

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
 Data File : VU042212.D
 Acq On : 28 Jan 2021 20:00
 Operator : SY/MD
 Sample : M1126-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 08:04:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jan 29 08:01:38 2021
 Response via : Initial Calibration

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

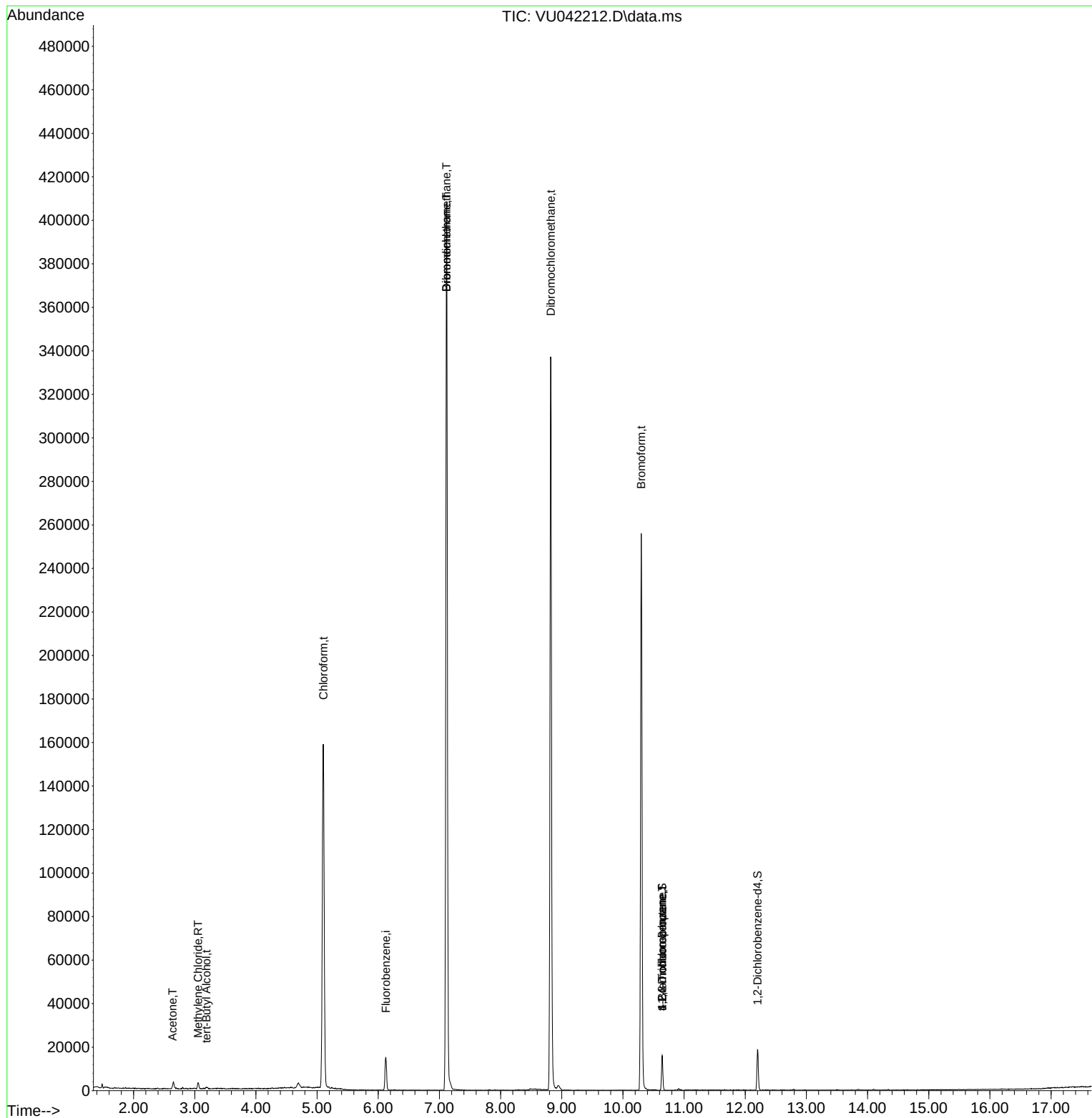
Internal Standards						
1) Fluorobenzene	6.125	96	13612	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	5292	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	5040	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
						Qvalue
13) Acetone	2.639	43	112	0.21	ug/l	# 48
15) Methylene Chloride	3.054	84	1192	0.31	ug/l	95
24) tert-Butyl Alcohol	3.189	59	245	1.38	ug/l	# 72
27) Chloroform	5.102	83	134261	20.36	ug/l	99
39) Methacrylonitrile	4.996	41	81	Below	Cal	# 26
41) Tetrahydrofuran	5.063	42	42	Below	Cal	# 36
43) Dibromomethane	7.118	93	8080	3.76	ug/l	# 2
44) Bromodichloromethane	7.118	83	254132	48.29	ug/l	99
46) t-1,4-Dichloro-2-butene	10.642	75	2875	2.51	ug/l	# 15
55) Dibromochloromethane	8.822	129	168736	47.59	ug/l	99
67) Bromoform	10.301	173	114613	51.42	ug/l	99
71) 1,2,3-Trichloropropane	10.642	75	2875	0.94	ug/l	# 36

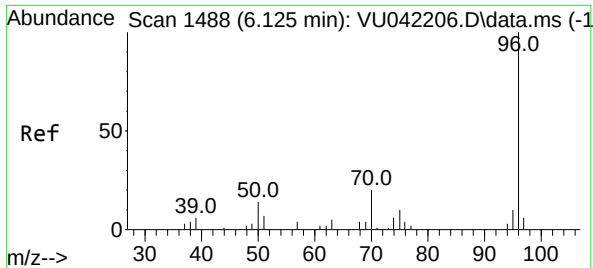
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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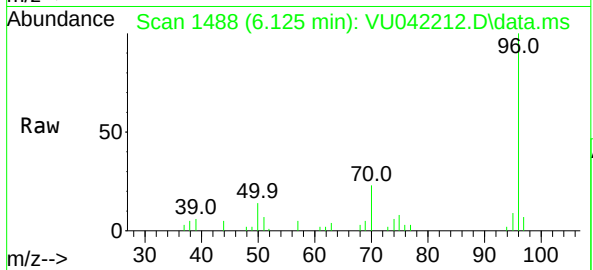
Quant Time: Jan 29 08:04:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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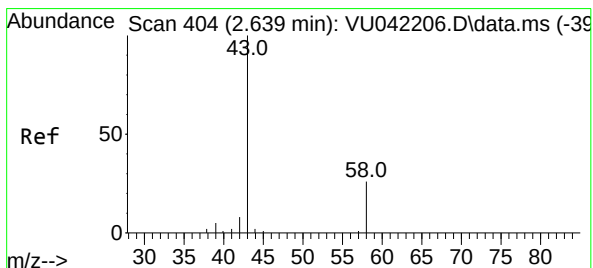
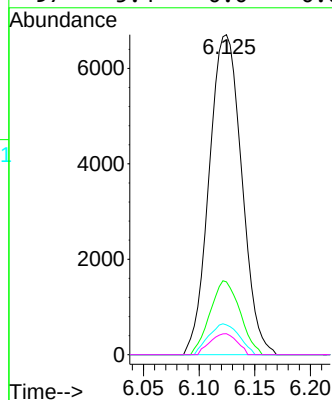
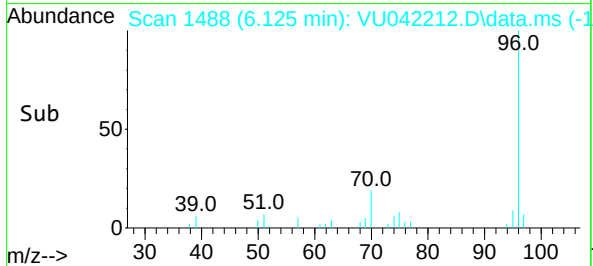
#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.125 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VU042212.D
Acq: 28 Jan 2021 20:00

Instrument :
MSVOA_U
ClientSampleId :

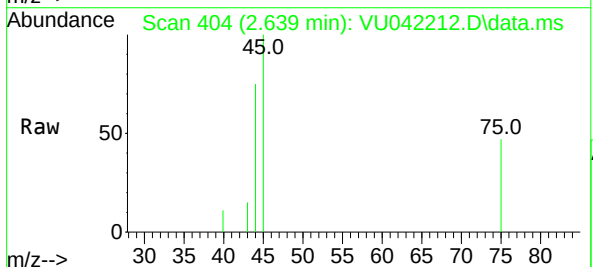


Tgt Ion: 96 Resp: 13612

Ion	Ratio	Lower	Upper
96	100		
70	21.3	16.3	24.5
95	9.0	7.6	11.4
97	5.4	0.0	0.0

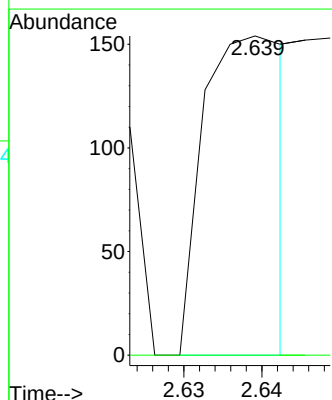
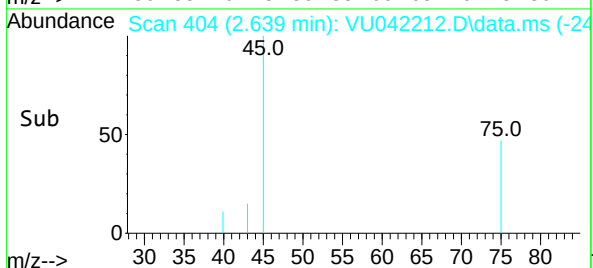


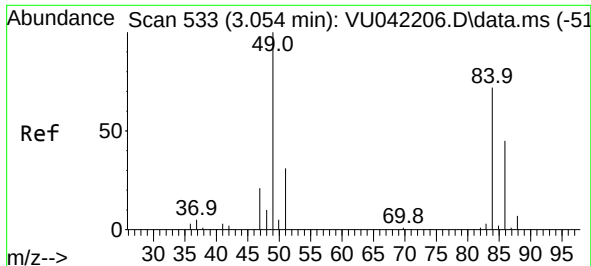
#13
Acetone
Concen: 0.21 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU042212.D
Acq: 28 Jan 2021 20:00



Tgt Ion: 43 Resp: 112

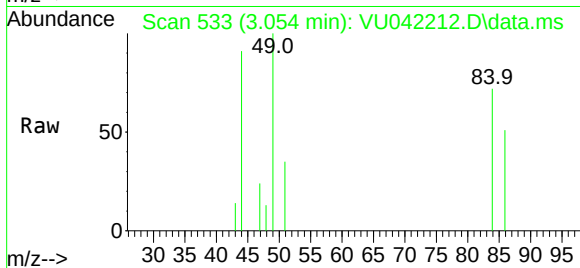
Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8





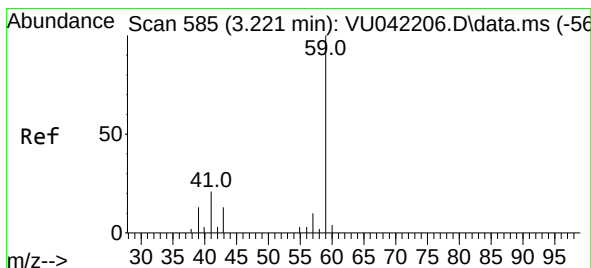
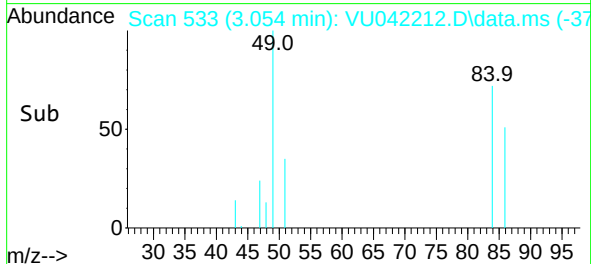
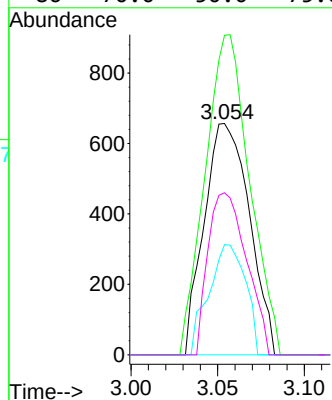
#15
Methylene Chloride
Concen: 0.31 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042212.D
Acq: 28 Jan 2021 20:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 1192

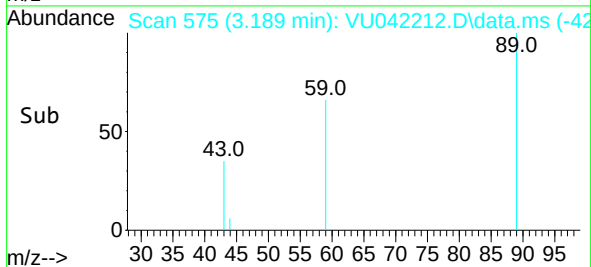
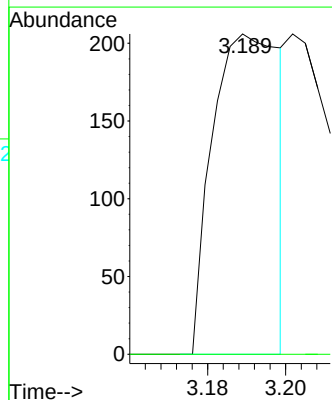
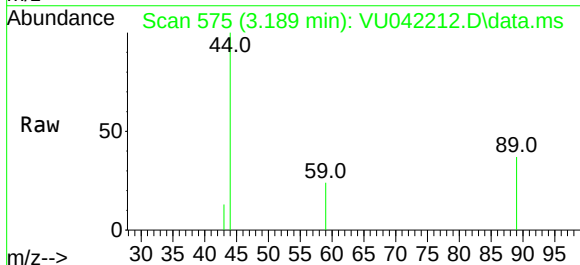
Ion	Ratio	Lower	Upper
84	100		
49	138.1	111.8	167.6
51	47.6	0.0	85.4
86	70.0	50.0	75.0

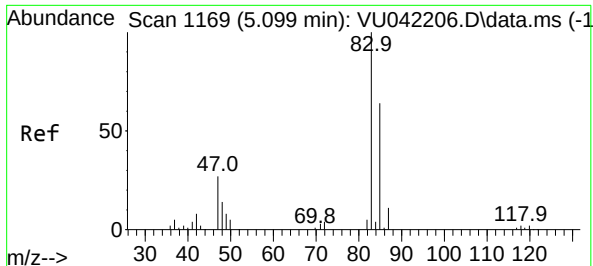


#24
tert-Butyl Alcohol
Concen: 1.38 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.032 min
Lab File: VU042212.D
Acq: 28 Jan 2021 20:00

Tgt Ion: 59 Resp: 245

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6





#27

Chloroform

Concen: 20.36 ug/l

RT: 5.102 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU042212.D

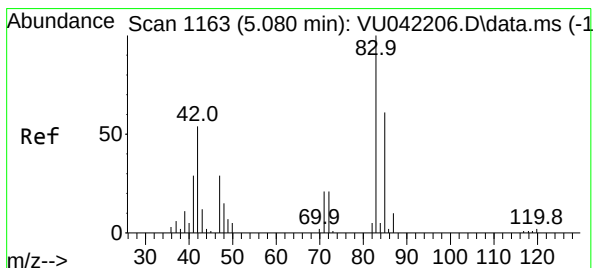
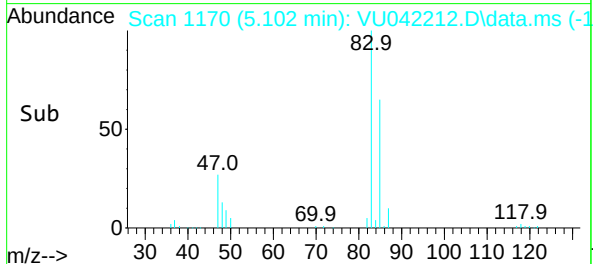
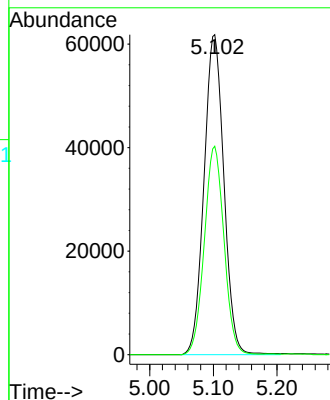
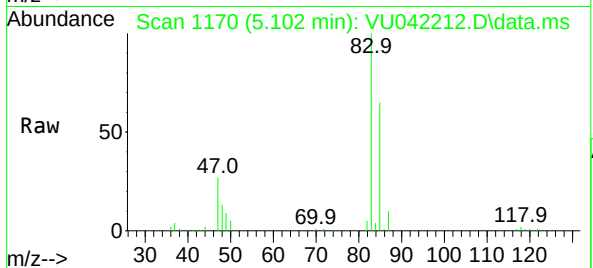
Acq: 28 Jan 2021 20:00

Tgt Ion: 83 Resp: 134261

Ion Ratio Lower Upper

83 100

85 65.1 0.0 128.0



#41

Tetrahydrofuran

Concen: Below Cal

RT: 5.063 min Scan# 1158

Delta R.T. -0.017 min

Lab File: VU042212.D

Acq: 28 Jan 2021 20:00

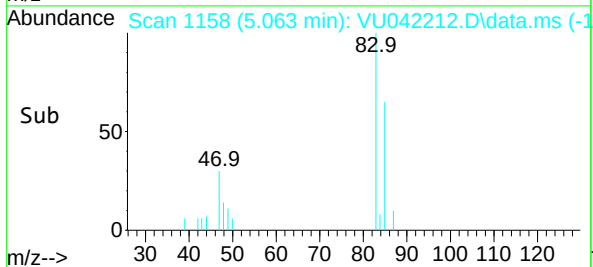
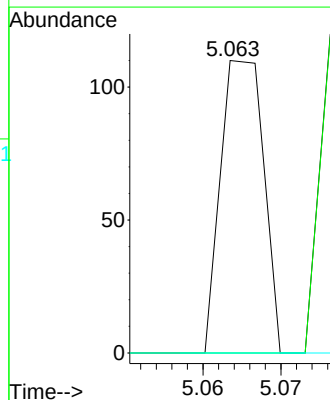
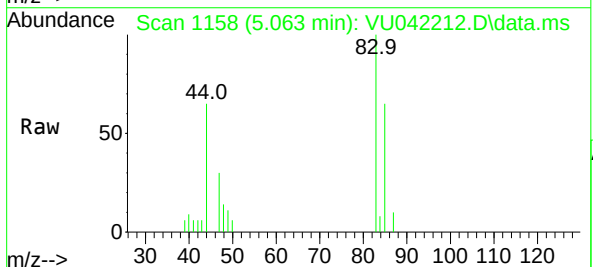
Tgt Ion: 42 Resp: 42

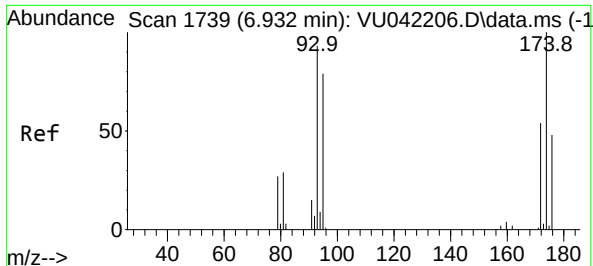
Ion Ratio Lower Upper

42 100

72 0.0 33.1 49.7#

71 0.0 29.8 44.6#





#43

Dibromomethane

Concen: 3.76 ug/l

RT: 7.118 min Scan# 1797

Delta R.T. 0.187 min

Lab File: VU042212.D

Acq: 28 Jan 2021 20:00

Tgt Ion: 93 Resp: 8080

Ion Ratio Lower Upper

93 100

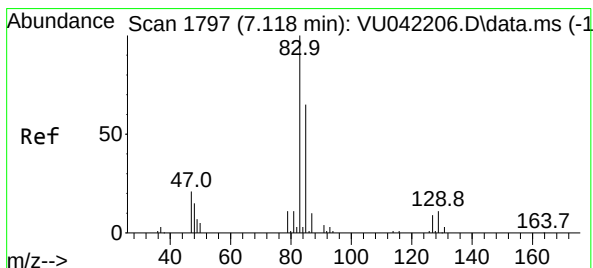
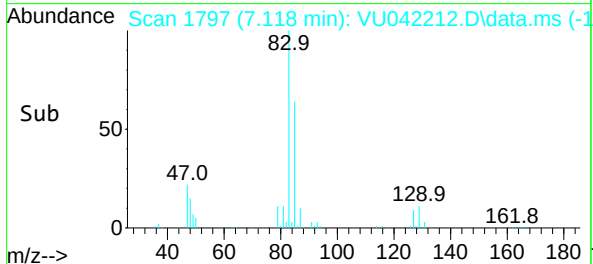
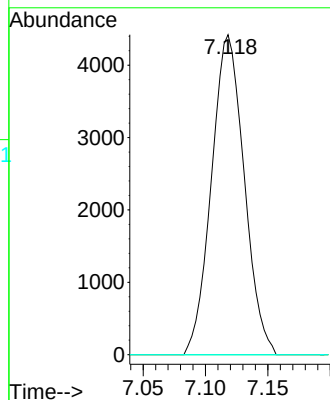
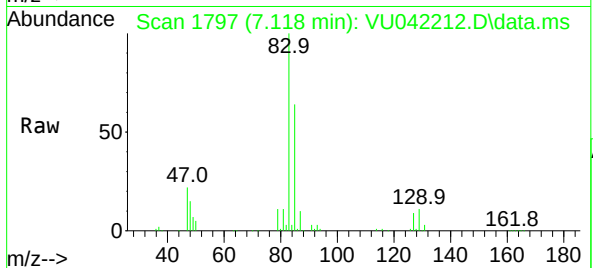
95 0.0 66.7 100.1#

174 0.0 84.2 126.4#

Instrument :

MSVOA_U

ClientSampled :



#44

Bromodichloromethane

Concen: 48.29 ug/l

RT: 7.118 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VU042212.D

Acq: 28 Jan 2021 20:00

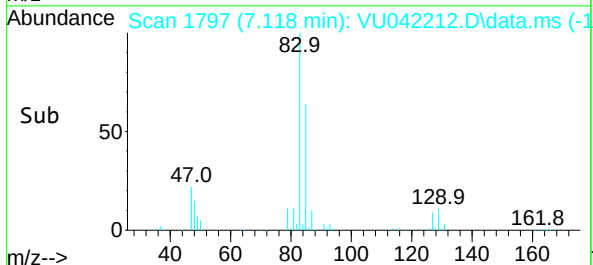
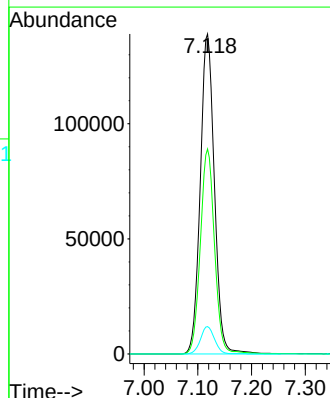
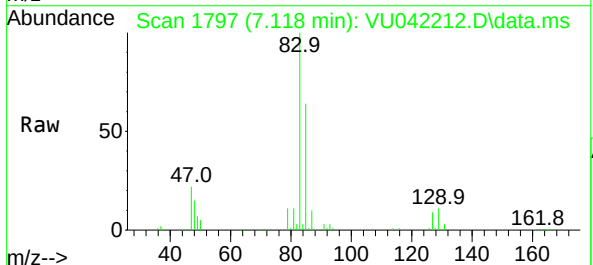
Tgt Ion: 83 Resp: 254132

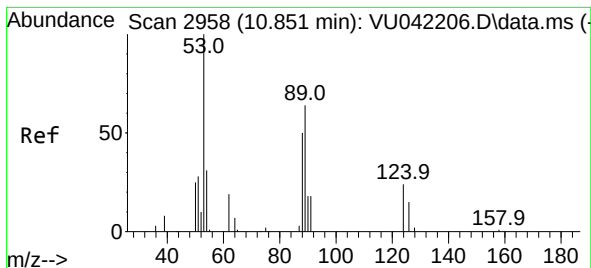
Ion Ratio Lower Upper

83 100

85 64.1 51.7 77.5

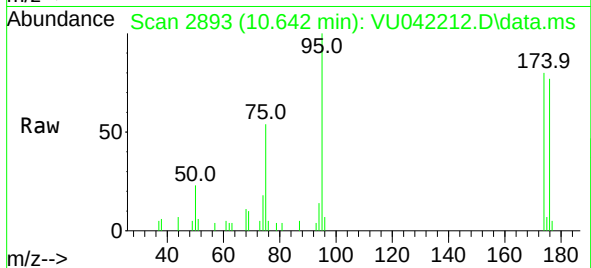
127 8.6 7.2 10.8



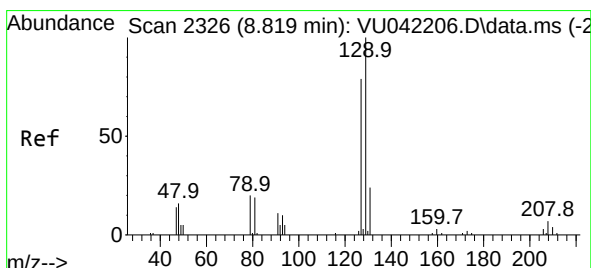
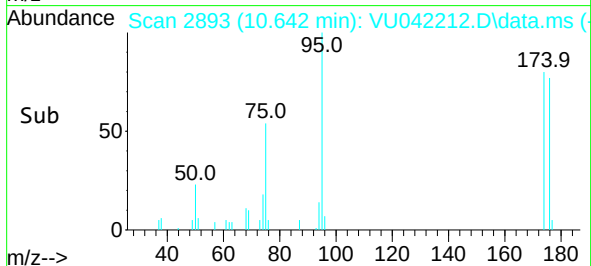
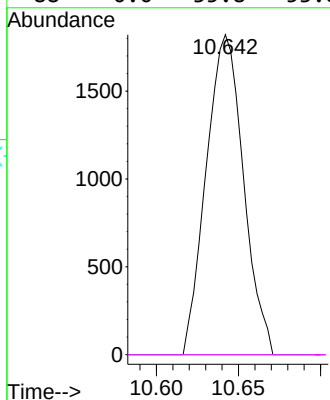


#46
t-1,4-Dichloro-2-butene
Concen: 2.51 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.209 min
Lab File: VU042212.D
Acq: 28 Jan 2021 20:00

Instrument :
MSVOA_U
ClientSampleId :

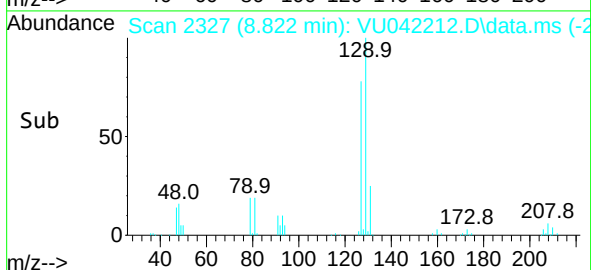
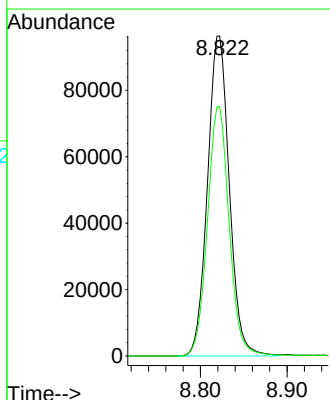
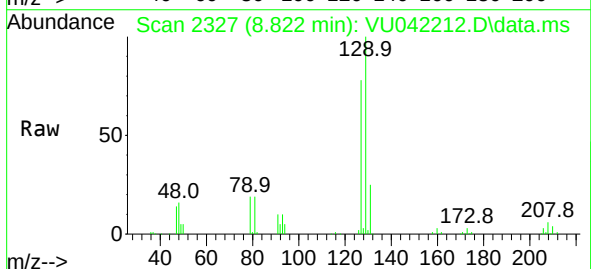


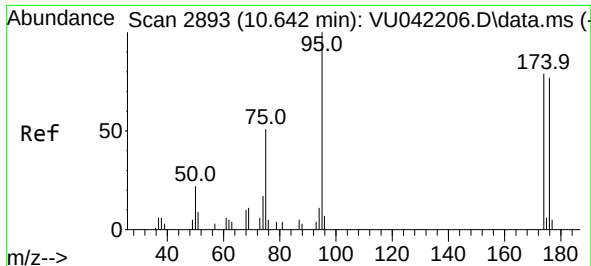
Tgt Ion: 75 Resp: 2875
Ion Ratio Lower Upper
75 100
53 0.0 75.9 113.9#
89 0.0 45.1 67.7#
88 0.0 35.8 53.8#



#55
Dibromochloromethane
Concen: 47.59 ug/l
RT: 8.822 min Scan# 2327
Delta R.T. 0.003 min
Lab File: VU042212.D
Acq: 28 Jan 2021 20:00

Tgt Ion: 129 Resp: 168736
Ion Ratio Lower Upper
129 100
127 77.8 62.7 94.1

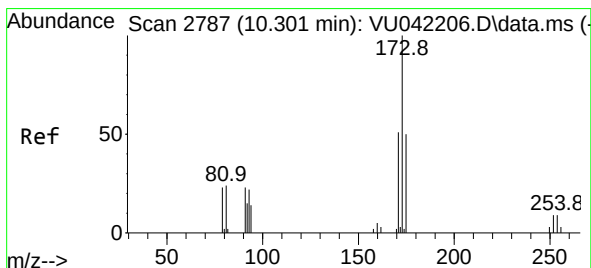
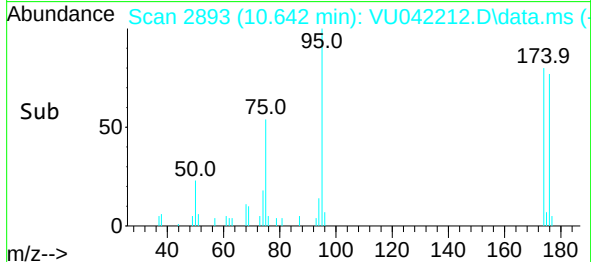
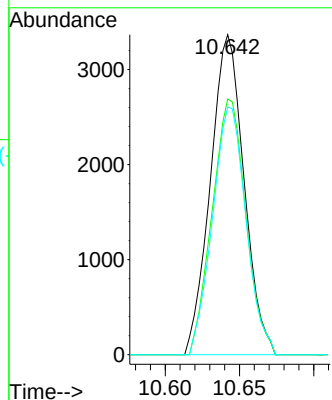
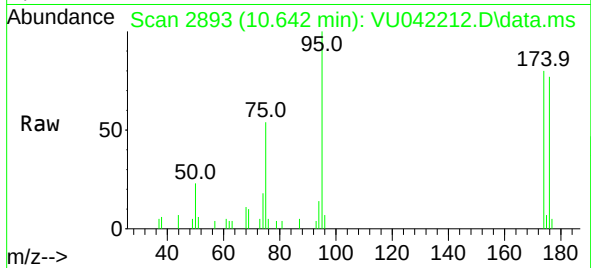




#57
4-Bromofluorobenzene
Concen: 1.00 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.000 min
Lab File: VU042212.D
Acq: 28 Jan 2021 20:00

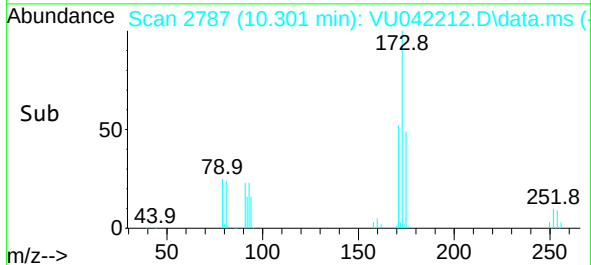
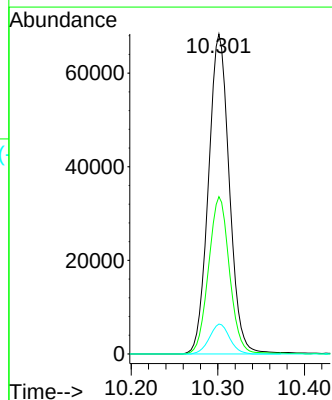
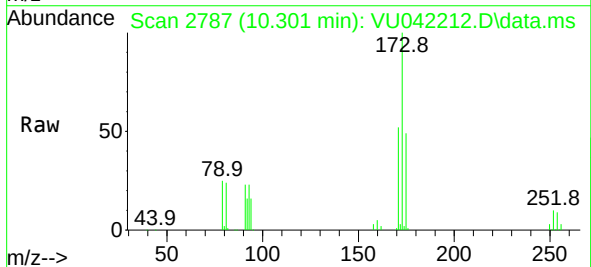
Instrument :
MSVOA_U
ClientSampleId :

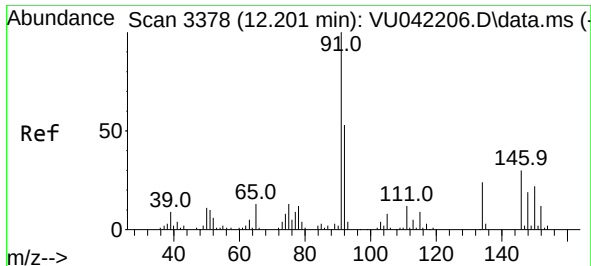
Tgt Ion: 95 Resp: 5292
Ion Ratio Lower Upper
95 100
174 80.1 69.6 104.4
176 77.3 65.5 98.3



#67
Bromoform
Concen: 51.42 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VU042212.D
Acq: 28 Jan 2021 20:00

Tgt Ion:173 Resp: 114613
Ion Ratio Lower Upper
173 100
175 49.4 40.0 60.0
254 9.0 6.8 10.2

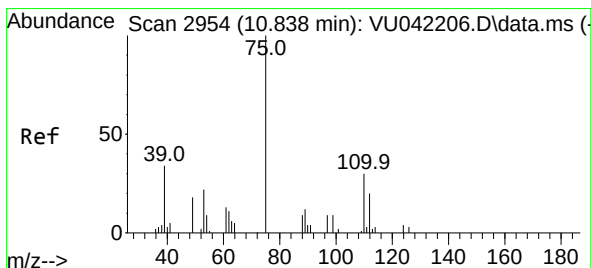
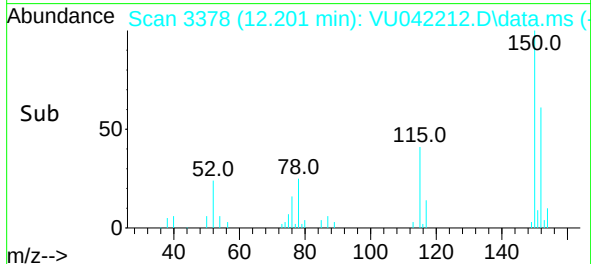
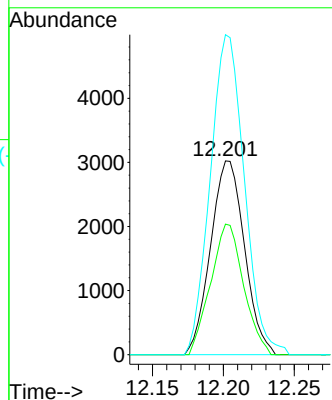
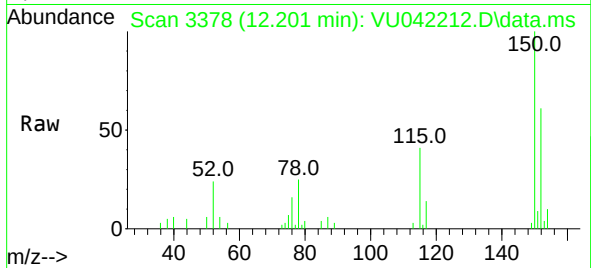




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.94 ug/l
 RT: 12.201 min Scan# 3378
 Delta R.T. -0.000 min
 Lab File: VU042212.D
 Acq: 28 Jan 2021 20:00

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion:152 Resp: 5040
 Ion Ratio Lower Upper
 152 100
 115 65.3 0.0 243.2
 150 165.9 0.0 642.6



#71
 1,2,3-Trichloropropane
 Concen: 0.94 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.196 min
 Lab File: VU042212.D
 Acq: 28 Jan 2021 20:00

Tgt Ion: 75 Resp: 2875
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 107.2
 110 0.0 0.0 69.0
 97 0.0 0.0 36.6

