

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061147.D
 Acq On : 17 Oct 2024 17:05
 Operator : MD/SY
 Sample : VU1017WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 04:09:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:52:28 2024
 Response via : Initial Calibration

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

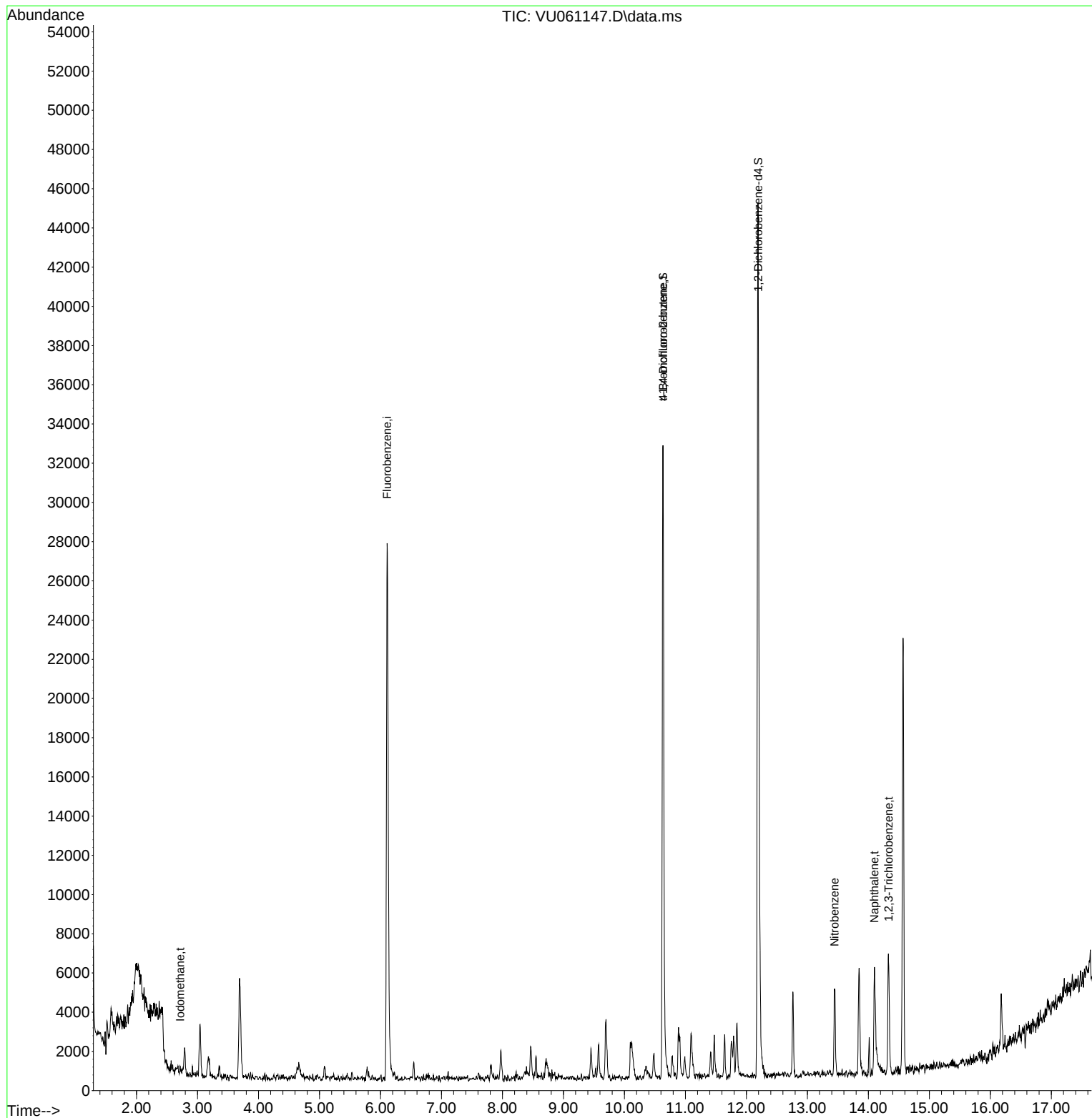
Internal Standards						
1) Fluorobenzene	6.110	96	27850	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	12896	0.871	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	13109	0.899	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
10) Iodomethane	2.714	142	269	0.795	ug/l #	31
46) t-1,4-Dichloro-2-butene	10.634	75	7082	2.548	ug/l #	20
80) Nitrobenzene	13.447	77	362	5.547	ug/l #	39
89) Naphthalene	14.100	128	8080	0.323	ug/l #	89
90) 1,2,3-Trichlorobenzene	14.335	180	2606	0.205	ug/l #	94

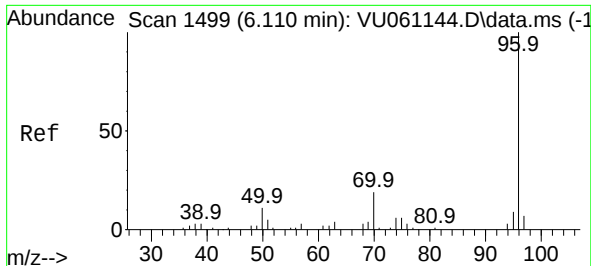
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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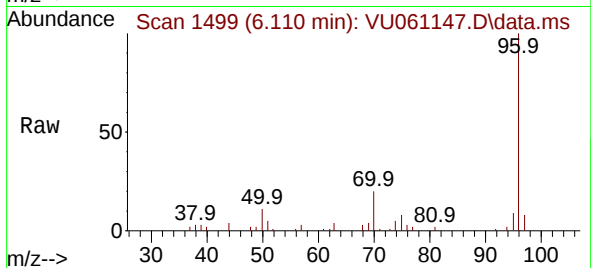
Quant Time: Oct 18 04:09:08 2024
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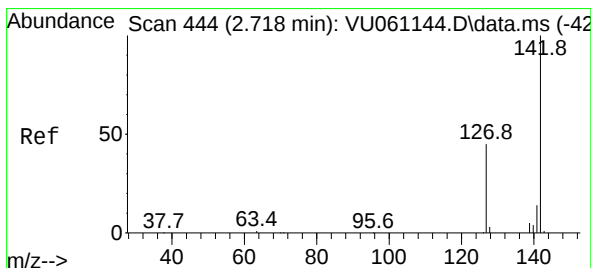
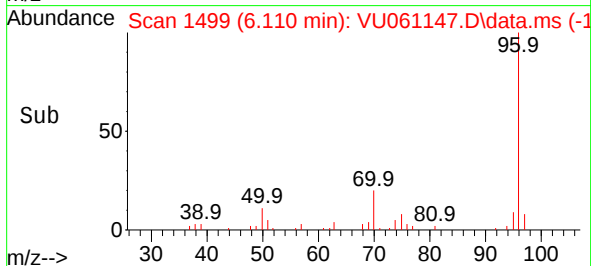
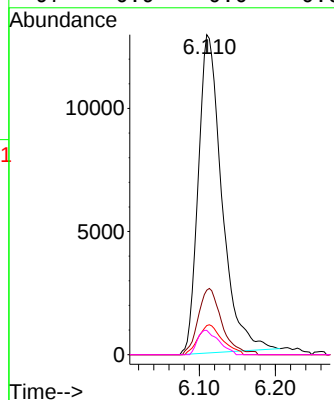


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061147.D
Acq: 17 Oct 2024 17:05

Instrument :
MSVOA_U
ClientSampleId :

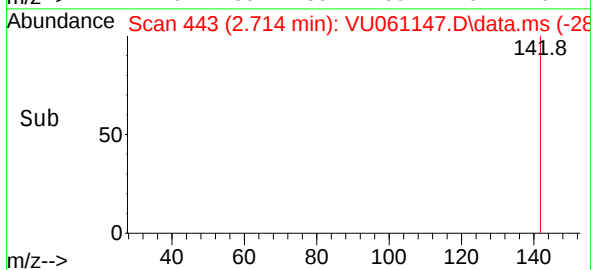
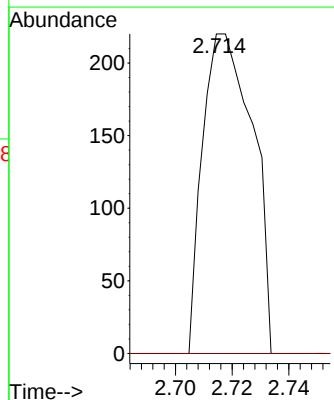
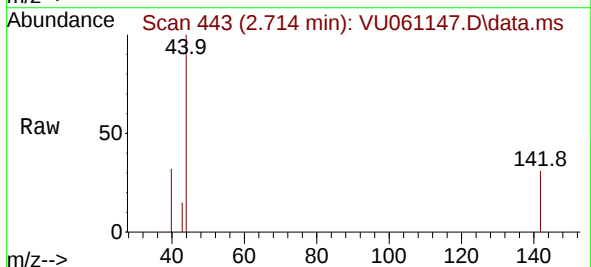


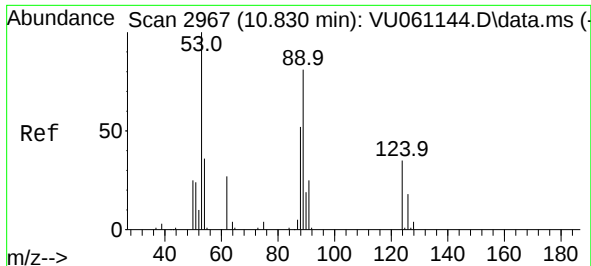
Tgt Ion: 96	Resp: 27850
Ion Ratio	Lower Upper
96	100
70	19.4 16.1 24.1
95	9.5 0.0 0.0#
97	6.9 0.0 0.0#



#10
Iodomethane
Concen: 0.795 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061147.D
Acq: 17 Oct 2024 17:05

Tgt Ion: 142	Resp: 269
Ion Ratio	Lower Upper
142	100
127	0.0 36.2 54.4#





#46

t-1,4-Dichloro-2-butene

Concen: 2.548 ug/l

RT: 10.634 min Scan# 2906

Delta R.T. -0.196 min

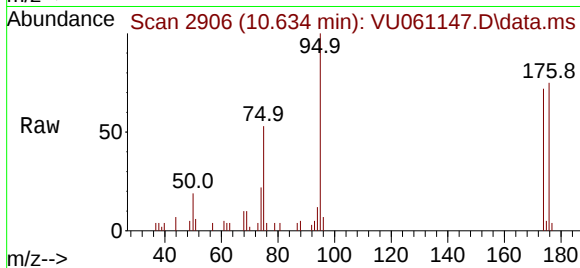
Lab File: VU061147.D

Acq: 17 Oct 2024 17:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 7082

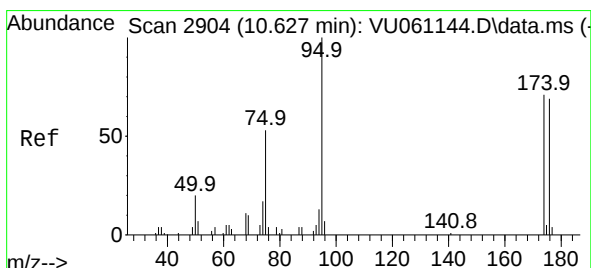
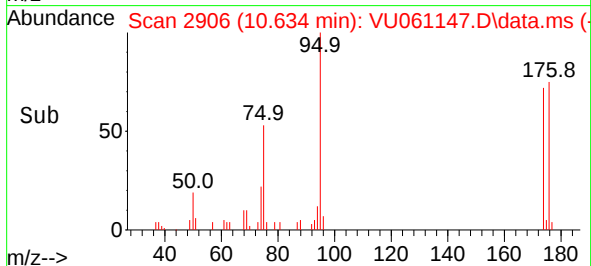
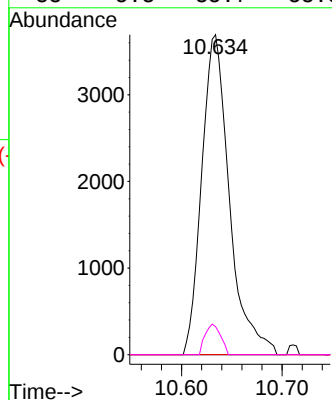
Ion Ratio Lower Upper

75 100

53 0.0 66.0 99.0#

89 0.0 48.0 72.0#

88 5.3 35.7 53.5#



#57

4-Bromofluorobenzene

Concen: 0.871 ug/l

RT: 10.634 min Scan# 2906

Delta R.T. 0.006 min

Lab File: VU061147.D

Acq: 17 Oct 2024 17:05

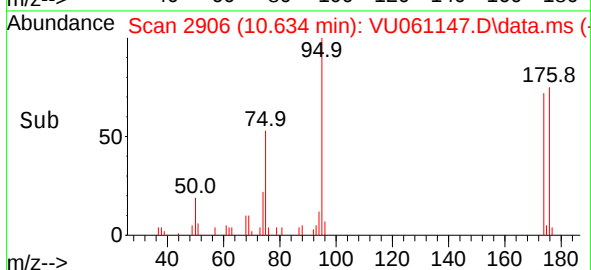
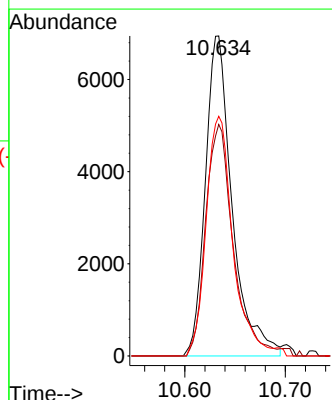
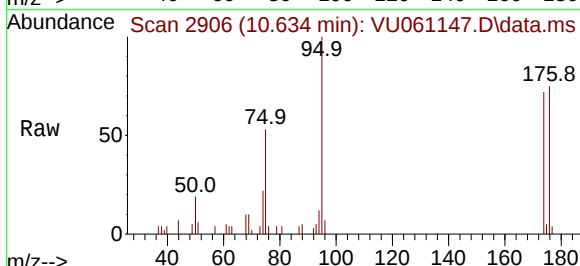
Tgt Ion: 95 Resp: 12896

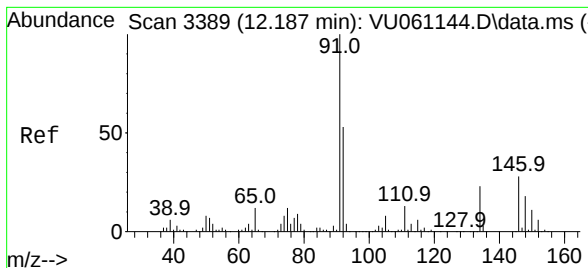
Ion Ratio Lower Upper

95 100

174 74.2 55.4 83.0

176 74.5 54.4 81.6





#68

1,2-Dichlorobenzene-d4

Concen: 0.899 ug/l

RT: 12.193 min Scan# 3391

Delta R.T. 0.006 min

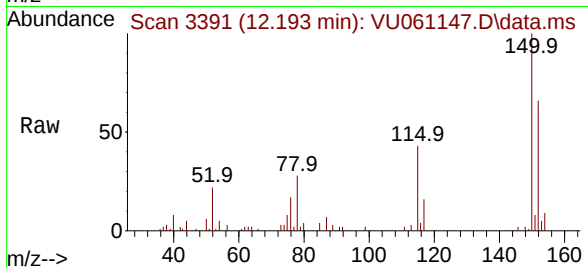
Lab File: VU061147.D

Acq: 17 Oct 2024 17:05

Instrument :

MSVOA_U

ClientSampleId :



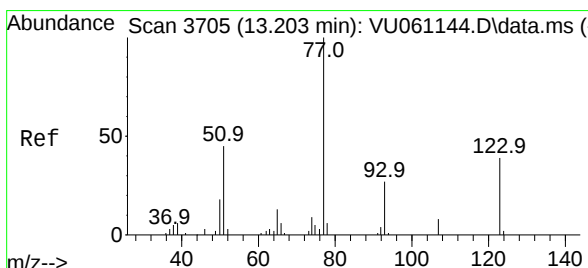
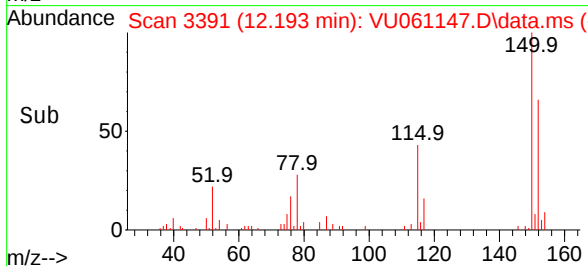
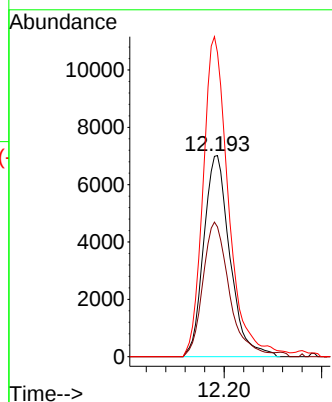
Tgt Ion:152 Resp: 13109

Ion Ratio Lower Upper

152 100

115 67.4 0.0 275.0

150 154.5 0.0 668.8



#80

Nitrobenzene

Concen: 5.547 ug/l

RT: 13.447 min Scan# 3781

Delta R.T. 0.244 min

Lab File: VU061147.D

Acq: 17 Oct 2024 17:05

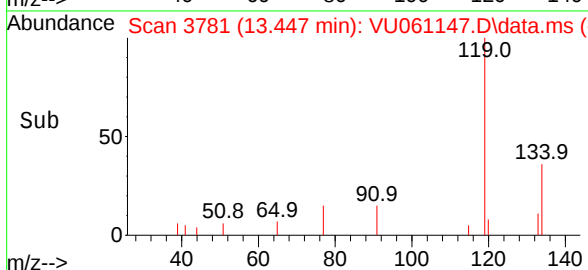
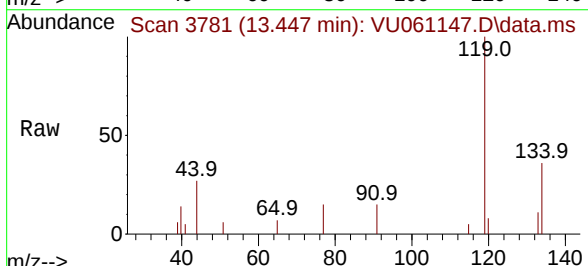
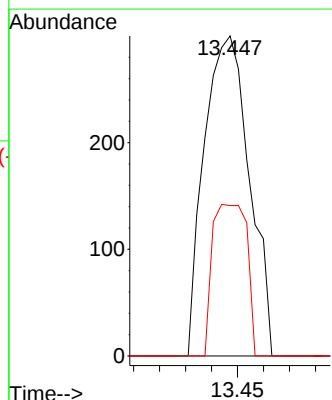
Tgt Ion: 77 Resp: 362

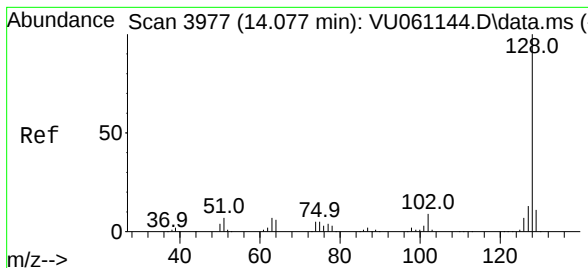
Ion Ratio Lower Upper

77 100

123 0.0 15.6 55.2#

65 35.9 10.7 13.7#





#89

Naphthalene

Concen: 0.323 ug/l

RT: 14.100 min Scan# 3984

Delta R.T. 0.022 min

Lab File: VU061147.D

Acq: 17 Oct 2024 17:05

Instrument :

MSVOA_U

ClientSampleId :

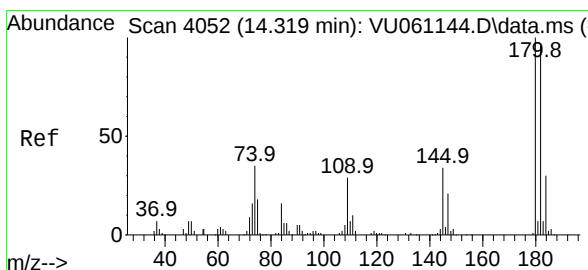
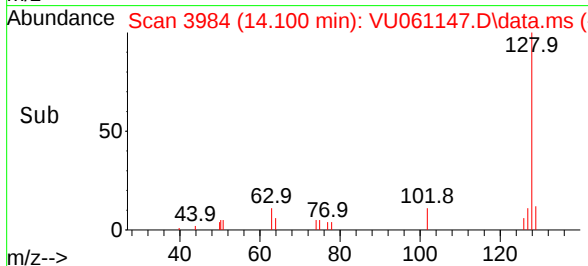
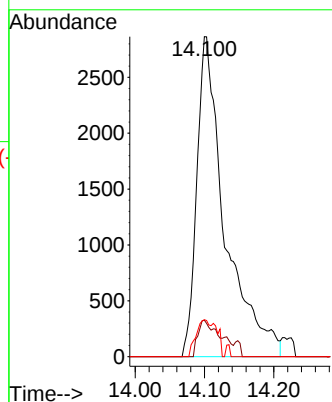
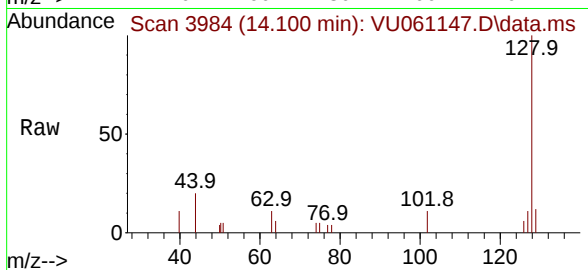
Tgt Ion:128 Resp: 8080

Ion Ratio Lower Upper

128 100

127 7.3 10.6 16.0#

129 8.4 8.7 13.1#



#90

1,2,3-Trichlorobenzene

Concen: 0.205 ug/l

RT: 14.335 min Scan# 4057

Delta R.T. 0.016 min

Lab File: VU061147.D

Acq: 17 Oct 2024 17:05

Tgt Ion:180 Resp: 2606

Ion Ratio Lower Upper

180 100

182 93.3 76.2 114.4

145 23.7 26.8 40.2#

