

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054877.D
 Acq On : 26 Jul 2023 15:37
 Operator : MD/SY
 Sample : VU0726WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0726WBL01

Quant Time: Jul 28 03:20:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

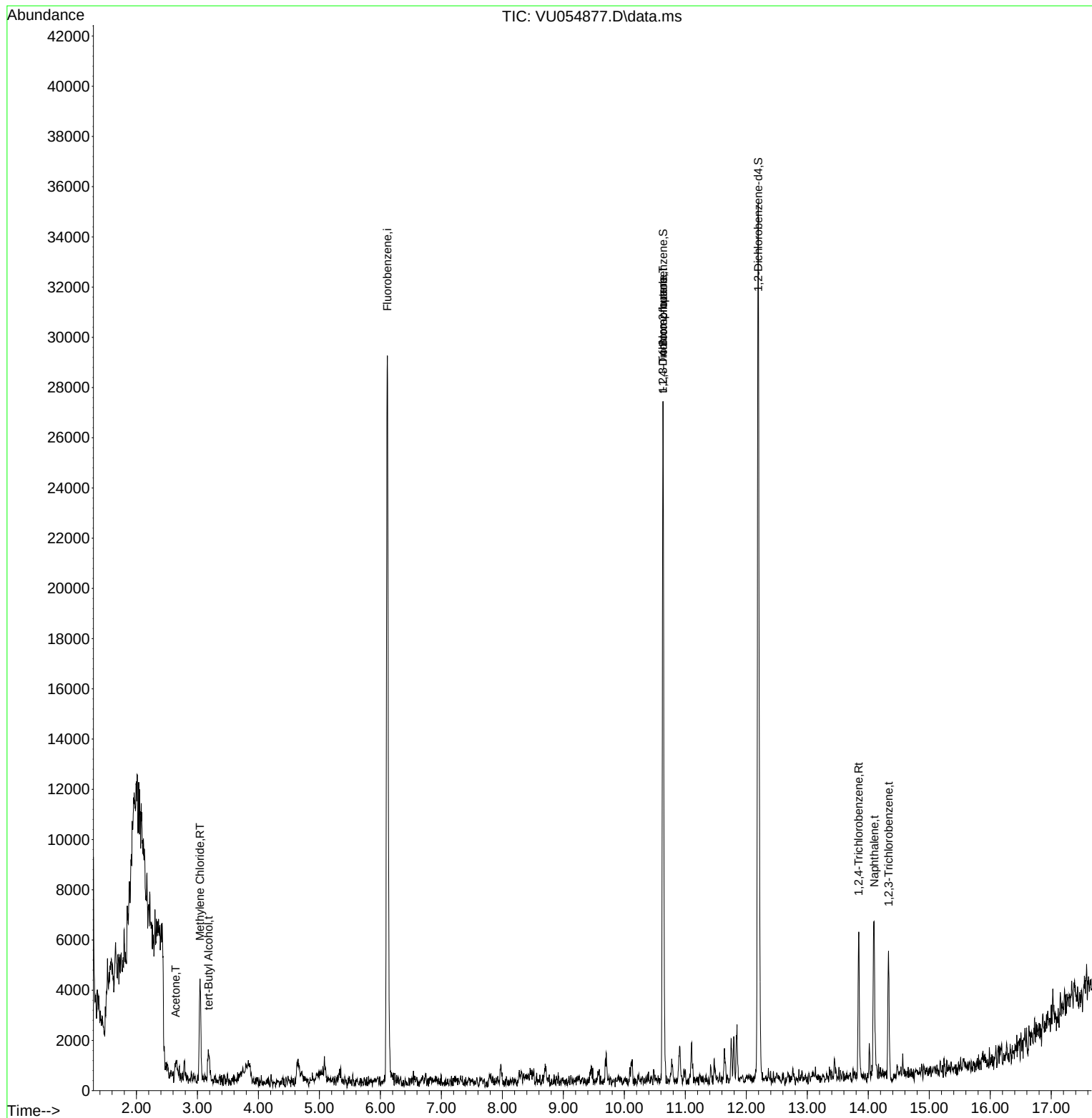
Internal Standards						
1) Fluorobenzene	6.113	96	27569	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8362	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9079	0.961	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
13) Acetone	2.644	43	851	0.682	ug/l	# 37
15) Methylene Chloride	3.039	84	1535	0.202	ug/l	# 80
24) tert-Butyl Alcohol	3.181	59	657	1.006	ug/l	# 92
46) t-1,4-Dichloro-2-butene	10.631	75	4906	3.169	ug/l	# 19
71) 1,2,3-Trichloropropane	10.631	75	4906	1.065	ug/l	# 42
87) 1,2,4-Trichlorobenzene	13.840	180	2124	0.221	ug/l	88
89) Naphthalene	14.097	128	7176	0.481	ug/l	# 94
90) 1,2,3-Trichlorobenzene	14.331	180	1822	0.213	ug/l	91

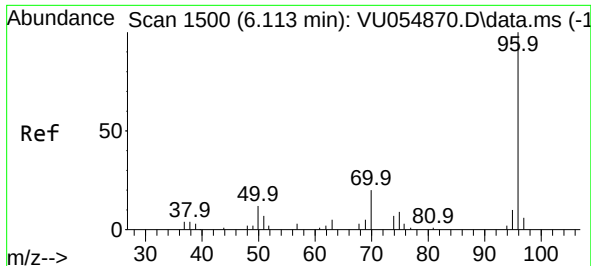
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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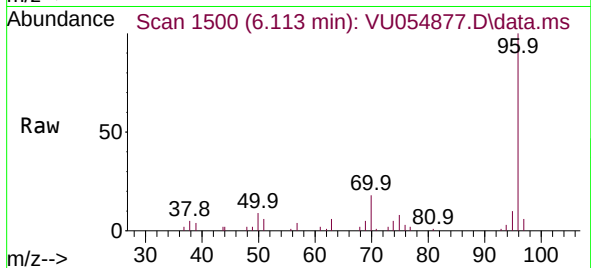
Quant Time: Jul 28 03:20:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
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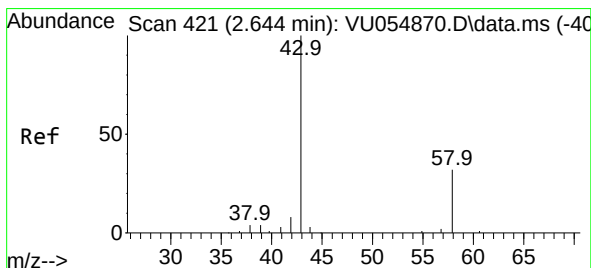
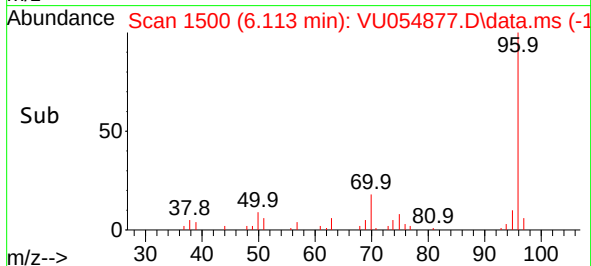
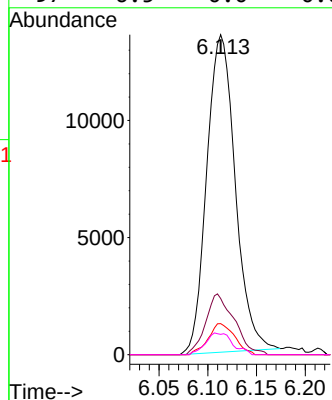


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054877.D
Acq: 26 Jul 2023 15:37

Instrument :
MSVOA_U
ClientSampleId :
VU0726WBL01

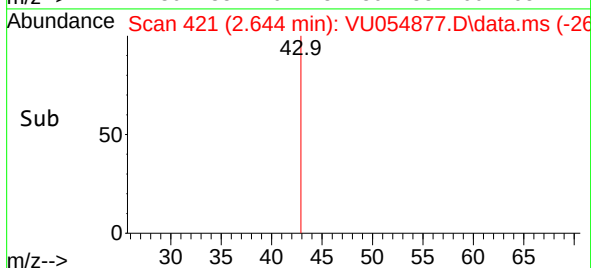
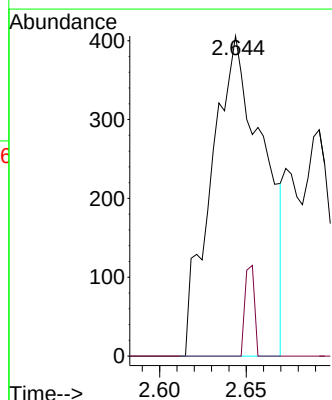
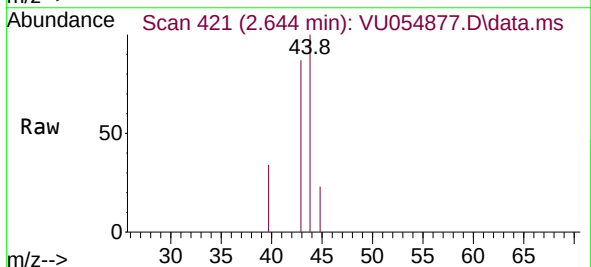


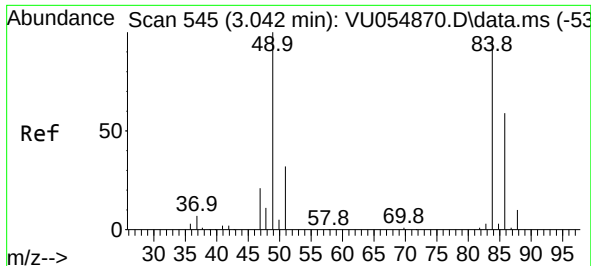
Tgt Ion:	96	Resp:	27569
Ion	Ratio	Lower	Upper
96	100		
70	19.1	14.0	21.0
95	9.1	8.7	13.1
97	6.5	0.0	0.0



#13
Acetone
Concen: 0.682 ug/l
RT: 2.644 min Scan# 421
Delta R.T. 0.000 min
Lab File: VU054877.D
Acq: 26 Jul 2023 15:37

Tgt Ion:	43	Resp:	851
Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.7	46.1

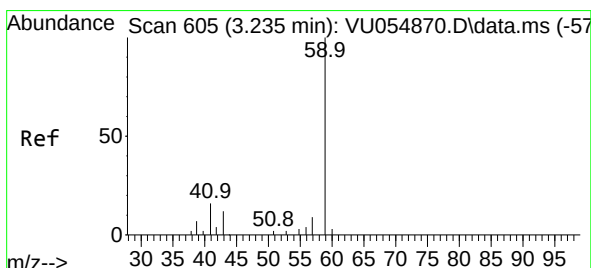
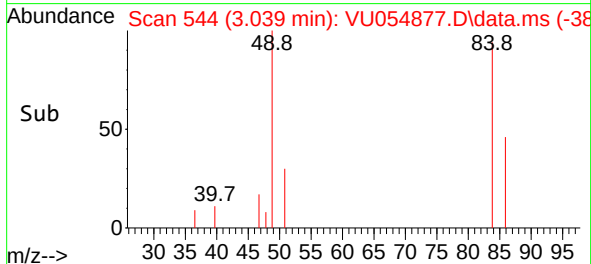
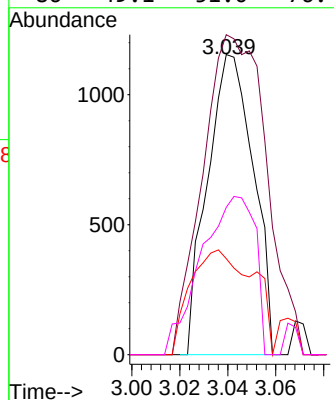
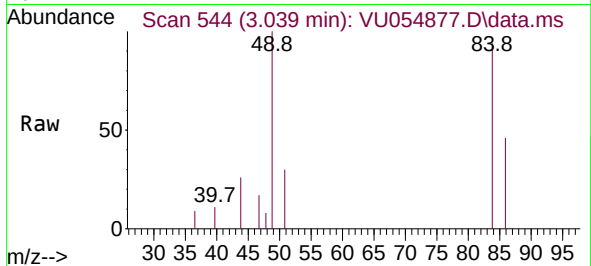




#15
Methylene Chloride
Concen: 0.202 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU054877.D
Acq: 26 Jul 2023 15:37

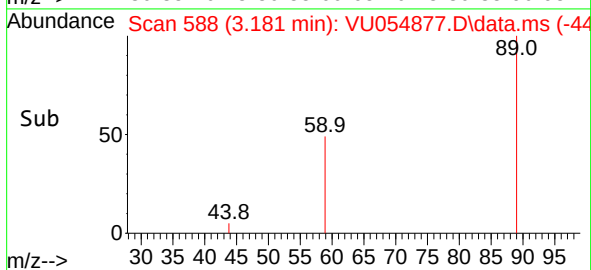
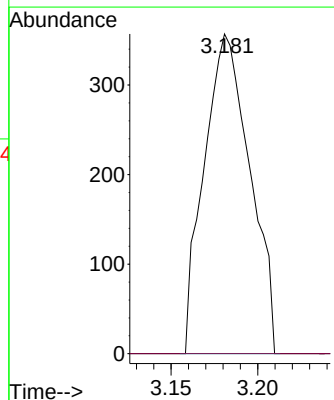
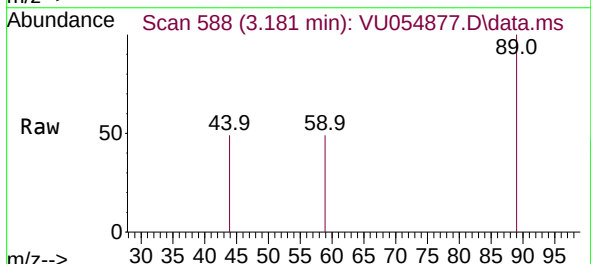
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBL01

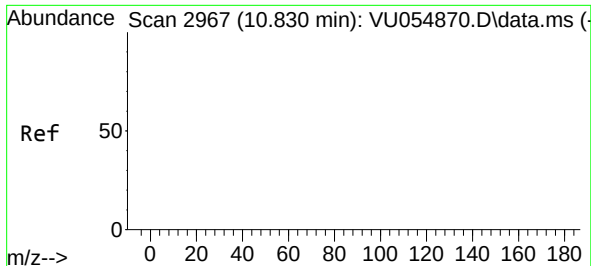
Tgt Ion: 84	Resp: 1535
Ion Ratio	Lower Upper
84	100
49	89.1 87.8 131.6
51	20.6 0.0 68.2
86	49.1 51.0 76.4



#24
tert-Butyl Alcohol
Concen: 1.006 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.054 min
Lab File: VU054877.D
Acq: 26 Jul 2023 15:37

Tgt Ion: 59	Resp: 657
Ion Ratio	Lower Upper
59	100
57	0.0 2.2 3.2

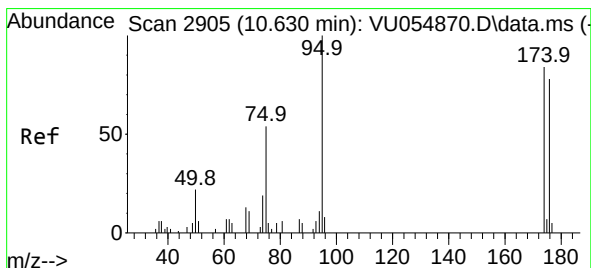
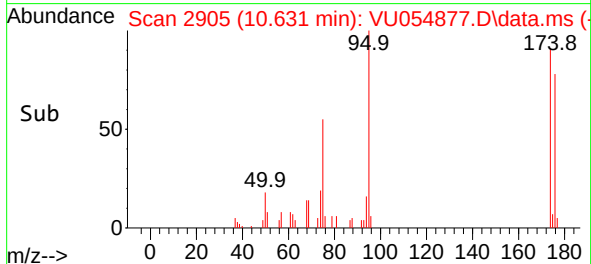
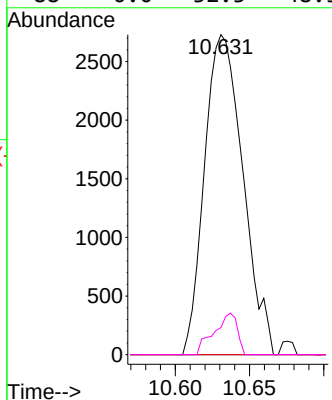
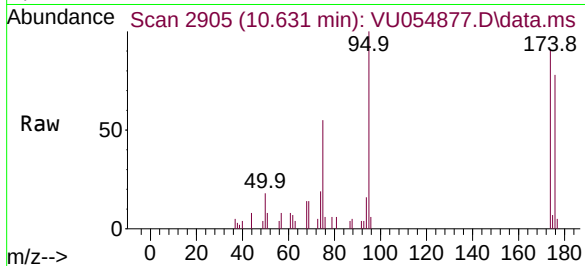




#46
t-1,4-Dichloro-2-butene
Concen: 3.169 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. -0.199 min
Lab File: VU054877.D
Acq: 26 Jul 2023 15:37

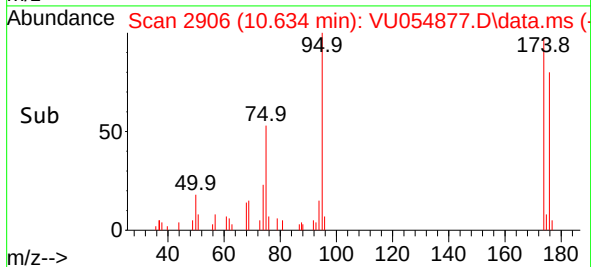
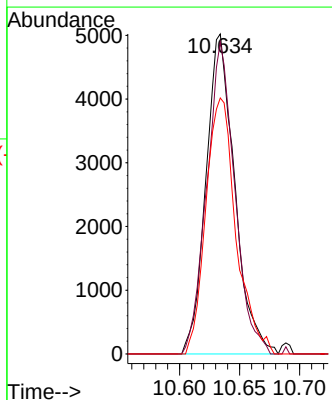
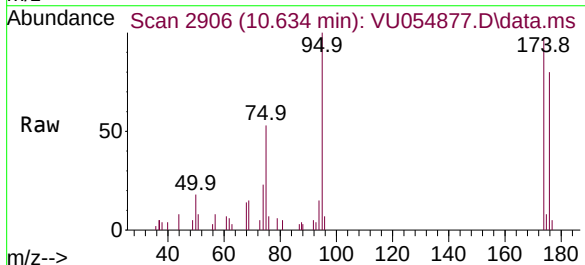
Instrument : MSVOA_U
ClientSampleId : VU0726WBL01

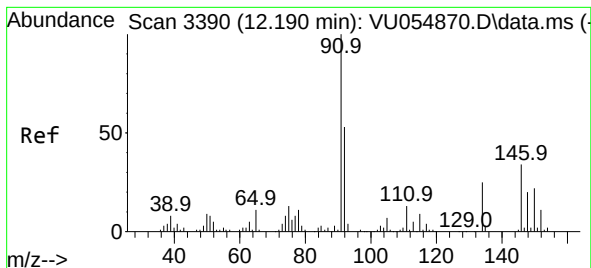
Tgt Ion:	75	Resp:	4906
Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.9	94.3#
89	0.0	47.8	71.8#
88	0.0	32.3	48.5#



#57
4-Bromofluorobenzene
Concen: 1.000 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.003 min
Lab File: VU054877.D
Acq: 26 Jul 2023 15:37

Tgt Ion:	95	Resp:	8362
Ion	Ratio	Lower	Upper
95	100		
174	94.9	79.3	118.9
176	84.0	71.5	107.3





#68

1,2-Dichlorobenzene-d4

Concen: 0.961 ug/l

RT: 12.193 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054877.D

Acq: 26 Jul 2023 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBL01

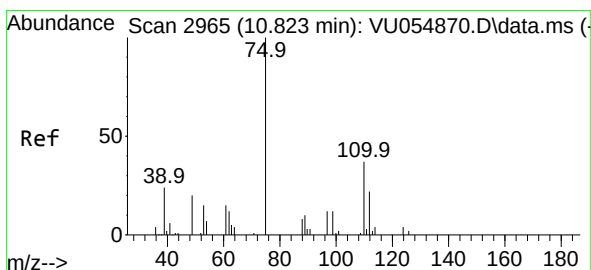
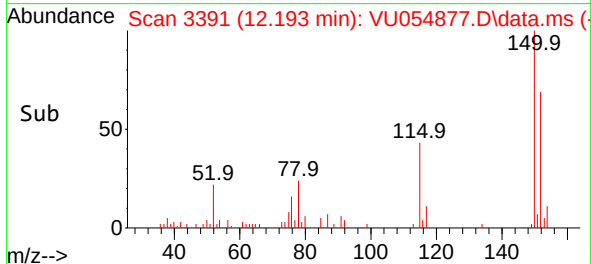
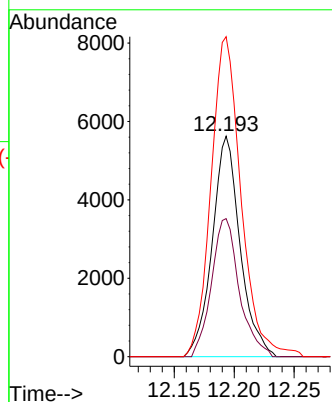
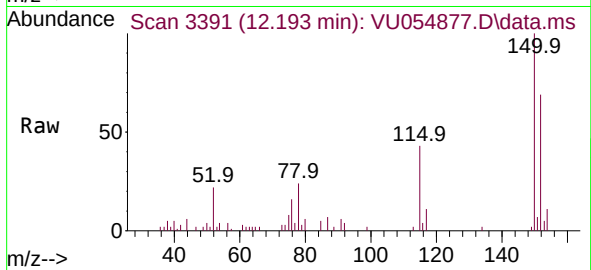
Tgt Ion:152 Resp: 9079

Ion Ratio Lower Upper

152 100

115 62.4 0.0 234.8

150 156.4 0.0 598.2



#71

1,2,3-Trichloropropane

Concen: 1.065 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. -0.193 min

Lab File: VU054877.D

Acq: 26 Jul 2023 15:37

Tgt Ion: 75 Resp: 4906

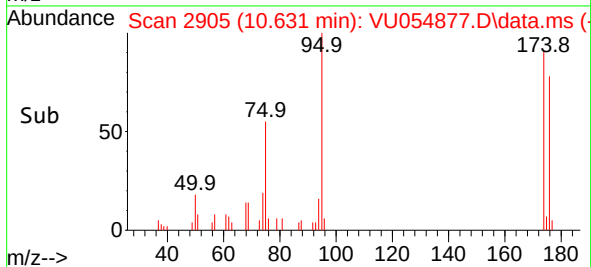
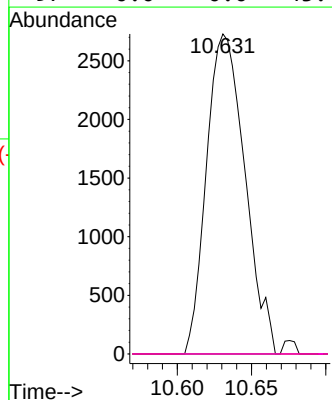
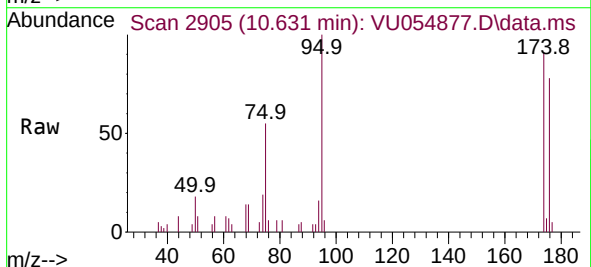
Ion Ratio Lower Upper

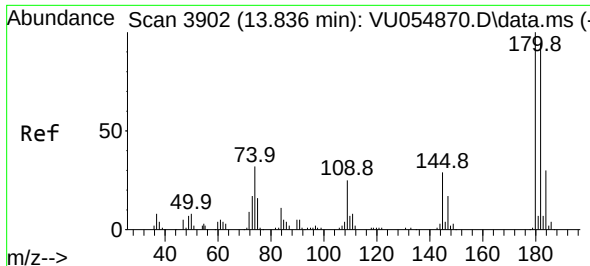
75 100

77 10.8 0.0 0.0#

110 0.0 0.0 80.8

97 0.0 0.0 43.4

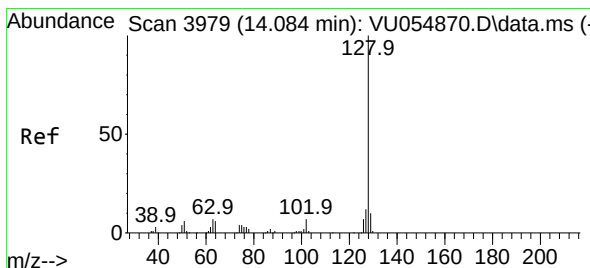
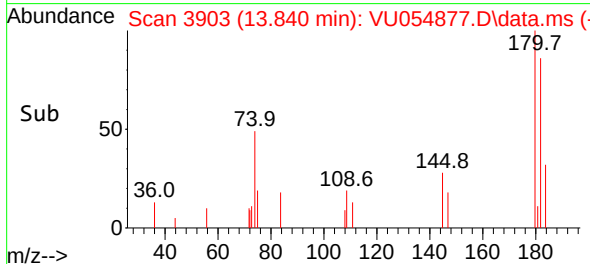
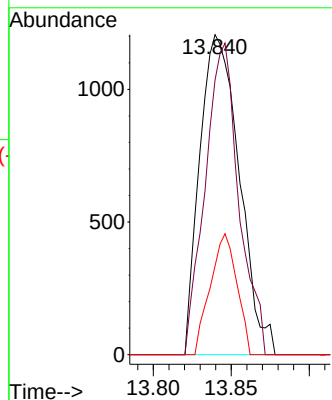
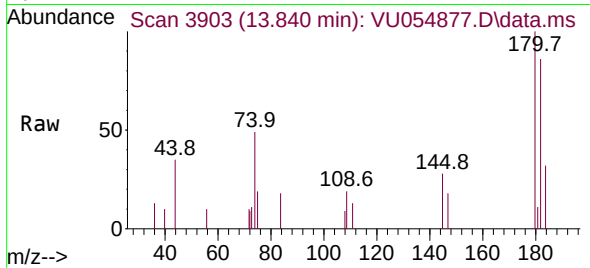




#87
 1,2,4-Trichlorobenzene
 Concen: 0.221 ug/l
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.003 min
 Lab File: VU054877.D
 Acq: 26 Jul 2023 15:37

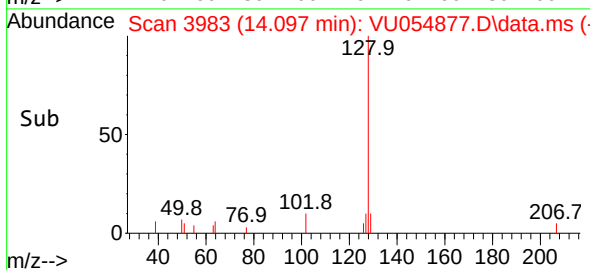
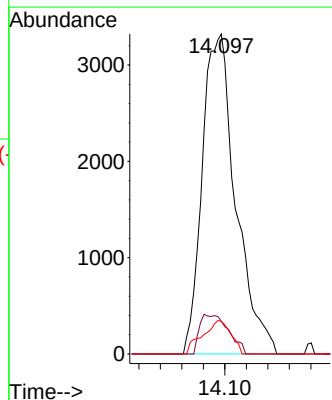
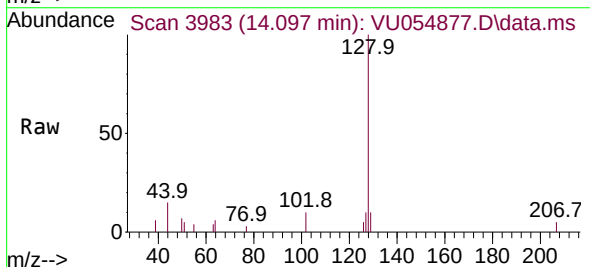
Instrument :
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 ClientSampleId :
 VU0726WBL01

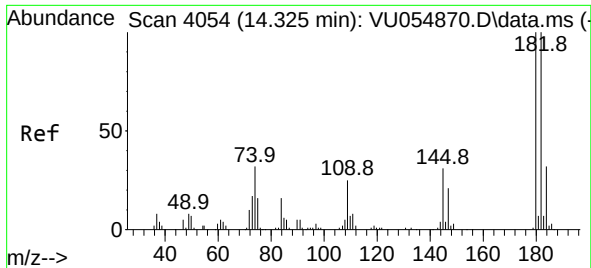
Tgt Ion:180 Resp: 2124
 Ion Ratio Lower Upper
 180 100
 182 83.0 77.0 115.6
 145 25.4 23.4 35.0



#89
 Naphthalene
 Concen: 0.481 ug/l
 RT: 14.097 min Scan# 3983
 Delta R.T. 0.013 min
 Lab File: VU054877.D
 Acq: 26 Jul 2023 15:37

Tgt Ion:128 Resp: 7176
 Ion Ratio Lower Upper
 128 100
 127 10.5 10.6 15.8#
 129 8.8 8.7 13.1





#90

1,2,3-Trichlorobenzene

Concen: 0.213 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.007 min

Lab File: VU054877.D

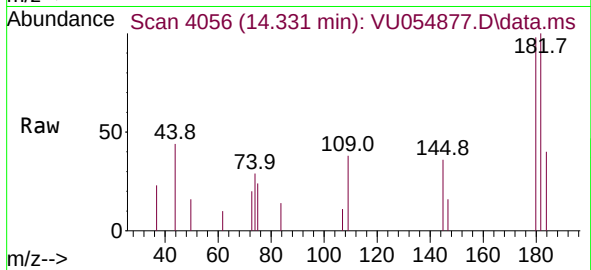
Acq: 26 Jul 2023 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBL01



Tgt Ion:180 Resp: 1822

Ion Ratio Lower Upper

180 100

182 105.4 76.0 114.0

145 28.4 24.3 36.5

