

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053780.D
 Acq On : 19 Apr 2023 13:32
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Apr 20 08:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:05:37 2023
 Response via : Initial Calibration

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

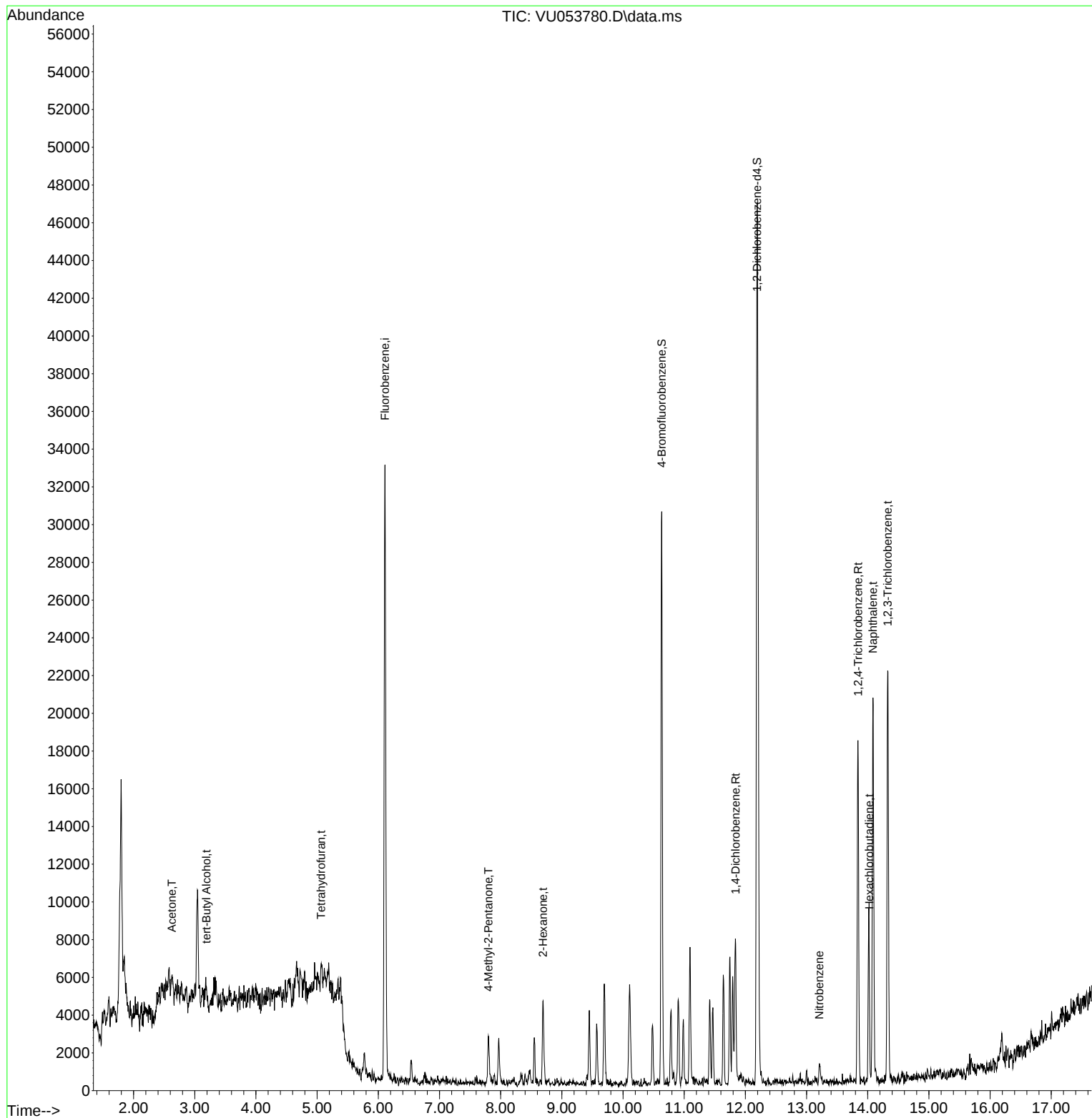
Internal Standards						
1) Fluorobenzene	6.108	96	30259	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	10519	0.954	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	11817	1.027	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
					Qvalue	
13) Acetone	2.623	43	1305	0.417	ug/l	93
24) tert-Butyl Alcohol	3.189	59	355	0.561	ug/l #	1
41) Tetrahydrofuran	5.067	42	238	0.206	ug/l #	28
45) 4-Methyl-2-Pentanone	7.800	43	1814	0.412	ug/l	93
54) 2-Hexanone	8.690	43	3562	0.767	ug/l	89
80) Nitrobenzene	13.208	77	973	4.783	ug/l #	66
83) 1,4-Dichlorobenzene	11.838	146	4193	0.221	ug/l	94
87) 1,2,4-Trichlorobenzene	13.841	180	6425	0.603	ug/l	97
88) Hexachlorobutadiene	14.024	225	1729	0.327	ug/l	95
89) Naphthalene	14.086	128	18862	0.892	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	7898	0.835	ug/l	100

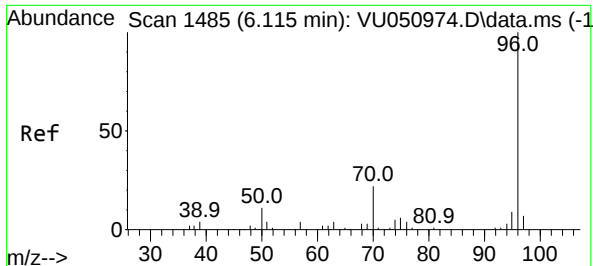
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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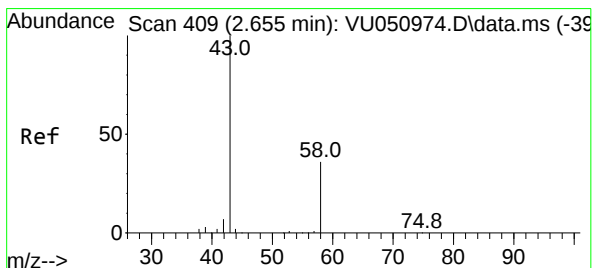
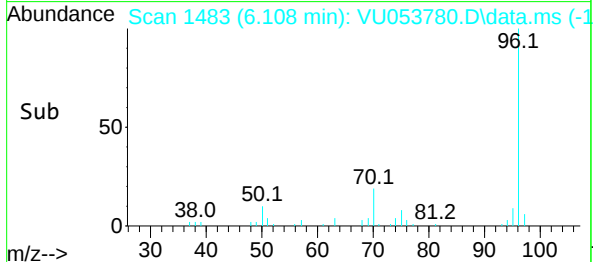
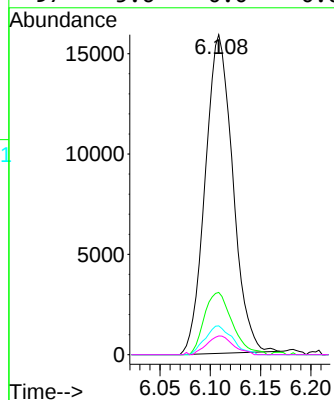
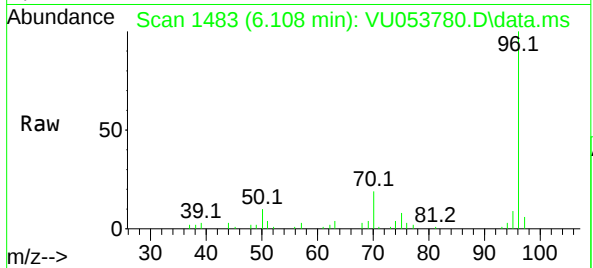




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

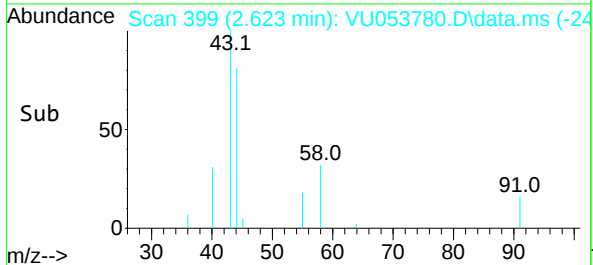
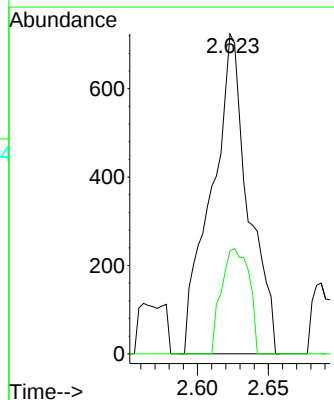
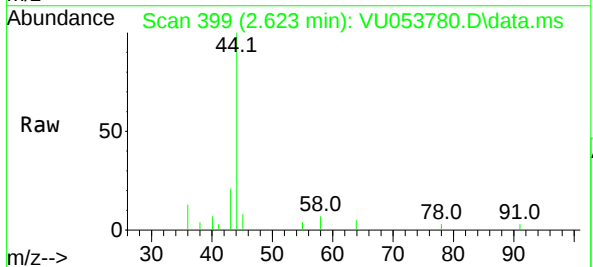
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

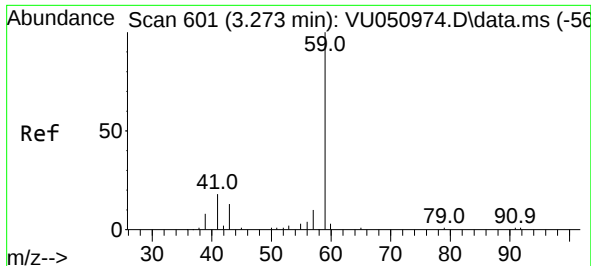
Tgt Ion:	96	Resp:	30259
Ion Ratio	Lower	Upper	
96	100		
70	19.8	16.5	24.7
95	8.9	7.4	11.0
97	5.6	0.0	0.0



#13
Acetone
Concen: 0.417 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

Tgt Ion:	43	Resp:	1305
Ion Ratio	Lower	Upper	
43	100		
58	32.2	29.0	43.4

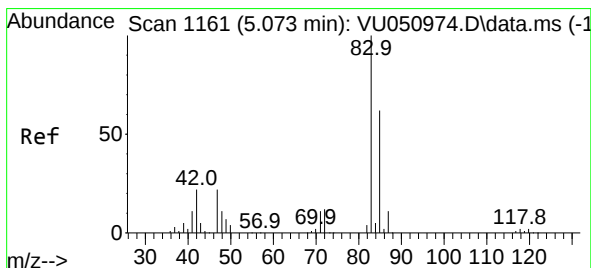
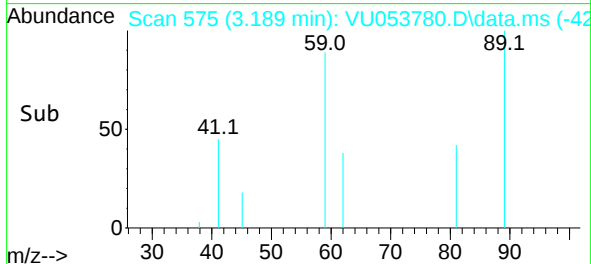
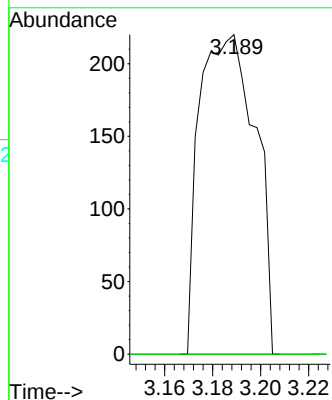
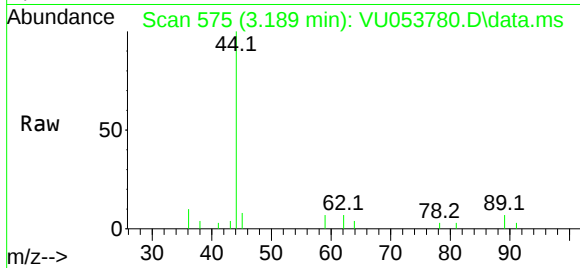




#24
tert-Butyl Alcohol
Concen: 0.561 ug/l
RT: 3.189 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

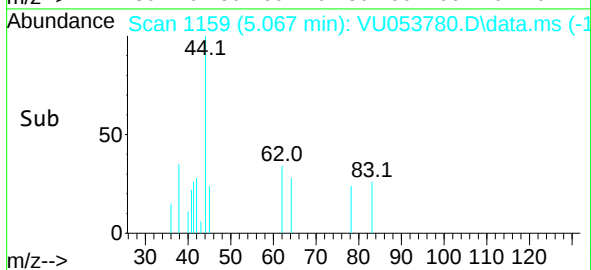
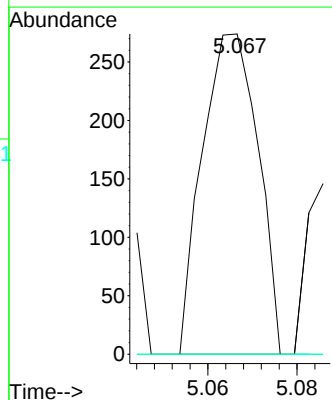
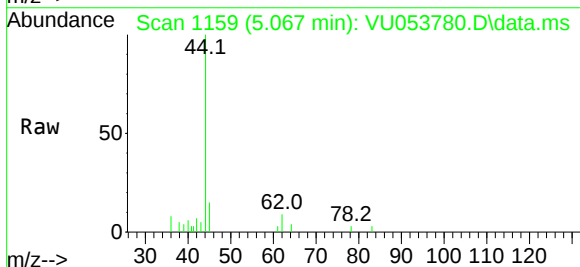
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

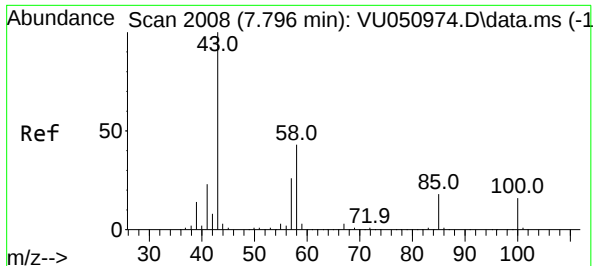
Tgt Ion: 59 Resp: 355
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#



#41
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

Tgt Ion: 42 Resp: 238
Ion Ratio Lower Upper
42 100
72 0.0 40.9 61.3#
71 0.0 36.9 55.3#





#45

4-Methyl-2-Pentanone

Concen: 0.412 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU053780.D

Acq: 19 Apr 2023 13:32

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

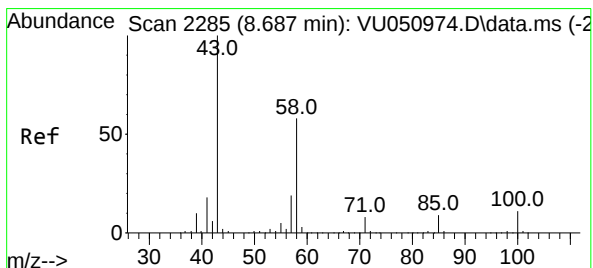
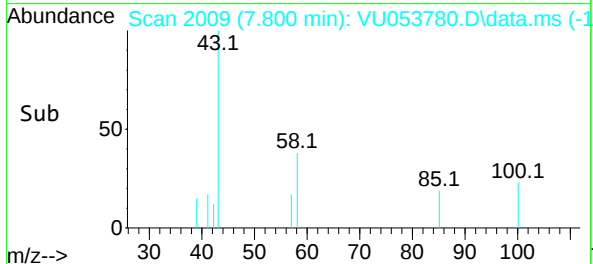
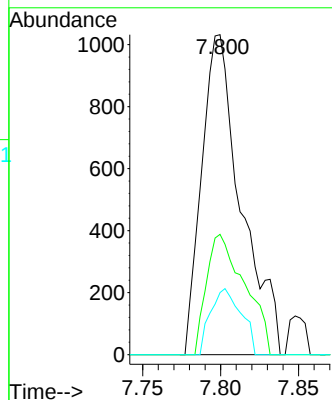
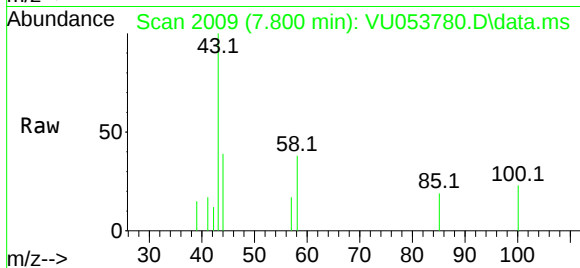
Tgt Ion: 43 Resp: 1814

Ion Ratio Lower Upper

43 100

58 36.5 20.9 62.8

85 16.1 14.6 21.8



#54

2-Hexanone

Concen: 0.767 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU053780.D

Acq: 19 Apr 2023 13:32

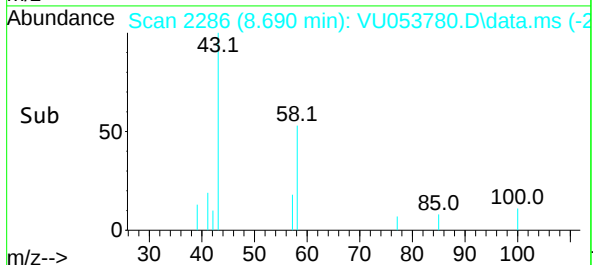
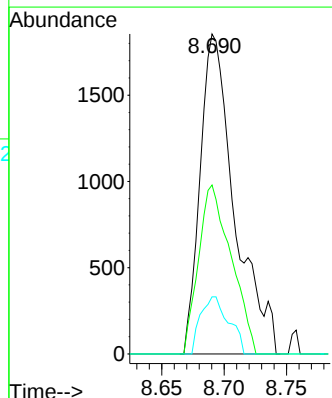
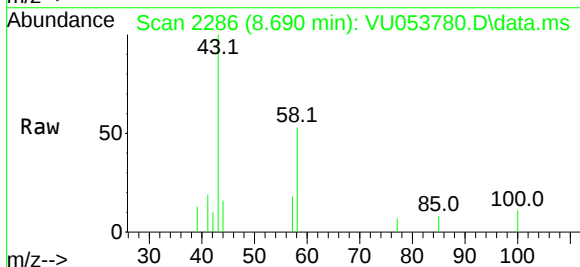
Tgt Ion: 43 Resp: 3562

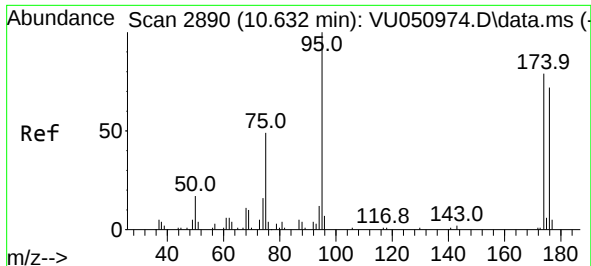
Ion Ratio Lower Upper

43 100

58 49.9 38.2 78.2

57 14.6 0.0 39.1

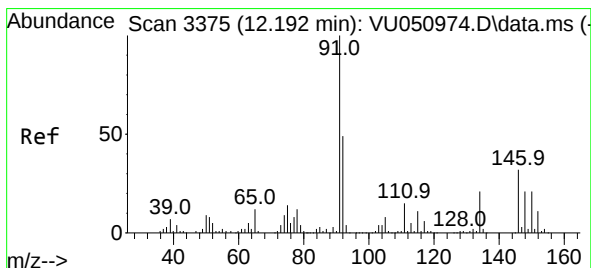
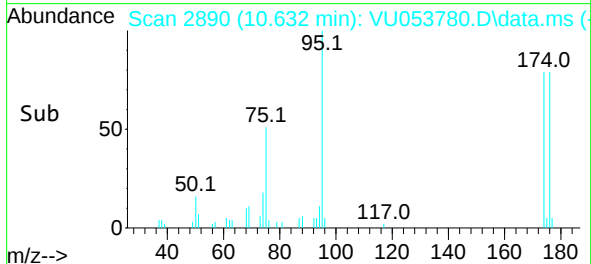
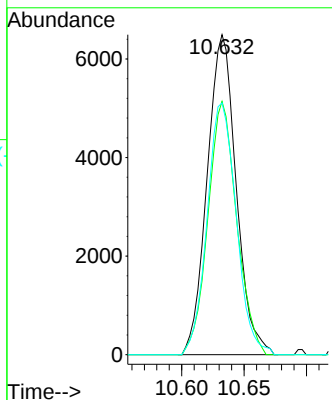
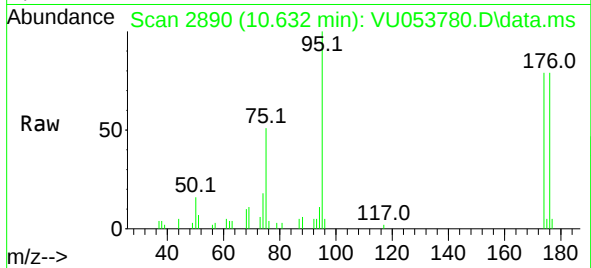




#57
 4-Bromofluorobenzene
 Concen: 0.954 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.000 min
 Lab File: VU053780.D
 Acq: 19 Apr 2023 13:32

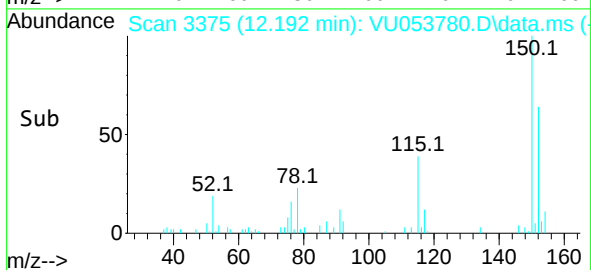
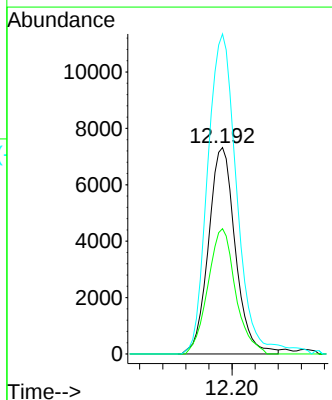
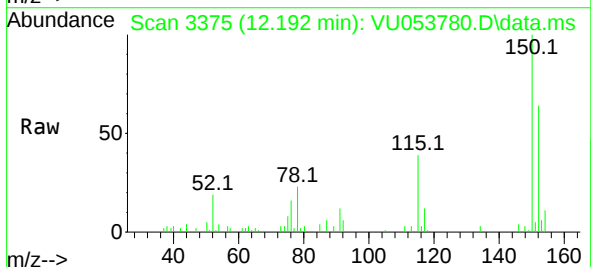
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

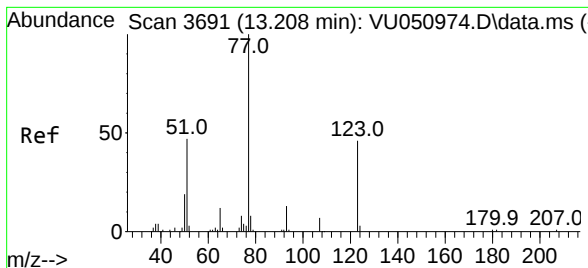
Tgt Ion: 95 Resp: 10519
 Ion Ratio Lower Upper
 95 100
 174 78.5 63.3 94.9
 176 79.0 59.3 88.9



#68
 1,2-Dichlorobenzene-d4
 Concen: 1.027 ug/l
 RT: 12.192 min Scan# 3375
 Delta R.T. 0.003 min
 Lab File: VU053780.D
 Acq: 19 Apr 2023 13:32

Tgt Ion: 152 Resp: 11817
 Ion Ratio Lower Upper
 152 100
 115 62.3 0.0 308.8
 150 169.0 0.0 635.0

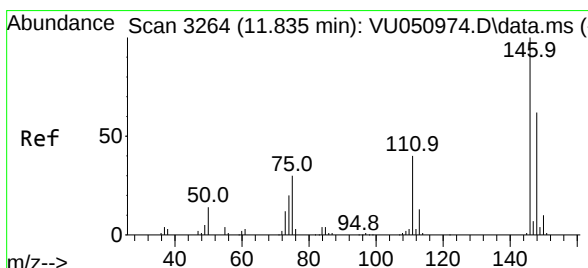
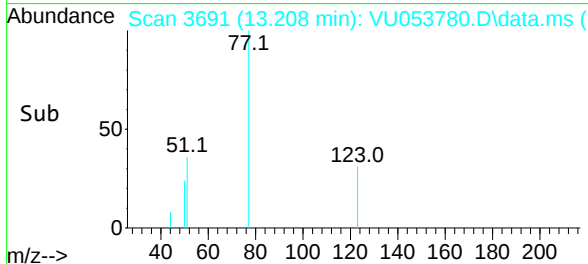
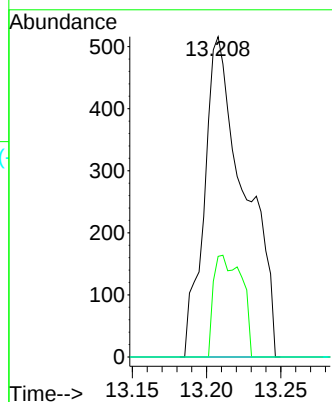
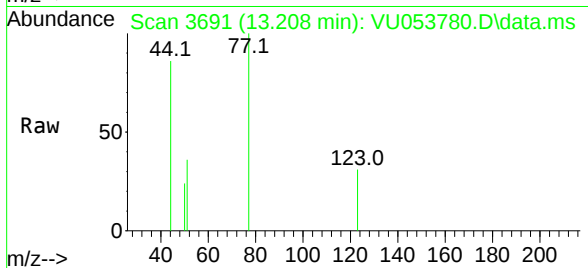




#80
Nitrobenzene
Concen: 4.783 ug/l
RT: 13.208 min Scan# 30
Delta R.T. 0.006 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

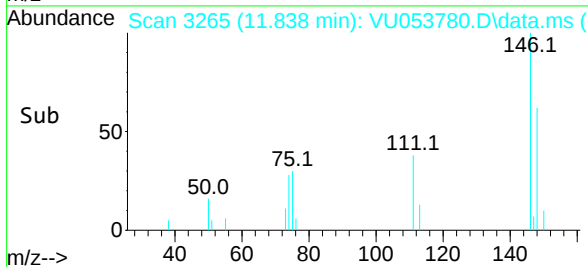
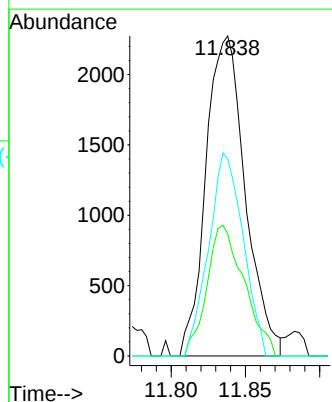
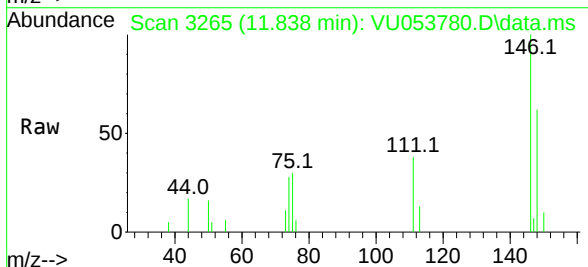
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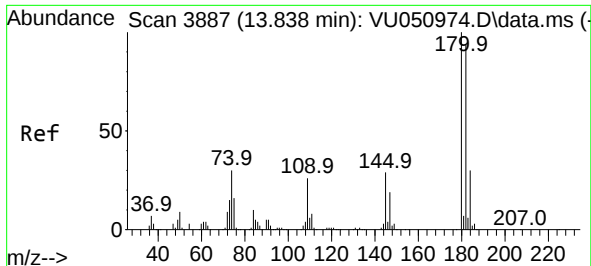
Tgt Ion: 77 Resp: 973
Ion Ratio Lower Upper
77 100
123 22.0 19.7 69.7
65 0.0 11.5 14.7#



#83
1,4-Dichlorobenzene
Concen: 0.221 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.006 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

Tgt Ion: 146 Resp: 4193
Ion Ratio Lower Upper
146 100
111 38.8 31.6 47.4
148 55.6 50.3 75.5

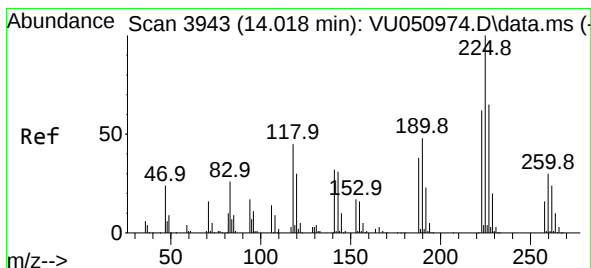
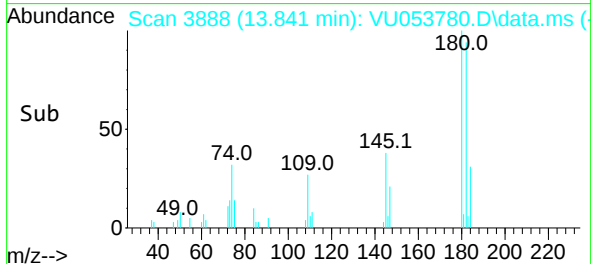
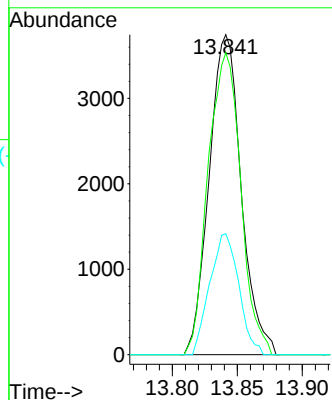
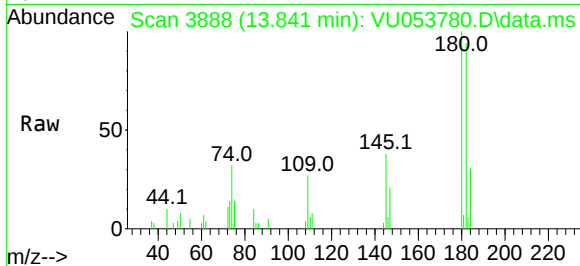




#87
1,2,4-Trichlorobenzene
Concen: 0.603 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.006 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

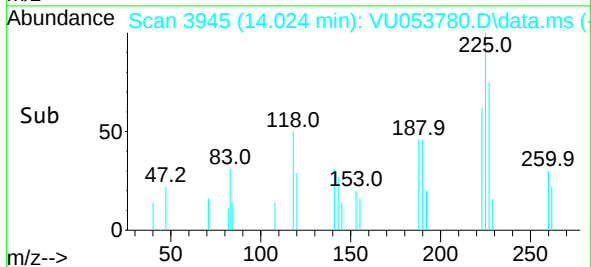
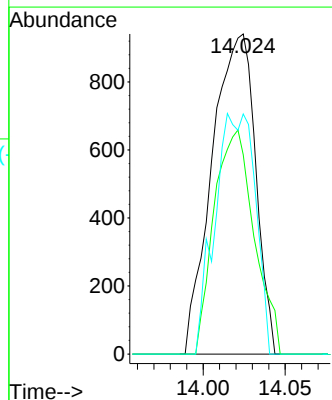
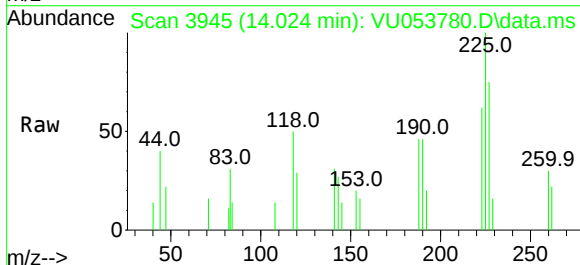
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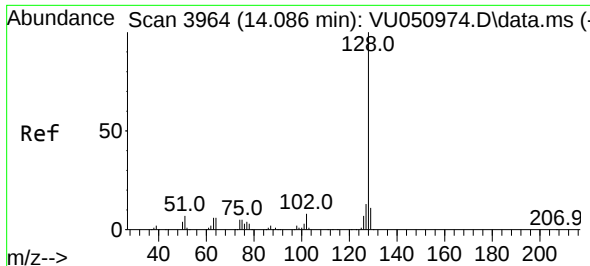
Tgt Ion:180 Resp: 6425
Ion Ratio Lower Upper
180 100
182 96.1 75.8 113.6
145 34.3 23.9 35.9



#88
Hexachlorobutadiene
Concen: 0.327 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.006 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

Tgt Ion:225 Resp: 1729
Ion Ratio Lower Upper
225 100
223 64.7 50.2 75.4
227 69.9 51.5 77.3

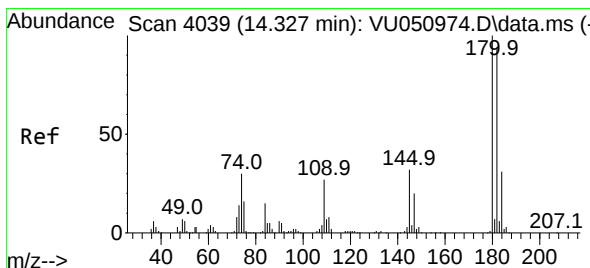
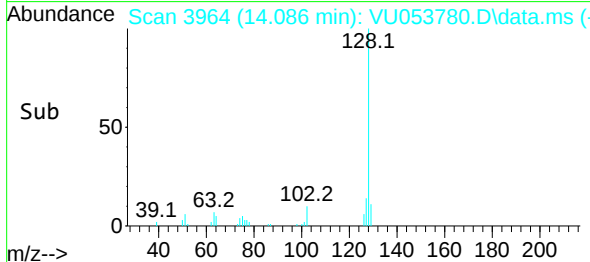
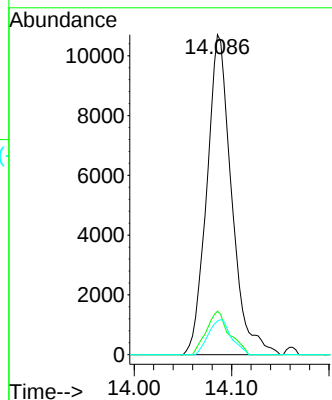
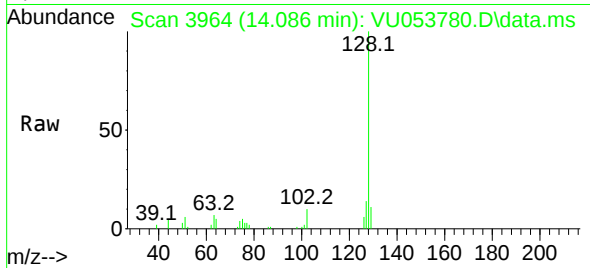




#89
Naphthalene
Concen: 0.892 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:128	Resp:	18862
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.9 16.3
129	10.1	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.835 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053780.D
Acq: 19 Apr 2023 13:32

Tgt Ion:180	Resp:	7898
Ion Ratio	Lower	Upper
180	100	
182	94.6	75.7 113.5
145	32.9	26.1 39.1

