

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
 Data File : VU054891.D
 Acq On : 27 Jul 2023 11:14
 Operator : MD/SY
 Sample : VV0727WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0727WBL01

Quant Time: Jul 28 05:43:05 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)

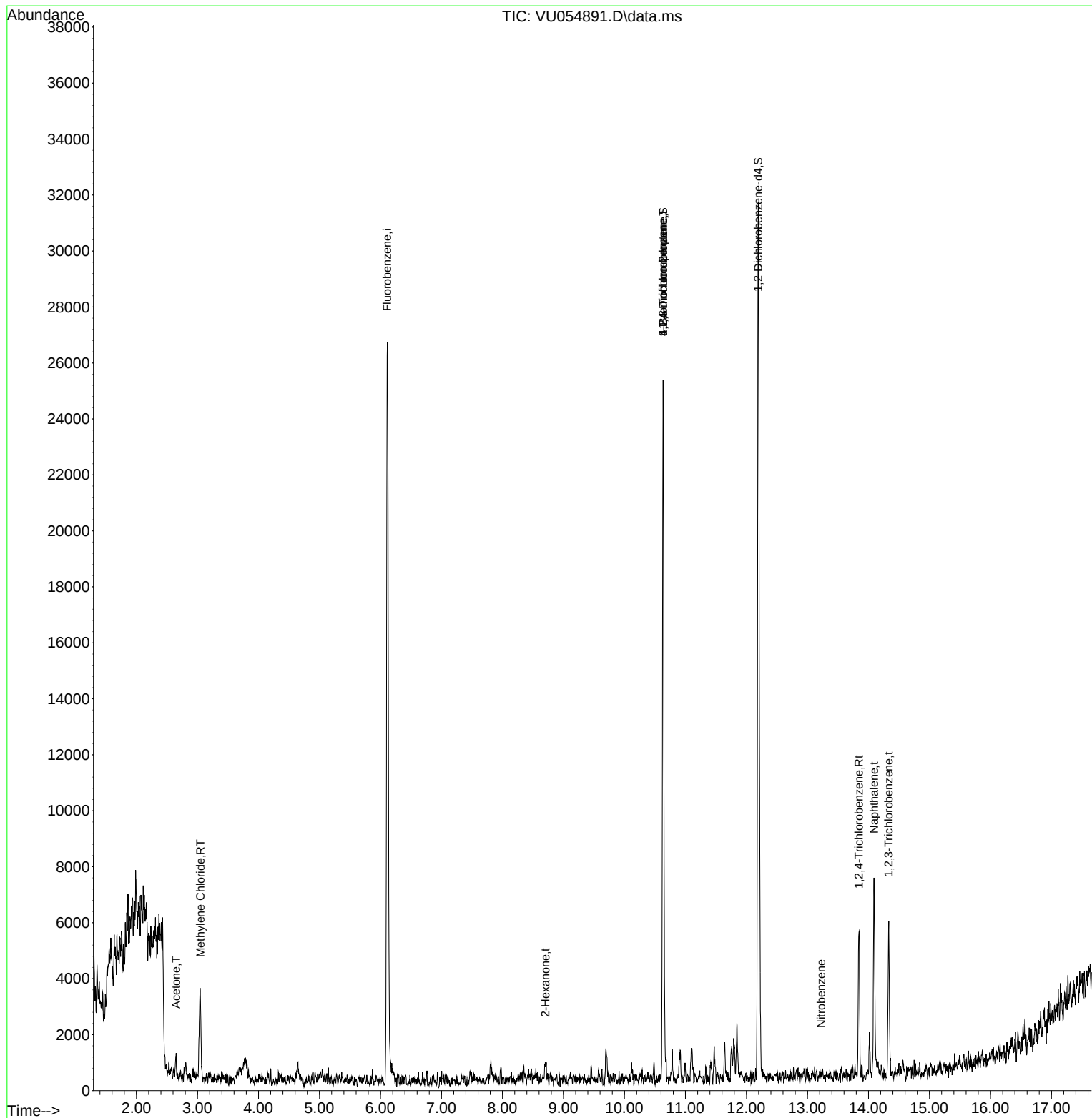
Internal Standards						
1) Fluorobenzene	6.110	96	24523	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	7466	1.004	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8202	0.976	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
13) Acetone	2.650	43	339	0.305	ug/l	# 37
15) Methylene Chloride	3.049	84	1727	0.269	ug/l	96
46) t-1,4-Dichloro-2-butene	10.634	75	4455	3.236	ug/l	# 21
54) 2-Hexanone	8.701	43	734	0.302	ug/l	# 56
71) 1,2,3-Trichloropropane	10.634	75	4455	1.087	ug/l	# 42
80) Nitrobenzene	13.222	77	43	0.284	ug/l	# 39
87) 1,2,4-Trichlorobenzene	13.843	180	2203	0.257	ug/l	# 87
89) Naphthalene	14.090	128	7042	0.531	ug/l	# 94
90) 1,2,3-Trichlorobenzene	14.331	180	2099	0.276	ug/l	90

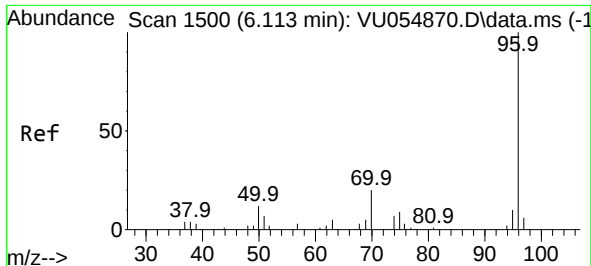
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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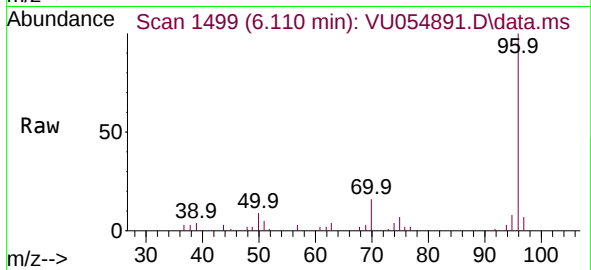
Quant Time: Jul 28 05:43:05 2023
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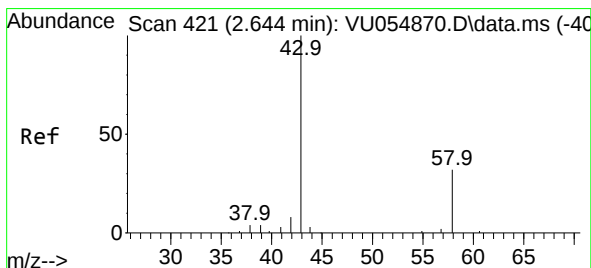
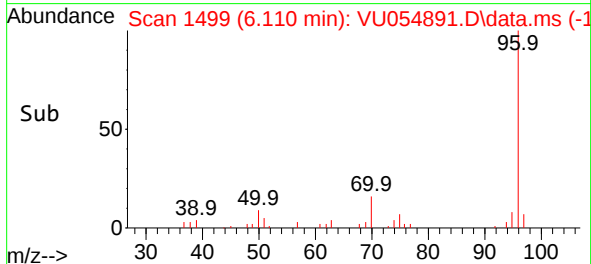
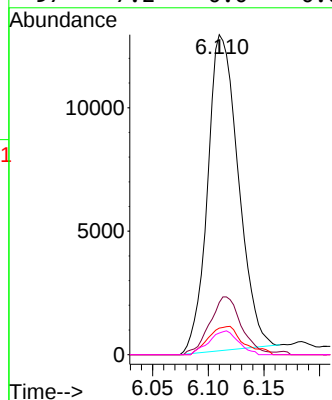


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.003 min
Lab File: VU054891.D
Acq: 27 Jul 2023 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBL01

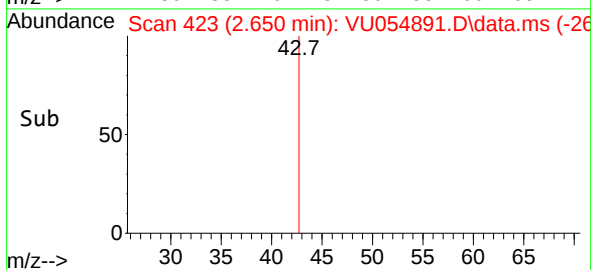
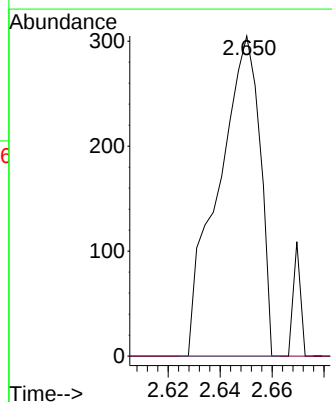
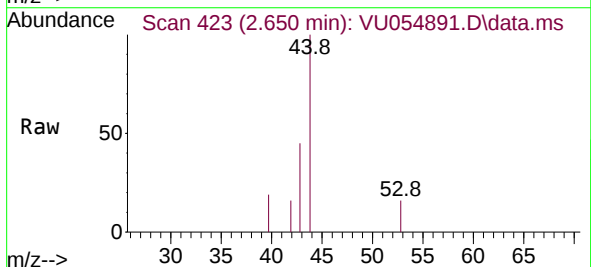


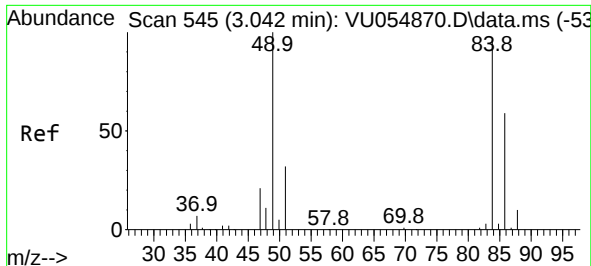
Tgt Ion:	96	Resp:	24523
Ion	Ratio	Lower	Upper
96	100		
70	17.8	14.0	21.0
95	10.0	8.7	13.1
97	7.2	0.0	0.0



#13
Acetone
Concen: 0.305 ug/l
RT: 2.650 min Scan# 423
Delta R.T. 0.007 min
Lab File: VU054891.D
Acq: 27 Jul 2023 11:14

Tgt Ion:	43	Resp:	339
Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.7	46.1

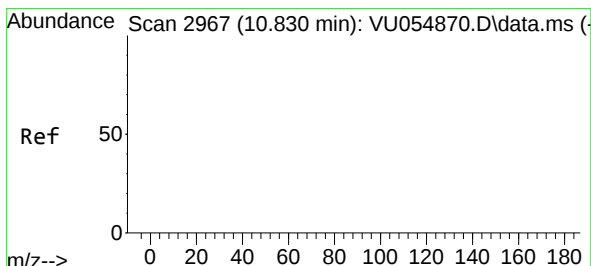
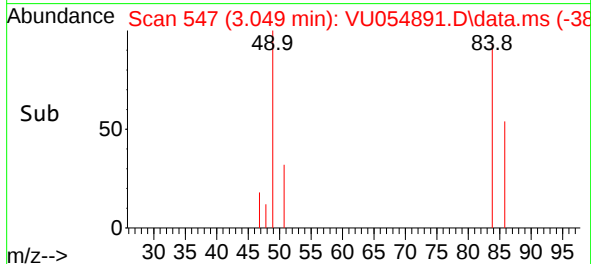
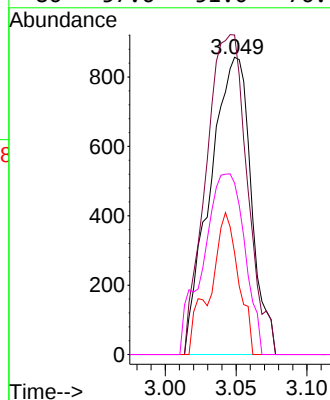
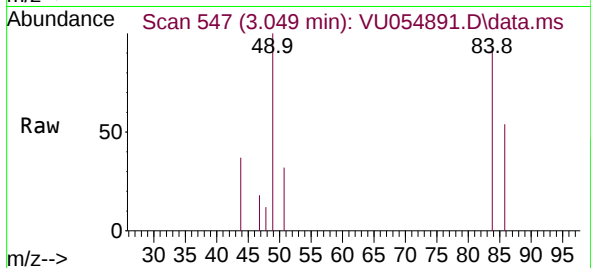




#15
Methylene Chloride
Concen: 0.269 ug/l
RT: 3.049 min Scan# 545
Delta R.T. 0.007 min
Lab File: VU054891.D
Acq: 27 Jul 2023 11:14

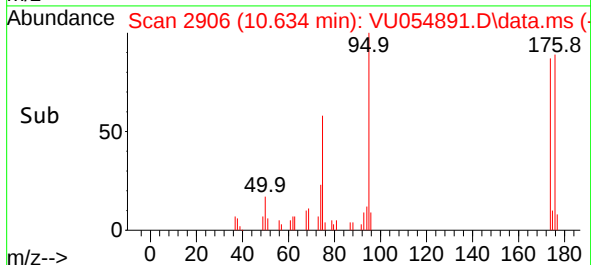
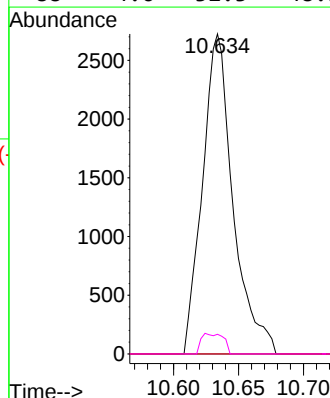
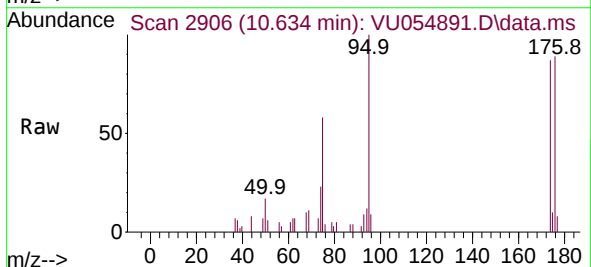
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBL01

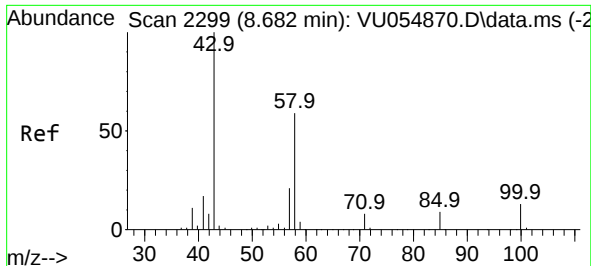
Tgt Ion: 84	Resp: 1727
Ion Ratio	Lower Upper
84 100	
49 107.5	87.8 131.6
51 34.2	0.0 68.2
86 57.6	51.0 76.4



#46
t-1,4-Dichloro-2-butene
Concen: 3.236 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. -0.196 min
Lab File: VU054891.D
Acq: 27 Jul 2023 11:14

Tgt	Ion: 75	Resp:	4455
Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.9	94.3#
89	0.6	47.8	71.8#
88	4.6	32.3	48.5#

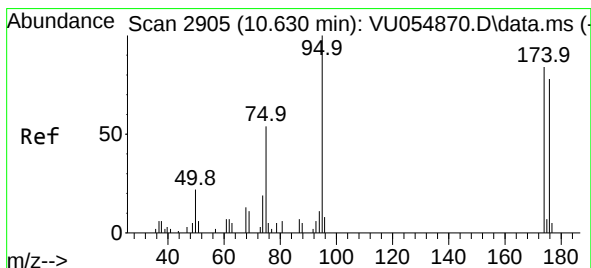
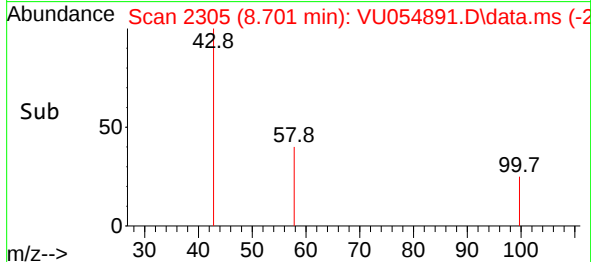
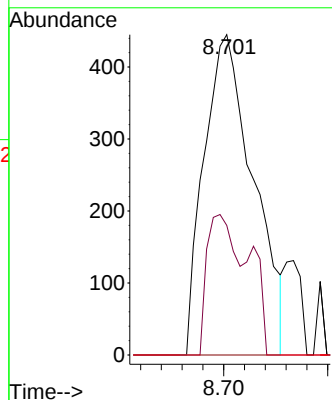
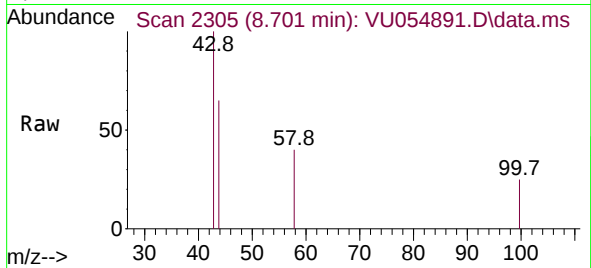




#54
2-Hexanone
Concen: 0.302 ug/l
RT: 8.701 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU054891.D
Acq: 27 Jul 2023 11:14

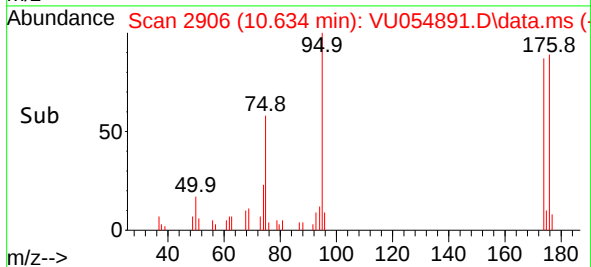
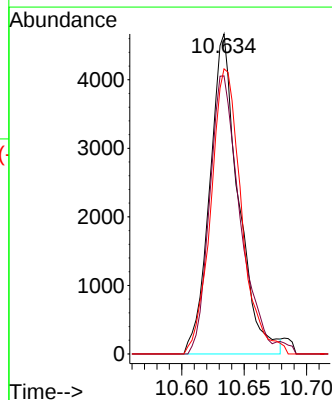
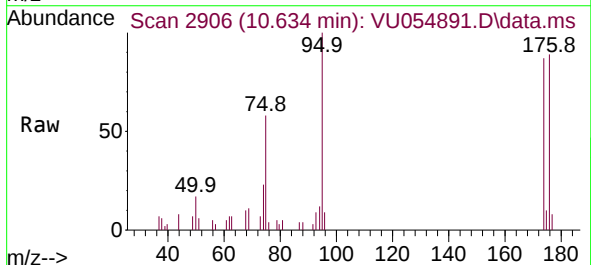
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBL01

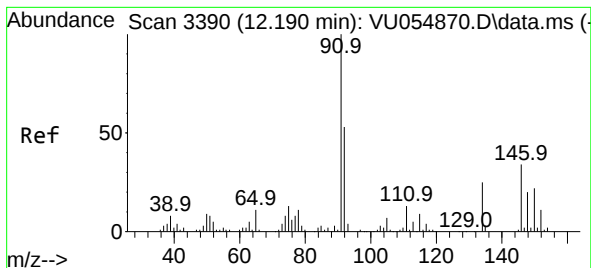
Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 25.7 38.9 78.9#
57 0.0 0.0 38.7



#57
4-Bromofluorobenzene
Concen: 1.004 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.003 min
Lab File: VU054891.D
Acq: 27 Jul 2023 11:14

Tgt Ion: 95 Resp: 7466
Ion Ratio Lower Upper
95 100
174 93.7 79.3 118.9
176 95.4 71.5 107.3





#68

1,2-Dichlorobenzene-d4

Concen: 0.976 ug/l

RT: 12.193 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054891.D

Acq: 27 Jul 2023 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0727WBL01

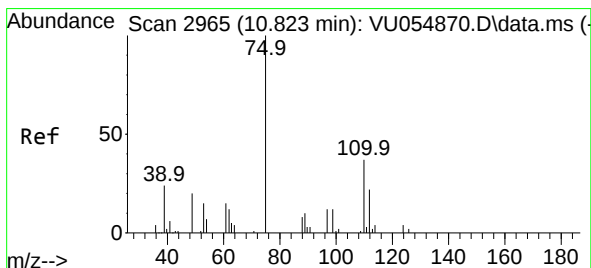
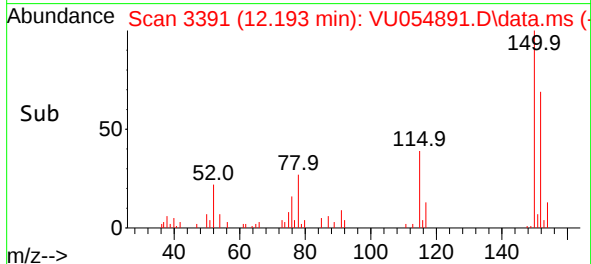
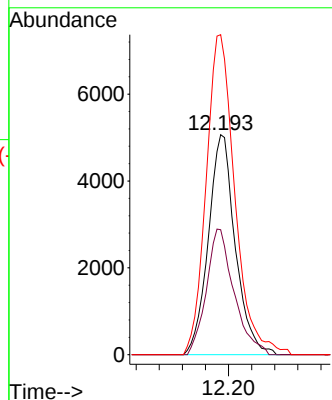
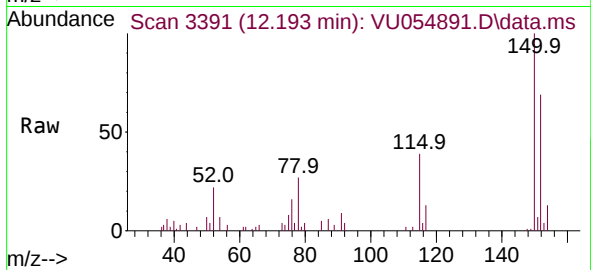
Tgt Ion:152 Resp: 8202

Ion Ratio Lower Upper

152 100

115 58.3 0.0 234.8

150 155.0 0.0 598.2



#71

1,2,3-Trichloropropane

Concen: 1.087 ug/l

RT: 10.634 min Scan# 2906

Delta R.T. -0.190 min

Lab File: VU054891.D

Acq: 27 Jul 2023 11:14

Tgt Ion: 75 Resp: 4455

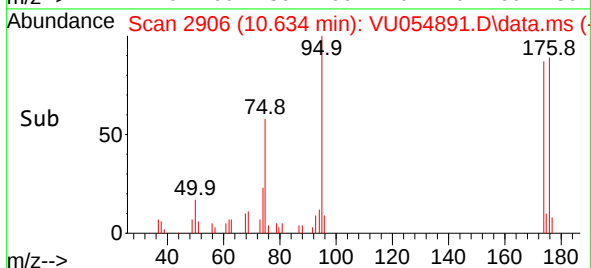
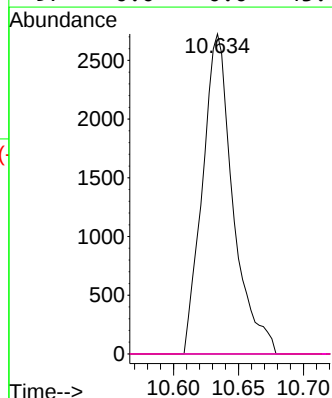
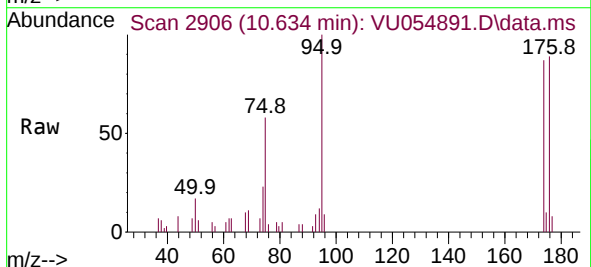
Ion Ratio Lower Upper

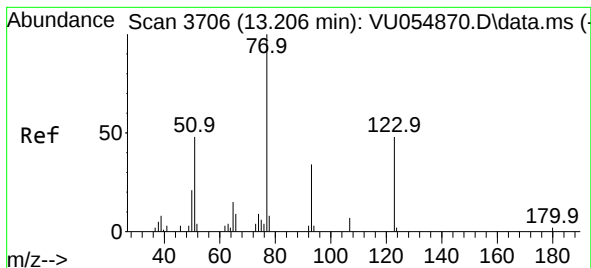
75 100

77 8.2 0.0 0.0#

110 0.0 0.0 80.8

97 0.0 0.0 43.4





#80

Nitrobenzene

Concen: 0.284 ug/l

RT: 13.222 min Scan# 31

Delta R.T. 0.016 min

Lab File: VU054891.D

Acq: 27 Jul 2023 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0727WBL01

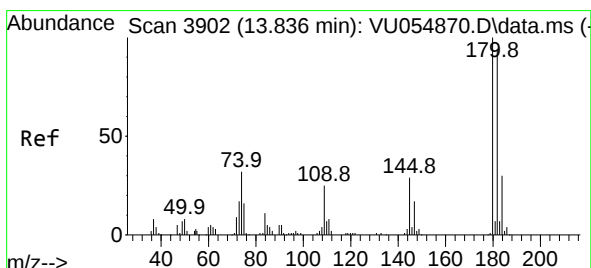
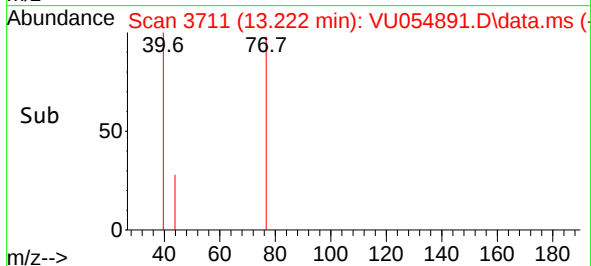
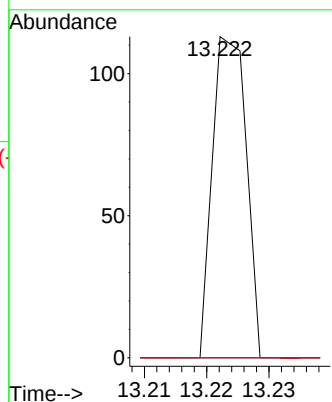
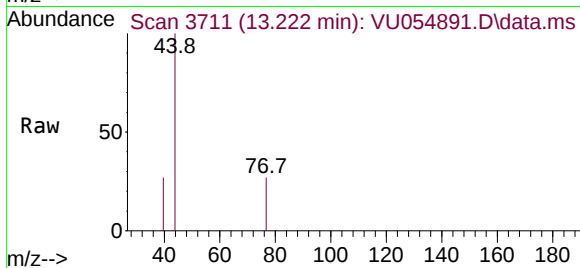
Tgt Ion: 77 Resp: 43

Ion Ratio Lower Upper

77 100

123 0.0 20.2 71.8#

65 0.0 11.7 14.9#



#87

1,2,4-Trichlorobenzene

Concen: 0.257 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

Lab File: VU054891.D

Acq: 27 Jul 2023 11:14

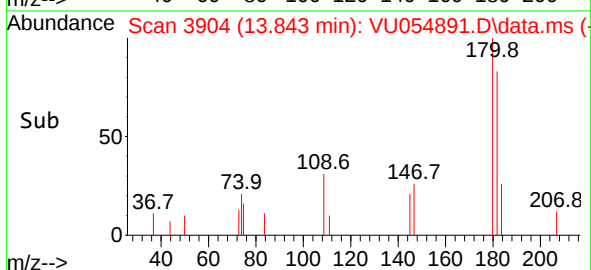
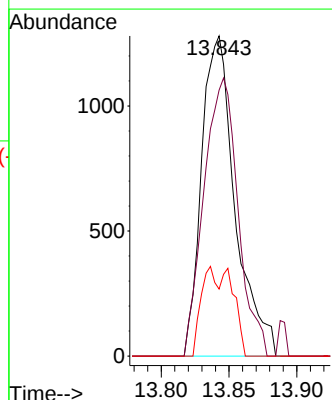
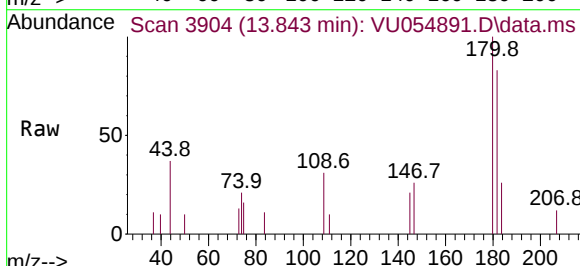
Tgt Ion:180 Resp: 2203

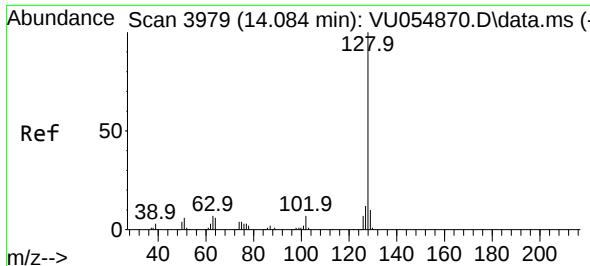
Ion Ratio Lower Upper

180 100

182 88.3 77.0 115.6

145 14.4 23.4 35.0#

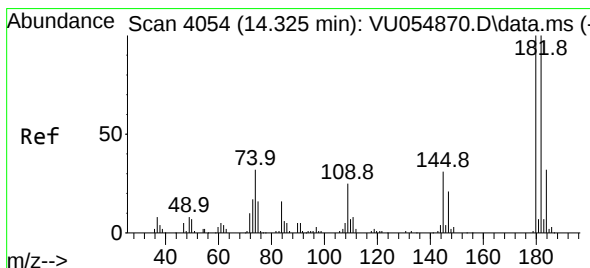
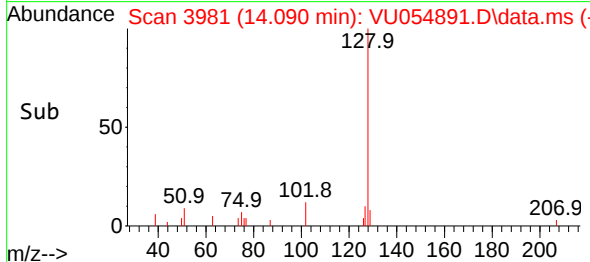
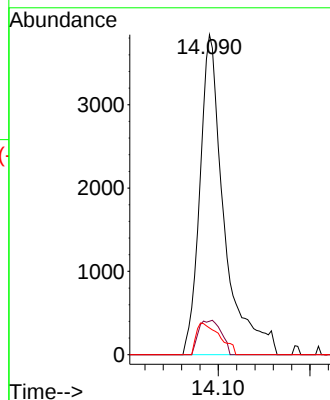
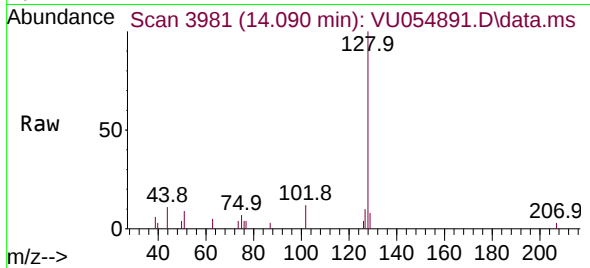




#89
Naphthalene
Concen: 0.531 ug/l
RT: 14.090 min Scan# 3979
Delta R.T. 0.007 min
Lab File: VU054891.D
Acq: 27 Jul 2023 11:14

Instrument :
MSVOA_U
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Tgt Ion:128 Resp: 7042
Ion Ratio Lower Upper
128 100
127 10.1 10.6 15.8#
129 9.5 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.276 ug/l
RT: 14.331 min Scan# 4056
Delta R.T. 0.007 min
Lab File: VU054891.D
Acq: 27 Jul 2023 11:14

Tgt Ion:180 Resp: 2099
Ion Ratio Lower Upper
180 100
182 82.3 76.0 114.0
145 30.7 24.3 36.5

