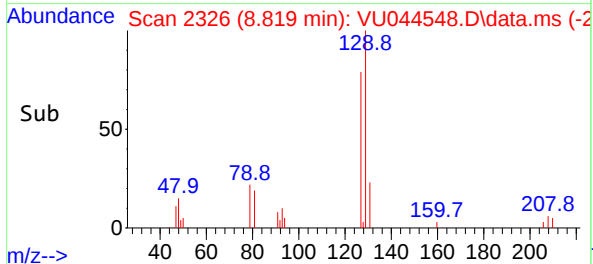
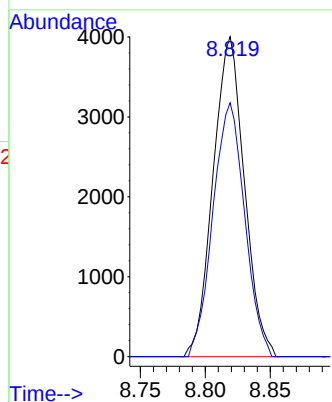
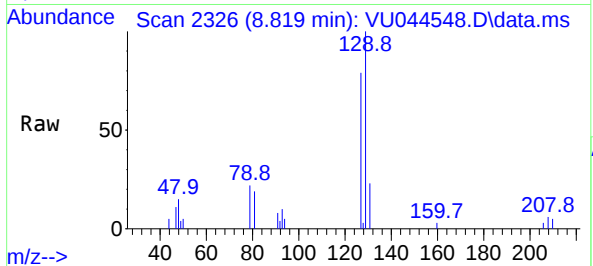




#55
Dibromochloromethane
Concen: 1.37 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

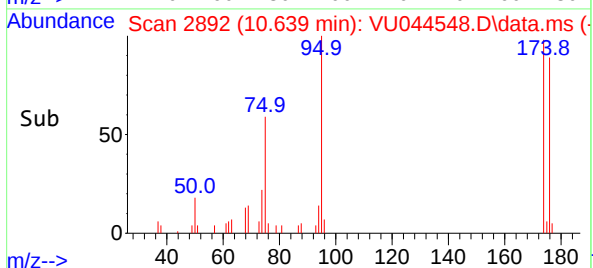
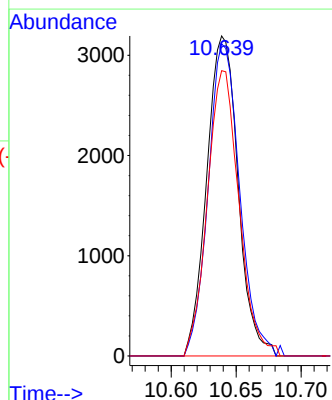
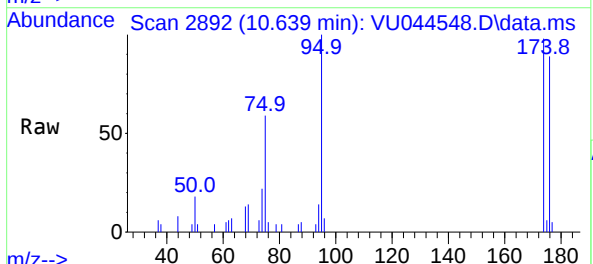
Instrument :
MSVOA_U
ClientSampled :

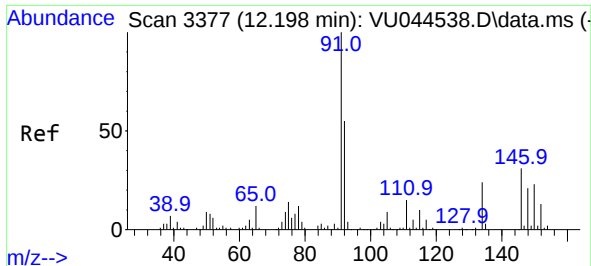
Tgt Ion:129 Resp: 6705
Ion Ratio Lower Upper
129 100
127 80.5 60.8 91.2



#57
4-Bromofluorobenzene
Concen: 0.77 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

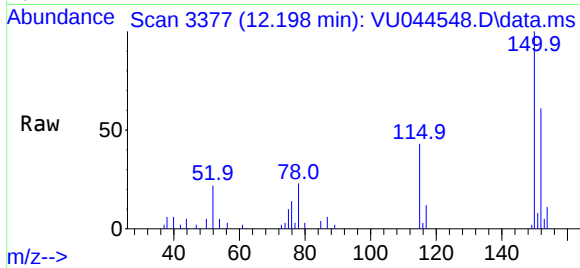
Tgt Ion: 95 Resp: 5348
Ion Ratio Lower Upper
95 100
174 97.9 65.9 98.9
176 89.9 63.0 94.4



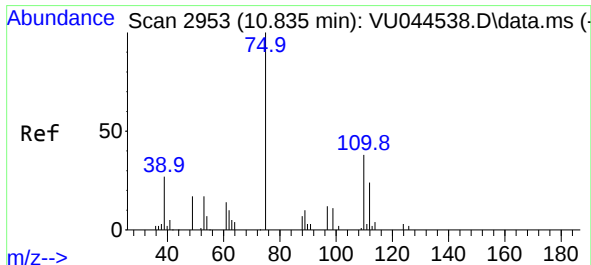
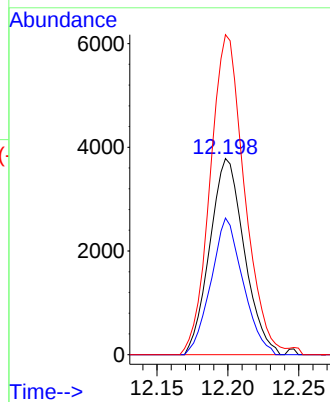
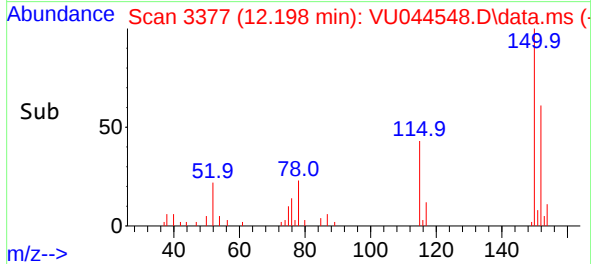


#68
1,2-Dichlorobenzene-d4
Concen: 0.80 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01

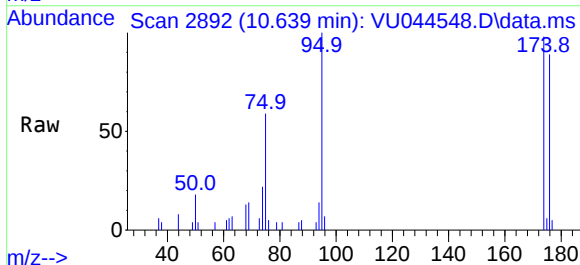
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:152 Resp: 6407
Ion Ratio Lower Upper
152 100
115 64.6 0.0 277.8
150 163.2 0.0 674.2



#71
1,2,3-Trichloropropane
Concen: 0.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU044548.D
Acq: 01 Sep 2021 14:01



Tgt Ion: 75 Resp: 3130
Ion Ratio Lower Upper
75 100
77 0.0 0.0 120.8
110 0.0 0.0 97.4
97 0.0 0.0 49.2

