

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063229.D
 Acq On : 10 Feb 2025 20:04
 Operator : MD/SY
 Sample : Q1172-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 04:29:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 04:17:17 2025
 Response via : Initial Calibration

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

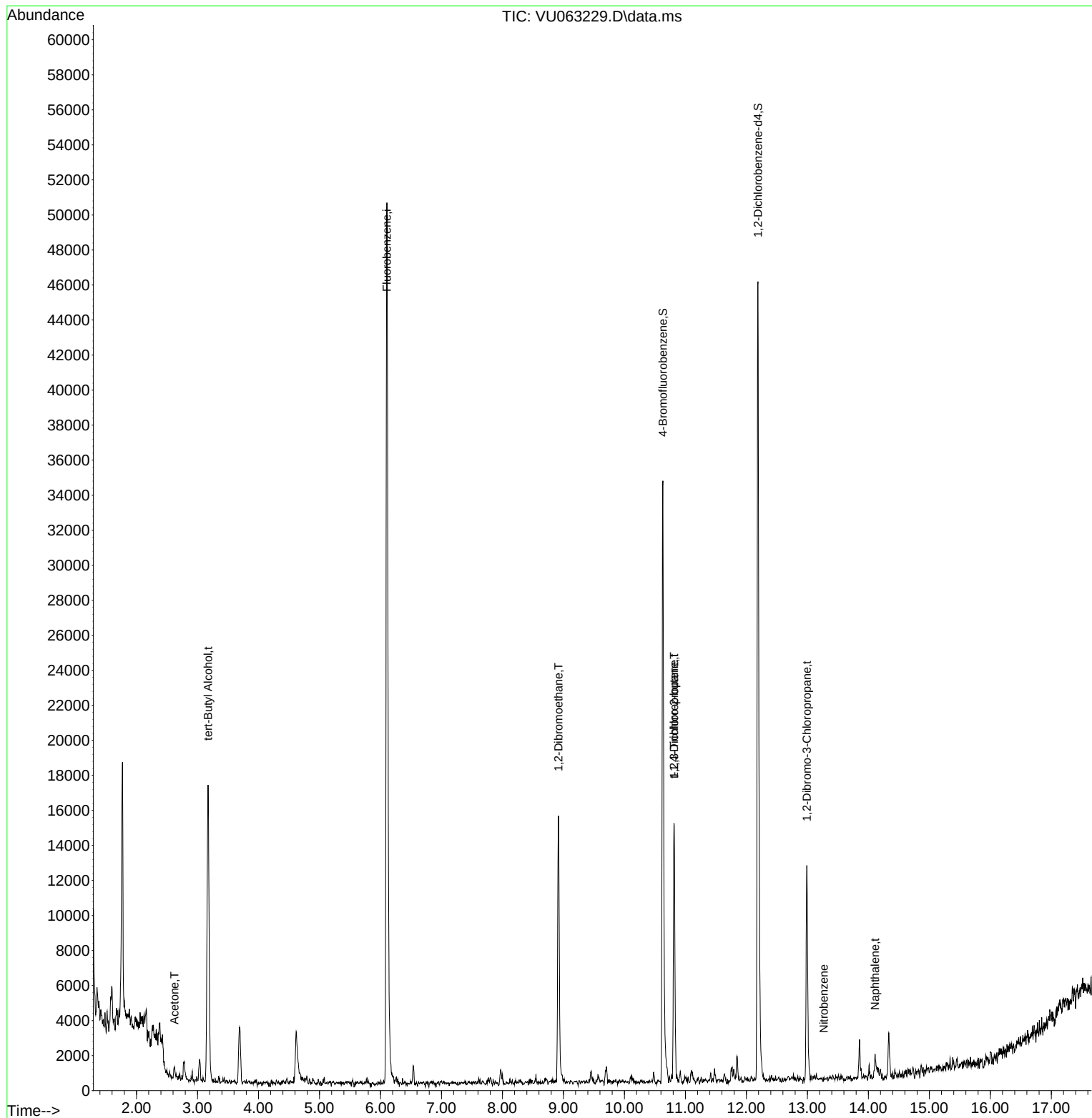
Internal Standards						
1) Fluorobenzene	6.107	96	47864	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13154	0.833	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13905	0.847	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						Qvalue
13) Acetone	2.621	43	476	0.221	ug/l	# 40
24) tert-Butyl Alcohol	3.174	59	10124	3.205	ug/l	# 74
46) t-1,4-Dichloro-2-butene	10.814	75	7240	1.885	ug/l	# 20
56) 1,2-Dibromoethane	8.920	107	11368	1.153	ug/l	95
71) 1,2,3-Trichloropropane	10.814	75	7240	0.680	ug/l	# 92
80) Nitrobenzene	13.270	77	20	3.884	ug/l	# 41
86) 1,2-Dibromo-3-Chloropr...	12.991	75	3965	1.994	ug/l	94
89) Naphthalene	14.109	128	3152	0.766	ug/l	# 71

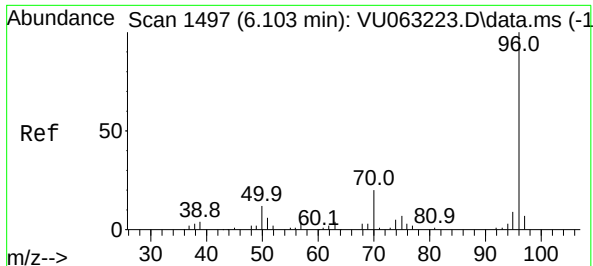
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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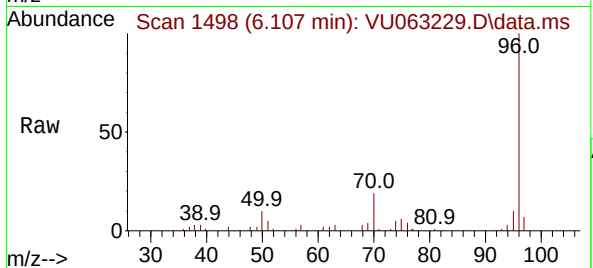
Quant Time: Feb 11 04:29:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
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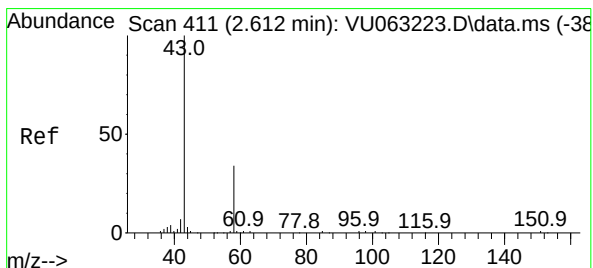
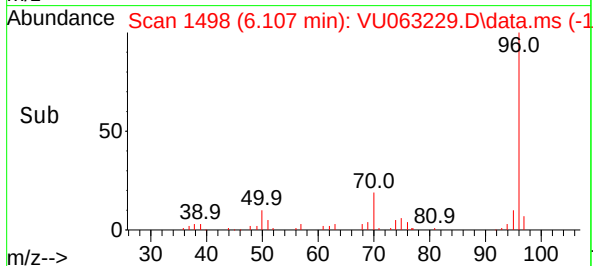
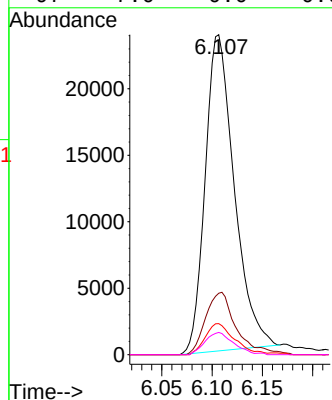


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063229.D
Acq: 10 Feb 2025 20:04

Instrument :
MSVOA_U
ClientSampleId :

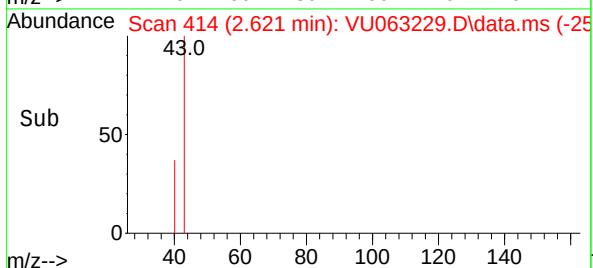
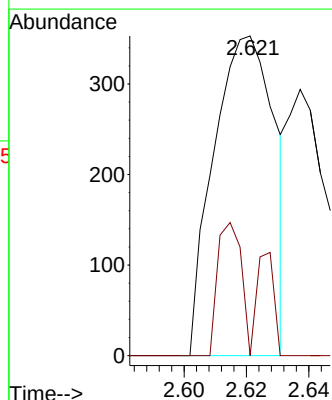
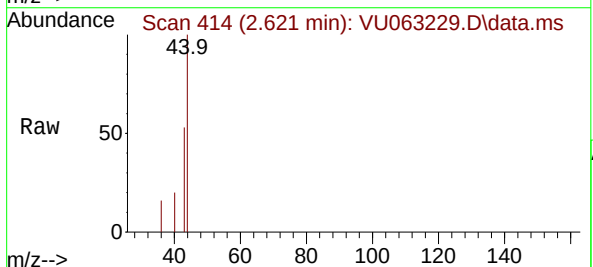


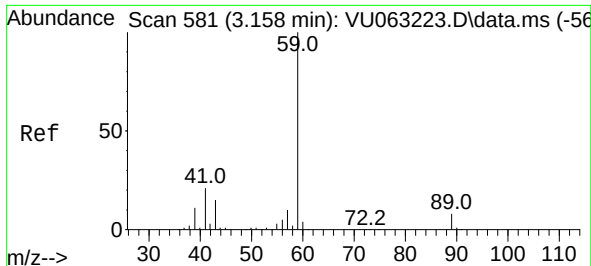
Tgt Ion: 96 Resp: 47864
Ion Ratio Lower Upper
96 100
70 20.7 15.6 23.4
95 9.3 7.3 10.9
97 7.0 0.0 0.0#



#13
Acetone
Concen: 0.221 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.010 min
Lab File: VU063229.D
Acq: 10 Feb 2025 20:04

Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.0#

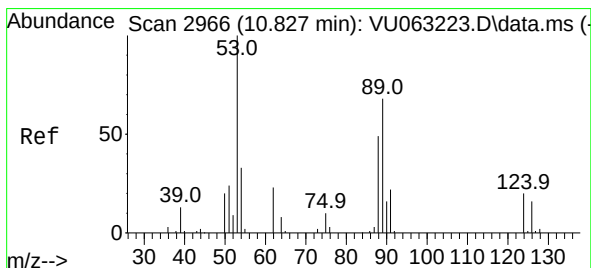
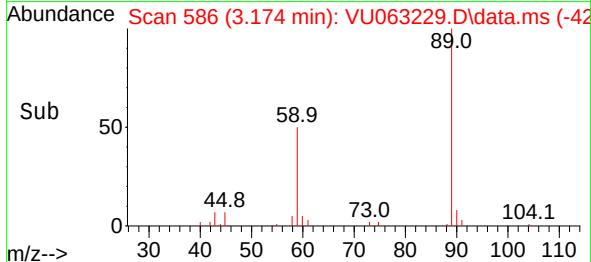
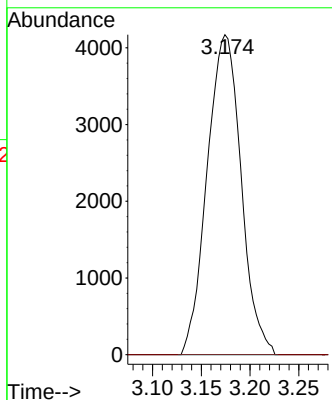
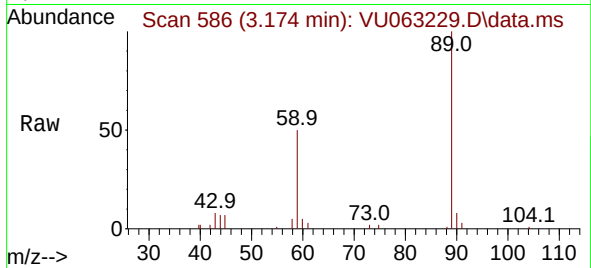




#24
tert-Butyl Alcohol
Concen: 3.205 ug/l
RT: 3.174 min Scan# 581
Delta R.T. 0.016 min
Lab File: VU063229.D
Acq: 10 Feb 2025 20:04

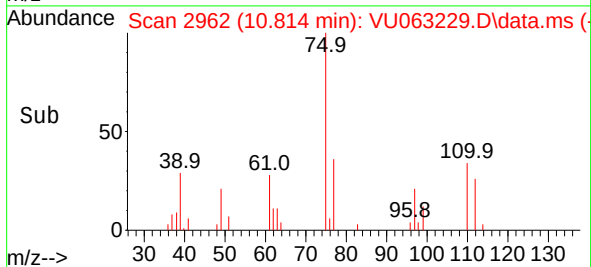
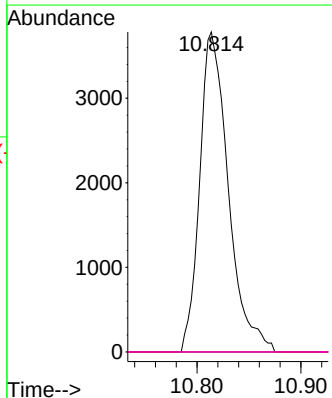
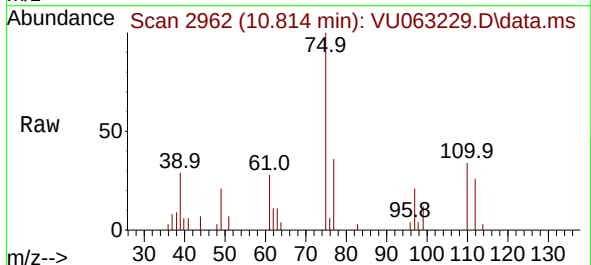
Instrument :
MSVOA_U
ClientSampleId :

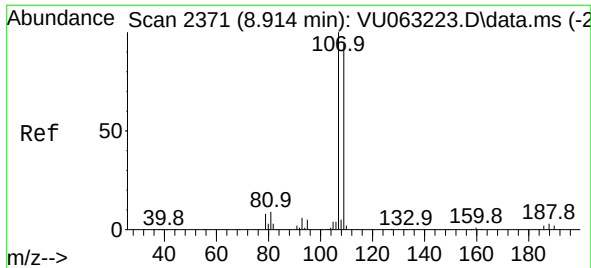
Tgt Ion: 59 Resp: 10124
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#46
t-1,4-Dichloro-2-butene
Concen: 1.885 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.013 min
Lab File: VU063229.D
Acq: 10 Feb 2025 20:04

Tgt Ion: 75 Resp: 7240
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 43.4 65.2#
88 0.0 31.2 46.8#





#56

1,2-Dibromoethane

Concen: 1.153 ug/l

RT: 8.920 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063229.D

Acq: 10 Feb 2025 20:04

Instrument :

MSVOA_U

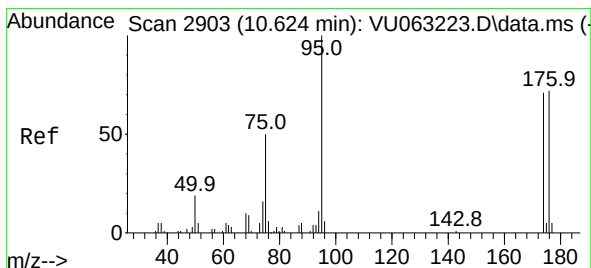
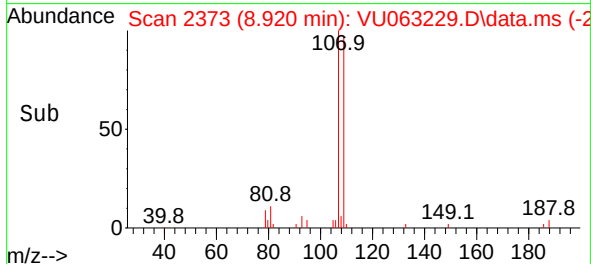
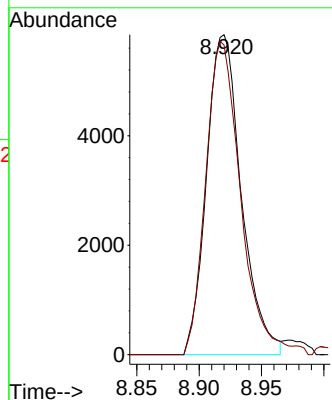
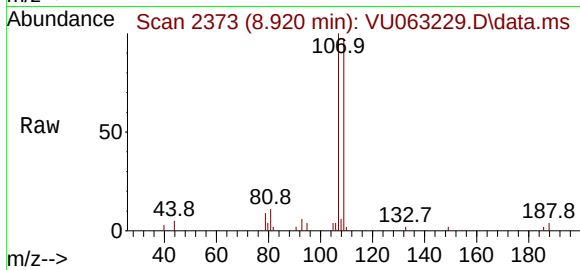
ClientSampleId :

Tgt Ion:107 Resp: 11368

Ion Ratio Lower Upper

107 100

109 98.3 0.0 187.8



#57

4-Bromofluorobenzene

Concen: 0.833 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.006 min

Lab File: VU063229.D

Acq: 10 Feb 2025 20:04

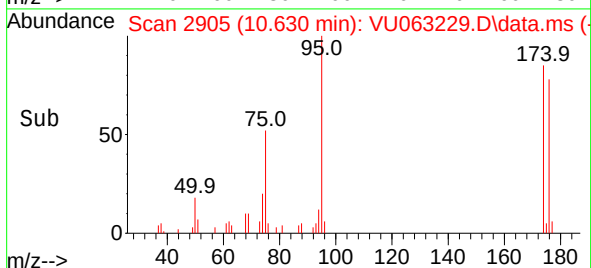
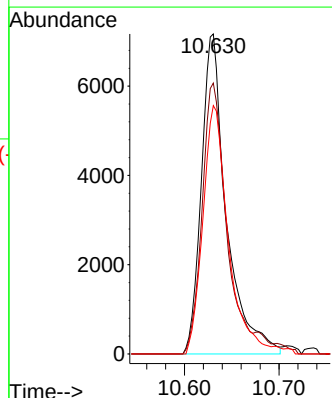
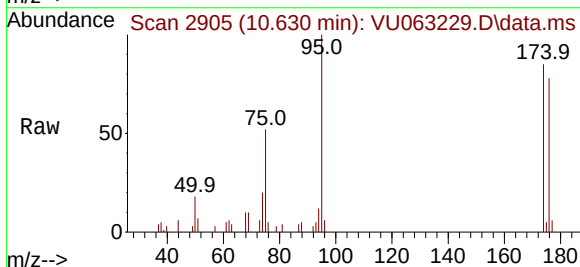
Tgt Ion: 95 Resp: 13154

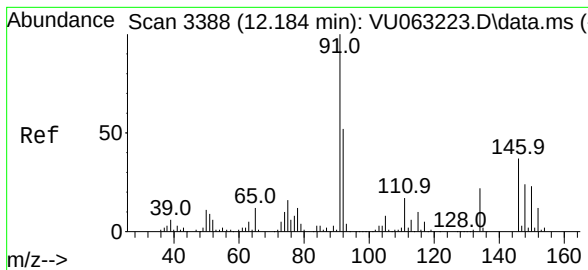
Ion Ratio Lower Upper

95 100

174 87.2 58.6 88.0

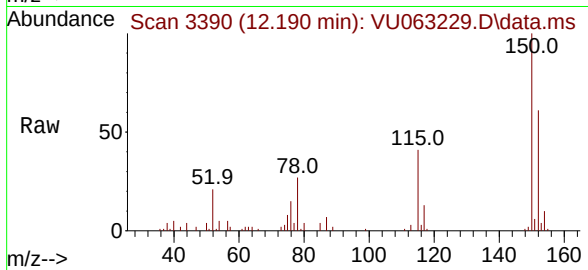
176 80.0 58.2 87.4



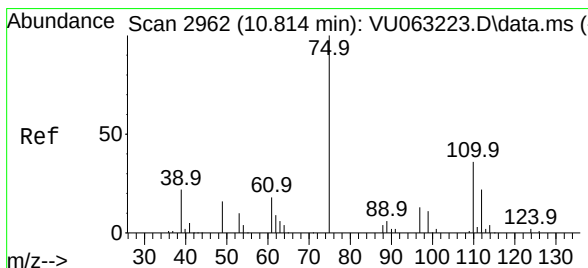
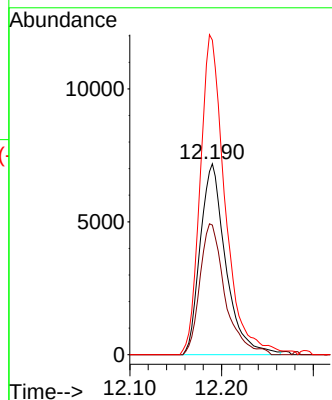
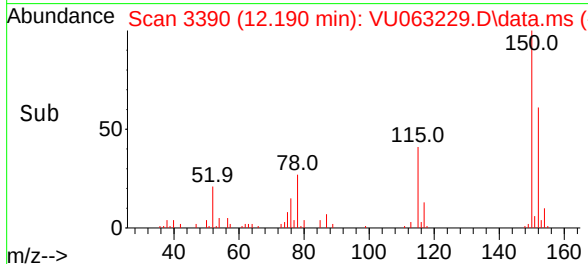


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.847 ug/l
 RT: 12.190 min Scan# 3388
 Delta R.T. 0.006 min
 Lab File: VU063229.D
 Acq: 10 Feb 2025 20:04

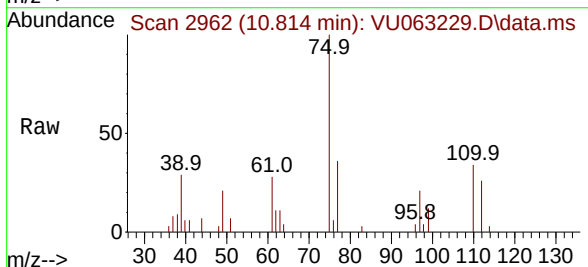
Instrument :
 MSVOA_U
 ClientSampleId :



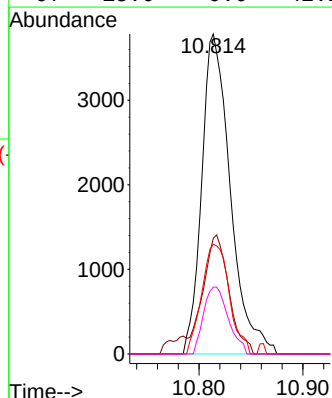
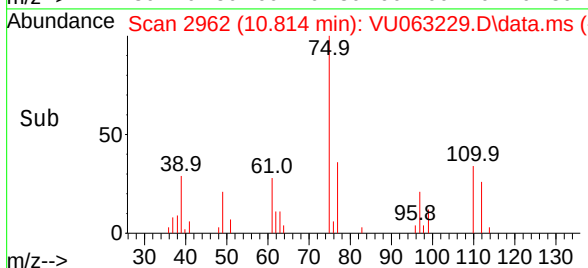
Tgt Ion:152 Resp: 13905
 Ion Ratio Lower Upper
 152 100
 115 67.4 0.0 275.2
 150 163.9 0.0 658.4

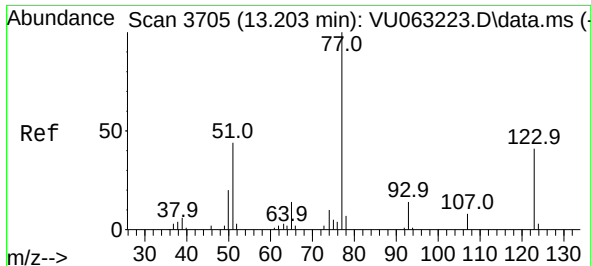


#71
 1,2,3-Trichloropropane
 Concen: 0.680 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063229.D
 Acq: 10 Feb 2025 20:04



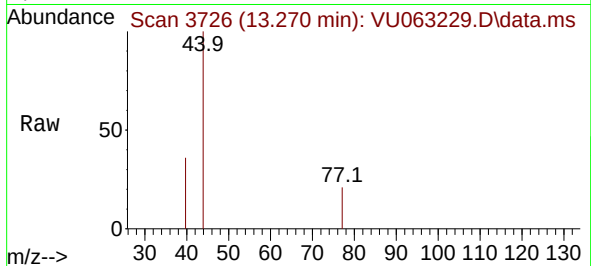
Tgt Ion: 75 Resp: 7240
 Ion Ratio Lower Upper
 75 100
 77 37.2 0.0 0.0#
 110 32.9 0.0 77.0
 97 18.0 0.0 42.2



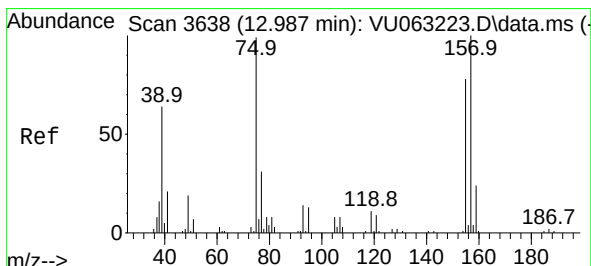
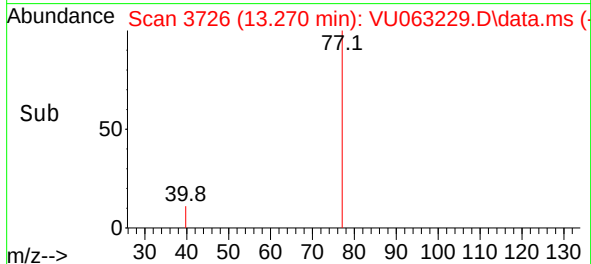
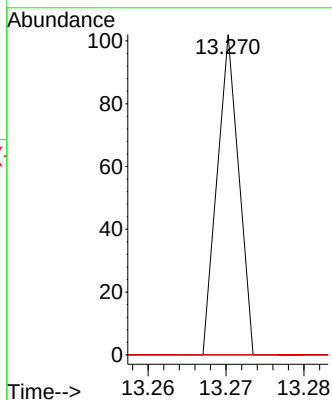


#80
 Nitrobenzene
 Concen: 3.884 ug/l
 RT: 13.270 min Scan# 31
 Delta R.T. 0.067 min
 Lab File: VU063229.D
 Acq: 10 Feb 2025 20:04

Instrument :
 MSVOA_U
 ClientSampleId :

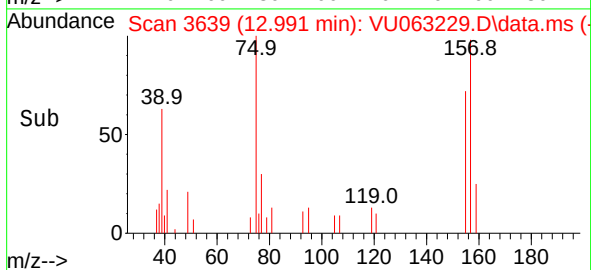
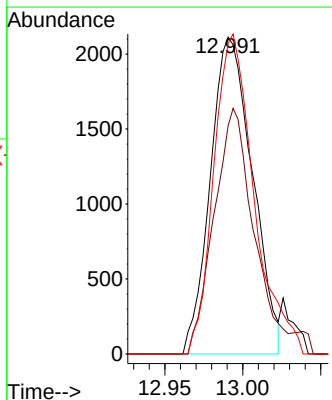
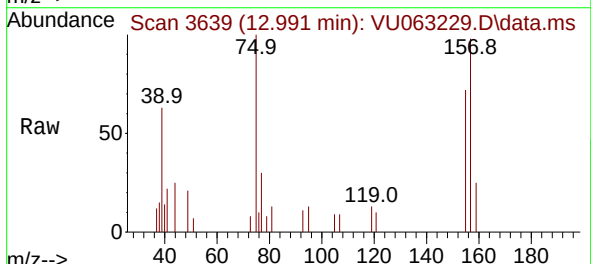


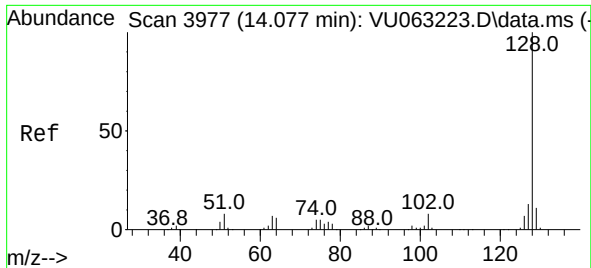
Tgt Ion: 77 Resp: 20
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.9 67.1#
 65 0.0 11.9 15.1#



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.994 ug/l
 RT: 12.991 min Scan# 3639
 Delta R.T. 0.003 min
 Lab File: VU063229.D
 Acq: 10 Feb 2025 20:04

Tgt Ion: 75 Resp: 3965
 Ion Ratio Lower Upper
 75 100
 155 73.7 63.5 95.3
 157 96.8 81.8 122.6





#89

Naphthalene

Concen: 0.766 ug/l

RT: 14.109 min Scan# 3977

Delta R.T. 0.032 min

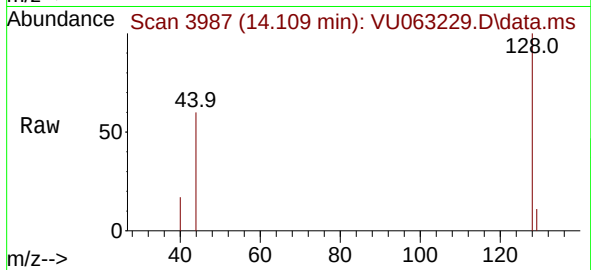
Lab File: VU063229.D

Acq: 10 Feb 2025 20:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 3152

Ion Ratio Lower Upper

128 100

127 0.6 10.6 16.0#

129 1.3 8.6 13.0#

