

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021325\
 Data File : VU063263.D
 Acq On : 13 Feb 2025 13:05
 Operator : MD/SY
 Sample : VU0213WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 14 04:44:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

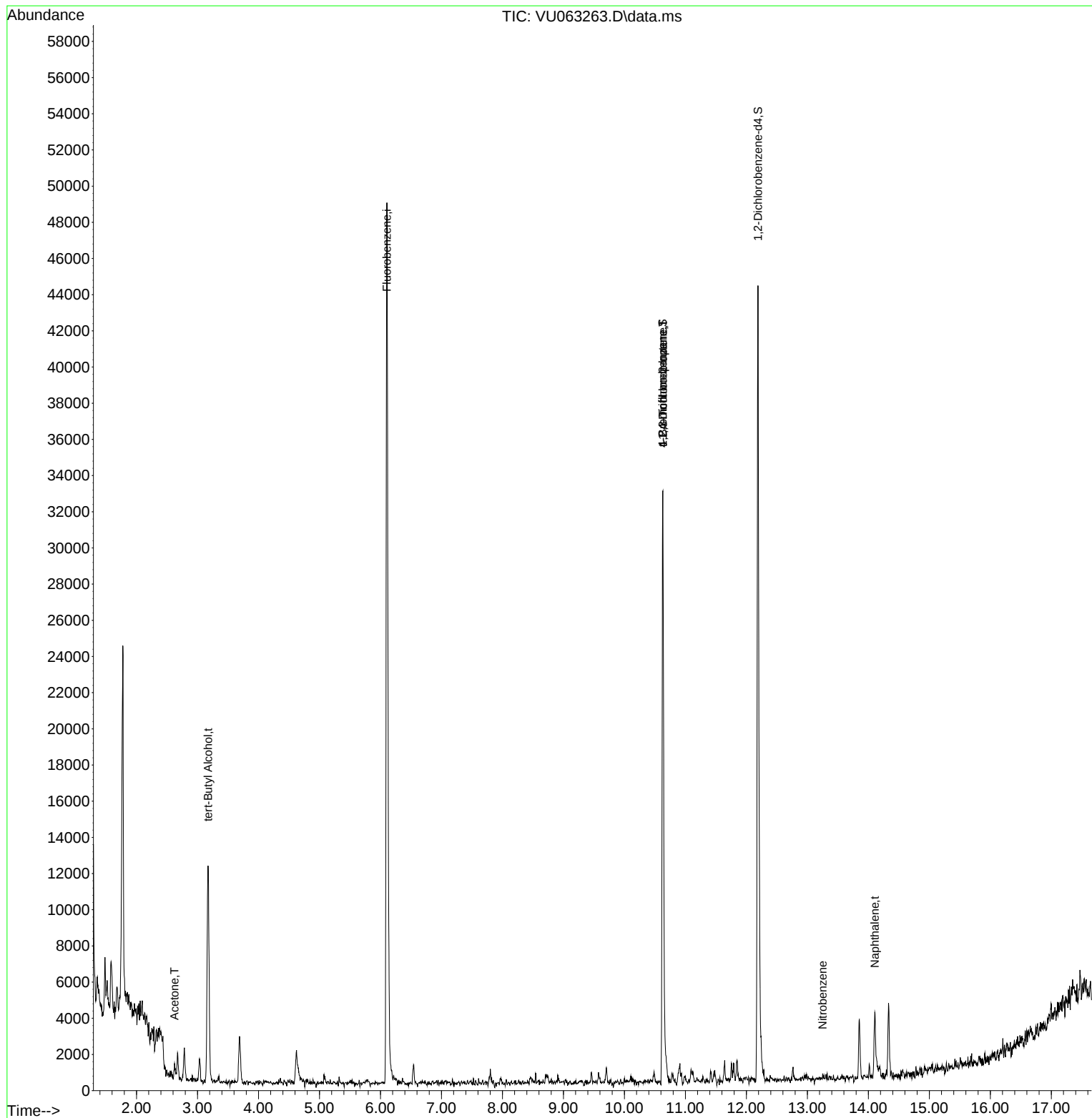
Internal Standards						
1) Fluorobenzene	6.107	96	46092	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13151	0.865	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12766	0.807	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
Target Compounds						Qvalue
13) Acetone	2.621	43	784	0.378	ug/l #	80
24) tert-Butyl Alcohol	3.174	59	7419	0.772	ug/l #	74
46) t-1,4-Dichloro-2-butene	10.630	75	6706	1.813	ug/l #	23
71) 1,2,3-Trichloropropane	10.630	75	6706	0.654	ug/l #	43
80) Nitrobenzene	13.251	77	88	4.041	ug/l #	41
89) Naphthalene	14.106	128	5468	0.853	ug/l #	81

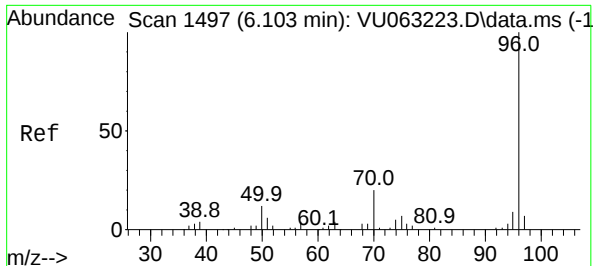
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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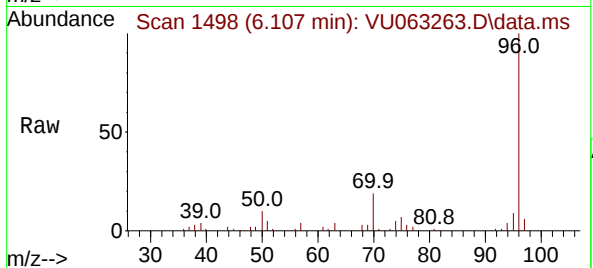
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
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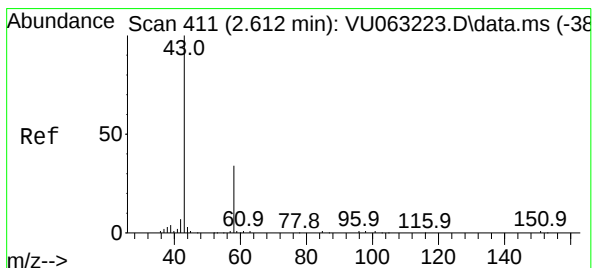
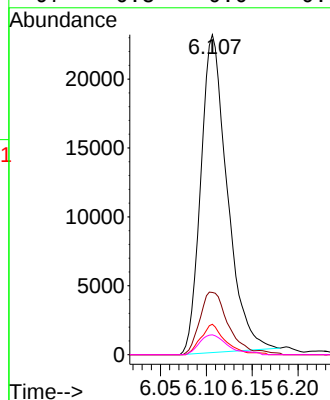
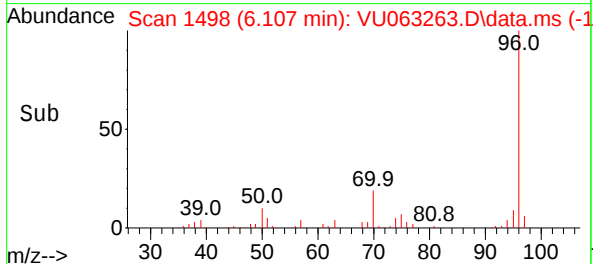


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063263.D
Acq: 13 Feb 2025 13:05

Instrument :
MSVOA_U
ClientSampleId :

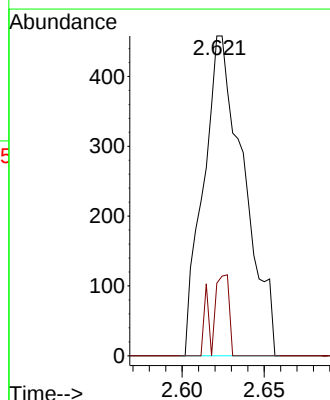
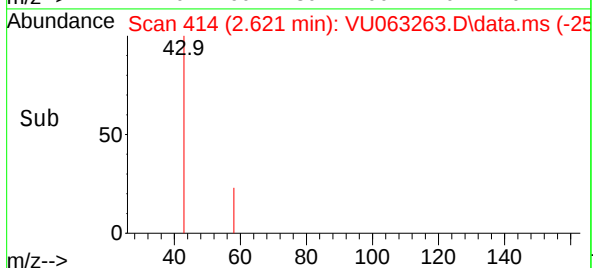
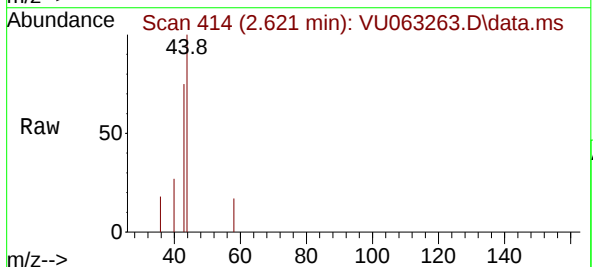


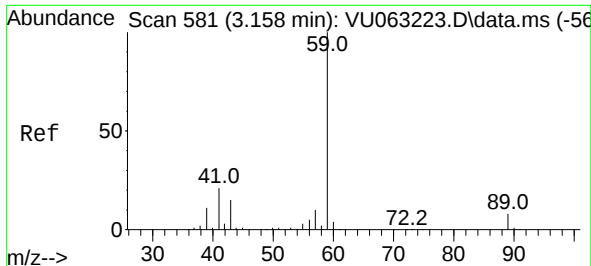
Tgt Ion: 96 Resp: 46092
Ion Ratio Lower Upper
96 100
70 19.5 15.6 23.4
95 8.0 7.3 10.9
97 6.8 0.0 0.0#



#13
Acetone
Concen: 0.378 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.010 min
Lab File: VU063263.D
Acq: 13 Feb 2025 13:05

Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 22.7 27.4 41.0#

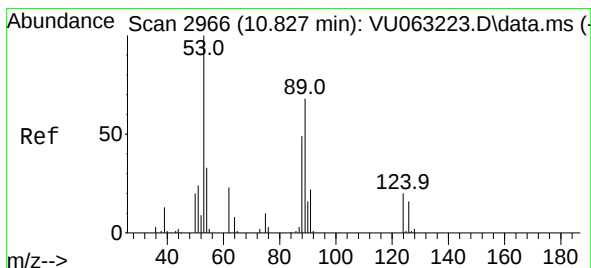
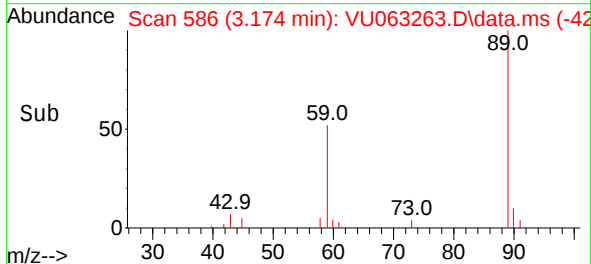
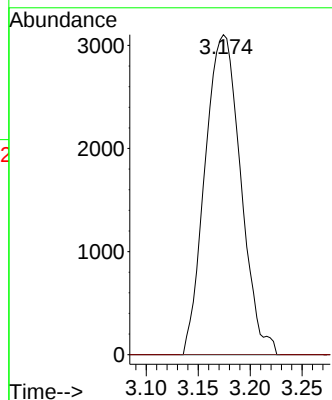
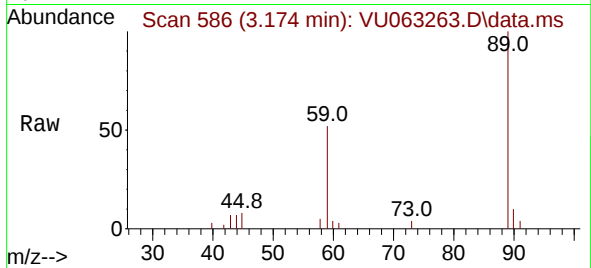




#24
tert-Butyl Alcohol
Concen: 0.772 ug/l
RT: 3.174 min Scan# 586
Delta R.T. 0.016 min
Lab File: VU063263.D
Acq: 13 Feb 2025 13:05

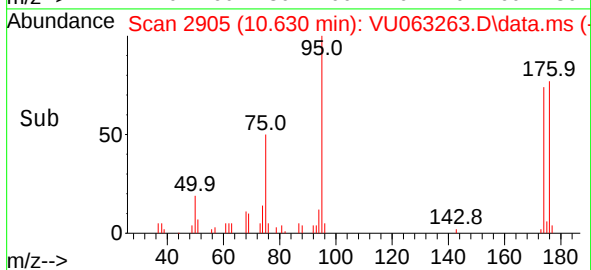
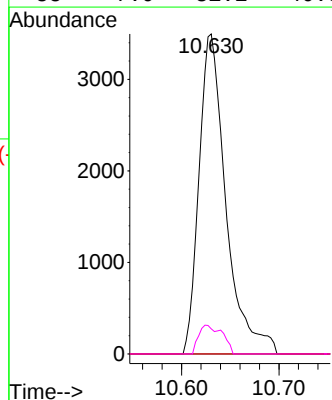
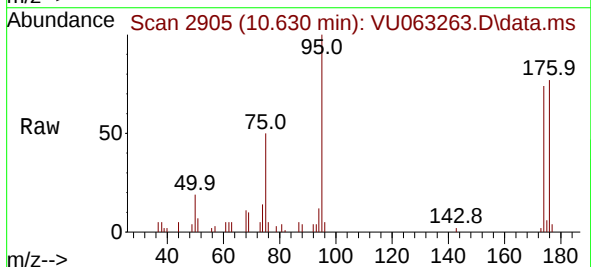
Instrument :
MSVOA_U
ClientSampleId :

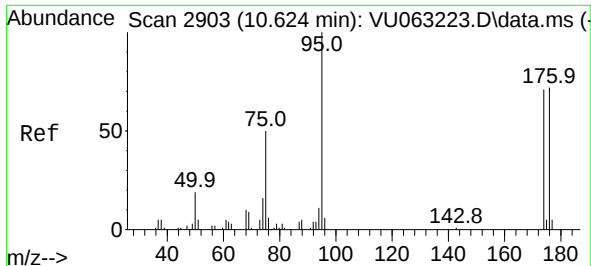
Tgt Ion: 59 Resp: 7419
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#46
t-1,4-Dichloro-2-butene
Concen: 1.813 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.196 min
Lab File: VU063263.D
Acq: 13 Feb 2025 13:05

Tgt Ion: 75 Resp: 6706
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 43.4 65.2#
88 7.9 31.2 46.8#





#57

4-Bromofluorobenzene

Concen: 0.865 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063263.D

Acq: 13 Feb 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :

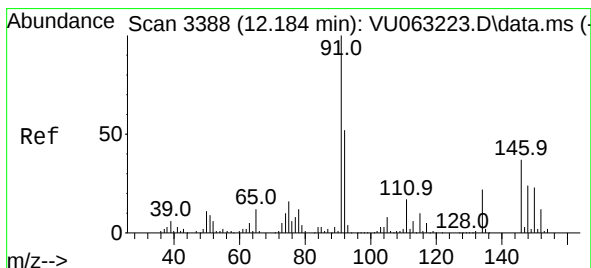
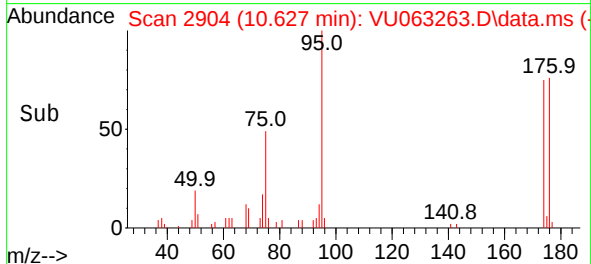
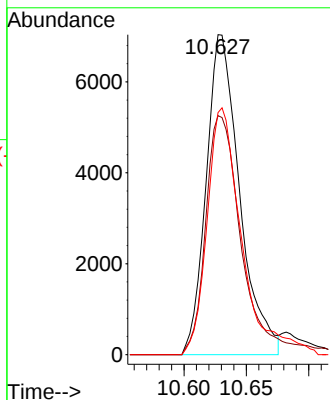
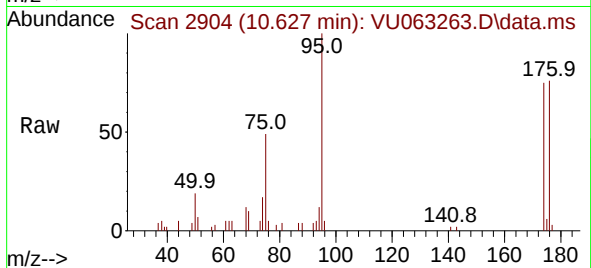
Tgt Ion: 95 Resp: 13151

Ion Ratio Lower Upper

95 100

174 80.3 58.6 88.0

176 79.7 58.2 87.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.807 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063263.D

Acq: 13 Feb 2025 13:05

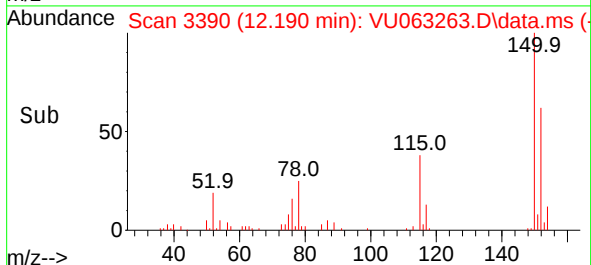
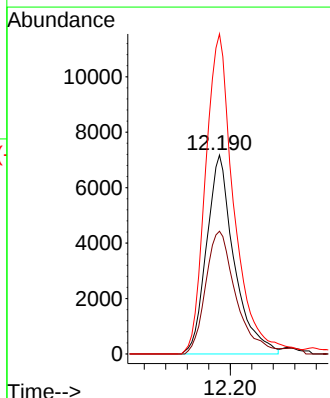
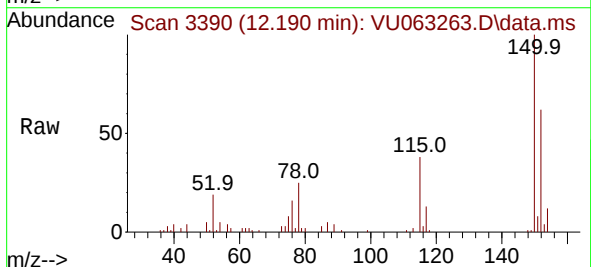
Tgt Ion: 152 Resp: 12766

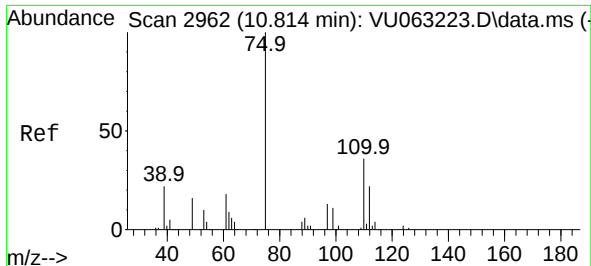
Ion Ratio Lower Upper

152 100

115 67.9 0.0 275.2

150 166.4 0.0 658.4

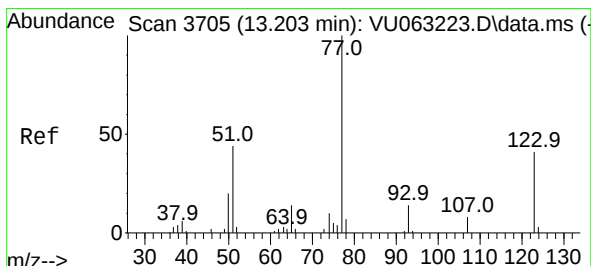
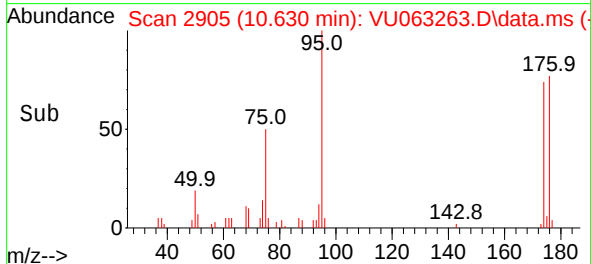
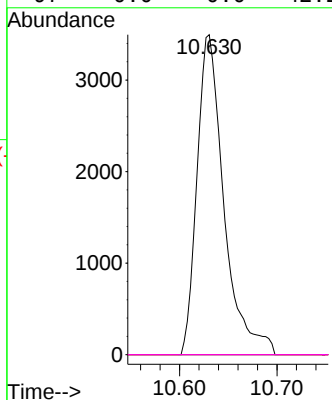
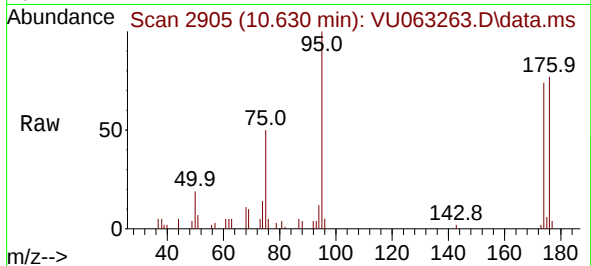




#71
1,2,3-Trichloropropane
Concen: 0.654 ug/l
RT: 10.630 min Scan# 2962
Delta R.T. -0.183 min
Lab File: VU063263.D
Acq: 13 Feb 2025 13:05

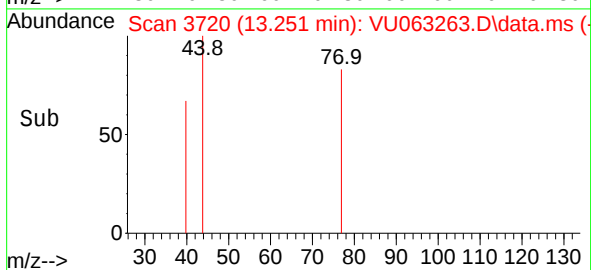
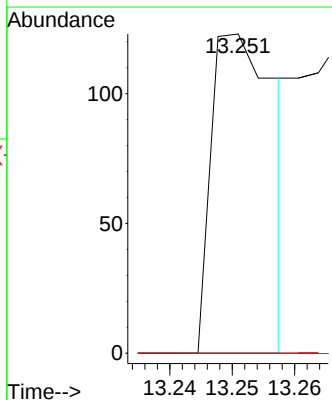
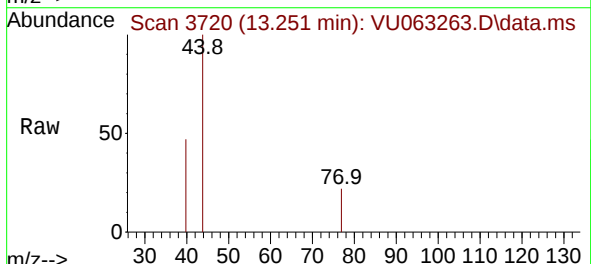
Instrument :
MSVOA_U
ClientSampleId :

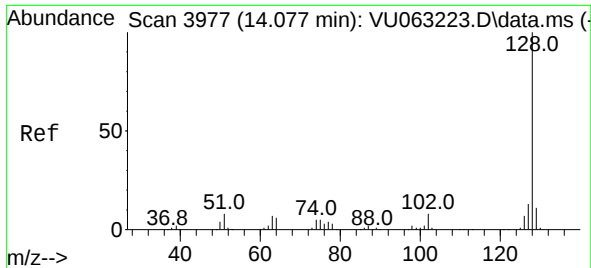
Tgt Ion: 75 Resp: 6706
Ion Ratio Lower Upper
75 100
77 4.4 0.0 0.0#
110 0.0 0.0 77.0
97 0.0 0.0 42.2



#80
Nitrobenzene
Concen: 4.041 ug/l
RT: 13.251 min Scan# 3720
Delta R.T. 0.048 min
Lab File: VU063263.D
Acq: 13 Feb 2025 13:05

Tgt Ion: 77 Resp: 88
Ion Ratio Lower Upper
77 100
123 0.0 18.9 67.1#
65 0.0 11.9 15.1#





#89

Naphthalene

Concen: 0.853 ug/l

RT: 14.106 min Scan# 3986

Delta R.T. 0.029 min

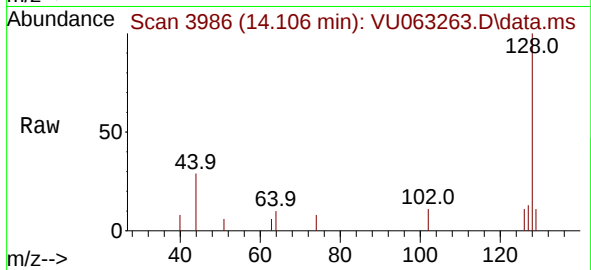
Lab File: VU063263.D

Acq: 13 Feb 2025 13:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 5468

Ion Ratio Lower Upper

128 100

127 4.4 10.6 16.0#

129 5.4 8.6 13.0#

