

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063232.D
 Acq On : 11 Feb 2025 13:02
 Operator : MD/SY
 Sample : Q1172-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 03:18:20 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)

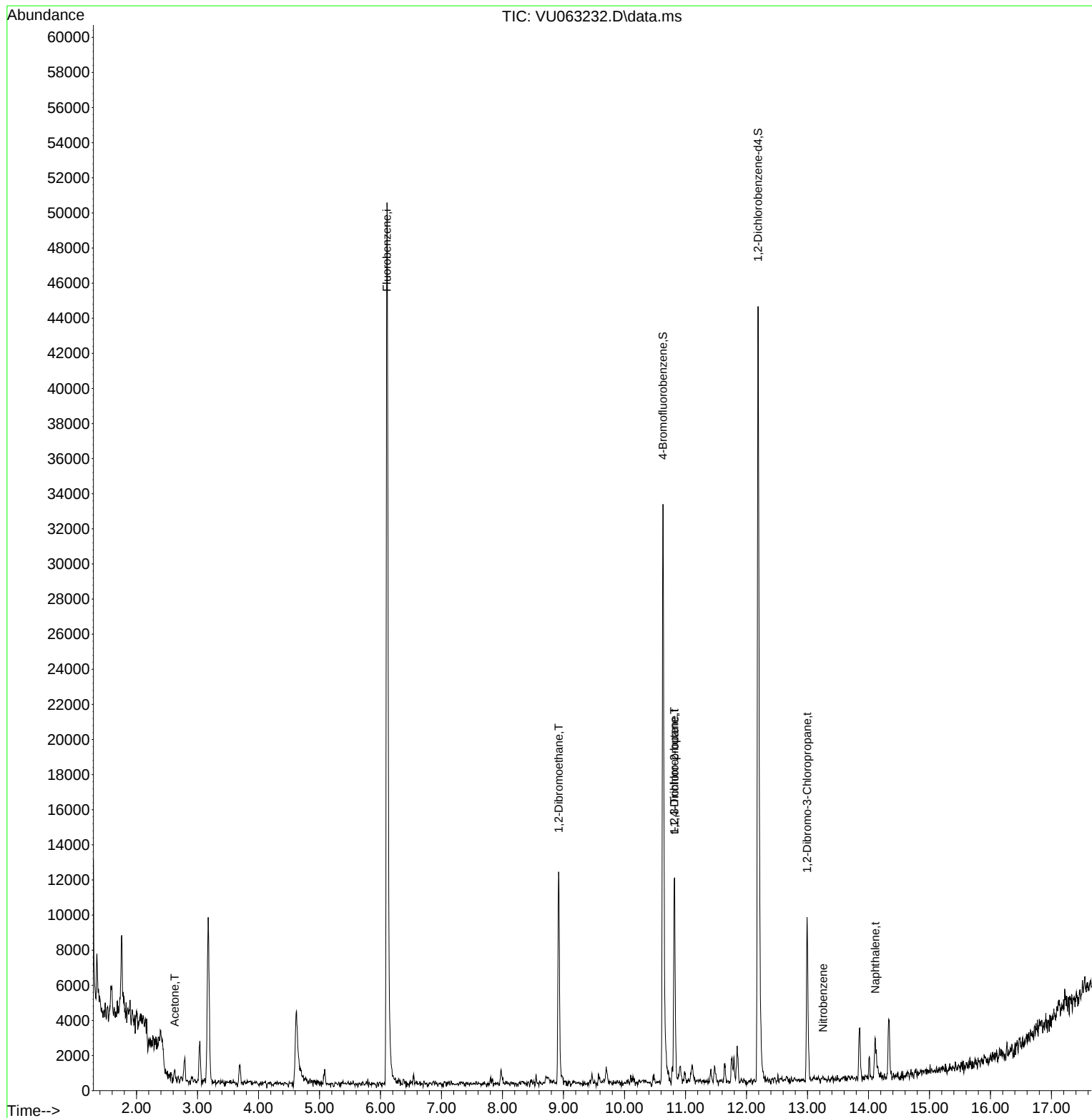
Internal Standards						
1) Fluorobenzene	6.106	96	51498	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14396	0.847	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14411	0.816	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
13) Acetone	2.624	43	545	0.235	ug/l	# 40
24) tert-Butyl Alcohol	3.177	59	5990	Below Cal	#	74
46) t-1,4-Dichloro-2-butene	10.817	75	5557	1.344	ug/l	# 20
56) 1,2-Dibromoethane	8.923	107	9021	0.851	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	5557	0.485	ug/l	# 96
80) Nitrobenzene	13.254	77	110	4.065	ug/l	# 41
86) 1,2-Dibromo-3-Chloropr...	12.994	75	3052	1.427	ug/l	93
89) Naphthalene	14.109	128	2577	0.740	ug/l	100

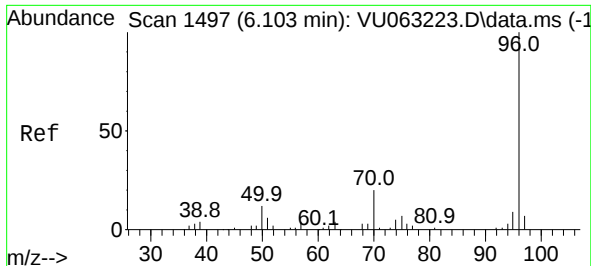
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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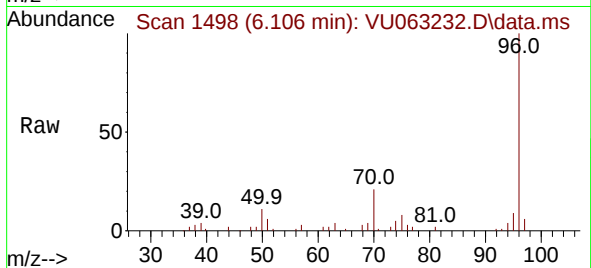
Quant Time: Feb 12 03:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
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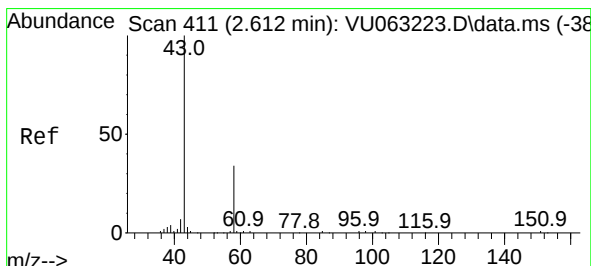
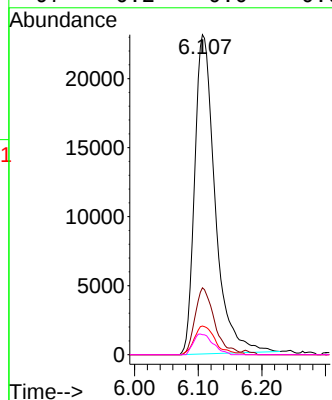
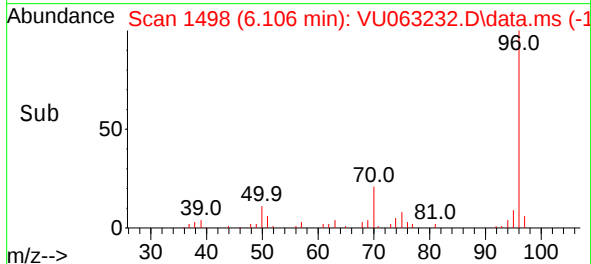


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1497
Delta R.T. 0.003 min
Lab File: VU063232.D
Acq: 11 Feb 2025 13:02

Instrument :
MSVOA_U
ClientSampleId :

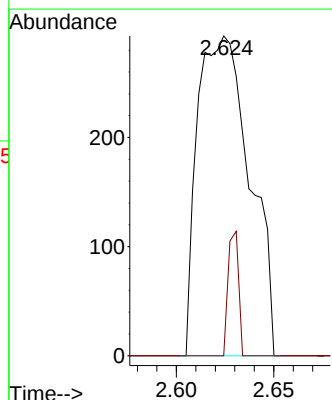
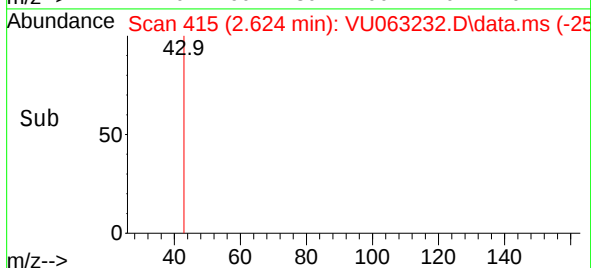
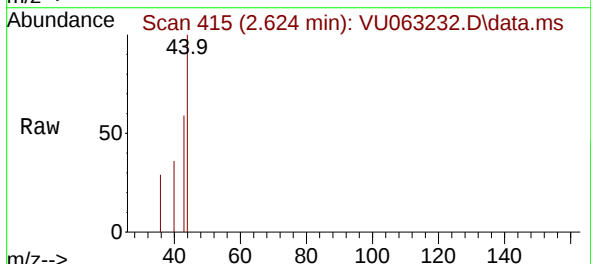


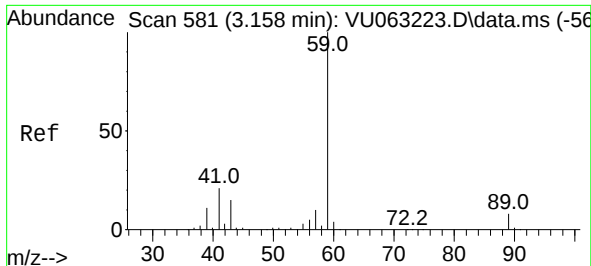
Tgt Ion: 96 Resp: 51498
Ion Ratio Lower Upper
96 100
70 19.0 15.6 23.4
95 9.3 7.3 10.9
97 6.2 0.0 0.0#



#13
Acetone
Concen: 0.235 ug/l
RT: 2.624 min Scan# 415
Delta R.T. 0.013 min
Lab File: VU063232.D
Acq: 11 Feb 2025 13:02

Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.0#

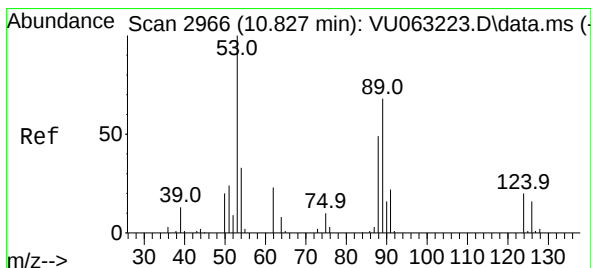
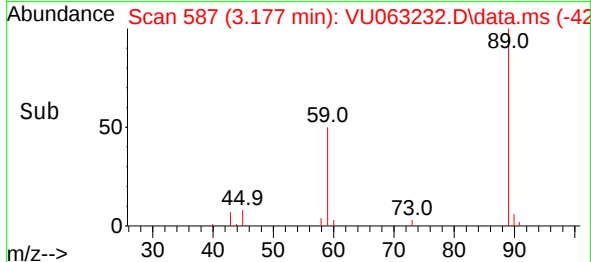
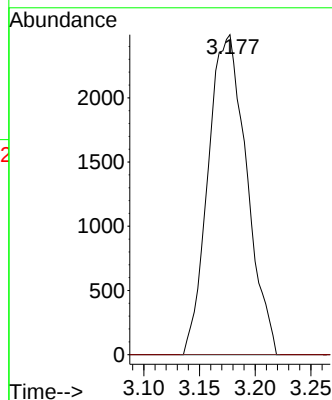
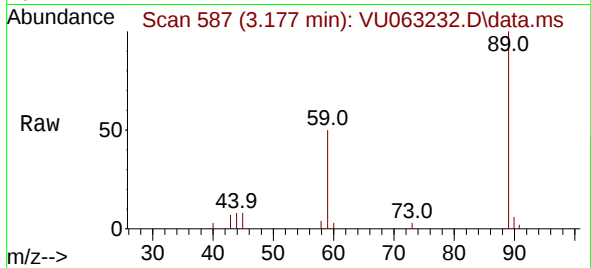




#24
tert-Butyl Alcohol
Concen: Below Cal
RT: 3.177 min Scan# 51
Delta R.T. 0.019 min
Lab File: VU063232.D
Acq: 11 Feb 2025 13:02

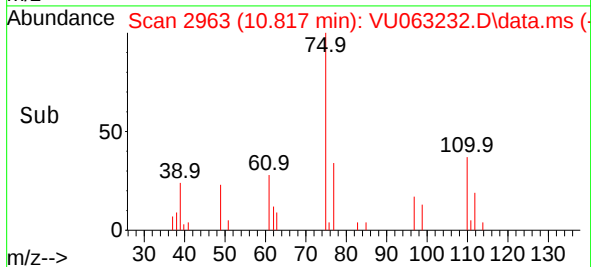
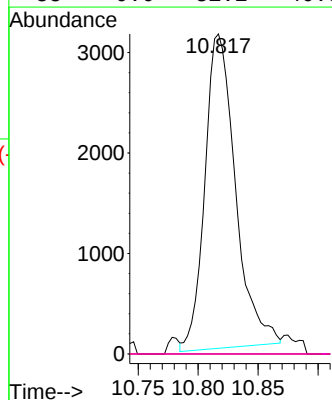
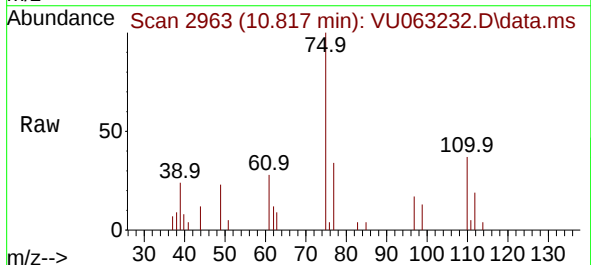
Instrument :
MSVOA_U
ClientSampleId :

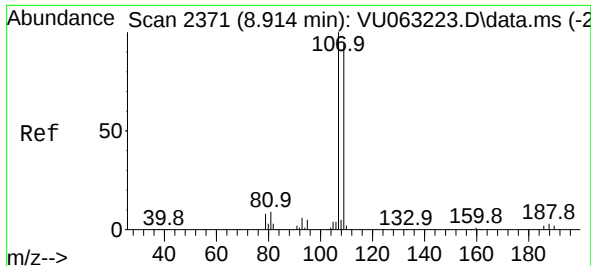
Tgt Ion: 59 Resp: 5990
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#46
t-1,4-Dichloro-2-butene
Concen: 1.344 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU063232.D
Acq: 11 Feb 2025 13:02

Tgt Ion: 75 Resp: 5557
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: 0.851 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.010 min

Lab File: VU063232.D

Acq: 11 Feb 2025 13:02

Instrument :

MSVOA_U

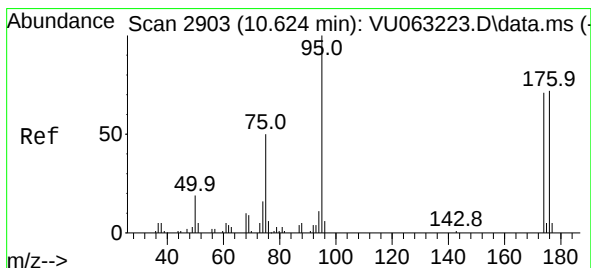
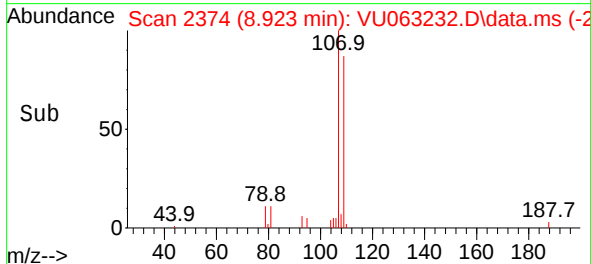
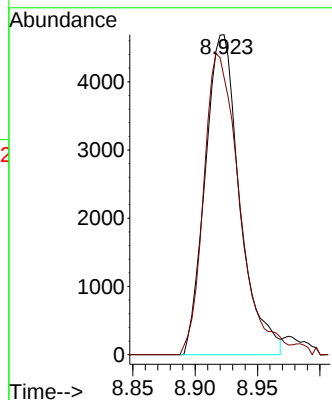
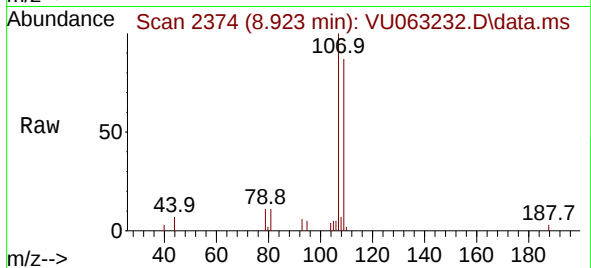
ClientSampleId :

Tgt Ion:107 Resp: 9021

Ion Ratio Lower Upper

107 100

109 97.7 0.0 187.8



#57

4-Bromofluorobenzene

Concen: 0.847 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.006 min

Lab File: VU063232.D

Acq: 11 Feb 2025 13:02

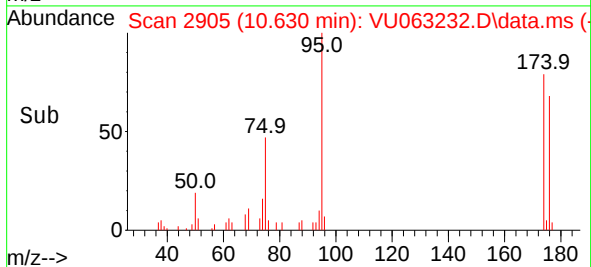
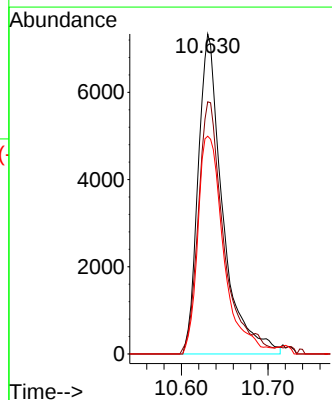
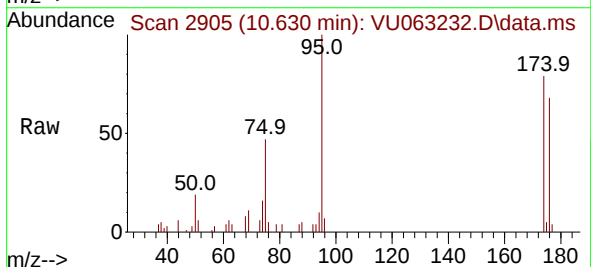
Tgt Ion: 95 Resp: 14396

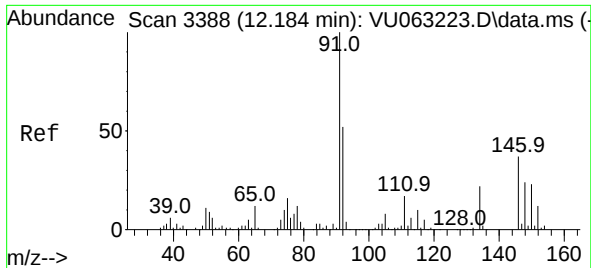
Ion Ratio Lower Upper

95 100

174 82.6 58.6 88.0

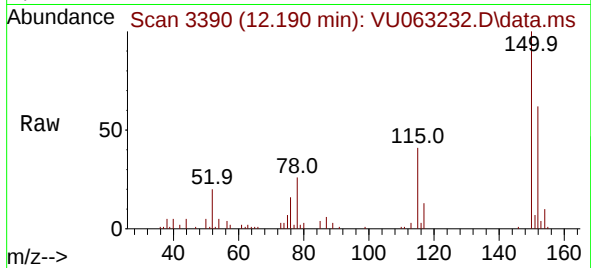
176 72.4 58.2 87.4



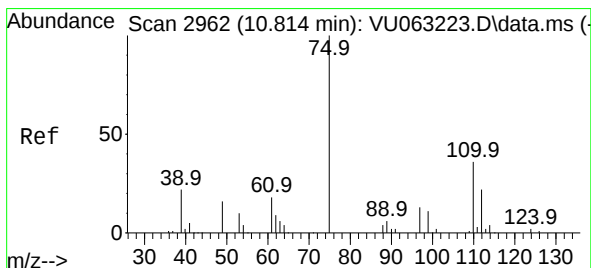
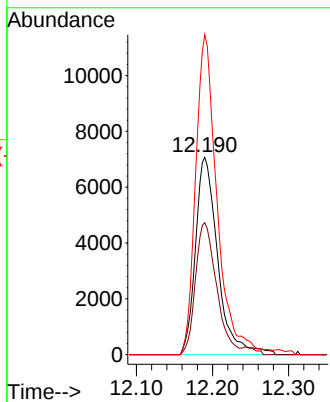
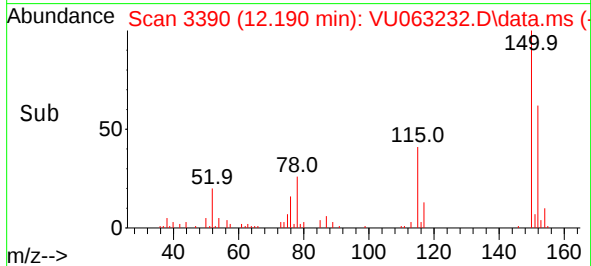


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.816 ug/l
 RT: 12.190 min Scan# 3388
 Delta R.T. 0.006 min
 Lab File: VU063232.D
 Acq: 11 Feb 2025 13:02

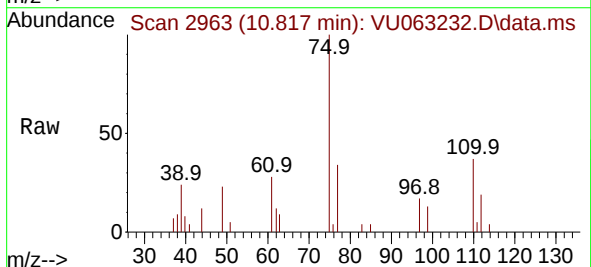
Instrument :
 MSVOA_U
 ClientSampleId :



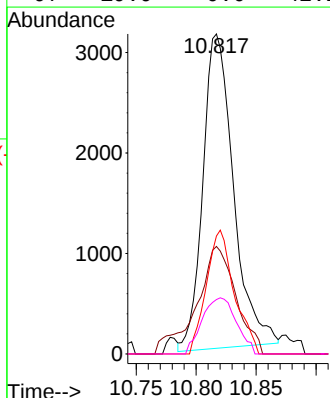
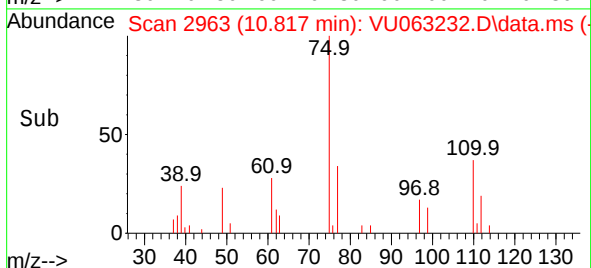
Tgt Ion:152 Resp: 14411
 Ion Ratio Lower Upper
 152 100
 115 63.0 0.0 275.2
 150 156.3 0.0 658.4

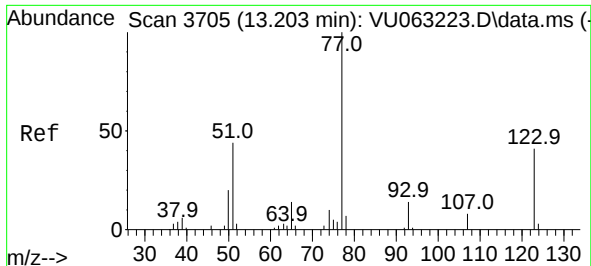


#71
 1,2,3-Trichloropropane
 Concen: 0.485 ug/l
 RT: 10.817 min Scan# 2963
 Delta R.T. 0.003 min
 Lab File: VU063232.D
 Acq: 11 Feb 2025 13:02



Tgt Ion: 75 Resp: 5557
 Ion Ratio Lower Upper
 75 100
 77 44.1 0.0 0.0#
 110 36.0 0.0 77.0
 97 19.9 0.0 42.2





#80

Nitrobenzene

Concen: 4.065 ug/l

RT: 13.254 min Scan# 31

Delta R.T. 0.051 min

Lab File: VU063232.D

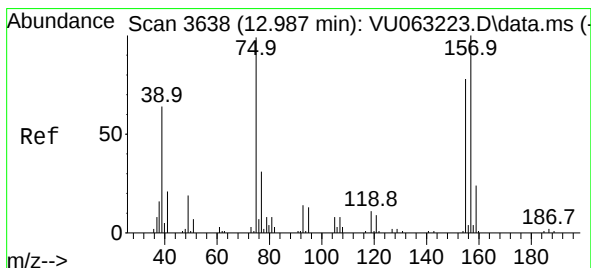
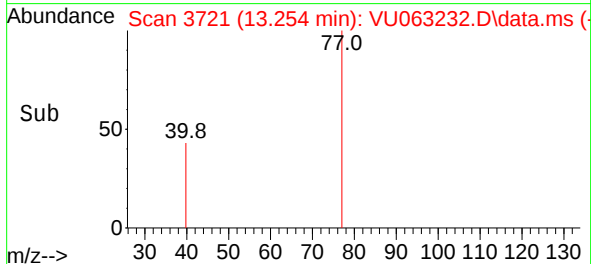
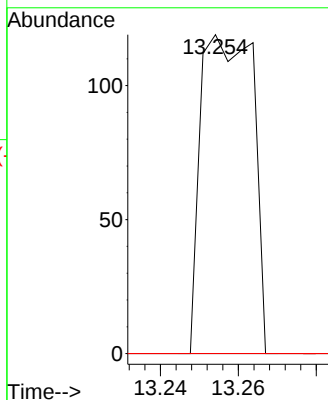
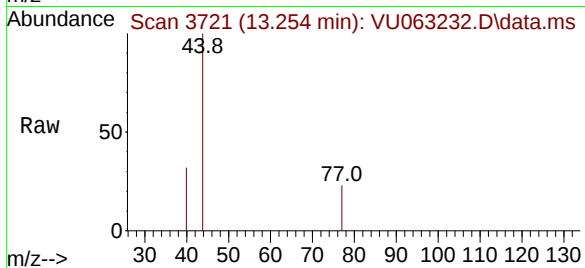
Acq: 11 Feb 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 77	Resp:	110
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: 1.427 ug/l

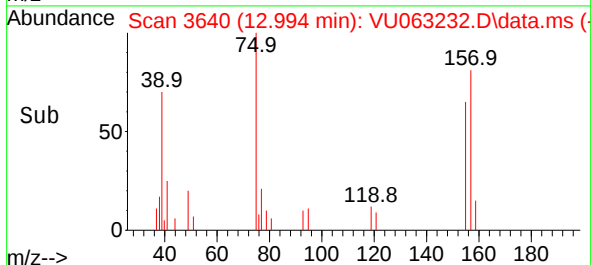
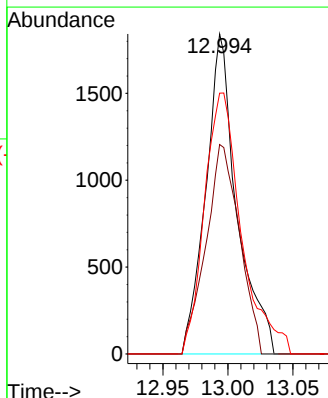
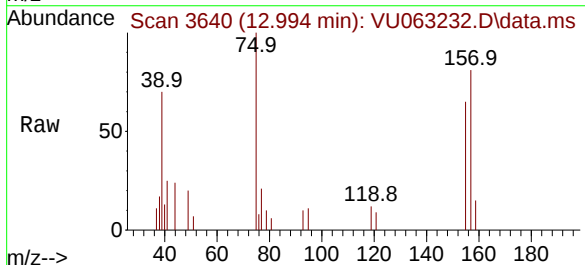
RT: 12.994 min Scan# 3640

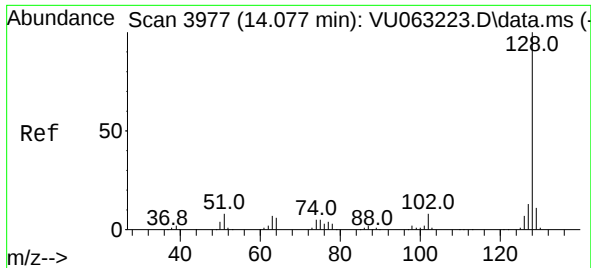
Delta R.T. 0.006 min

Lab File: VU063232.D

Acq: 11 Feb 2025 13:02

Tgt Ion: 75	Resp:	3052
Ion	Ratio	Lower Upper
75	100	
155	71.1	63.5 95.3
157	97.3	81.8 122.6





#89

Naphthalene

Concen: 0.740 ug/l

RT: 14.109 min Scan# 3977

Delta R.T. 0.032 min

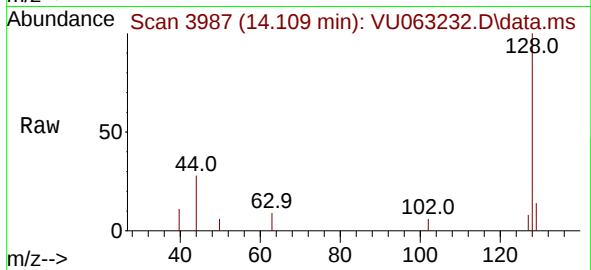
Lab File: VU063232.D

Acq: 11 Feb 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 2577

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.5 8.6 13.0

