

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063233.D
 Acq On : 11 Feb 2025 13:28
 Operator : MD/SY
 Sample : Q1172-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 03:18:37 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)

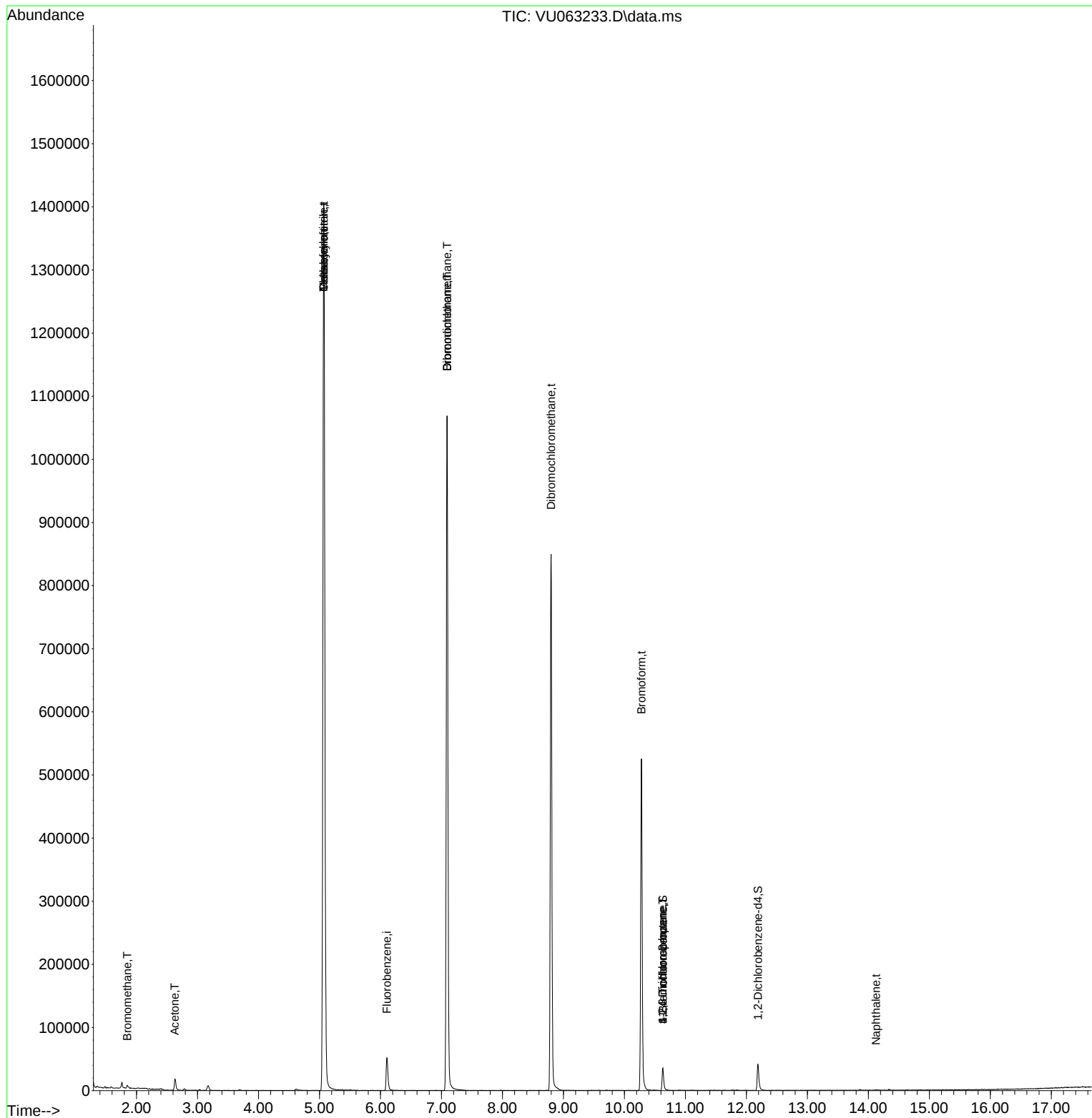
Internal Standards						
1) Fluorobenzene	6.106	96	50312	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14327	0.863	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14413	0.835	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.849	94	2065	0.227	ug/l	99
13) Acetone	2.627	43	732	0.323	ug/l #	40
24) tert-Butyl Alcohol	3.177	59	5082	Below Cal	#	74
27) Chloroform	5.071	83	1268617	45.780	ug/l	98
39) Methacrylonitrile	5.071	41	4268	1.054	ug/l #	22
41) Tetrahydrofuran	5.071	42	2714	1.152	ug/l #	1
43) Dibromomethane	7.094	93	21264	2.595	ug/l #	5
44) Bromodichloromethane	7.094	83	713400	37.410	ug/l	100
46) t-1,4-Dichloro-2-butene	10.627	75	7193	1.781	ug/l #	22
55) Dibromochloromethane	8.798	129	444481	34.974	ug/l	98
67) Bromoform	10.280	173	243455	33.752	ug/l	100
71) 1,2,3-Trichloropropane	10.627	75	7193	0.643	ug/l #	43
89) Naphthalene	14.125	128	946	0.688	ug/l #	75

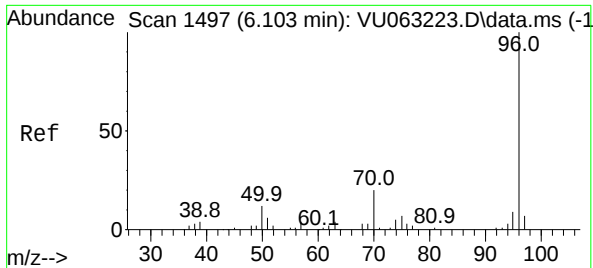
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_U\Data\VU021125\
Data File : VU063233.D
Acq On : 11 Feb 2025 13:28
Operator : MD/SY
Sample : Q1172-09
Misc : 25.0mL/MSV0A_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSV0A_U
ClientSampleId :

Quant Time: Feb 12 03:18:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_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

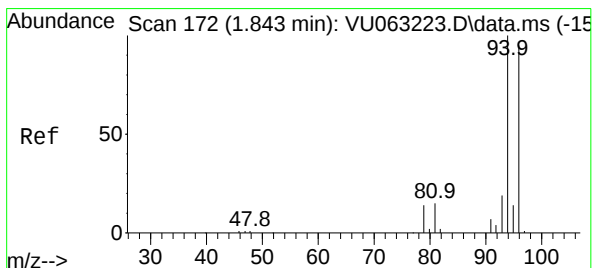
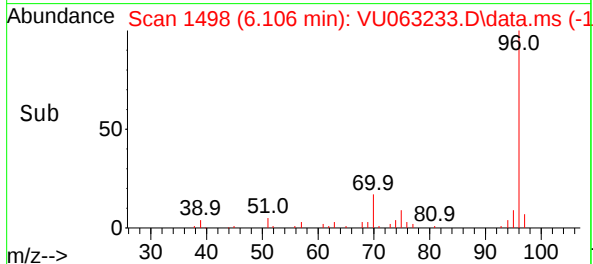
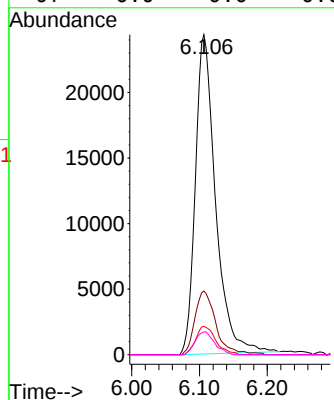
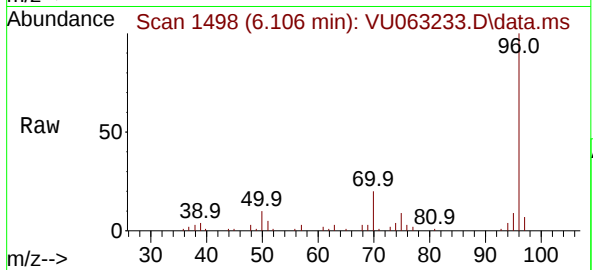




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU063233.D
Acq: 11 Feb 2025 13:28

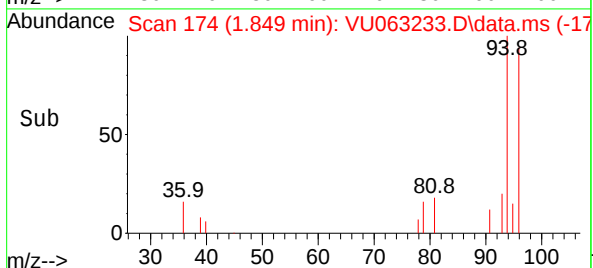
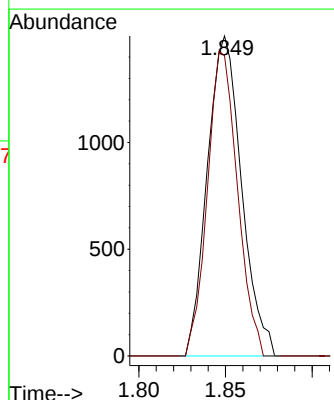
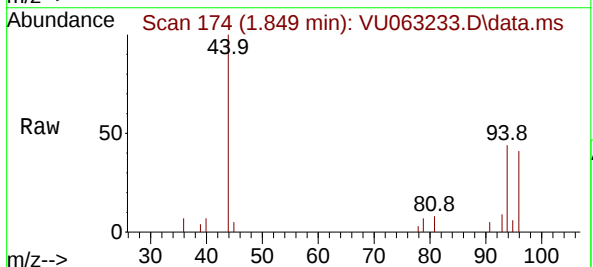
Instrument :
MSVOA_U
ClientSampleId :

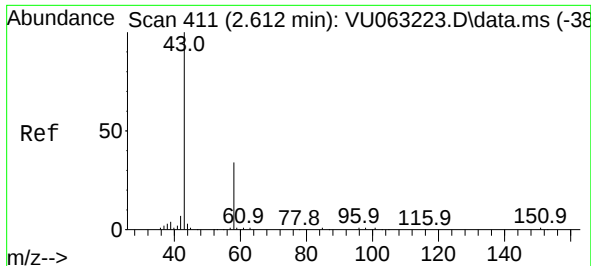
Tgt Ion: 96 Resp: 50312
Ion Ratio Lower Upper
96 100
70 19.7 15.6 23.4
95 8.8 7.3 10.9
97 6.9 0.0 0.0#



#5
Bromomethane
Concen: 0.227 ug/l
RT: 1.849 min Scan# 174
Delta R.T. 0.006 min
Lab File: VU063233.D
Acq: 11 Feb 2025 13:28

Tgt Ion: 94 Resp: 2065
Ion Ratio Lower Upper
94 100
96 93.9 75.7 113.5





#13

Acetone

Concen: 0.323 ug/l

RT: 2.627 min Scan# 411

Delta R.T. 0.016 min

Lab File: VU063223.D

Acq: 11 Feb 2025 13:28

Instrument :

MSVOA_U

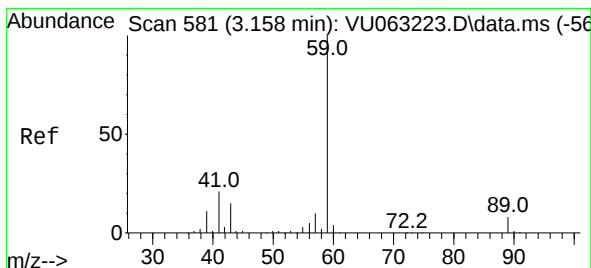
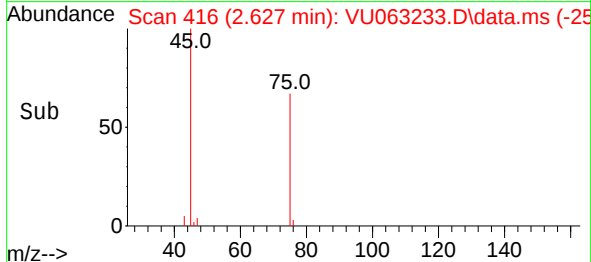
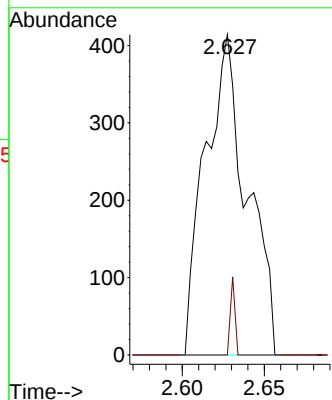
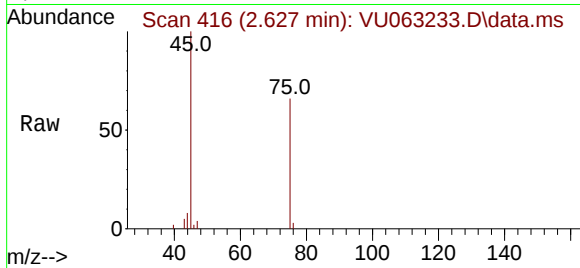
ClientSampleId :

Tgt Ion: 43 Resp: 732

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# 587

Delta R.T. 0.019 min

Lab File: VU063223.D

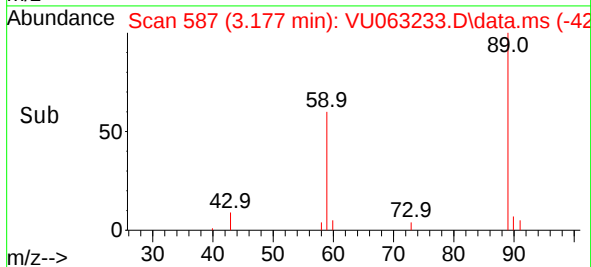
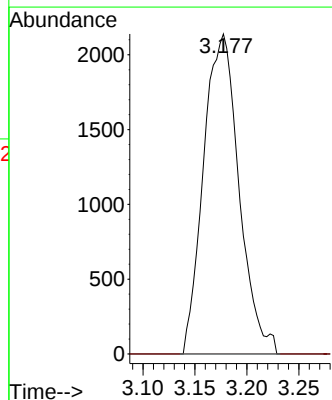
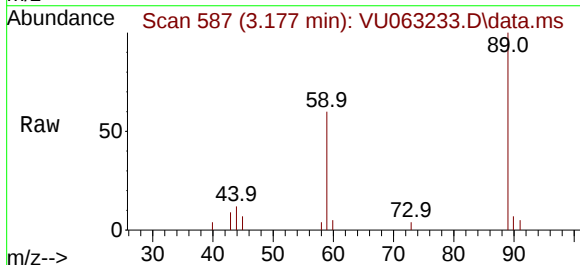
Acq: 11 Feb 2025 13:28

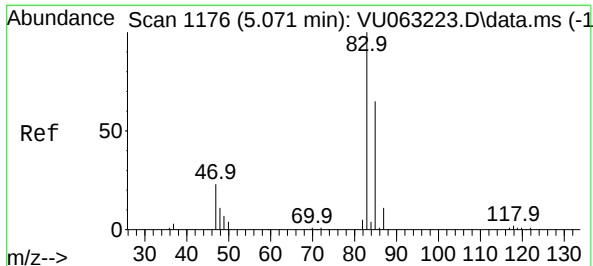
Tgt Ion: 59 Resp: 5082

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#

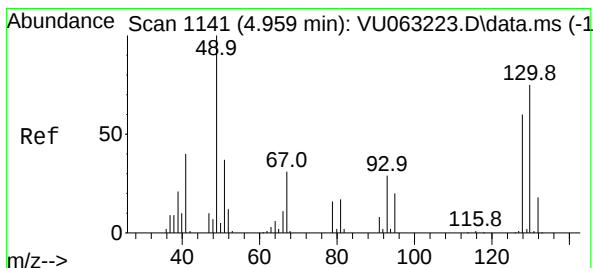
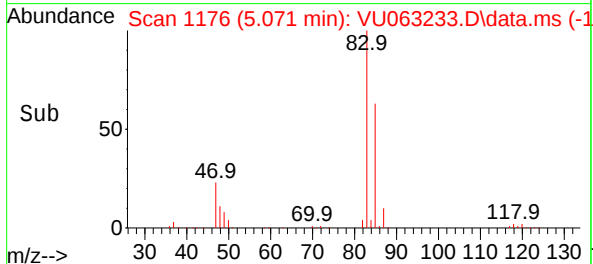
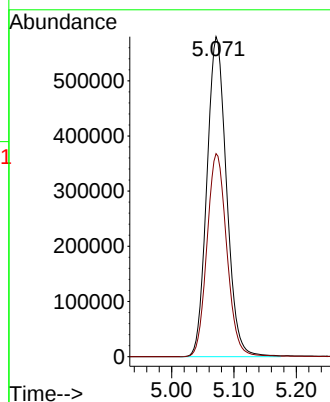
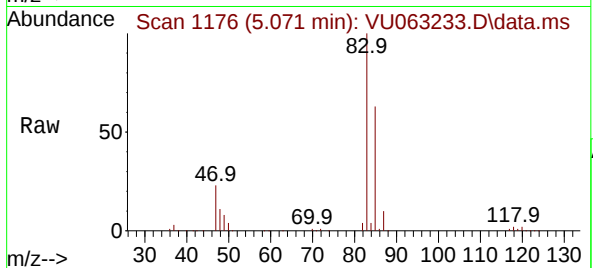




#27
Chloroform
Concen: 45.780 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VU063223.D
Acq: 11 Feb 2025 13:28

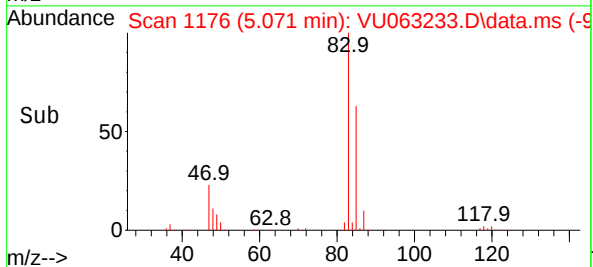
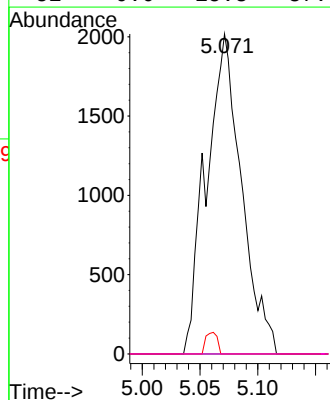
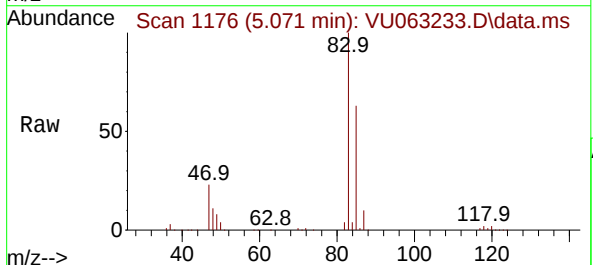
Instrument :
MSVOA_U
ClientSampleId :

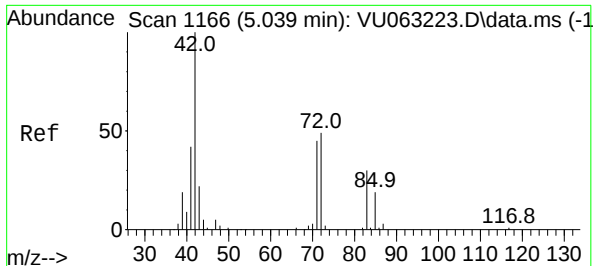
Tgt Ion: 83 Resp: 1268617
Ion Ratio Lower Upper
83 100
85 63.5 0.0 129.8



#39
Methacrylonitrile
Concen: 1.054 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.112 min
Lab File: VU063223.D
Acq: 11 Feb 2025 13:28

Tgt Ion: 41 Resp: 4268
Ion Ratio Lower Upper
41 100
67 0.0 64.5 96.7#
39 2.2 43.0 64.6#
52 0.0 25.3 37.9#





#41

Tetrahydrofuran

Concen: 1.152 ug/l

RT: 5.071 min Scan# 1

Delta R.T. 0.032 min

Lab File: VU063233.D

Acq: 11 Feb 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

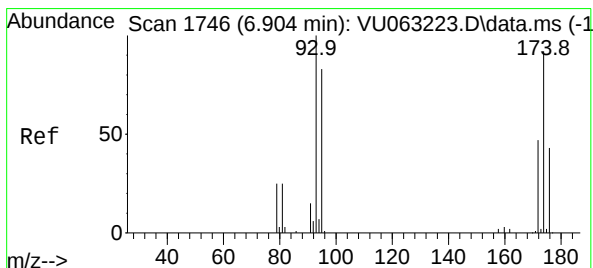
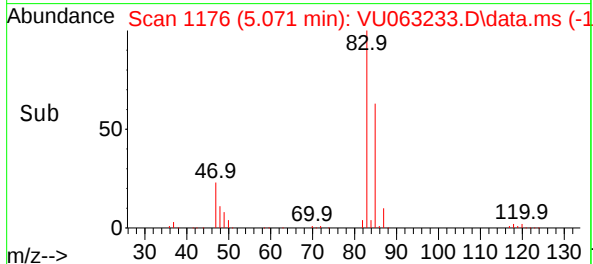
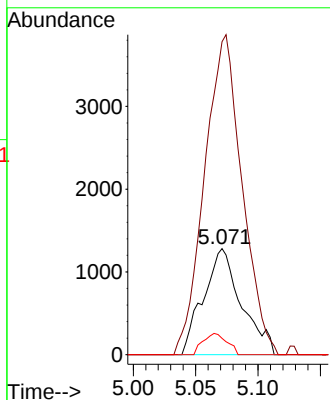
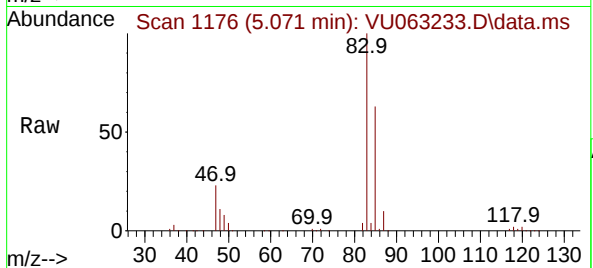
Tgt Ion: 42 Resp: 2714

Ion Ratio Lower Upper

42 100

72 298.1 41.5 62.3#

71 12.6 37.2 55.8#



#43

Dibromomethane

Concen: 2.595 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.190 min

Lab File: VU063233.D

Acq: 11 Feb 2025 13:28

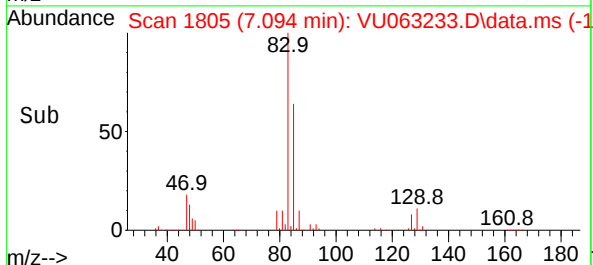
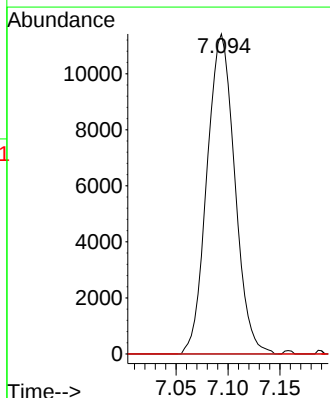
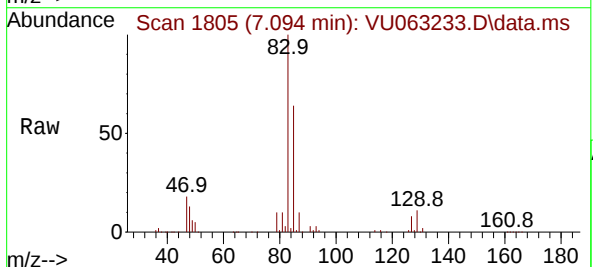
Tgt Ion: 93 Resp: 21264

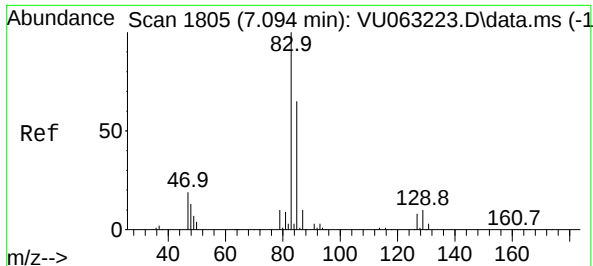
Ion Ratio Lower Upper

93 100

95 0.2 67.2 100.8#

174 0.2 75.7 113.5#





#44

Bromodichloromethane

Concen: 37.410 ug/l

RT: 7.094 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063223.D

Acq: 11 Feb 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

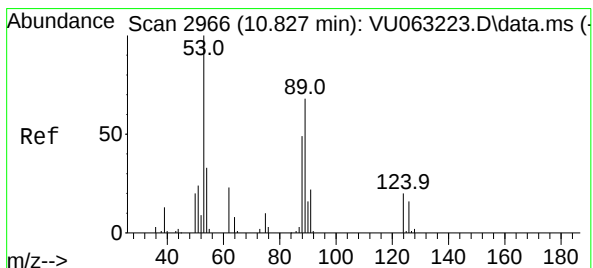
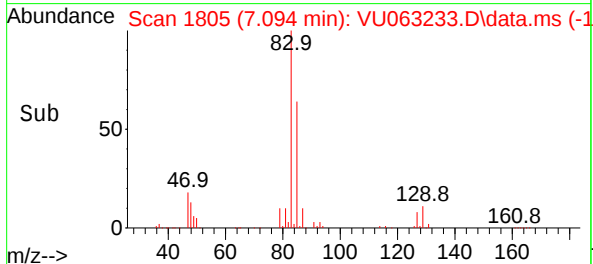
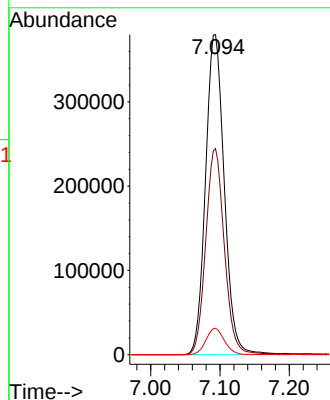
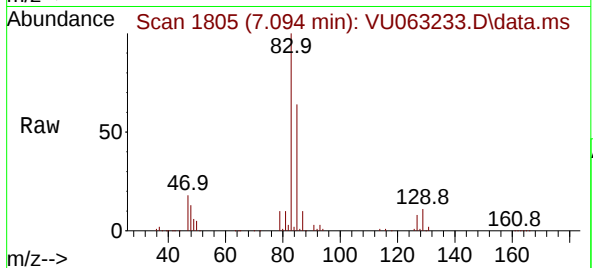
Tgt Ion: 83 Resp: 713400

Ion Ratio Lower Upper

83 100

85 64.4 51.7 77.5

127 8.2 6.7 10.1



#46

t-1,4-Dichloro-2-butene

Concen: 1.781 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.200 min

Lab File: VU063223.D

Acq: 11 Feb 2025 13:28

Tgt Ion: 75 Resp: 7193

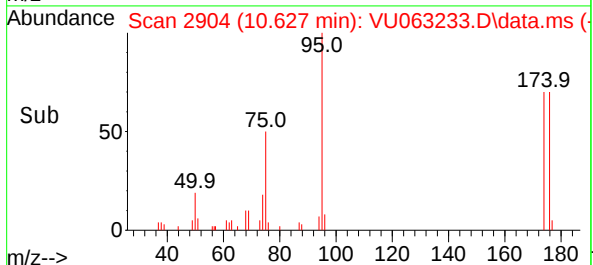
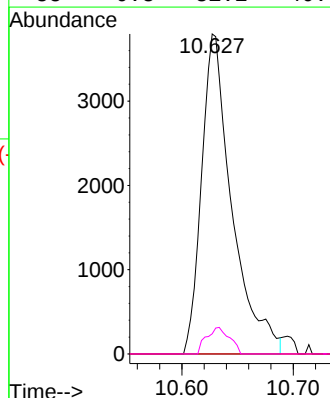
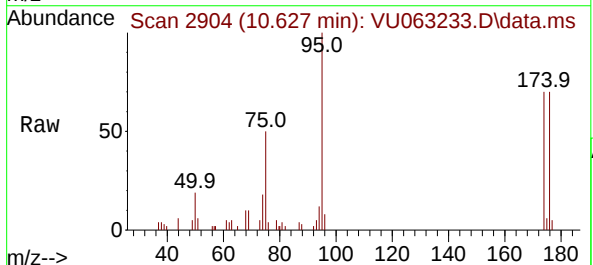
Ion Ratio Lower Upper

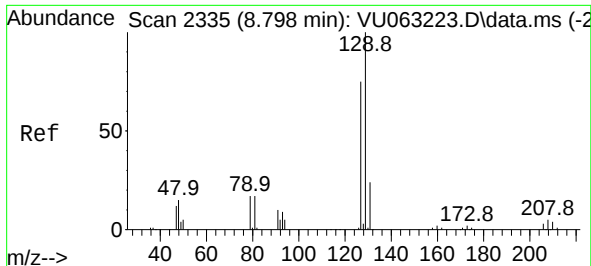
75 100

53 0.0 64.5 96.7#

89 0.0 43.4 65.2#

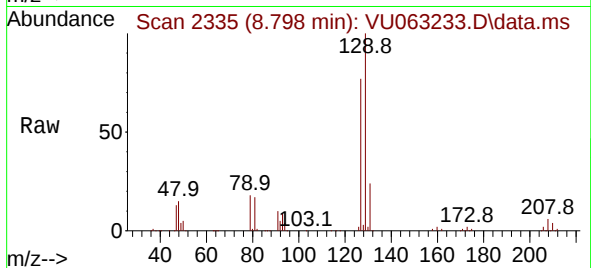
88 6.3 31.2 46.8#



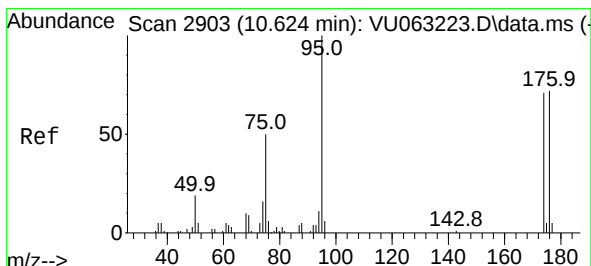
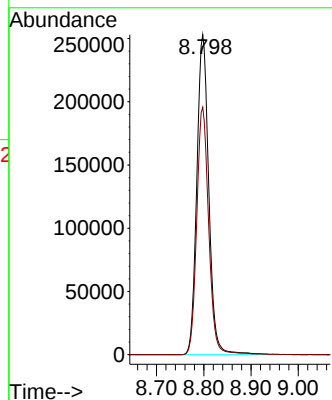
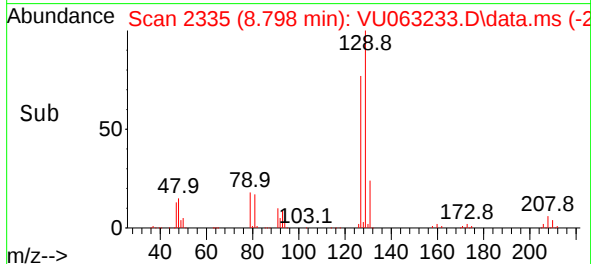


#55
Dibromochloromethane
Concen: 34.974 ug/l
RT: 8.798 min Scan# 24
Delta R.T. -0.000 min
Lab File: VU063233.D
Acq: 11 Feb 2025 13:28

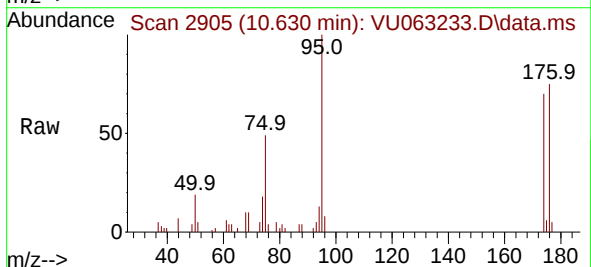
Instrument :
MSVOA_U
ClientSampleId :



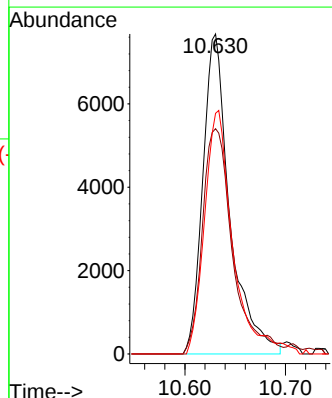
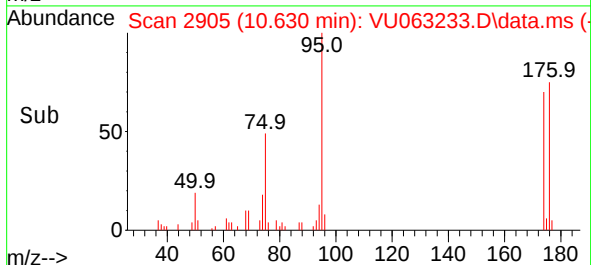
Tgt Ion:129 Resp: 444481
Ion Ratio Lower Upper
129 100
127 76.9 60.4 90.6

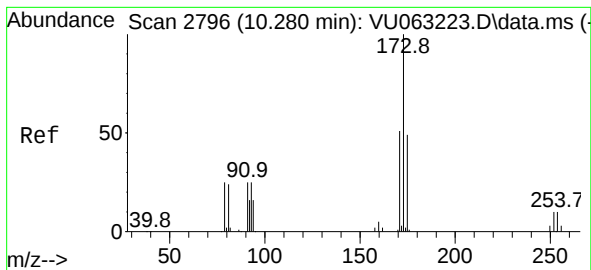


#57
4-Bromofluorobenzene
Concen: 0.863 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.006 min
Lab File: VU063233.D
Acq: 11 Feb 2025 13:28



Tgt Ion: 95 Resp: 14327
Ion Ratio Lower Upper
95 100
174 78.8 58.6 88.0
176 79.8 58.2 87.4





#67

Bromoform

Concen: 33.752 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063223.D

Acq: 11 Feb 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

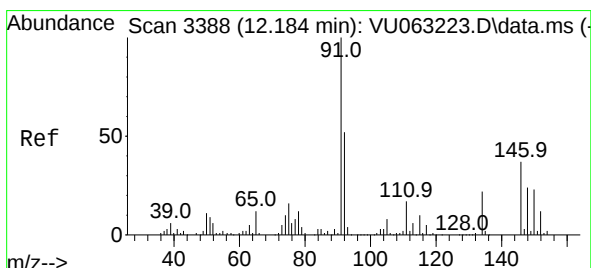
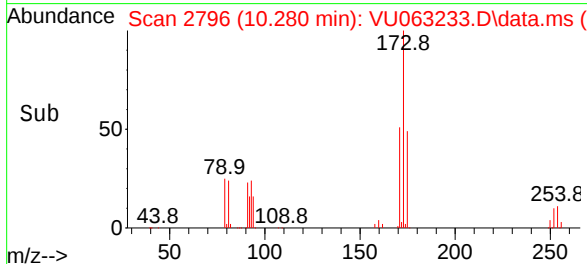
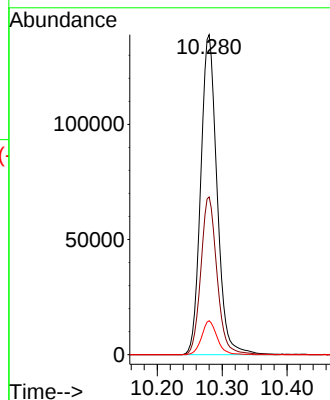
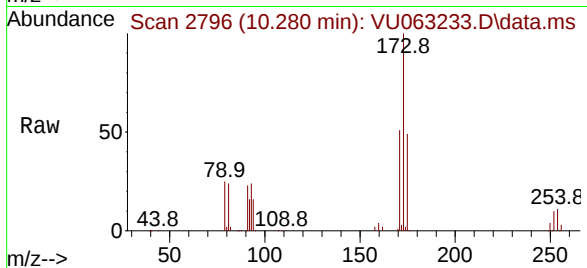
Tgt Ion:173 Resp: 243455

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 10.1 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.835 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063223.D

Acq: 11 Feb 2025 13:28

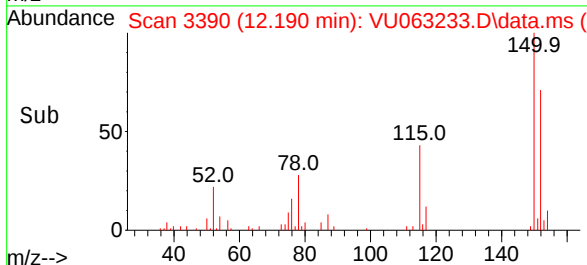
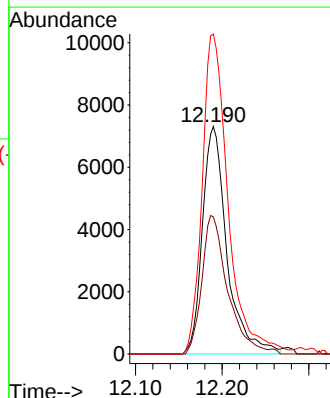
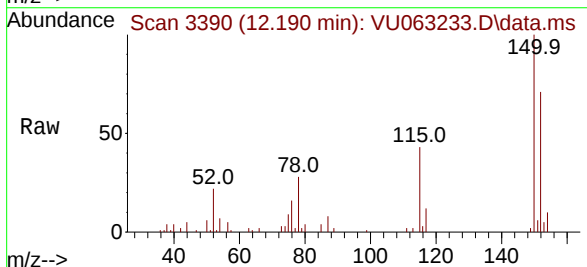
Tgt Ion:152 Resp: 14413

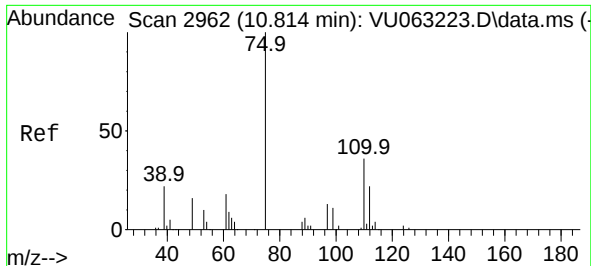
Ion Ratio Lower Upper

152 100

115 64.0 0.0 275.2

150 148.0 0.0 658.4





#71

1,2,3-Trichloropropane

Concen: 0.643 ug/l

RT: 10.627 min Scan# 2962

Delta R.T. -0.187 min

Lab File: VU063223.D

Acq: 11 Feb 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 7193

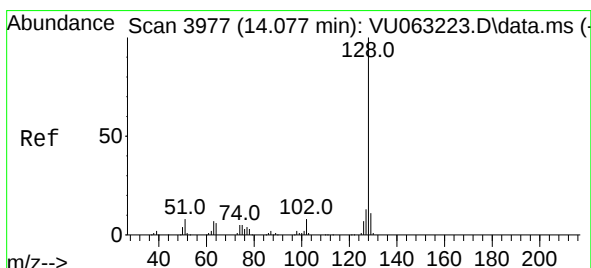
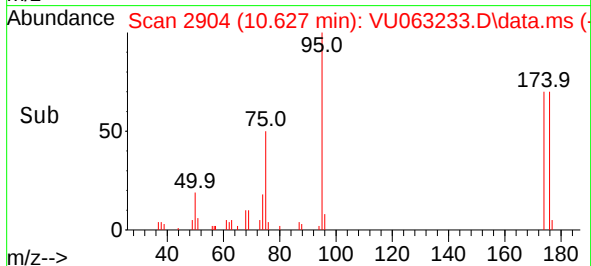
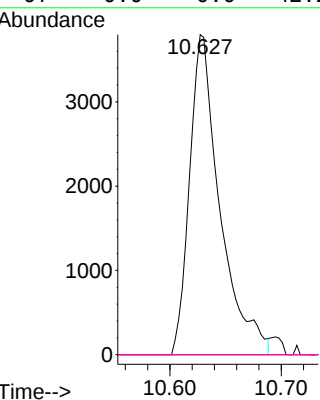
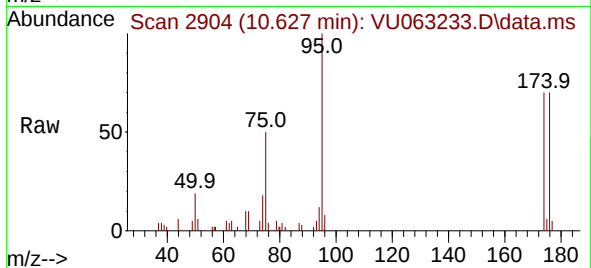
Ion Ratio Lower Upper

75 100

77 0.3 0.0 0.0#

110 0.0 0.0 77.0

97 0.0 0.0 42.2



#89

Naphthalene

Concen: 0.688 ug/l

RT: 14.125 min Scan# 3992

Delta R.T. 0.048 min

Lab File: VU063233.D

Acq: 11 Feb 2025 13:28

Tgt Ion:128 Resp: 946

Ion Ratio Lower Upper

128 100

127 4.5 10.6 16.0#

129 0.0 8.6 13.0#

