

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022122\
 Data File : VU047228.D
 Acq On : 21 Feb 2022 13:29
 Operator : SY/MD
 Sample : N1205-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Quant Time: Feb 22 03:59:55 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

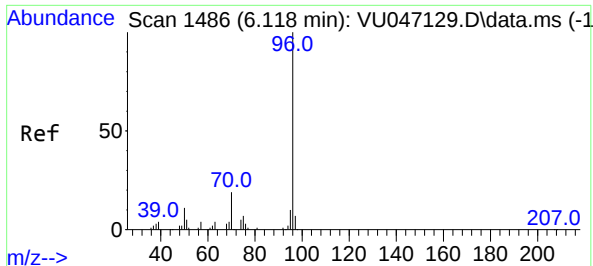
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.118	96	51777	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	19165	0.956	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	19846	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
10) Iodomethane	2.735	142	86	0.906	ug/l #	34
13) Acetone	2.649	43	422	Below Cal	#	85
15) Methylene Chloride	3.051	84	5904	0.430	ug/l	98
18) 2-Butanone	4.732	43	900	0.249	ug/l	77
24) tert-Butyl Alcohol	3.231	59	134	0.208	ug/l #	1
27) Chloroform	5.095	83	1131063	47.101	ug/l	100
39) Methacrylonitrile	5.099	41	2947	0.606	ug/l #	21
41) Tetrahydrofuran	5.092	42	2438	0.984	ug/l #	1
44) Bromodichloromethane	7.108	83	610794	33.932	ug/l	98
46) t-1,4-Dichloro-2-butene	10.635	75	9258	2.066	ug/l #	22
55) Dibromochloromethane	8.812	129	189627	14.363	ug/l	99
67) Bromoform	10.295	173	379851	45.402	ug/l #	98
71) 1,2,3-Trichloropropane	10.635	75	9258	0.747	ug/l #	36

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

Quant Time: Feb 22 03:59:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
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QLast Update : Tue Feb 15 03:17:28 2022
Response via : Initial Calibration

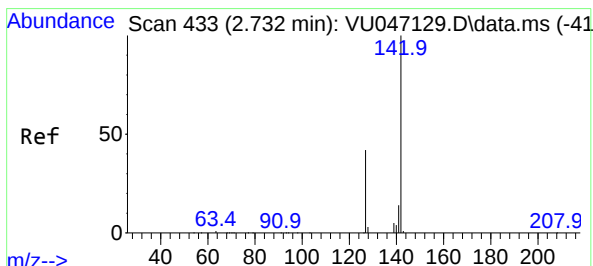
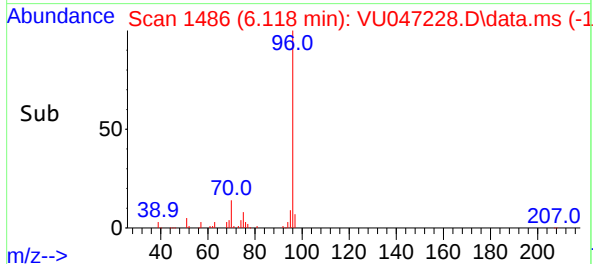
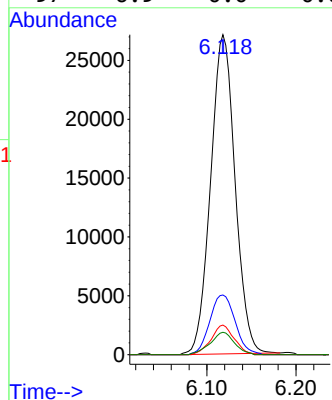
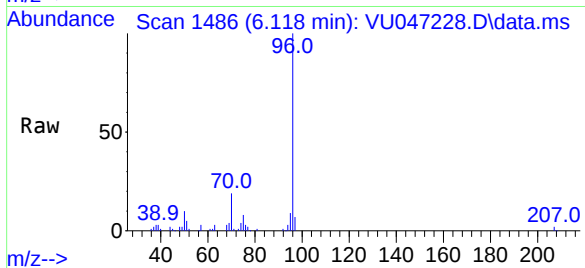




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

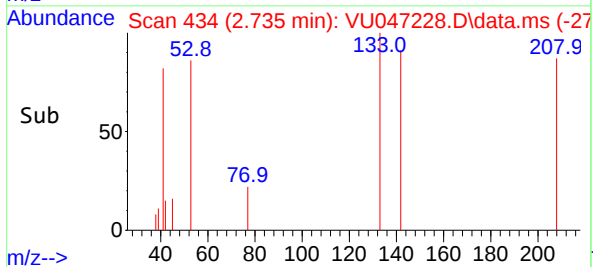
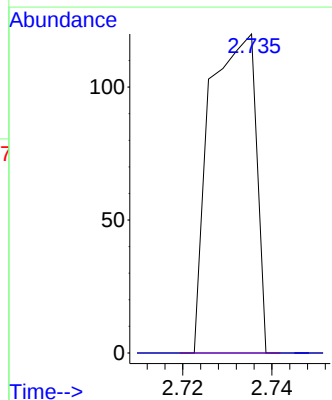
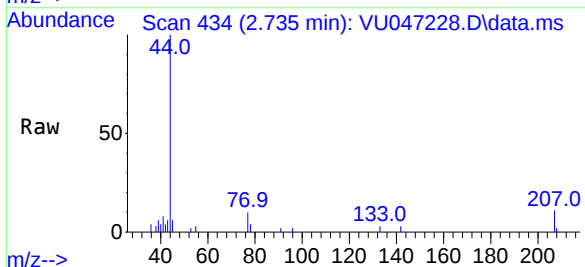
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

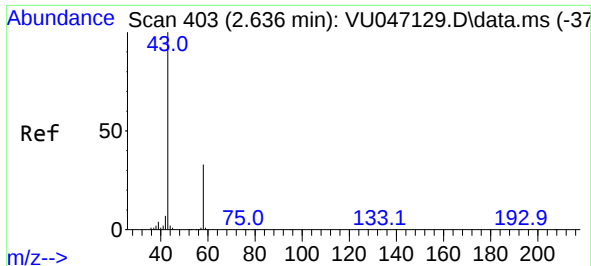
Tgt Ion:	96	Resp:	51777
Ion	Ratio	Lower	Upper
96	100		
70	19.4	16.8	25.2
95	8.7	7.3	10.9
97	6.9	0.0	0.0



#10
Iodomethane
Concen: 0.906 ug/l
RT: 2.735 min Scan# 434
Delta R.T. 0.003 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

Tgt Ion:	142	Resp:	86
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.2	49.8

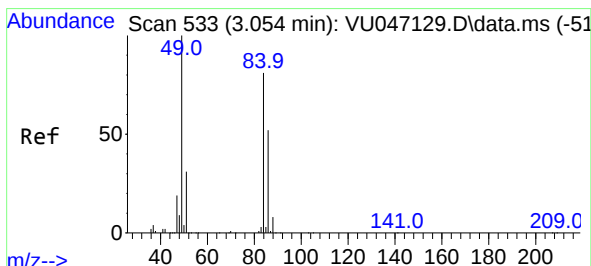
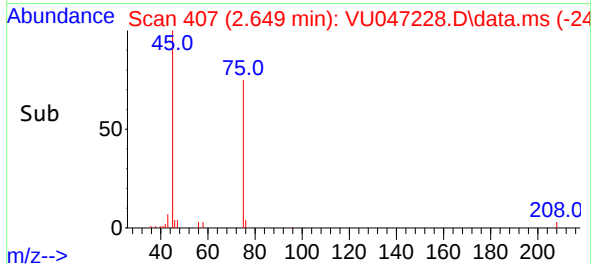
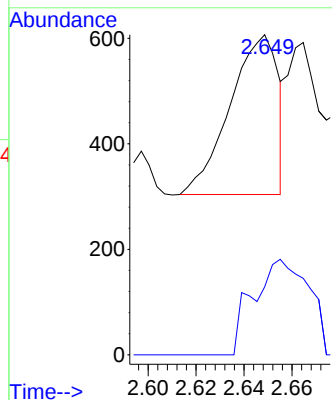
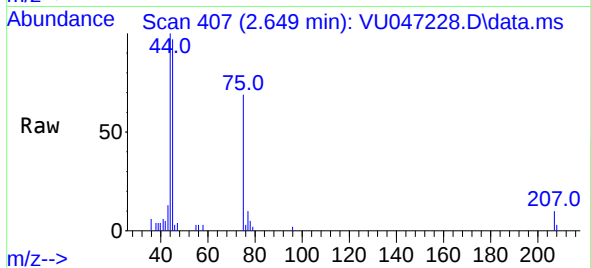




#13
Acetone
Concen: Below Cal
RT: 2.649 min Scan# 407
Delta R.T. 0.013 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

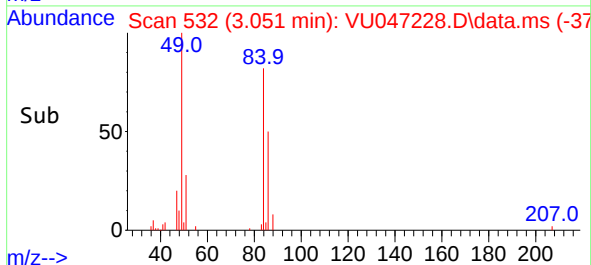
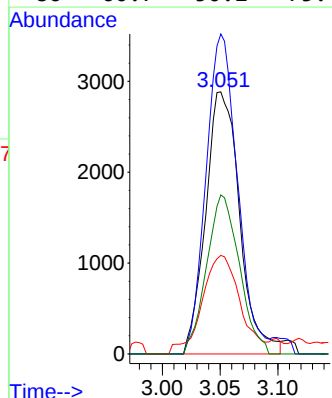
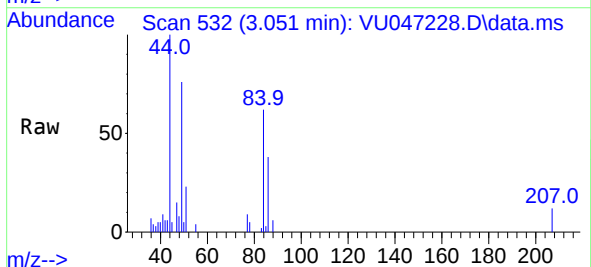
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

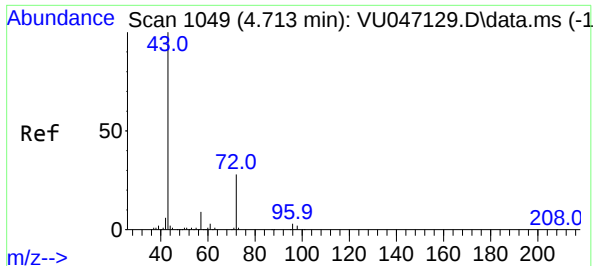
Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
58 42.6 27.1 40.7#



#15
Methylene Chloride
Concen: 0.430 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

Tgt Ion: 84 Resp: 5904
Ion Ratio Lower Upper
84 100
49 122.1 97.2 145.8
51 33.9 0.0 73.4
86 60.7 50.2 75.4

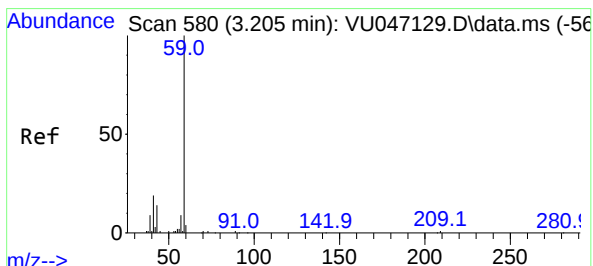
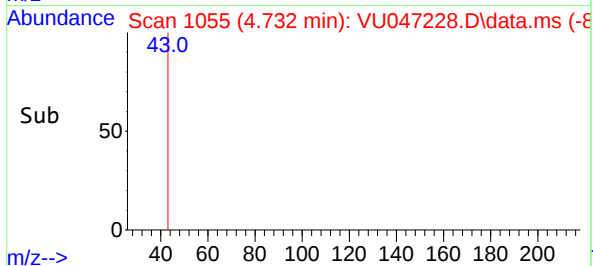
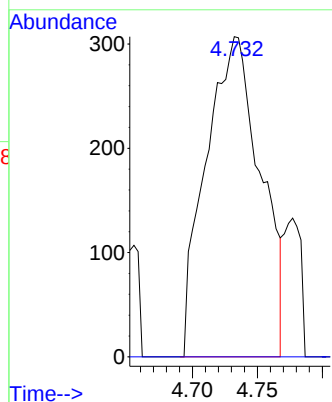
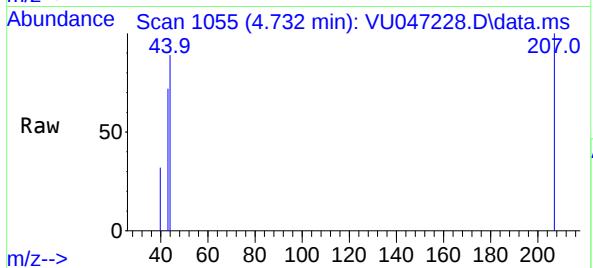




#18
2-Butanone
Concen: 0.249 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.019 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

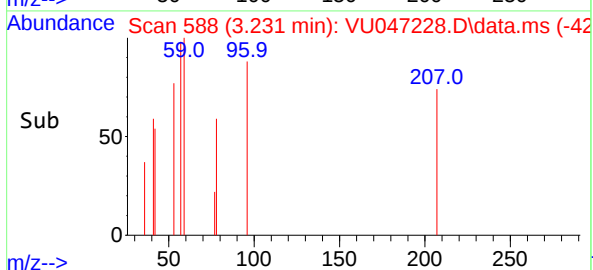
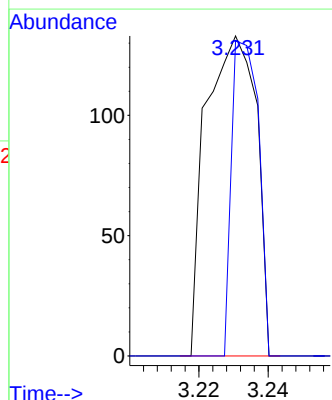
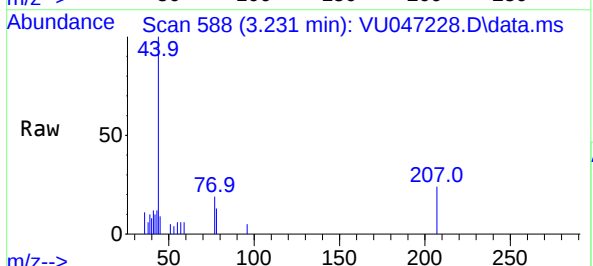
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

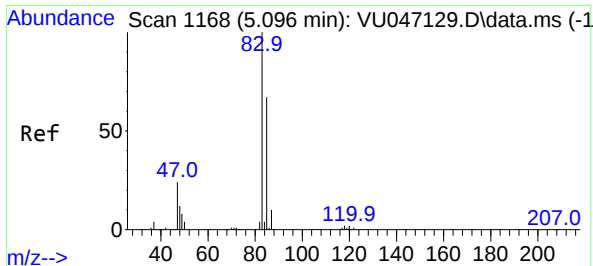
Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.6



#24
tert-Butyl Alcohol
Concen: 0.208 ug/l
RT: 3.231 min Scan# 588
Delta R.T. 0.026 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 53.0 6.5 9.7#





#27

Chloroform

Concen: 47.101 ug/l

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU047228.D

Acq: 21 Feb 2022 13:29

Instrument :

MSVOA_U

ClientSampleId :

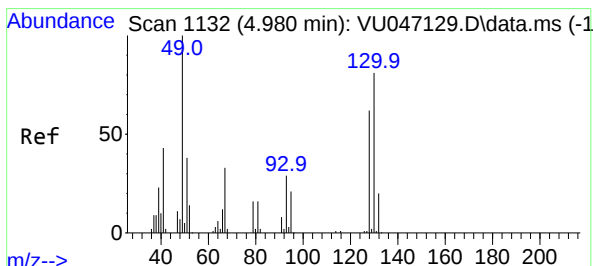
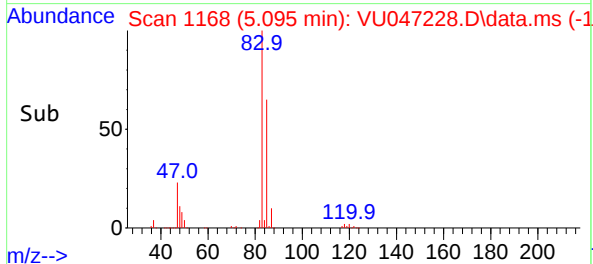
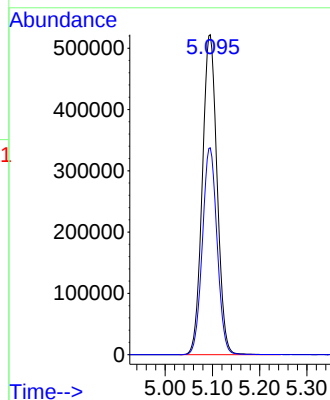
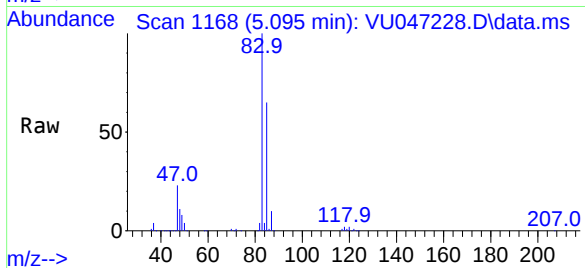
PT-THM-WS

Tgt Ion: 83 Resp: 1131063

Ion Ratio Lower Upper

83 100

85 64.7 0.0 129.2



#39

Methacrylonitrile

Concen: 0.606 ug/l

RT: 5.099 min Scan# 1169

Delta R.T. 0.119 min

Lab File: VU047228.D

Acq: 21 Feb 2022 13:29

Tgt Ion: 41 Resp: 2947

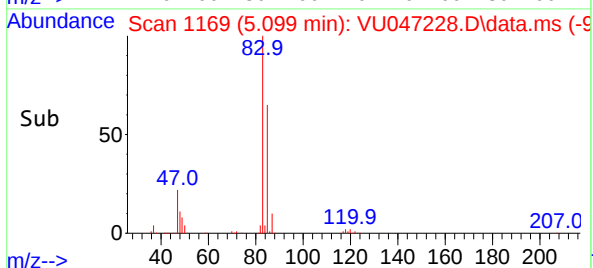
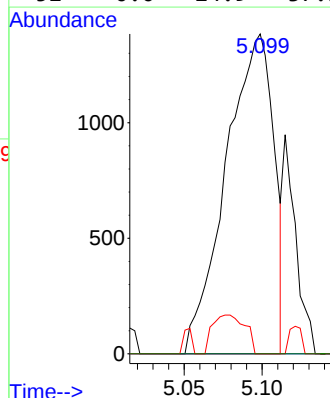
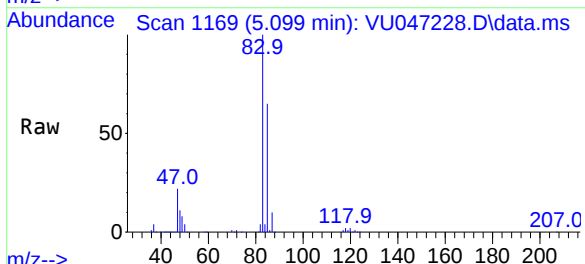
Ion Ratio Lower Upper

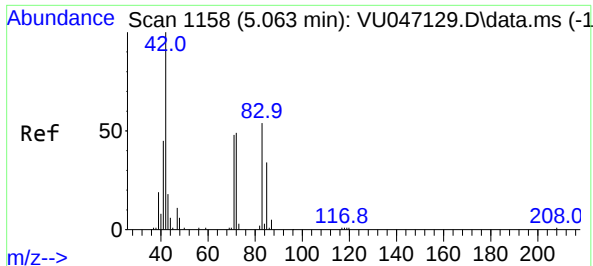
41 100

67 0.0 65.2 97.8#

39 2.2 43.0 64.6#

52 0.0 24.9 37.3#

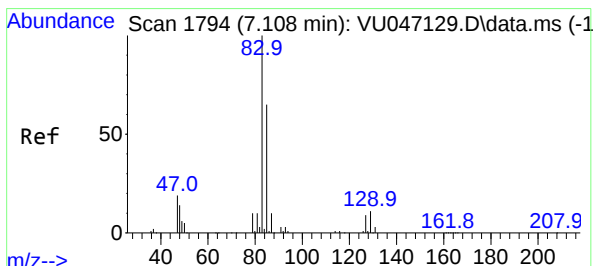
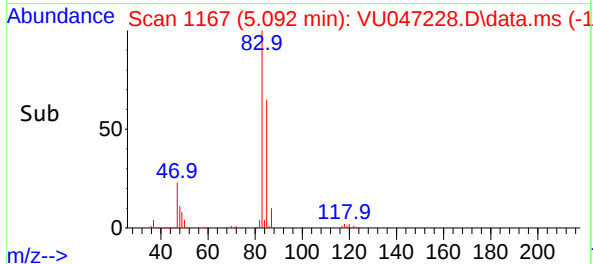
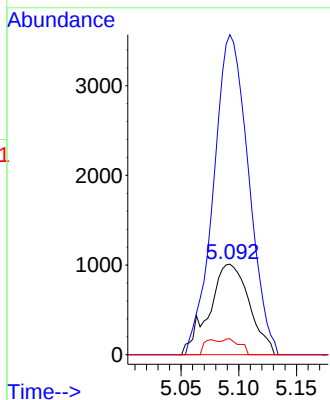
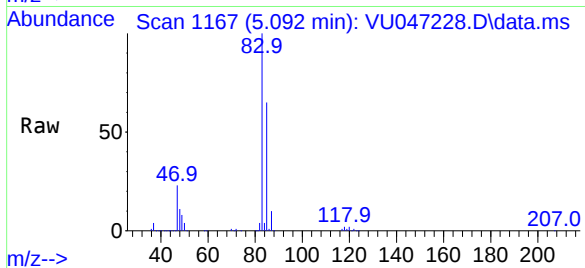




#41
Tetrahydrofuran
Concen: 0.984 ug/l
RT: 5.092 min Scan# 1158
Delta R.T. 0.029 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

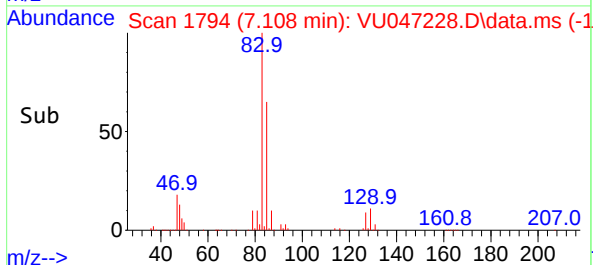
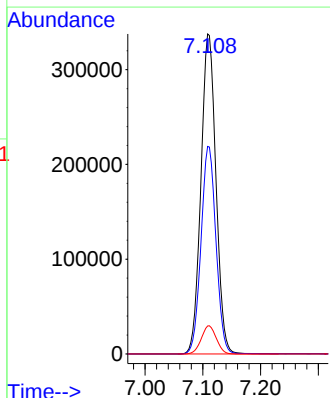
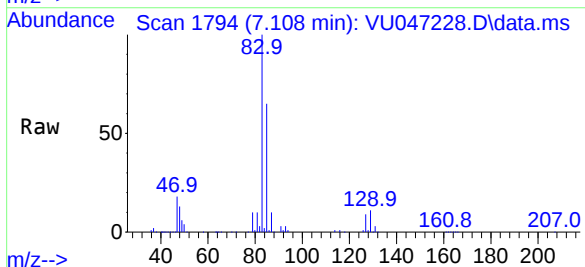
Instrument :
MSVOA_U
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Tgt Ion: 42 Resp: 2438
Ion Ratio Lower Upper
42 100
72 309.5 42.4 63.6#
71 6.0 36.4 54.6#

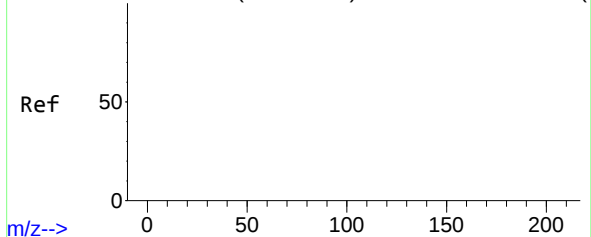


#44
Bromodichloromethane
Concen: 33.932 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

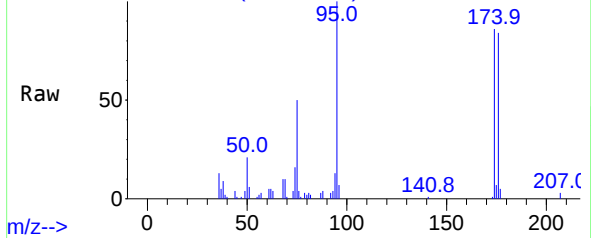
Tgt Ion: 83 Resp: 610794
Ion Ratio Lower Upper
83 100
85 64.9 50.9 76.3
127 8.8 6.0 9.0



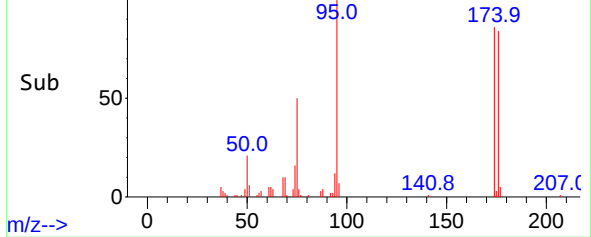
Abundance Scan 2955 (10.841 min): VU047129.D\data.ms (-2



Ref 50



Raw 50

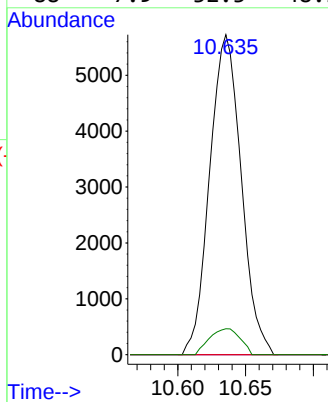


Sub 50

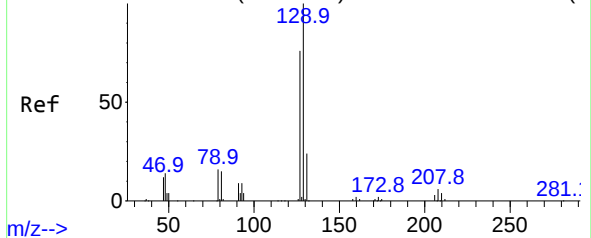
#46
t-1,4-Dichloro-2-butene
Concen: 2.066 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.206 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

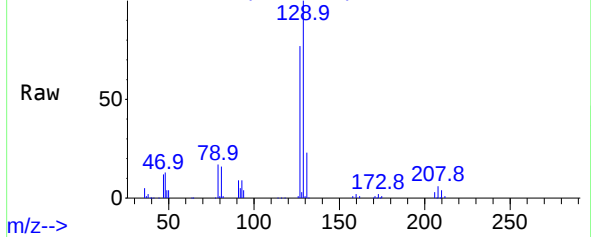
Tgt Ion: 75	Resp: 9258
Ion Ratio	Lower Upper
75 100	
53 0.0	66.8 100.2#
89 0.0	41.7 62.5#
88 7.9	32.3 48.5#



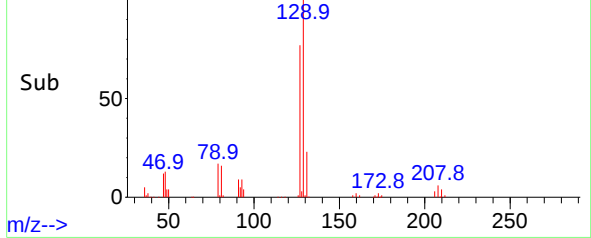
Abundance Scan 2324 (8.812 min): VU047129.D\data.ms (-2



Ref 50



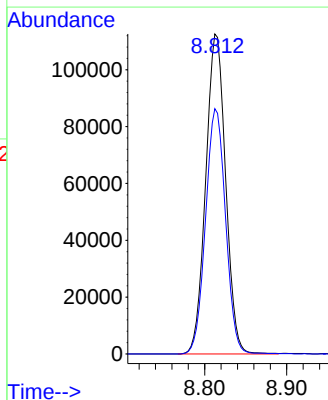
Raw 50

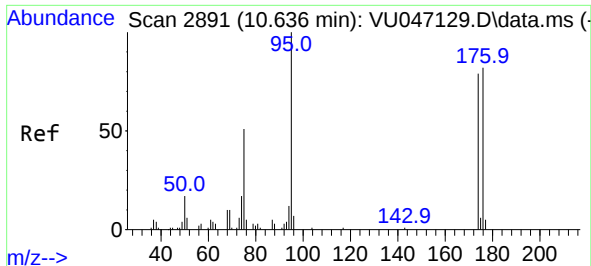


Sub 50

#55
Dibromochloromethane
Concen: 14.363 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

Tgt Ion: 129	Resp: 189627
Ion Ratio	Lower Upper
129 100	
127 77.1	62.2 93.4

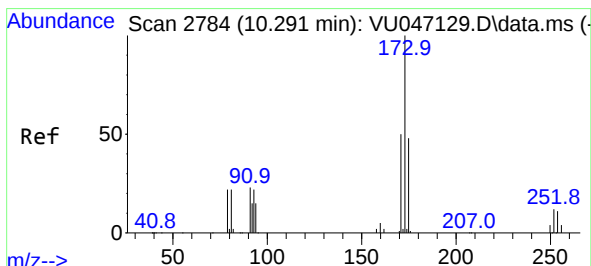
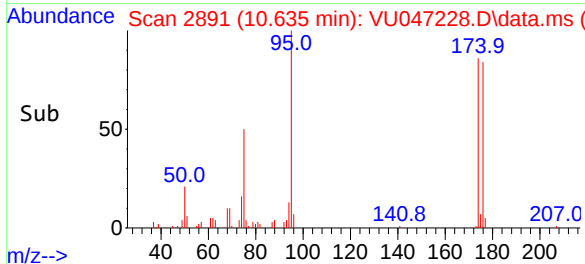
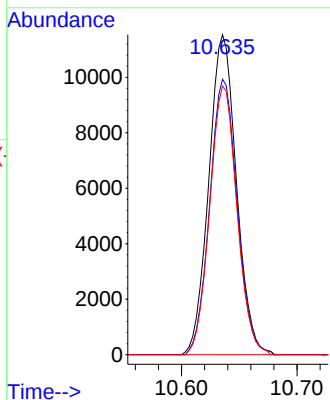
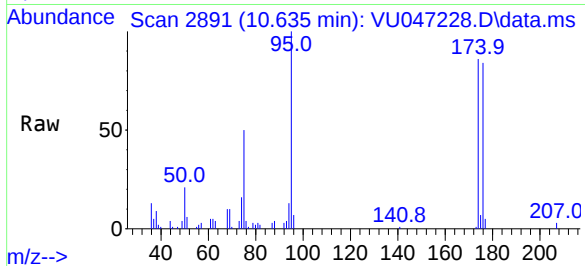




#57
4-Bromofluorobenzene
Concen: 0.956 ug/l
RT: 10.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

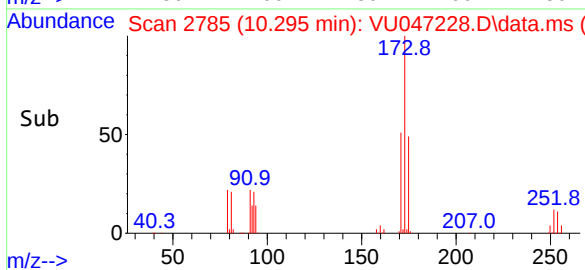
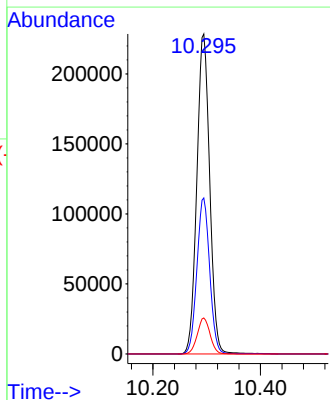
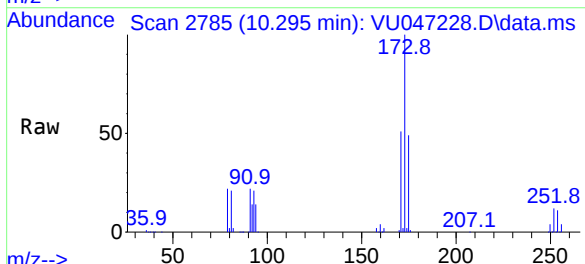
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

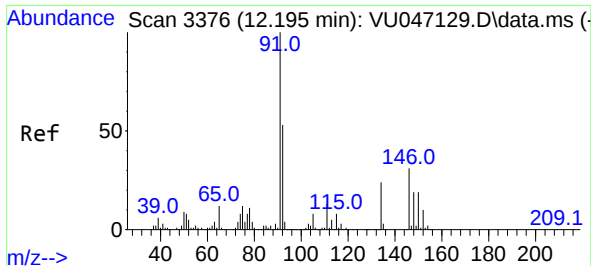
Tgt Ion: 95 Resp: 19165
Ion Ratio Lower Upper
95 100
174 85.6 56.6 84.8#
176 82.6 54.3 81.5#



#67
Bromoform
Concen: 45.402 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047228.D
Acq: 21 Feb 2022 13:29

Tgt Ion:173 Resp: 379851
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 11.1 5.5 8.3#

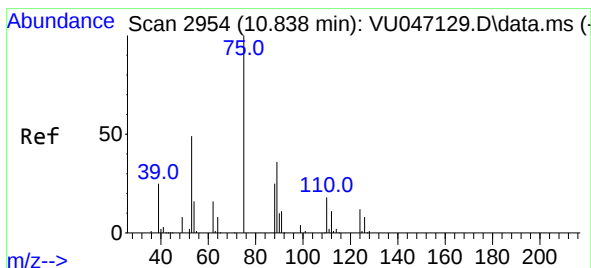
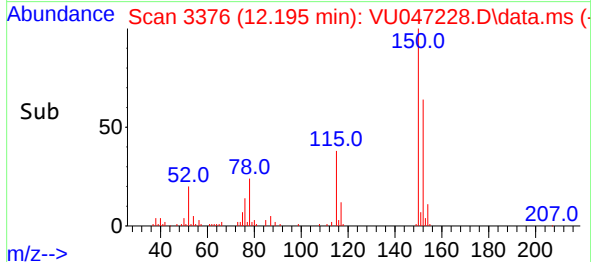
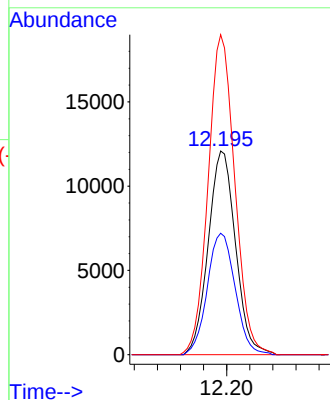
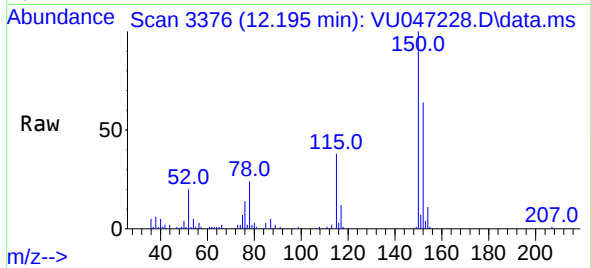




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.950 ug/l
 RT: 12.195 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047228.D
 Acq: 21 Feb 2022 13:29

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Tgt Ion:	152	Resp:	19846
Ion	Ratio	Lower	Upper
152	100		
115	60.8	0.0	251.0
150	153.4	0.0	613.8



#71
 1,2,3-Trichloropropane
 Concen: 0.747 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.203 min
 Lab File: VU047228.D
 Acq: 21 Feb 2022 13:29

Tgt Ion:	75	Resp:	9258
Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	105.6
110	0.0	0.0	71.2
97	0.0	0.0	36.8

