

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021522\
 Data File : VU047148.D
 Acq On : 15 Feb 2022 13:13
 Operator : SY/MD
 Sample : N1205-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 08:03:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

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

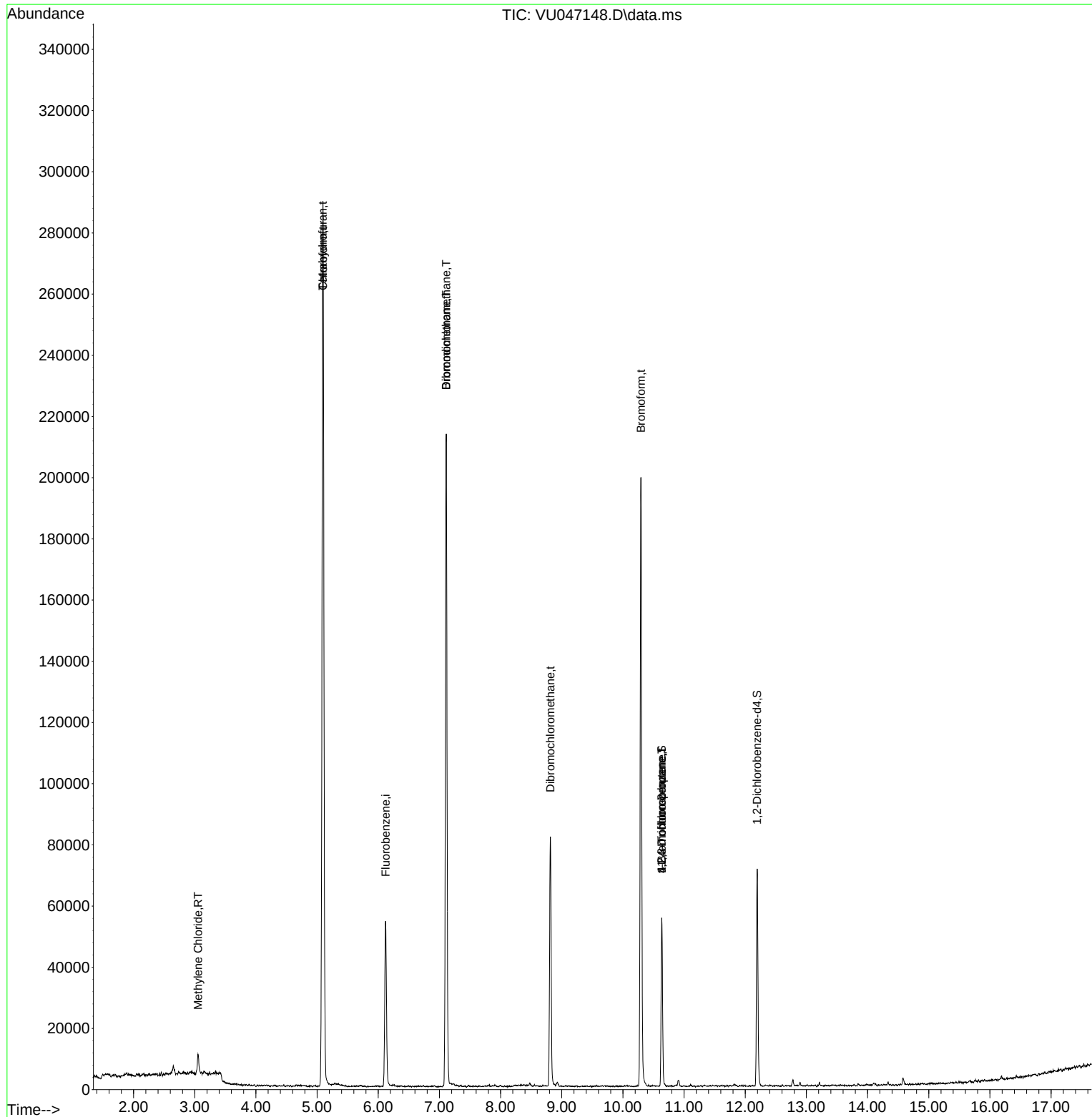
Internal Standards						
1) Fluorobenzene	6.121	96	51363	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	19037	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20414	0.985	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
					Qvalue	
13) Acetone	2.655	43	869	Below Cal	#	41
15) Methylene Chloride	3.054	84	2839	0.208	ug/l	88
27) Chloroform	5.095	83	254244	10.673	ug/l	99
41) Tetrahydrofuran	5.092	42	948	0.386	ug/l	# 1
43) Dibromomethane	7.111	93	4260	0.564	ug/l	# 7
44) Bromodichloromethane	7.111	83	138445	7.753	ug/l	# 97
46) t-1,4-Dichloro-2-butene	10.635	75	9362	2.106	ug/l	# 22
55) Dibromochloromethane	8.816	129	44377	3.388	ug/l	99
67) Bromoform	10.295	173	91848	11.067	ug/l	# 98
71) 1,2,3-Trichloropropane	10.635	75	9362	0.762	ug/l	# 36

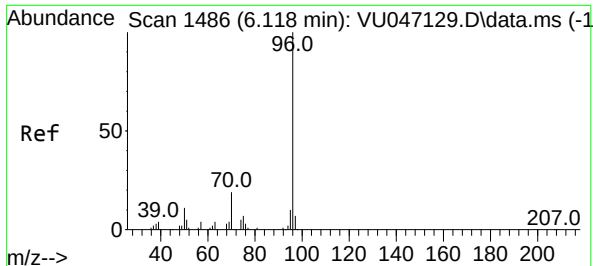
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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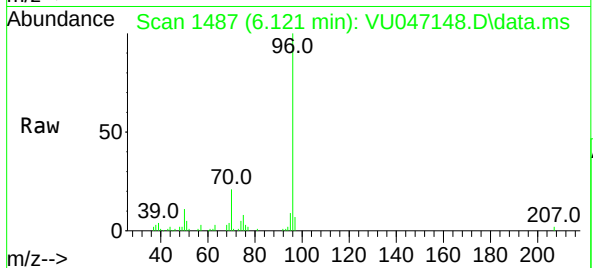
Quant Time: Feb 17 08:03:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
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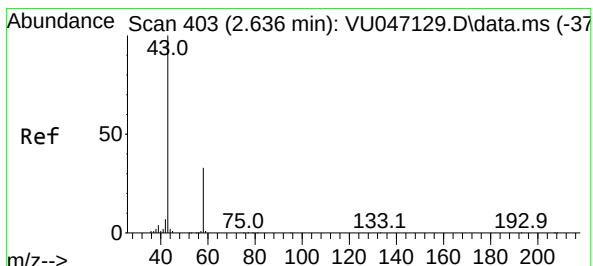
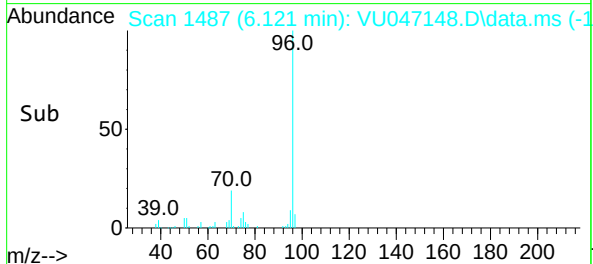
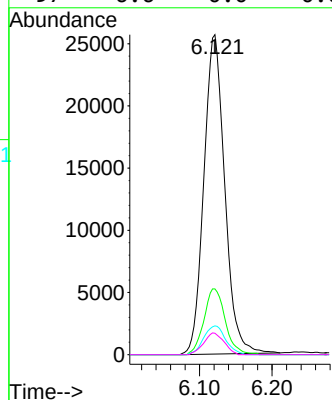


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

Instrument :
MSVOA_U
ClientSampleId :

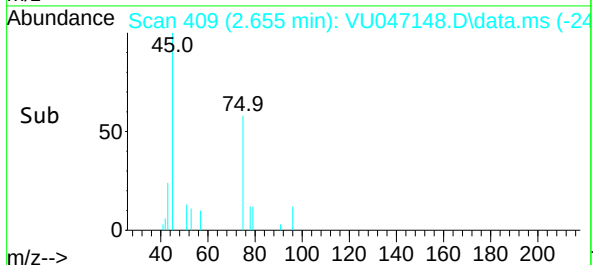
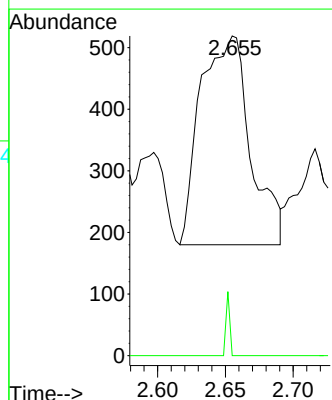
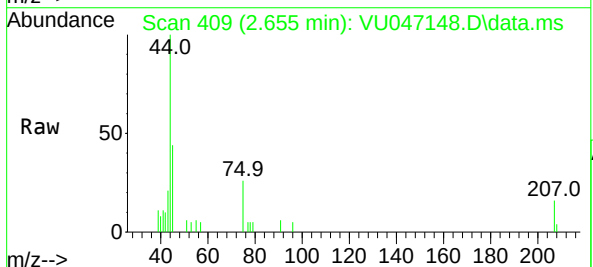


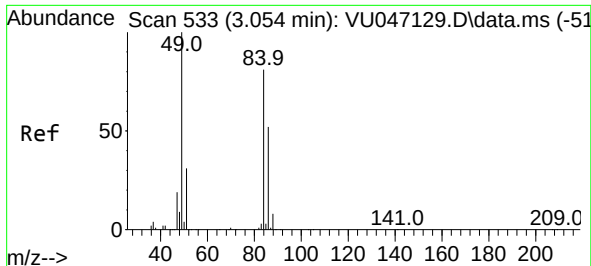
Tgt Ion: 96 Resp: 51363
Ion Ratio Lower Upper
96 100
70 21.1 16.8 25.2
95 9.5 7.3 10.9
97 6.6 0.0 0.0#



#13
Acetone
Concen: Below Cal
RT: 2.655 min Scan# 409
Delta R.T. 0.019 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

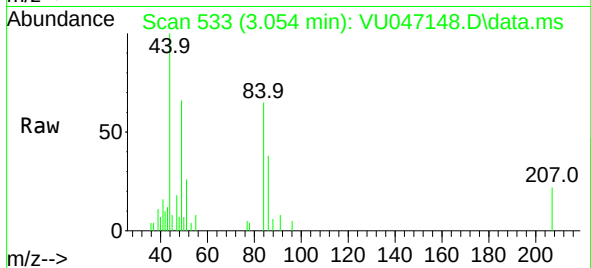
Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 0.0 27.1 40.7#



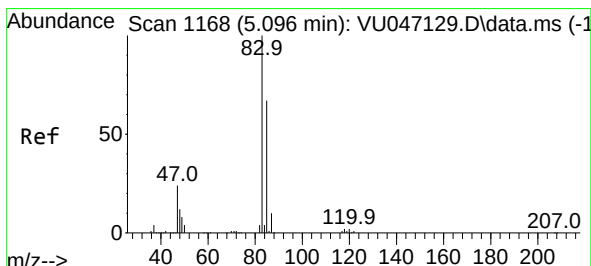
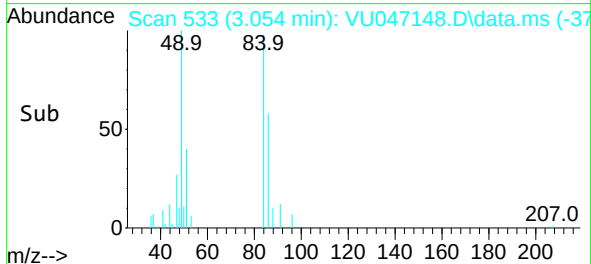
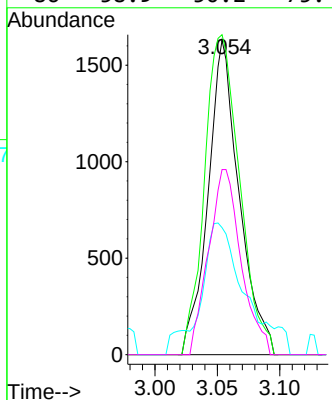


#15
Methylene Chloride
Concen: 0.208 ug/l
RT: 3.054 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

Instrument :
MSVOA_U
ClientSampleId :

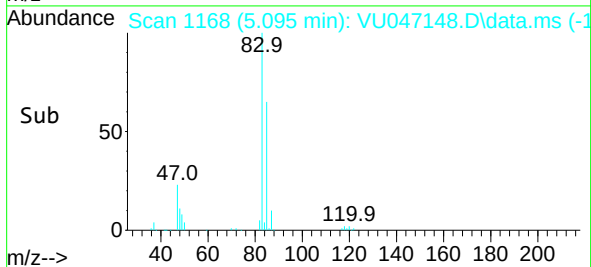
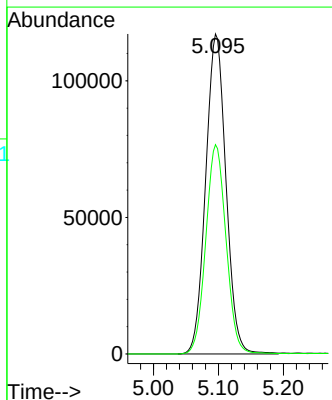
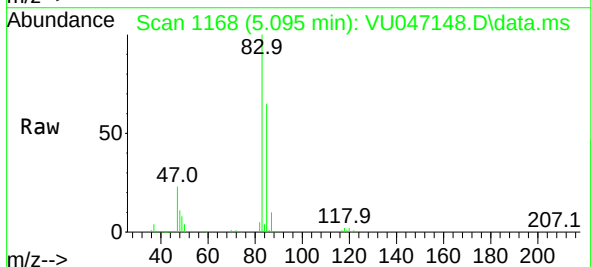


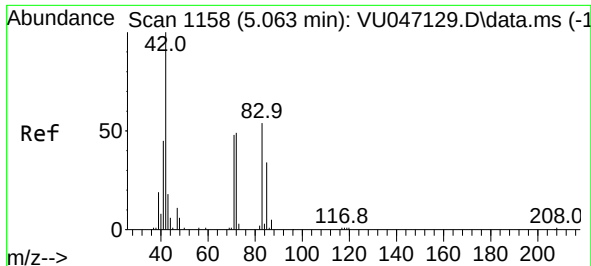
Tgt Ion:	84	Resp:	2839
Ion	Ratio	Lower	Upper
84	100		
49	101.8	97.2	145.8
51	32.9	0.0	73.4
86	58.9	50.2	75.4



#27
Chloroform
Concen: 10.673 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

Tgt Ion:	83	Resp:	254244
Ion	Ratio	Lower	Upper
83	100		
85	65.4	0.0	129.2





#41

Tetrahydrofuran

Concen: 0.386 ug/l

RT: 5.092 min Scan# 1158

Delta R.T. 0.029 min

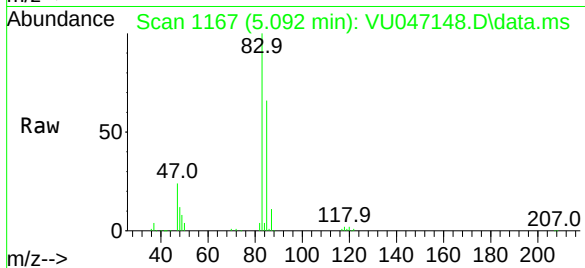
Lab File: VU047148.D

Acq: 15 Feb 2022 13:13

Instrument :

MSVOA_U

ClientSampleId :



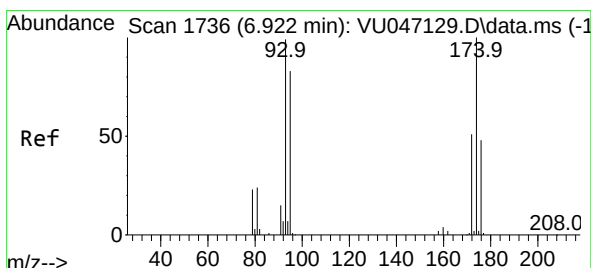
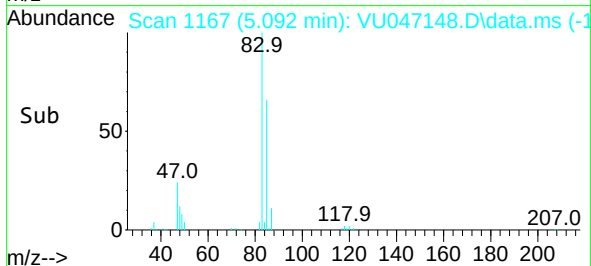
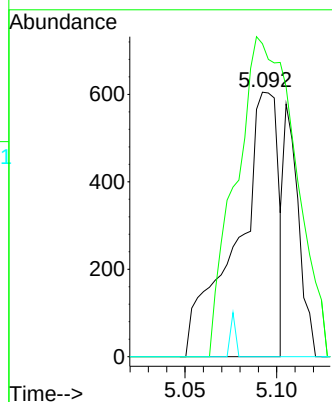
Tgt Ion: 42 Resp: 948

Ion Ratio Lower Upper

42 100

72 174.3 42.4 63.6#

71 2.0 36.4 54.6#



#43

Dibromomethane

Concen: 0.564 ug/l

RT: 7.111 min Scan# 1795

Delta R.T. 0.190 min

Lab File: VU047148.D

Acq: 15 Feb 2022 13:13

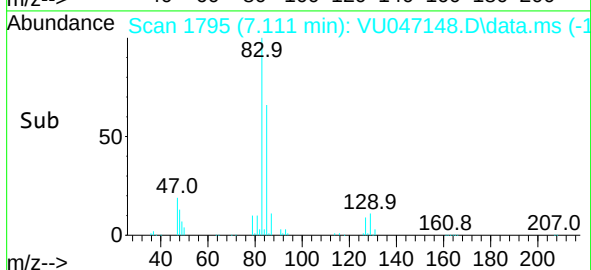
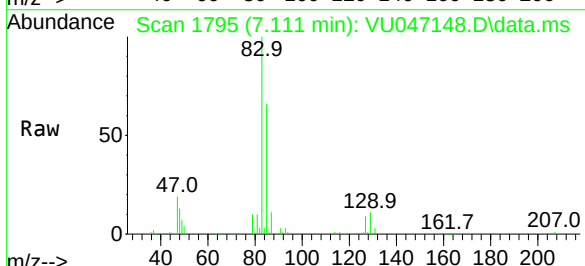
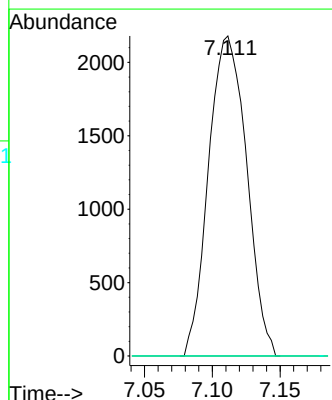
Tgt Ion: 93 Resp: 4260

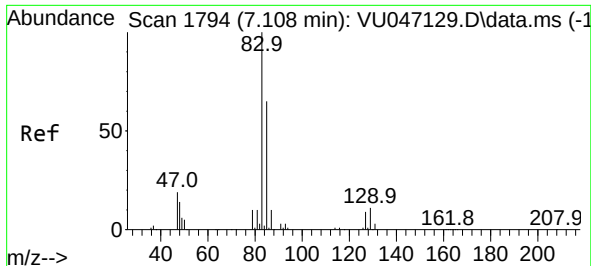
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.2#

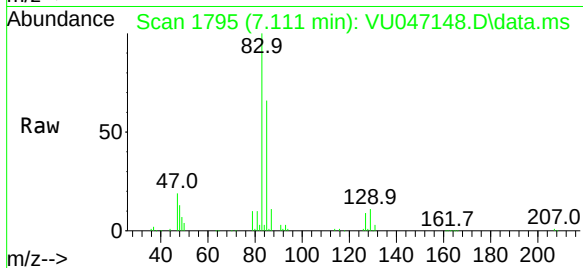
174 0.0 70.7 106.1#



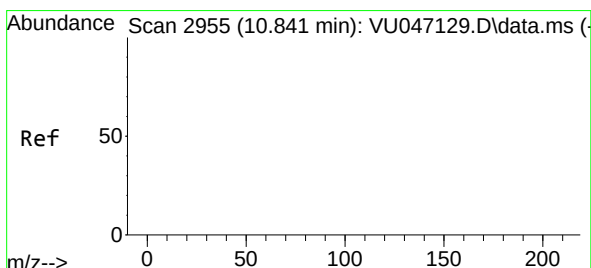
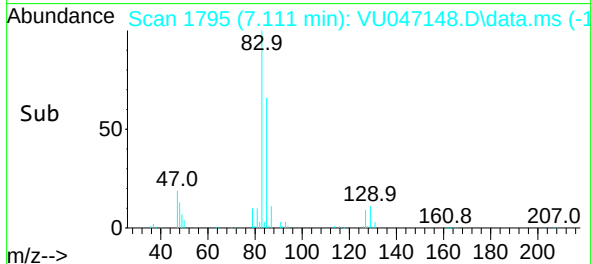
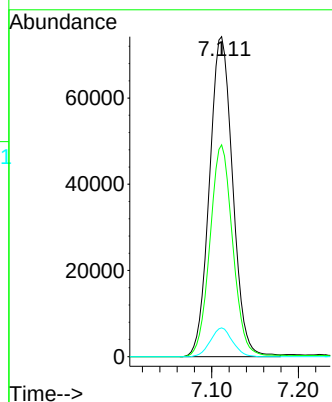


#44
Bromodichloromethane
Concen: 7.753 ug/l
RT: 7.111 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

Instrument :
MSVOA_U
ClientSampleId :

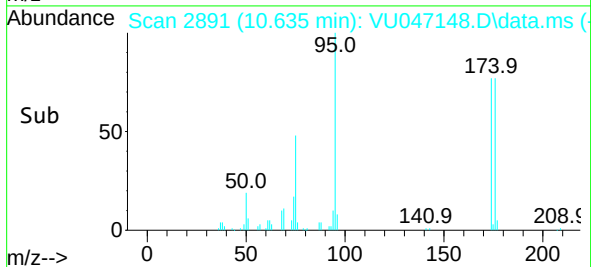
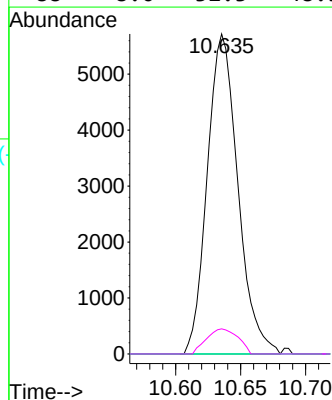
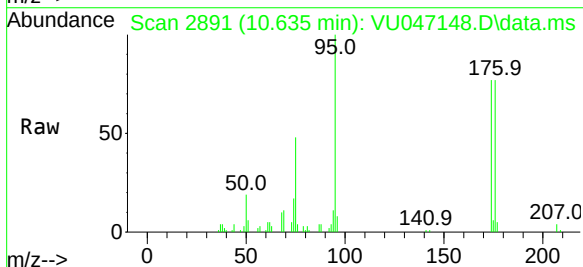


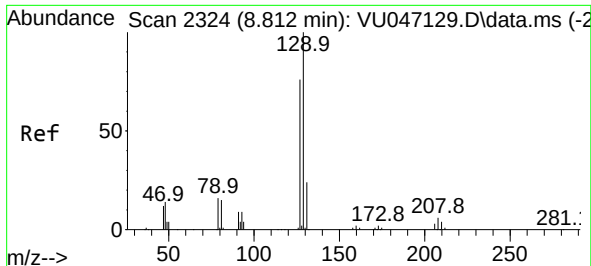
Tgt Ion: 83 Resp: 138445
Ion Ratio Lower Upper
83 100
85 66.2 50.9 76.3
127 9.0 6.0 9.0#



#46
t-1,4-Dichloro-2-butene
Concen: 2.106 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.206 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

Tgt Ion: 75 Resp: 9362
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 41.7 62.5#
88 8.0 32.3 48.5#

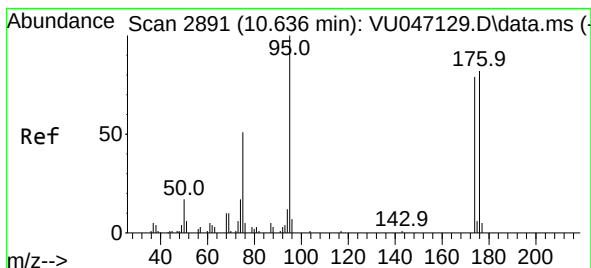
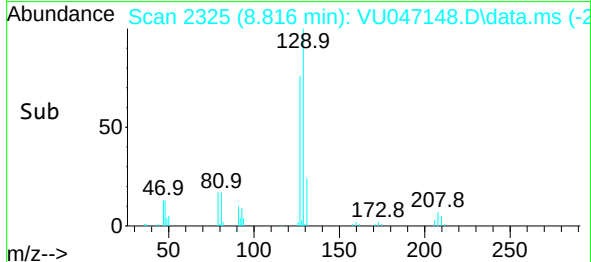
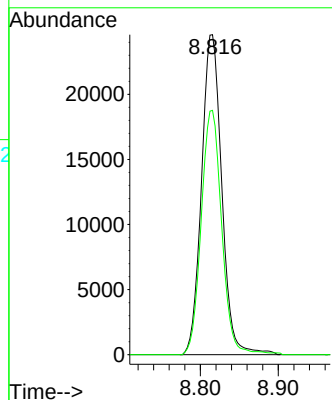
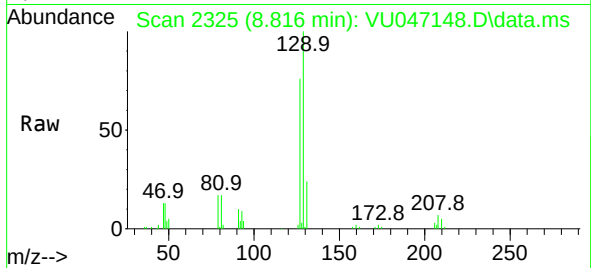




#55
Dibromochloromethane
Concen: 3.388 ug/l
RT: 8.816 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

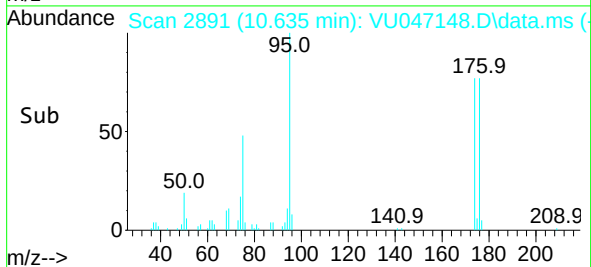
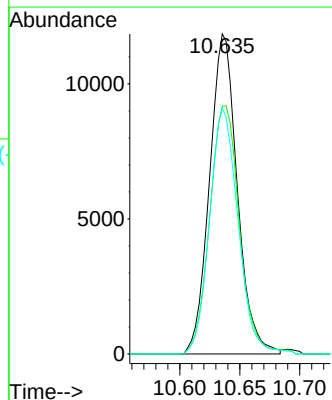
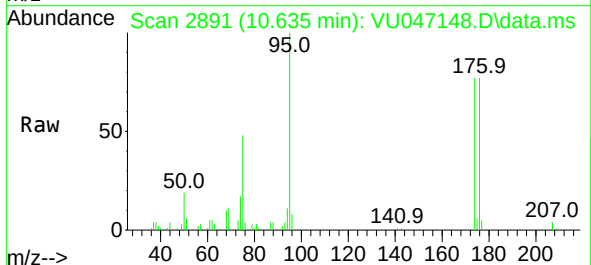
Instrument :
MSVOA_U
ClientSampleId :

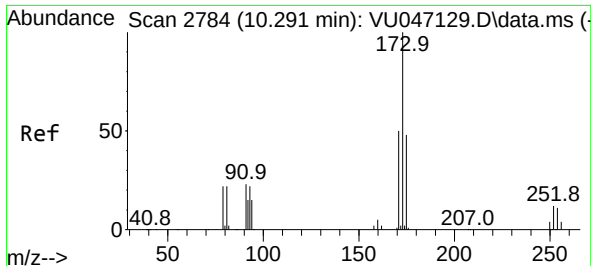
Tgt Ion:129 Resp: 44377
Ion Ratio Lower Upper
129 100
127 77.1 62.2 93.4



#57
4-Bromofluorobenzene
Concen: 0.957 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

Tgt Ion: 95 Resp: 19037
Ion Ratio Lower Upper
95 100
174 82.9 56.6 84.8
176 79.0 54.3 81.5

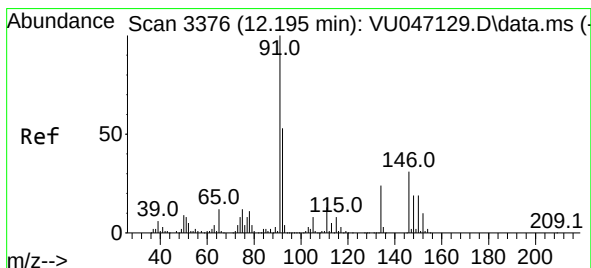
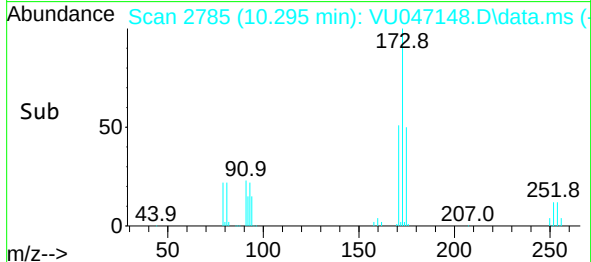
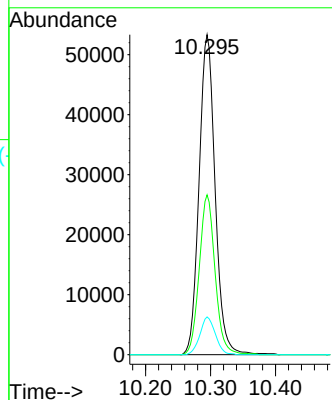
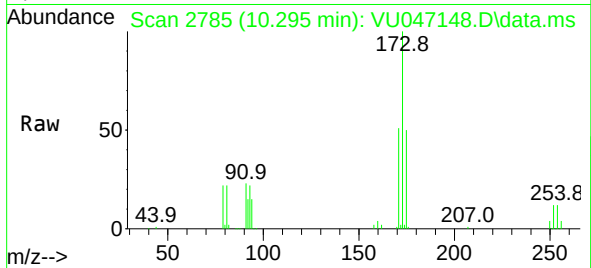




#67
Bromoform
Concen: 11.067 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

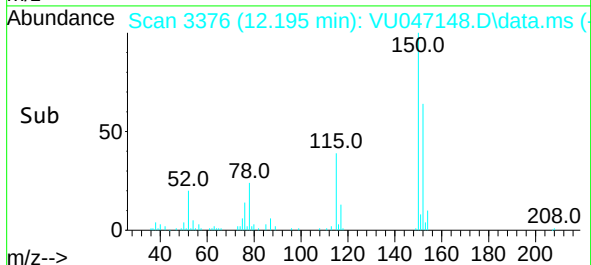
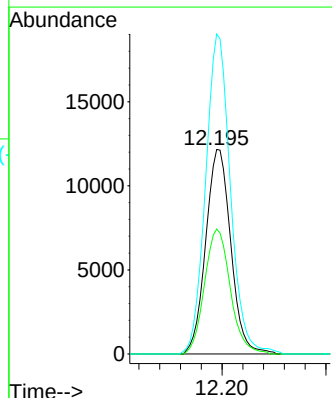
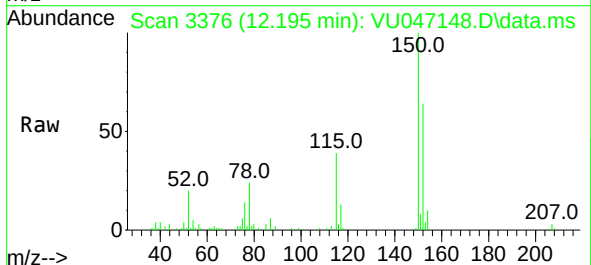
Instrument :
MSVOA_U
ClientSampleId :

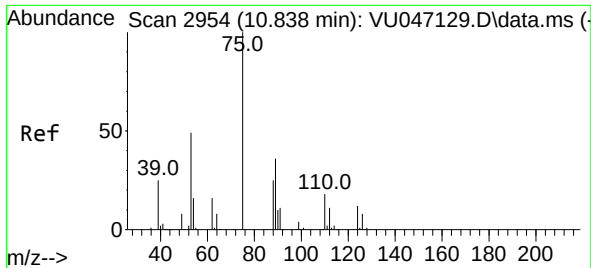
Tgt Ion:173 Resp: 91848
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.4
254 11.4 5.5 8.3#



#68
1,2-Dichlorobenzene-d4
Concen: 0.985 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047148.D
Acq: 15 Feb 2022 13:13

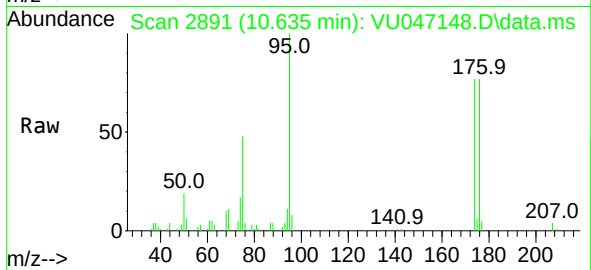
Tgt Ion:152 Resp: 20414
Ion Ratio Lower Upper
152 100
115 62.6 0.0 251.0
150 154.6 0.0 613.8





#71
 1,2,3-Trichloropropane
 Concen: 0.762 ug/l
 RT: 10.635 min Scan# 21
 Delta R.T. -0.203 min
 Lab File: VU047148.D
 Acq: 15 Feb 2022 13:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	9362
Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	105.6
110	0.0	0.0	71.2
97	0.0	0.0	36.8

