

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061603.D
 Acq On : 12 Nov 2024 14:44
 Operator : MD/SY
 Sample : P4635-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 05:07:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 05:00:10 2024
 Response via : Initial Calibration

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

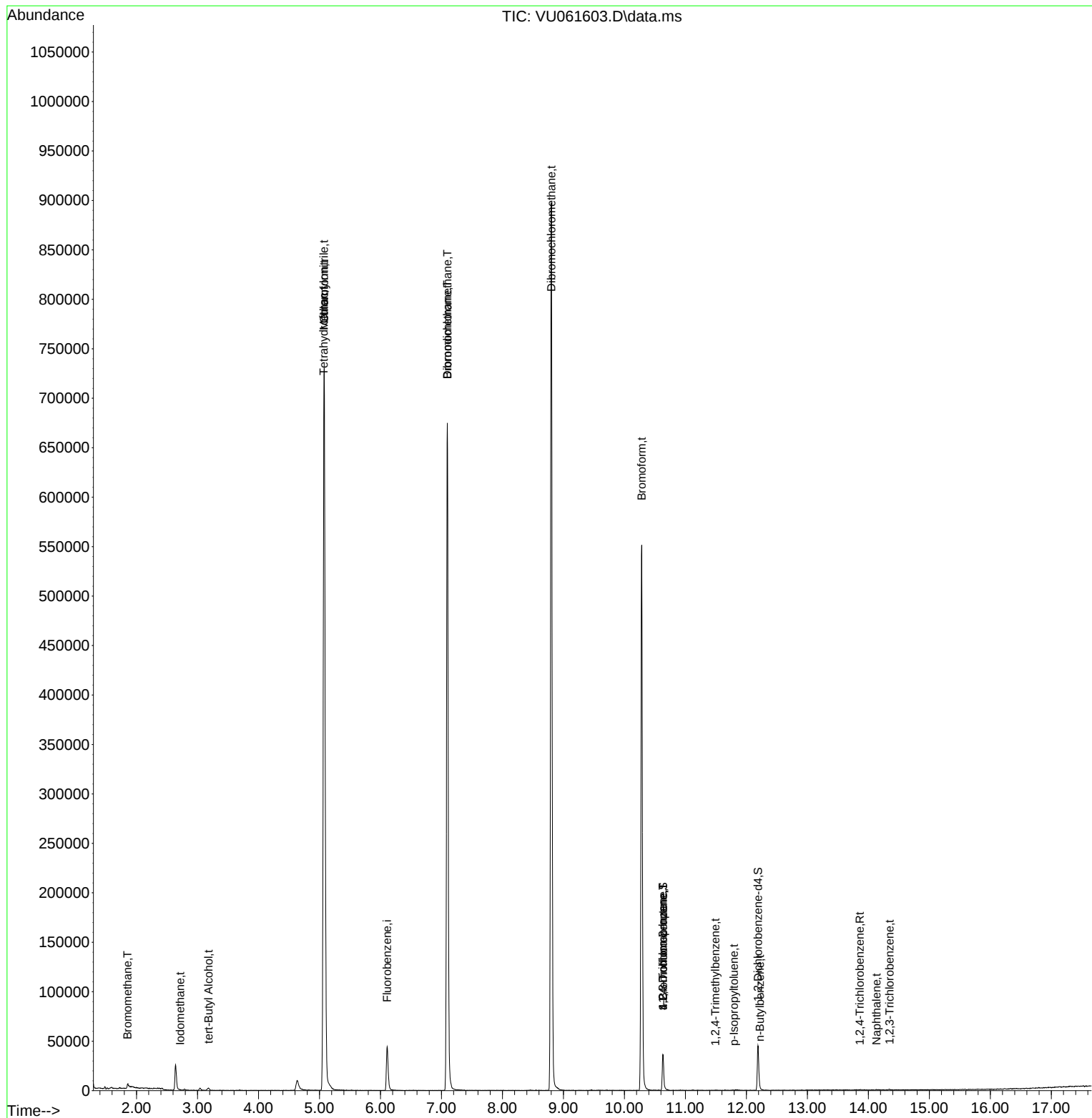
Internal Standards						
1) Fluorobenzene	6.110	96	44472	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	13989	0.907	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13735	0.894	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.853	94	1681	0.216	ug/l	94
10) Iodomethane	2.714	142	80	0.741	ug/l #	32
24) tert-Butyl Alcohol	3.181	59	1710	2.279	ug/l #	73
27) Chloroform	5.078	83	665759	30.690	ug/l	100
39) Methacrylonitrile	5.074	41	2029	0.771	ug/l #	16
41) Tetrahydrofuran	5.071	42	803	0.538	ug/l #	1
43) Dibromomethane	7.097	93	14249	2.233	ug/l #	5
44) Bromodichloromethane	7.097	83	443486	30.771	ug/l	99
46) t-1,4-Dichloro-2-butene	10.630	75	7215	2.221	ug/l #	31
55) Dibromochloromethane	8.801	129	467784	49.396	ug/l	100
67) Bromoform	10.283	173	247137	50.305	ug/l	100
71) 1,2,3-Trichloropropane	10.630	75	7215	0.832	ug/l #	50
78) 1,2,4-Trimethylbenzene	11.489	105	138	0.243	ug/l #	31
81) p-Isopropyltoluene	11.798	119	181	0.268	ug/l #	50
84) n-Butylbenzene	12.222	91	197	0.267	ug/l #	34
87) 1,2,4-Trichlorobenzene	13.859	180	294	0.460	ug/l #	85
89) Naphthalene	14.135	128	743	0.616	ug/l #	69
90) 1,2,3-Trichlorobenzene	14.347	180	384	0.479	ug/l #	69

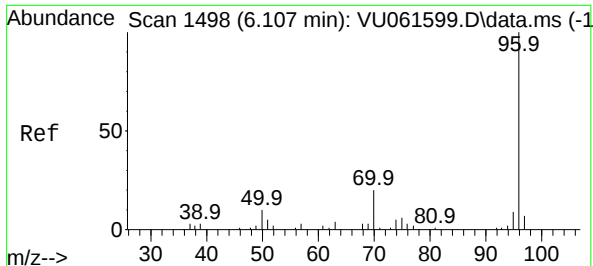
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
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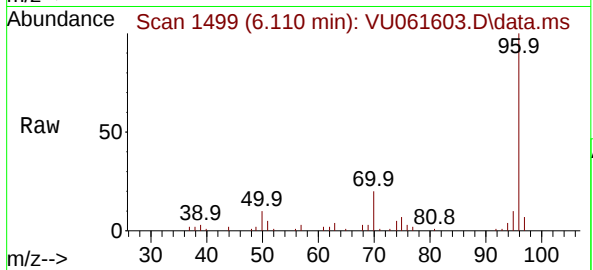
Quant Time: Nov 13 05:07:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Nov 13 05:00:10 2024
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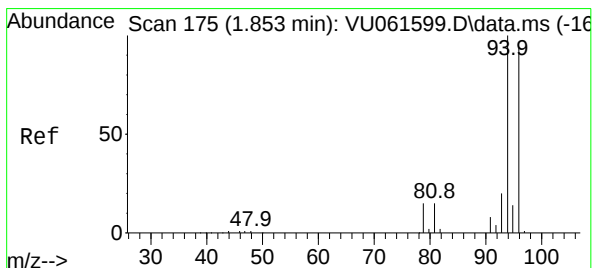
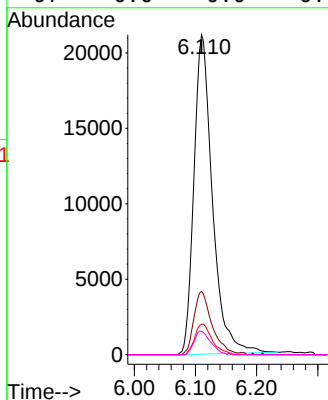
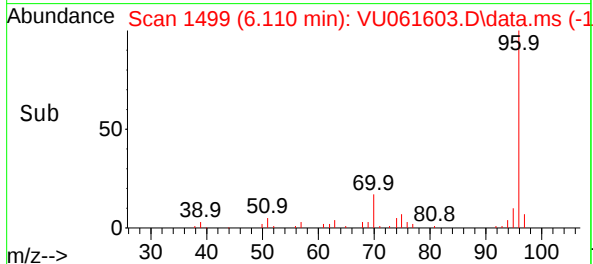
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 44472

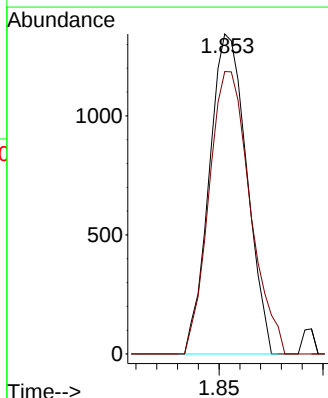
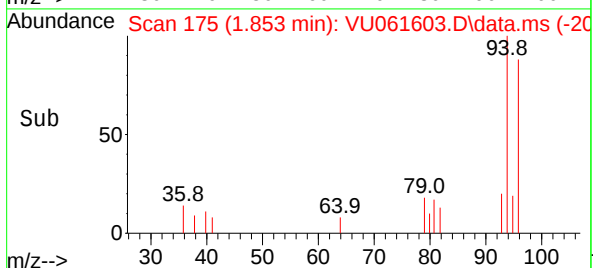
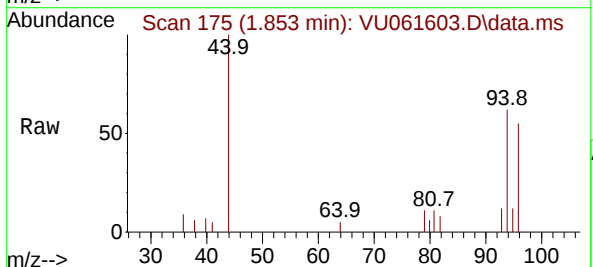
Ion	Ratio	Lower	Upper
96	100		
70	18.7	15.8	23.6
95	9.0	7.3	10.9
97	6.6	0.0	0.0

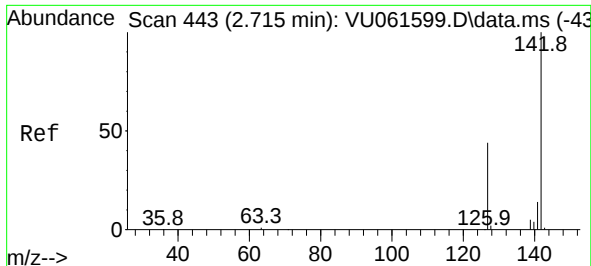


#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

Tgt Ion: 94 Resp: 1681

Ion	Ratio	Lower	Upper
94	100		
96	88.2	75.2	112.8





#10

Iodomethane

Concen: 0.741 ug/l

RT: 2.714 min Scan# 44

Delta R.T. -0.000 min

Lab File: VU061603.D

Acq: 12 Nov 2024 14:44

Instrument :

MSVOA_U

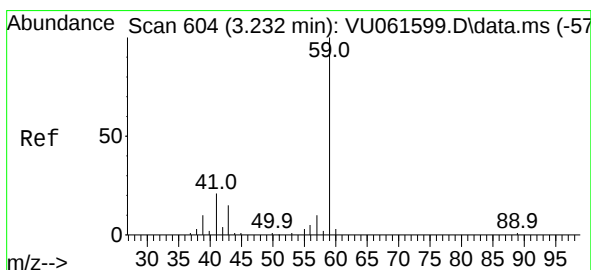
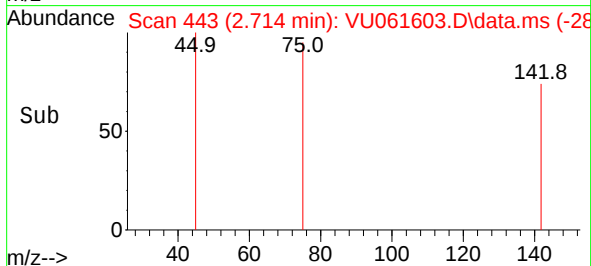
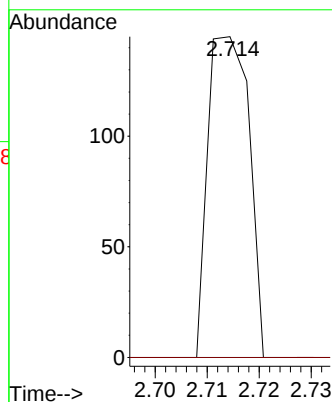
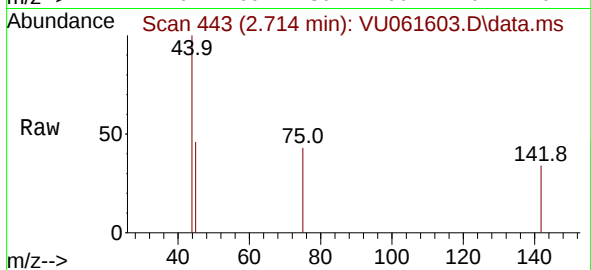
ClientSampleId :

Tgt Ion:142 Resp: 80

Ion Ratio Lower Upper

142 100

127 0.0 34.8 52.2#



#24

tert-Butyl Alcohol

Concen: 2.279 ug/l

RT: 3.181 min Scan# 588

Delta R.T. -0.052 min

Lab File: VU061603.D

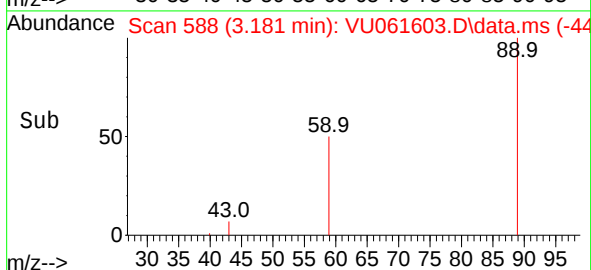
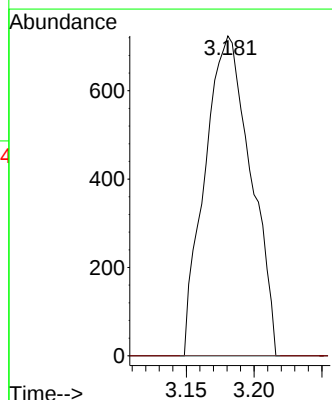
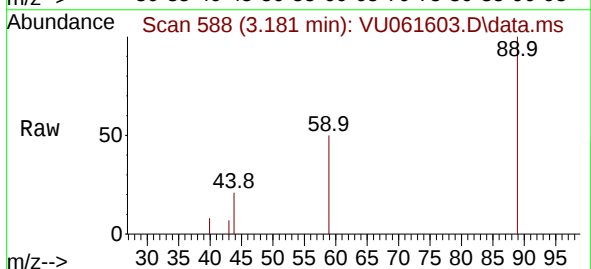
Acq: 12 Nov 2024 14:44

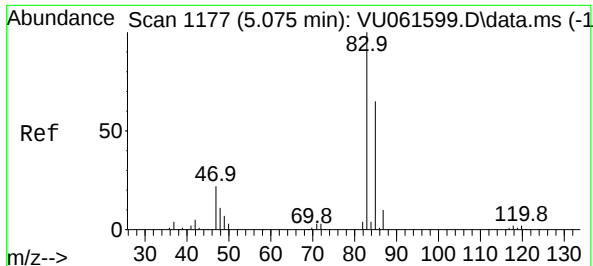
Tgt Ion: 59 Resp: 1710

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#

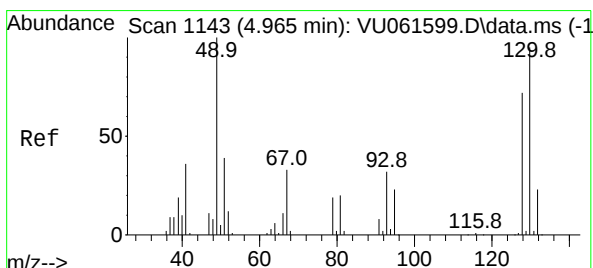
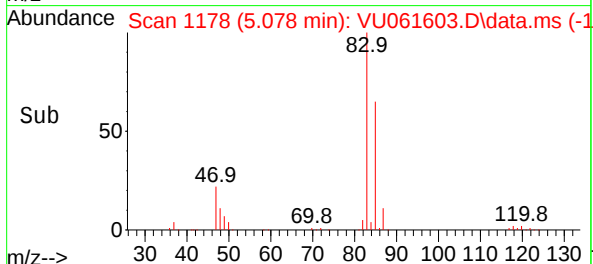
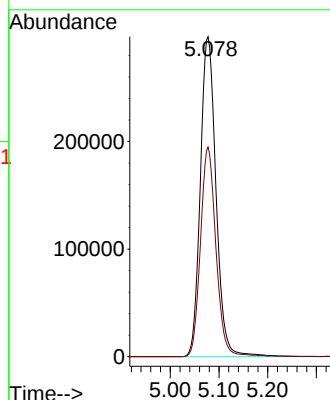
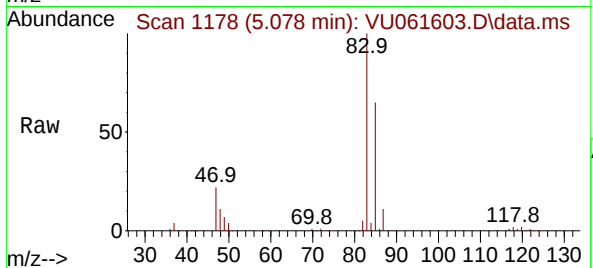




#27
Chloroform
Concen: 30.690 ug/l
RT: 5.078 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

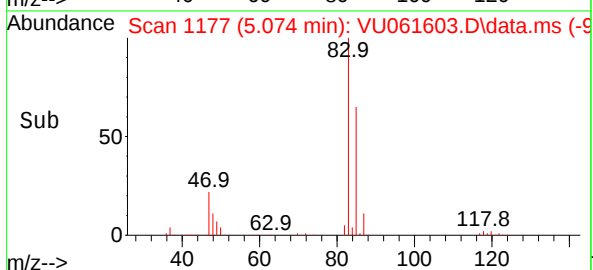
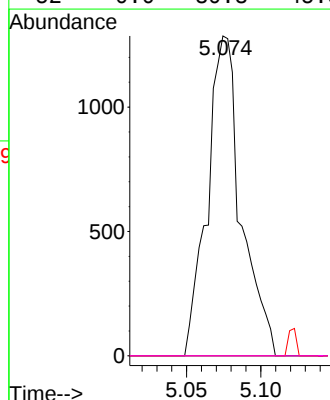
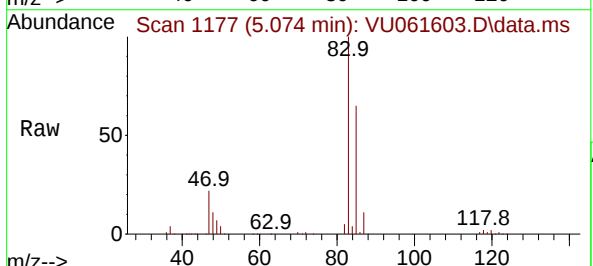
Instrument :
MSVOA_U
ClientSampleId :

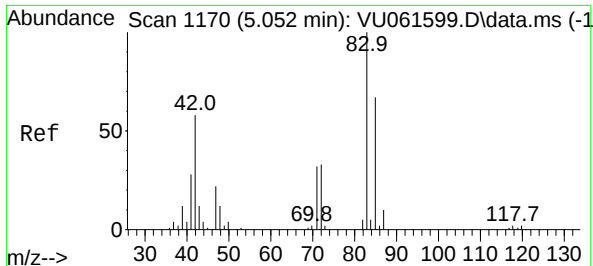
Tgt Ion: 83 Resp: 665759
Ion Ratio Lower Upper
83 100
85 65.5 0.0 130.6



#39
Methacrylonitrile
Concen: 0.771 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. 0.109 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

Tgt Ion: 41 Resp: 2029
Ion Ratio Lower Upper
41 100
67 0.0 77.6 116.4#
39 2.0 43.9 65.9#
52 0.0 30.3 45.5#

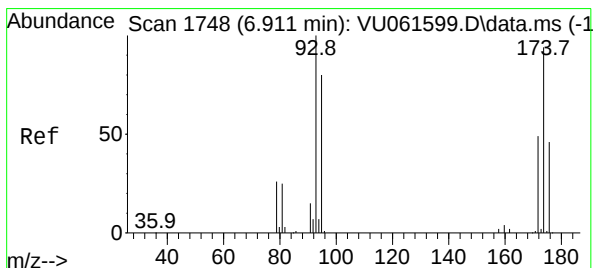
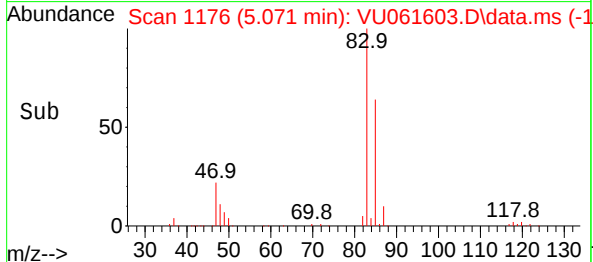
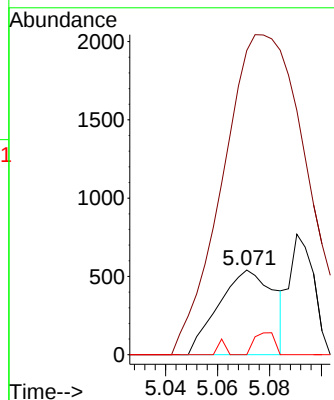
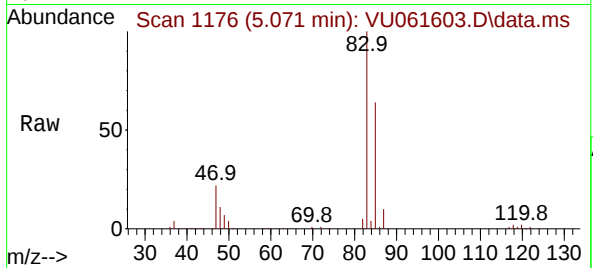




#41
Tetrahydrofuran
Concen: 0.538 ug/l
RT: 5.071 min Scan# 1170
Delta R.T. 0.019 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

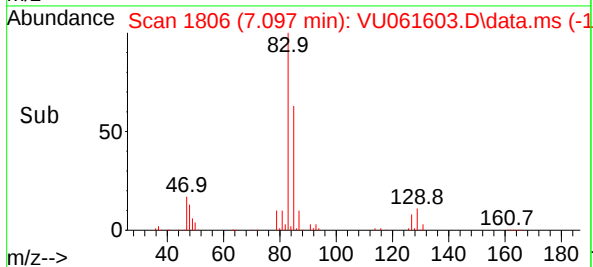
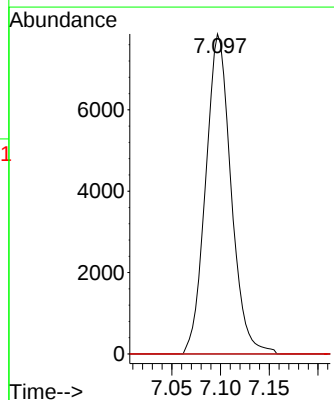
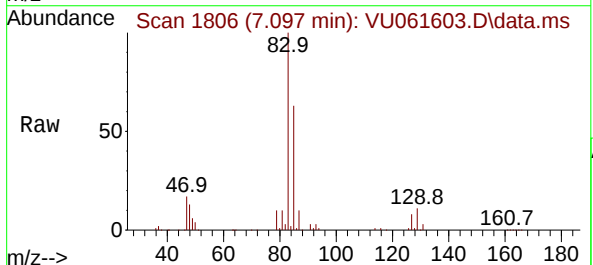
Instrument :
MSVOA_U
ClientSampleId :

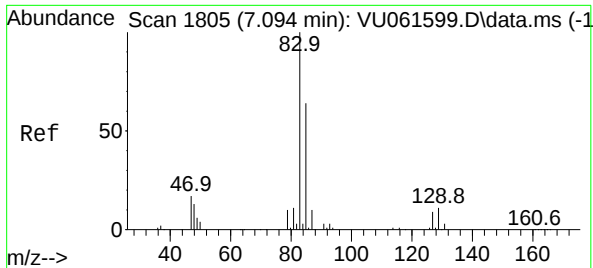
Tgt Ion: 42 Resp: 803
Ion Ratio Lower Upper
42 100
72 576.7 49.1 73.7#
71 9.5 40.2 60.4#



#43
Dibromomethane
Concen: 2.233 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.186 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

Tgt Ion: 93 Resp: 14249
Ion Ratio Lower Upper
93 100
95 0.0 65.2 97.8#
174 0.1 75.3 112.9#

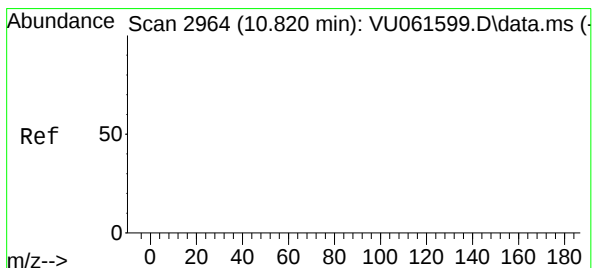
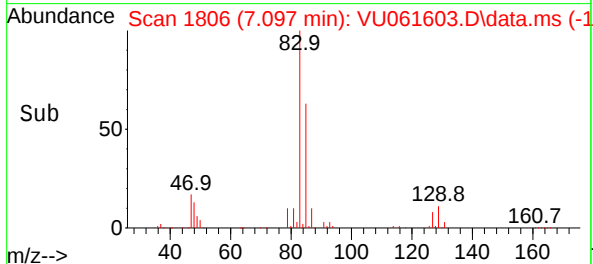
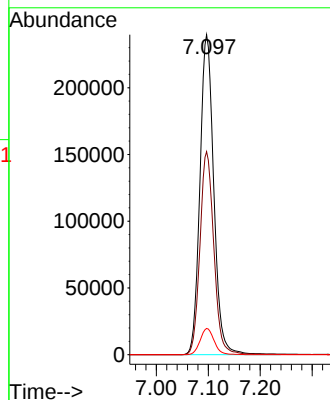
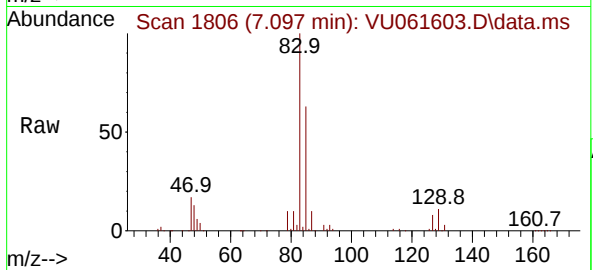




#44
Bromodichloromethane
Concen: 30.771 ug/l
RT: 7.097 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

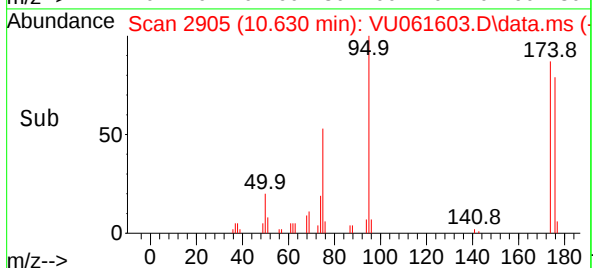
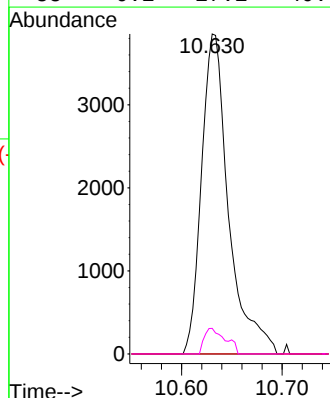
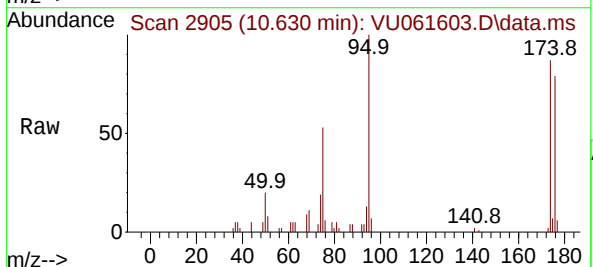
Instrument :
MSVOA_U
ClientSampleId :

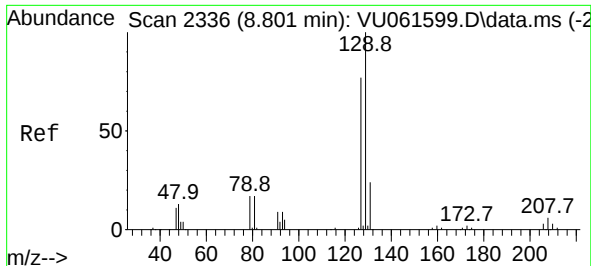
Tgt Ion: 83 Resp: 443486
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0
127 8.2 7.2 10.8



#46
t-1,4-Dichloro-2-butene
Concen: 2.221 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.190 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

Tgt Ion: 75 Resp: 7215
Ion Ratio Lower Upper
75 100
53 0.0 50.7 76.1#
89 0.0 35.2 52.8#
88 6.2 27.2 40.8#





#55

Dibromochloromethane

Concen: 49.396 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061603.D

Acq: 12 Nov 2024 14:44

Instrument :

MSVOA_U

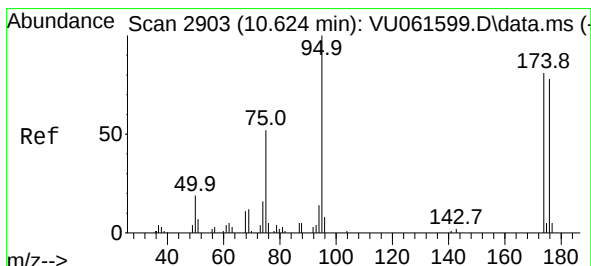
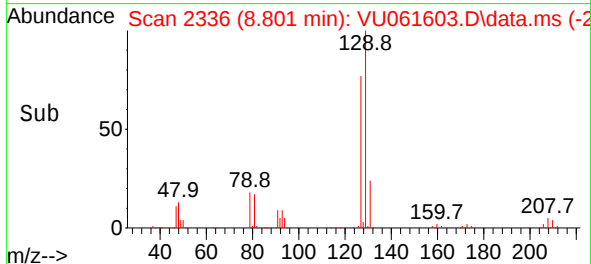
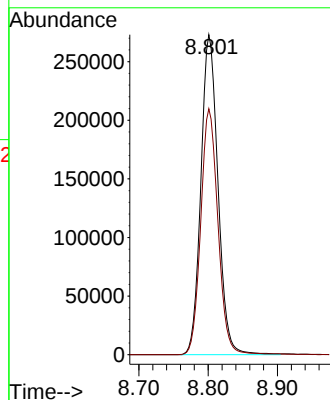
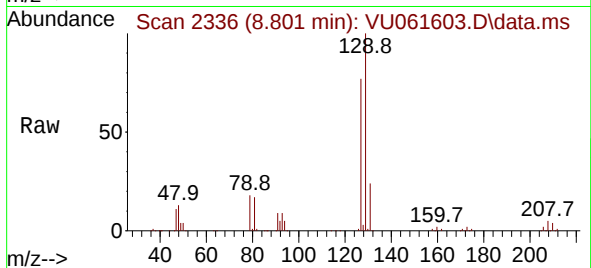
ClientSampleId :

Tgt Ion:129 Resp: 467784

Ion Ratio Lower Upper

129 100

127 77.3 61.8 92.8



#57

4-Bromofluorobenzene

Concen: 0.907 ug/l

RT: 10.634 min Scan# 2906

Delta R.T. 0.009 min

Lab File: VU061603.D

Acq: 12 Nov 2024 14:44

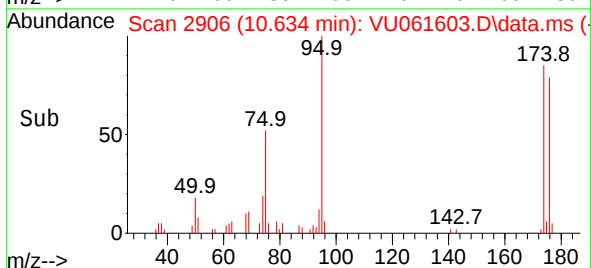
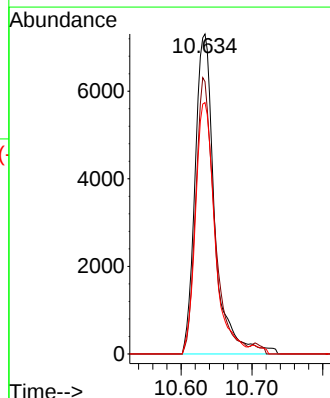
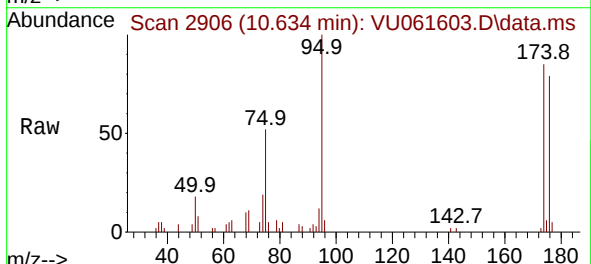
Tgt Ion: 95 Resp: 13989

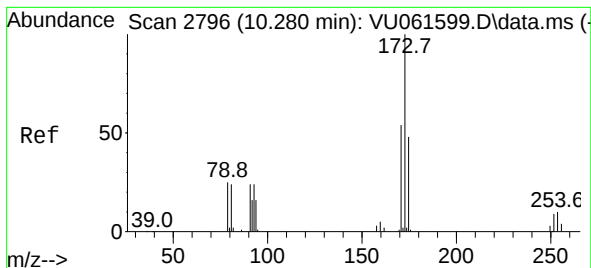
Ion Ratio Lower Upper

95 100

174 83.5 67.5 101.3

176 78.1 62.7 94.1





#67

Bromoform

Concen: 50.305 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061603.D

Acq: 12 Nov 2024 14:44

Instrument :

MSVOA_U

ClientSampleId :

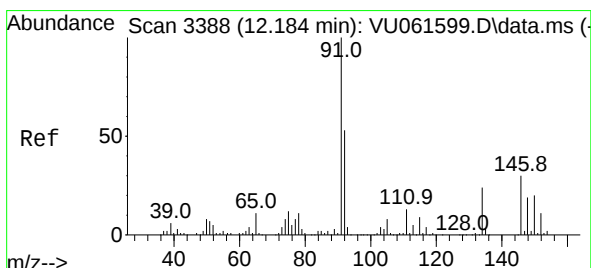
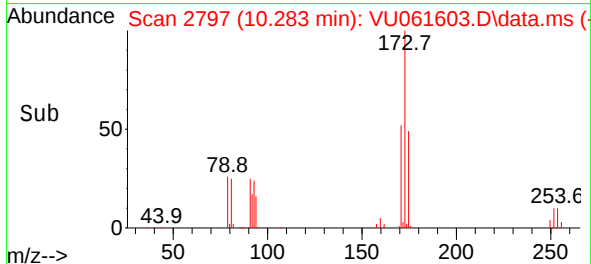
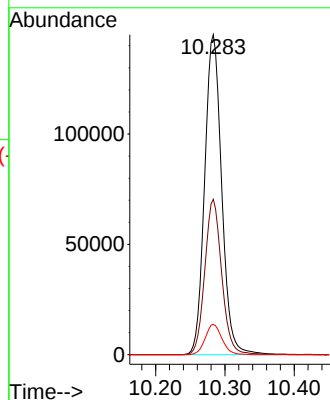
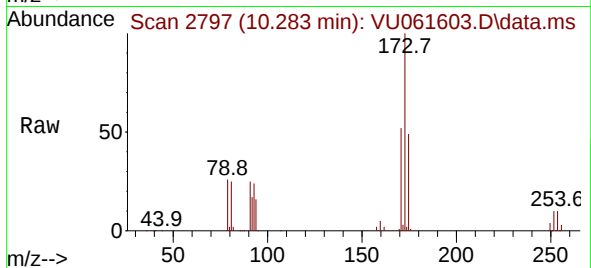
Tgt Ion:173 Resp: 247137

Ion Ratio Lower Upper

173 100

175 48.1 38.4 57.6

254 9.3 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.894 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU061603.D

Acq: 12 Nov 2024 14:44

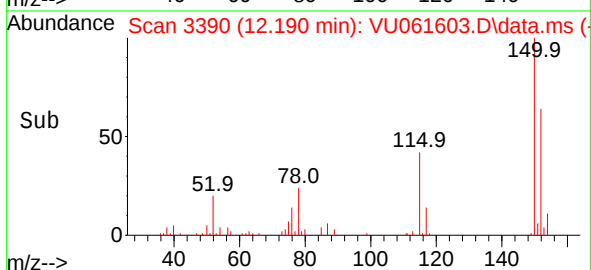
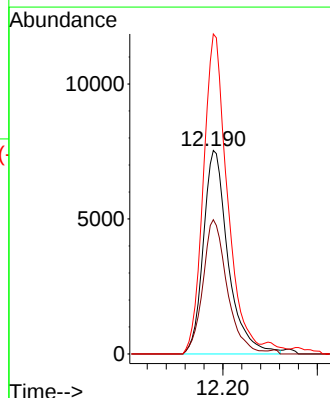
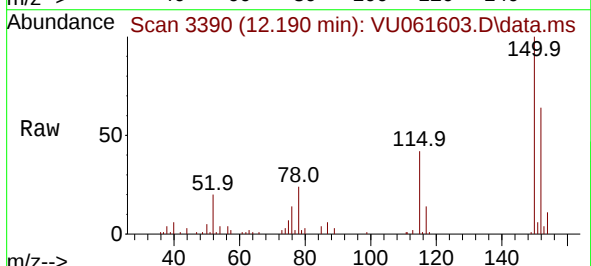
Tgt Ion:152 Resp: 13735

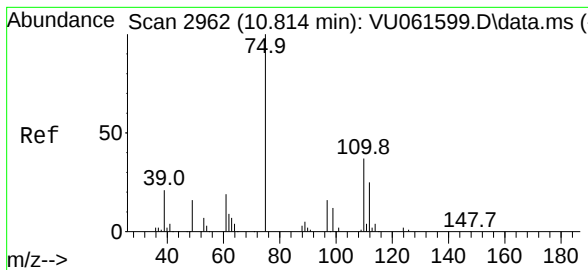
Ion Ratio Lower Upper

152 100

115 64.5 0.0 259.0

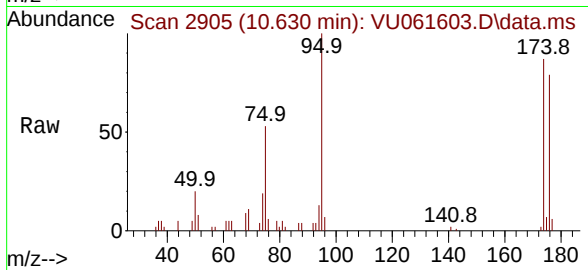
150 152.2 0.0 650.2



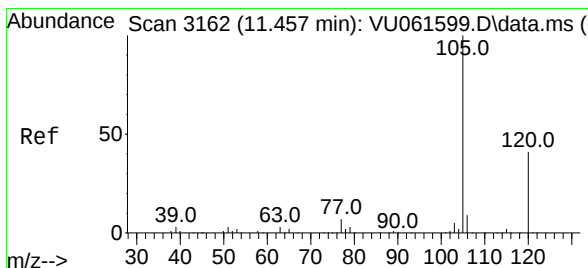
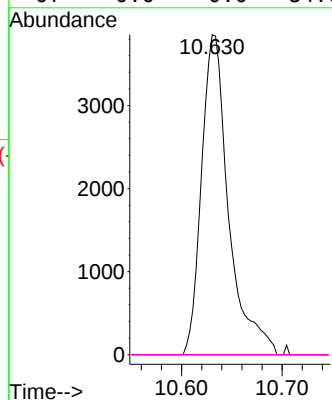
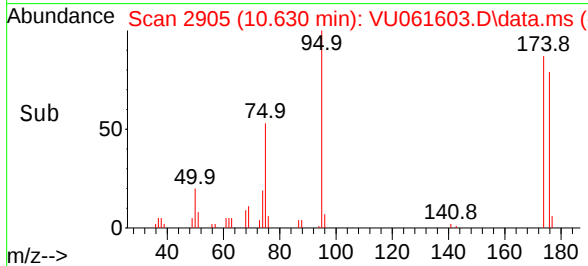


#71
1,2,3-Trichloropropane
Concen: 0.832 ug/l
RT: 10.630 min Scan# 2962
Delta R.T. -0.184 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

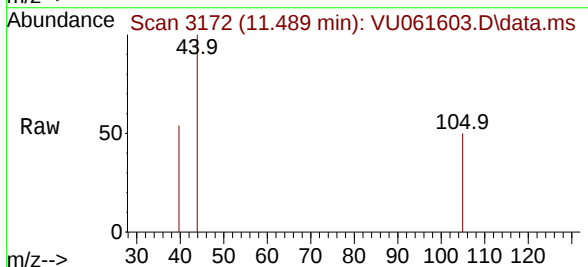
Instrument :
MSVOA_U
ClientSampleId :



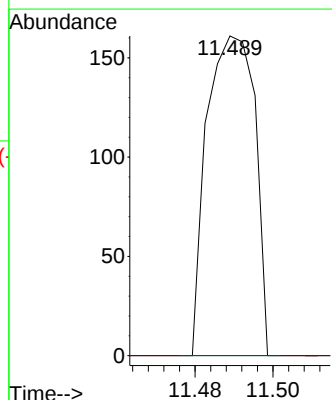
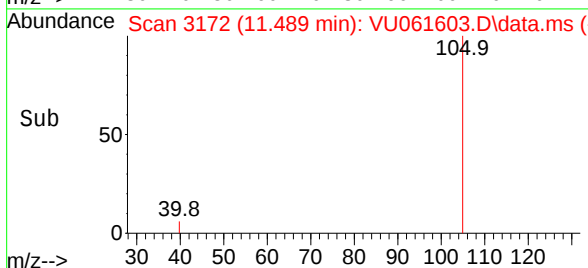
Tgt Ion: 75 Resp: 7215
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#
110 0.0 0.0 61.6
97 0.0 0.0 34.6

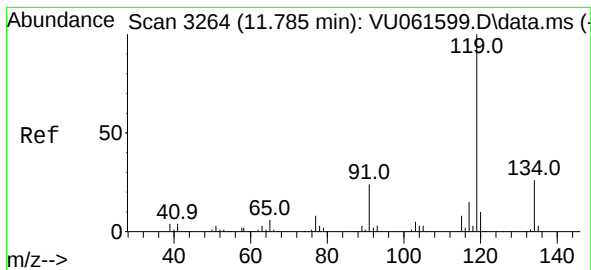


#78
1,2,4-Trimethylbenzene
Concen: 0.243 ug/l
RT: 11.489 min Scan# 3172
Delta R.T. 0.032 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44



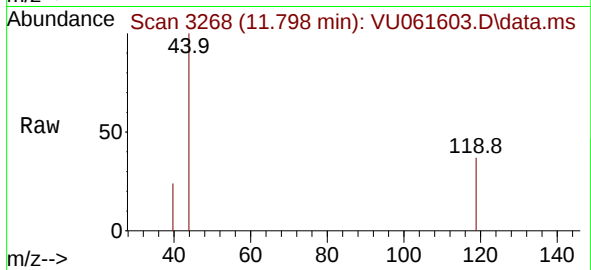
Tgt Ion: 105 Resp: 138
Ion Ratio Lower Upper
105 100
120 0.0 22.7 68.0#



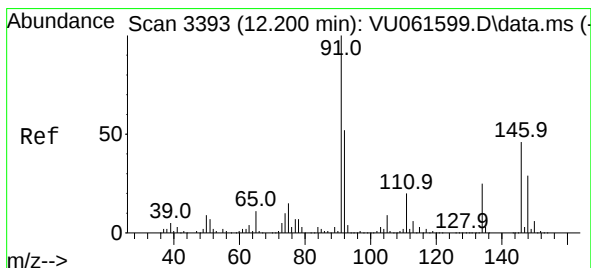
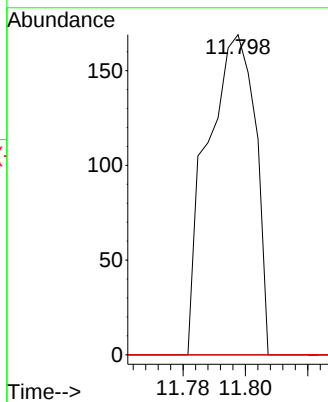
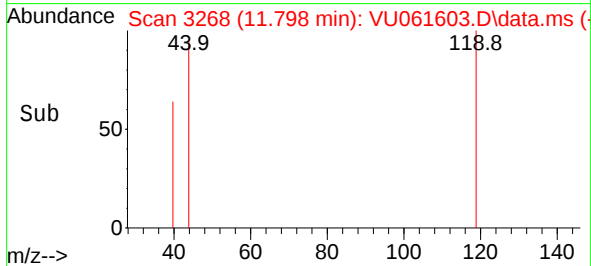


#81
p-Isopropyltoluene
Concen: 0.268 ug/l
RT: 11.798 min Scan# 31
Delta R.T. 0.013 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

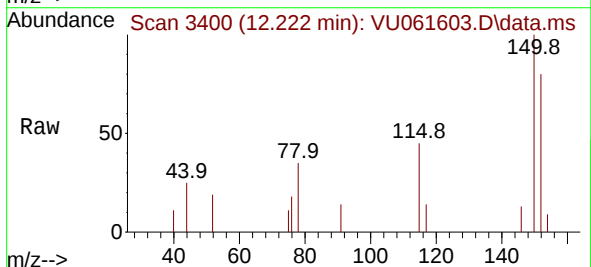
Instrument :
MSVOA_U
ClientSampleId :



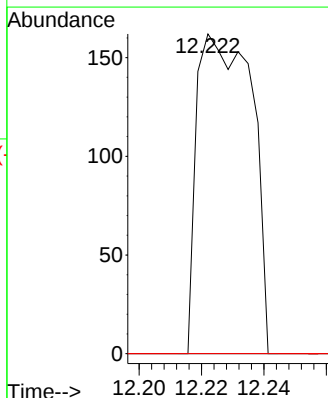
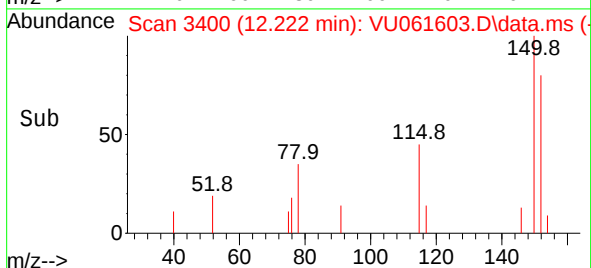
Tgt Ion:119 Resp: 181
Ion Ratio Lower Upper
119 100
134 0.0 20.9 31.3#
91 0.0 18.8 28.2#

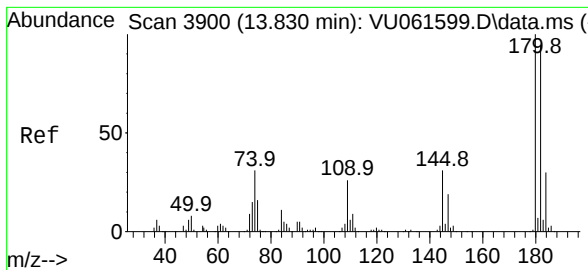


#84
n-Butylbenzene
Concen: 0.267 ug/l
RT: 12.222 min Scan# 3400
Delta R.T. 0.022 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44



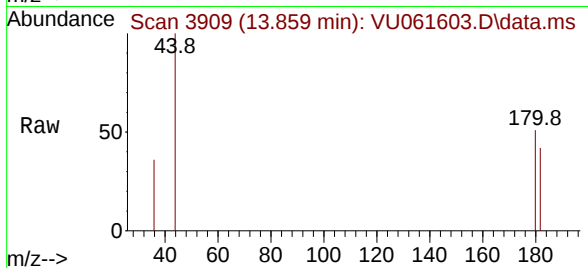
Tgt Ion: 91 Resp: 197
Ion Ratio Lower Upper
91 100
92 0.0 41.8 62.6#
134 0.0 20.2 30.4#



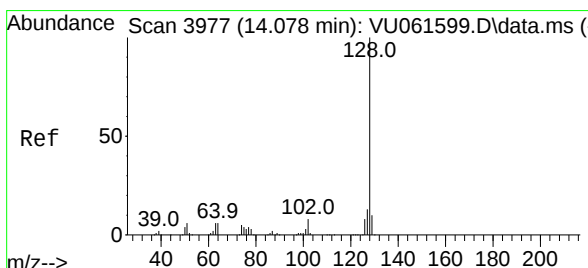
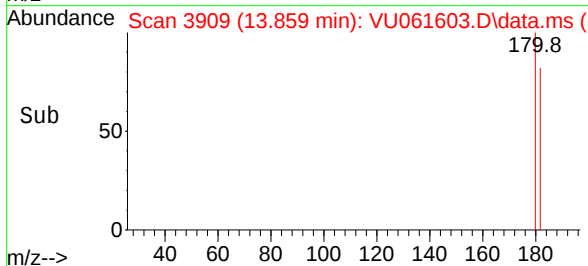
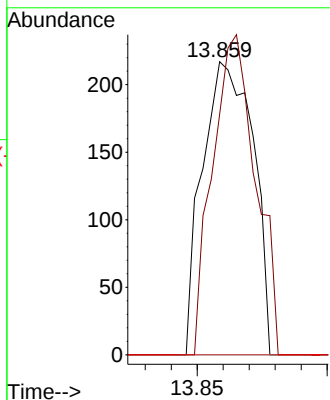


#87
1,2,4-Trichlorobenzene
Concen: 0.460 ug/l
RT: 13.859 min Scan# 3909
Delta R.T. 0.029 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

Instrument :
MSVOA_U
ClientSampleId :

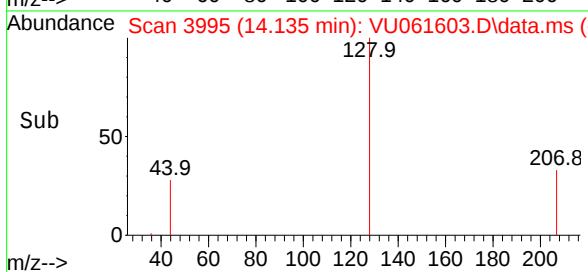
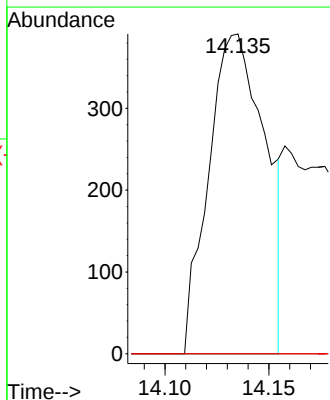
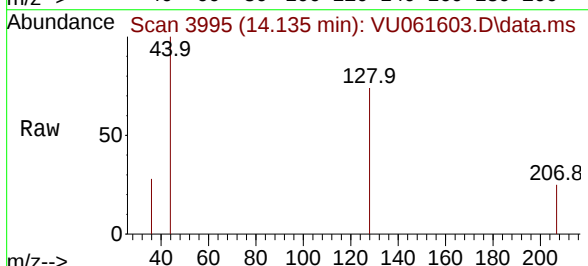


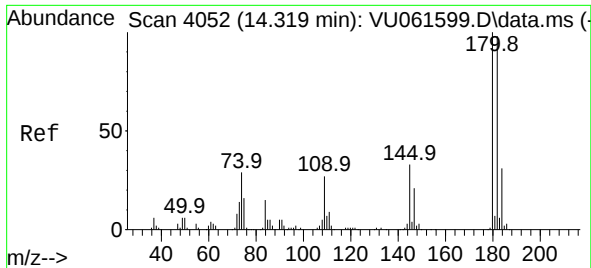
Tgt Ion:180 Resp: 294
Ion Ratio Lower Upper
180 100
182 92.5 75.3 112.9
145 0.0 24.3 36.5#



#89
Naphthalene
Concen: 0.616 ug/l
RT: 14.135 min Scan# 3995
Delta R.T. 0.058 min
Lab File: VU061603.D
Acq: 12 Nov 2024 14:44

Tgt Ion:128 Resp: 743
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 12.8#





#90

1,2,3-Trichlorobenzene

Concen: 0.479 ug/l

RT: 14.347 min Scan# 40

Delta R.T. 0.029 min

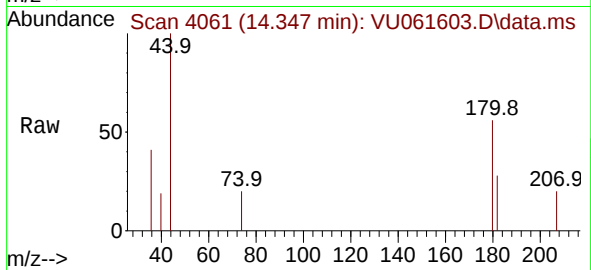
Lab File: VU061603.D

Acq: 12 Nov 2024 14:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 384

Ion Ratio Lower Upper

180 100

182 75.8 77.9 116.9#

145 0.0 25.9 38.9#

