

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033023\
 Data File : VU053479.D
 Acq On : 30 Mar 2023 10:53
 Operator : JC/MD
 Sample : VU0330WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 12:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 11:46:56 2023
 Response via : Initial Calibration

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

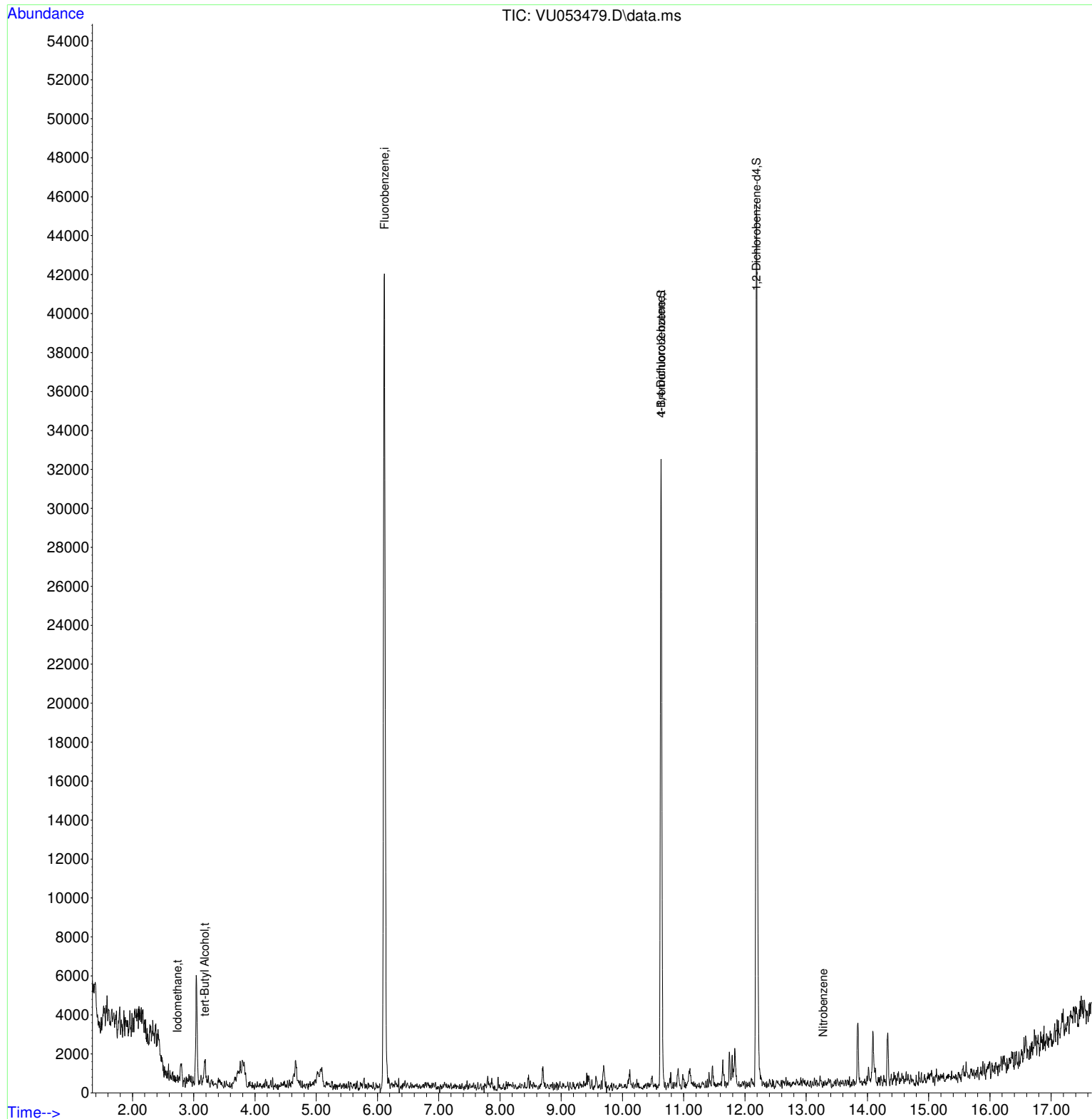
Internal Standards						
1) Fluorobenzene	6.112	96	39852	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12190	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	12.189	152	11161	0.77	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.00%	
Target Compounds						
						Qvalue
5) Bromomethane	1.864	94	284	Below Cal		82
10) Iodomethane	2.732	142	201	0.48 ug/l	#	31
15) Methylene Chloride	3.044	84	2125	Below Cal	#	80
24) tert-Butyl Alcohol	3.176	59	1025	2.64 ug/l	#	1
46) t-1,4-Dichloro-2-butene	10.629	75	6921	2.60 ug/l	#	16
80) Nitrobenzene	13.275	77	95	0.39 ug/l	#	40

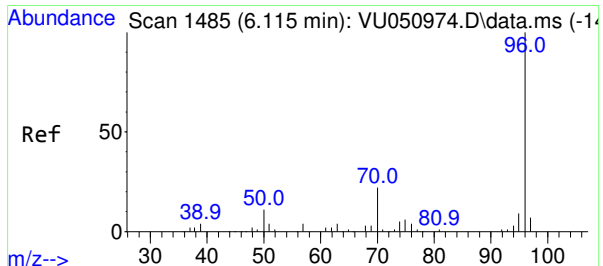
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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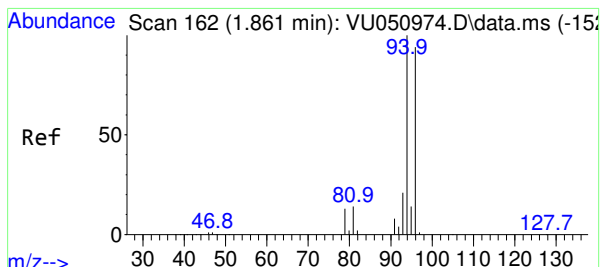
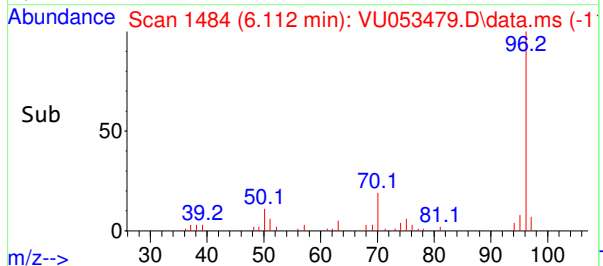
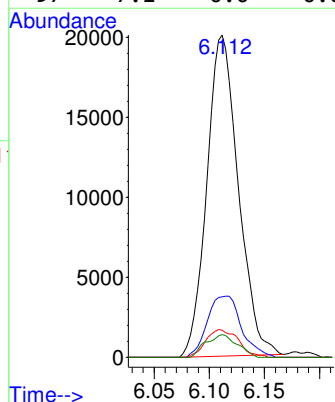
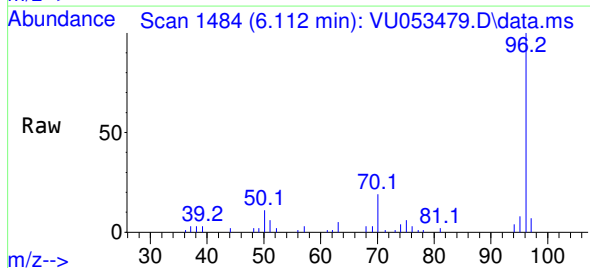




#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.112 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053479.D
Acq: 30 Mar 2023 10:53

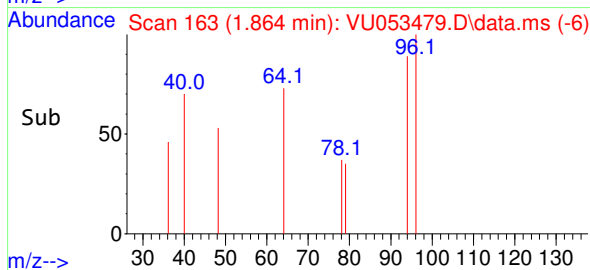
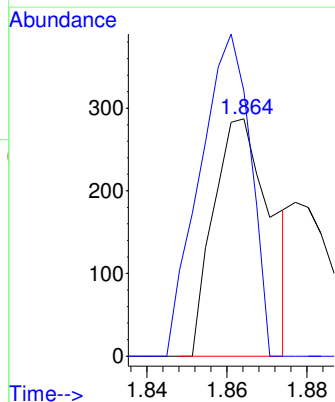
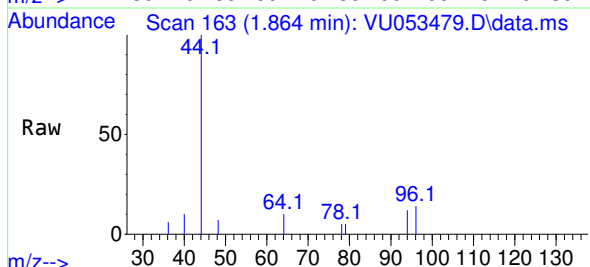
Instrument :
MSVOA_U
ClientSampleId :

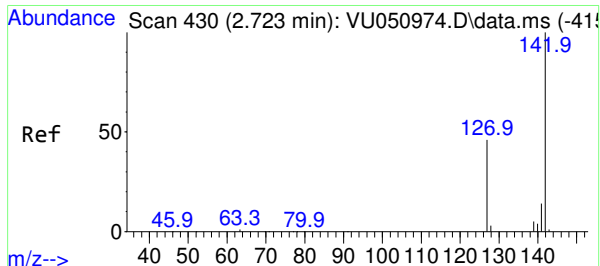
Tgt Ion:	96	Resp:	39852
Ion	Ratio	Lower	Upper
96	100		
70	20.6	16.5	24.7
95	9.1	7.4	11.0
97	7.1	0.0	0.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU053479.D
Acq: 30 Mar 2023 10:53

Tgt Ion:	94	Resp:	284
Ion	Ratio	Lower	Upper
94	100		
96	111.8	75.4	113.2

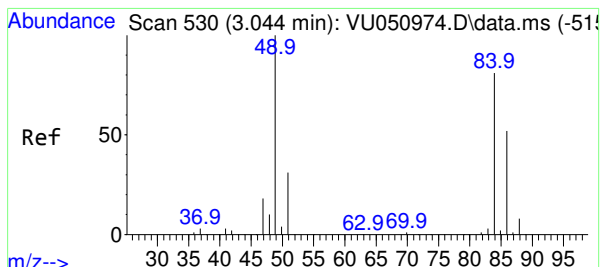
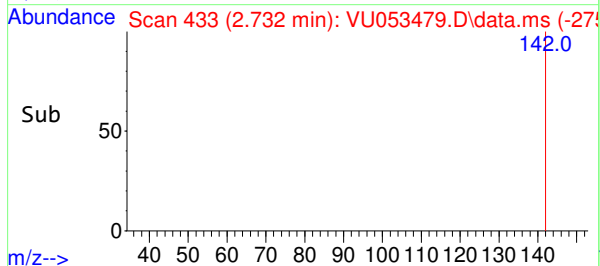
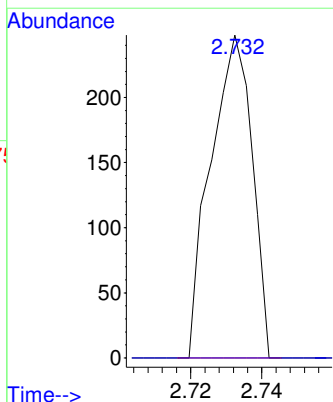
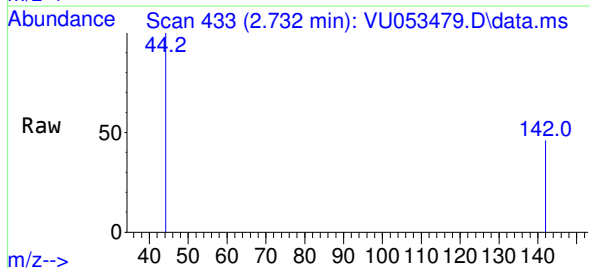




#10
Iodomethane
Concen: 0.48 ug/l
RT: 2.732 min Scan# 4
Delta R.T. 0.009 min
Lab File: VU053479.D
Acq: 30 Mar 2023 10:53

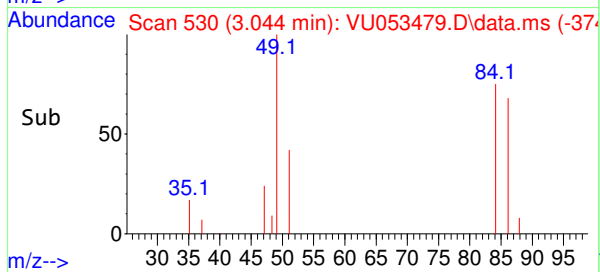
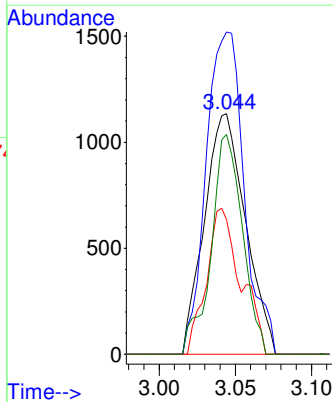
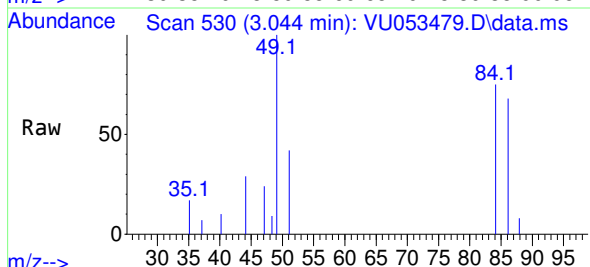
Instrument :
MSVOA_U
ClientSampleId :

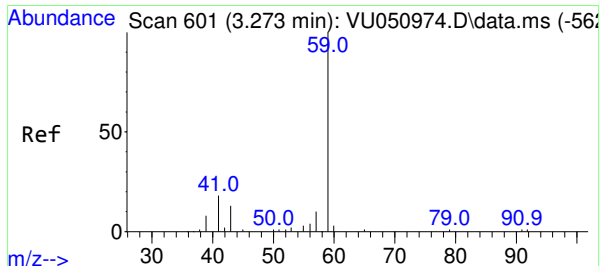
Tgt Ion:142 Resp: 201
Ion Ratio Lower Upper
142 100
127 0.0 35.9 53.9#



#15
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU053479.D
Acq: 30 Mar 2023 10:53

Tgt Ion: 84 Resp: 2125
Ion Ratio Lower Upper
84 100
49 133.9 98.9 148.3
51 56.0 0.0 75.4
86 91.3 51.3 76.9#





#24

tert-Butyl Alcohol

Concen: 2.64 ug/l

RT: 3.176 min Scan# 5

Delta R.T. -0.097 min

Lab File: VU053479.D

Acq: 30 Mar 2023 10:53

Instrument :

MSVOA_U

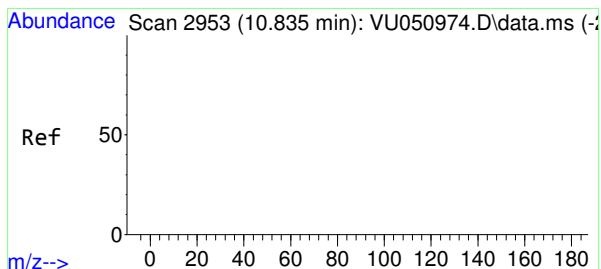
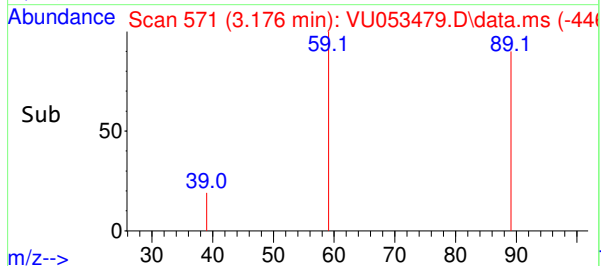
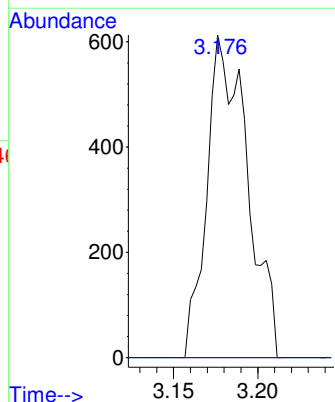
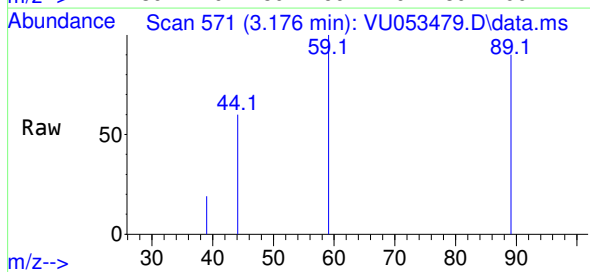
ClientSampleId :

Tgt Ion: 59 Resp: 1025

Ion Ratio Lower Upper

59 100

57 0.0 105.6 158.4#



#46

t-1,4-Dichloro-2-butene

Concen: 2.60 ug/l

RT: 10.629 min Scan# 2889

Delta R.T. -0.206 min

Lab File: VU053479.D

Acq: 30 Mar 2023 10:53

Tgt Ion: 75 Resp: 6921

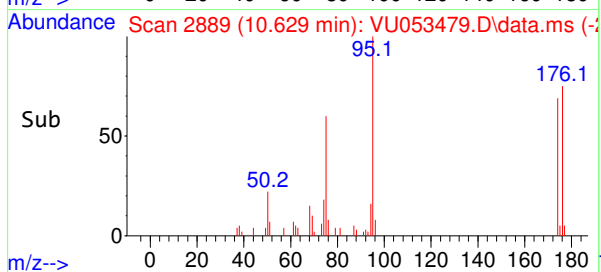
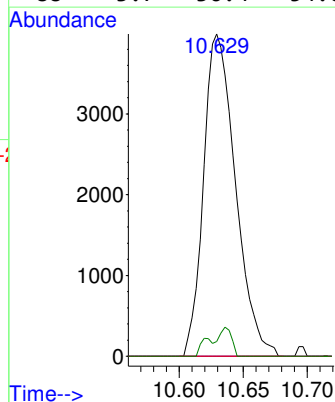
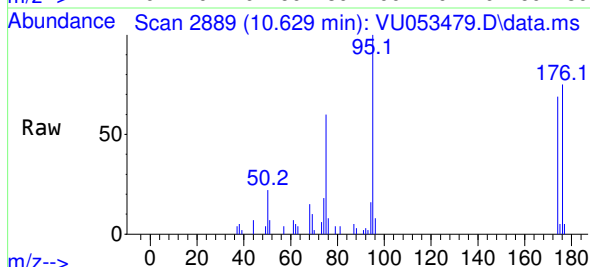
Ion Ratio Lower Upper

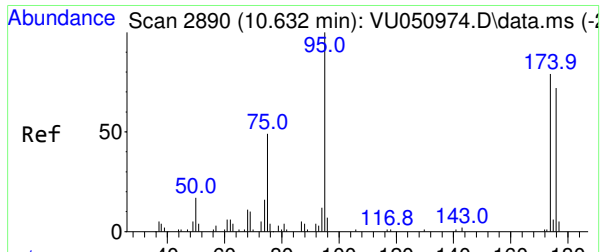
75 100

53 0.0 73.3 109.9#

89 0.0 48.2 72.4#

88 3.7 36.4 54.6#

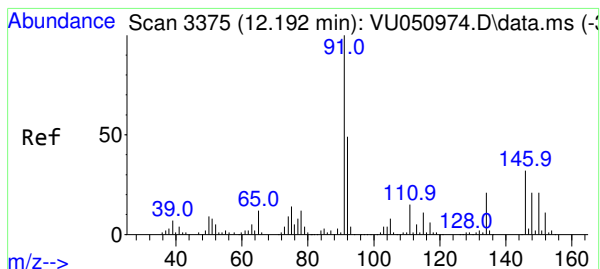
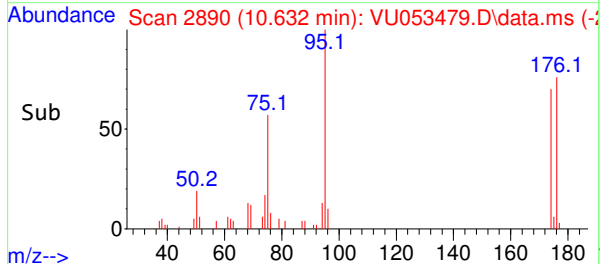
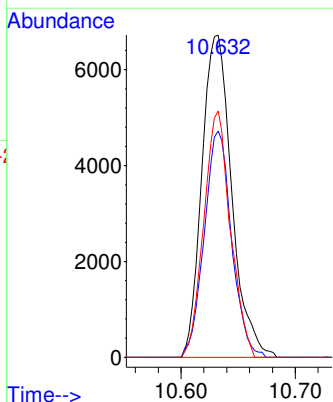
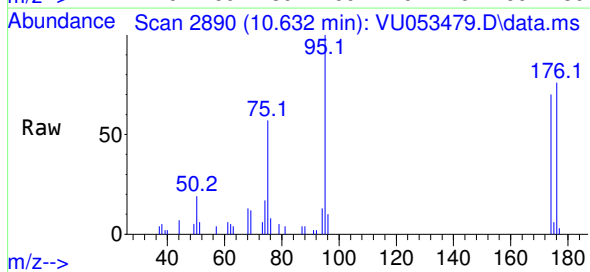




#57
4-Bromofluorobenzene
Concen: 0.85 ug/l
RT: 10.632 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU053479.D
Acq: 30 Mar 2023 10:53

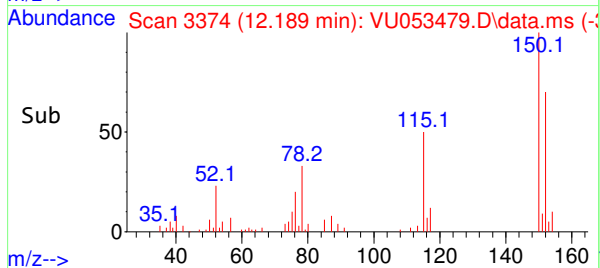
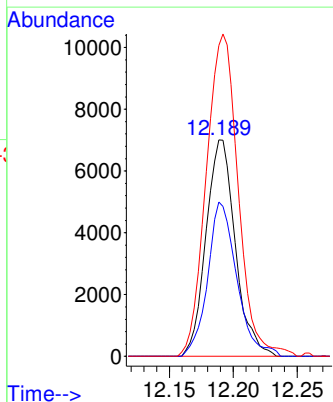
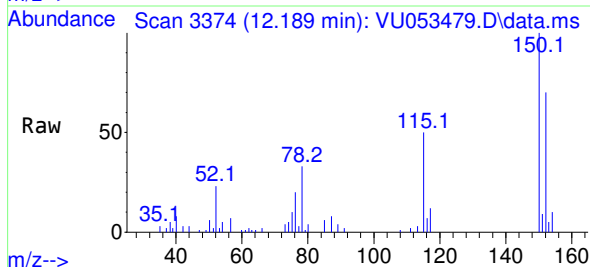
Instrument :
MSVOA_U
ClientSampleId :

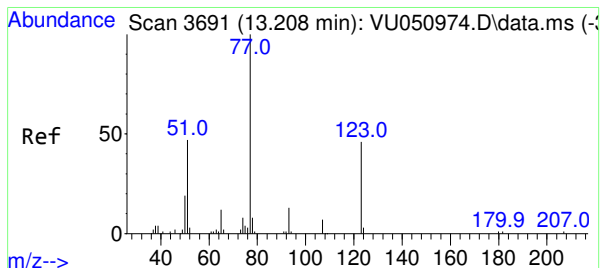
Tgt Ion:	95	Resp:	12190
Ion	Ratio	Lower	Upper
95	100		
174	64.4	63.3	94.9
176	68.2	59.3	88.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.77 ug/l
RT: 12.189 min Scan# 3374
Delta R.T. -0.003 min
Lab File: VU053479.D
Acq: 30 Mar 2023 10:53

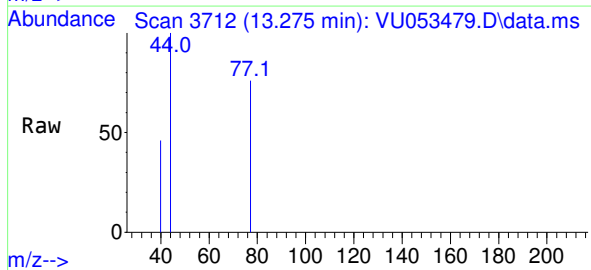
Tgt Ion:	152	Resp:	11161
Ion	Ratio	Lower	Upper
152	100		
115	70.7	0.0	308.8
150	162.3	0.0	635.0





#80
 Nitrobenzene
 Concen: 0.39 ug/l
 RT: 13.275 min Scan# 3
 Delta R.T. 0.067 min
 Lab File: VU053479.D
 Acq: 30 Mar 2023 10:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	77	Resp:	95
Ion	Ratio	Lower	Upper
77	100		
123	0.0	19.7	69.7#
65	0.0	11.5	14.7#

