

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060324.D
 Acq On : 06 Aug 2024 15:49
 Operator : MD/SY
 Sample : P3204-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 07:02:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	32423	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12653	1.145	ug/l	0.00
Spiked Amount	1.000		Recovery	=	115.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13954	1.163	ug/l	0.00
Spiked Amount	1.000		Recovery	=	116.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.518	50	256566	17.994	ug/l	100
5) Bromomethane	1.853	94	382146	43.631	ug/l	99
12) Acrylonitrile	3.354	53	7385	2.916	ug/l	# 30
15) Methylene Chloride	3.036	84	12320	1.015	ug/l	93
17) 1,1-Dichloroethane	3.859	63	192332	9.632	ug/l	98
18) 2-Butanone	4.653	43	2363	0.665	ug/l	75
21) 2,2-Dichloropropane	4.656	77	239518	15.402	ug/l	97
22) cis-1,2-Dichloroethene	4.656	96	2851	0.256	ug/l	# 1
24) tert-Butyl Alcohol	3.184	59	2888	2.935	ug/l	# 83
25) Methyl tert-Butyl Ether	3.357	73	621478	26.117	ug/l	98
26) Bromochloromethane	4.968	128	63273	13.430	ug/l	91
29) 1,1-Dichloropropene	5.521	75	146301	11.249	ug/l	99
37) Trichloroethene	6.540	130	4439	0.447	ug/l	89
43) Dibromomethane	6.910	93	115948	21.142	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	133474	46.256	ug/l	# 24
50) t-1,3-Dichloropropene	8.203	75	190160	17.493	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	92051	7.039	ug/l	98
53) 1,3-Dichloropropane	8.569	76	277623	21.613	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	201686	21.277	ug/l	98
61) Pentachloroethane	11.412	117	29483	3.642	ug/l	# 12
63) Ethyl Benzene	9.691	91	315	0.505	ug/l	98
64) m/p-Xylenes	9.708	106	187	0.908	ug/l	76
66) Styrene	10.119	104	855	0.498	ug/l	# 25
69) Isopropylbenzene	10.479	105	511801	11.223	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	216972	20.254	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	133474	16.822	ug/l	85
72) Bromobenzene	10.778	156	35795	3.623	ug/l	94
73) n-propylbenzene	10.900	120	186352	14.100	ug/l	98
74) 2-Chlorotoluene	10.981	126	212099	18.177	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	264848	6.702	ug/l	100
76) 4-Chlorotoluene	11.090	126	110238	9.160	ug/l	92
77) tert-Butylbenzene	11.415	119	575118	14.820	ug/l	90
78) 1,2,4-Trimethylbenzene	11.463	105	667170	15.524	ug/l	99
79) sec-Butylbenzene	11.637	105	697149	13.152	ug/l	100
81) p-Isopropyltoluene	11.788	119	504181	11.488	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	396786	19.251	ug/l	99
83) 1,4-Dichlorobenzene	11.740	146	396786	19.392	ug/l	99
84) n-Butylbenzene	12.203	91	640067	14.950	ug/l	99
88) Hexachlorobutadiene	14.016	225	57863	7.848	ug/l	99
89) Naphthalene	14.080	128	655519	32.494	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	631110	56.694	ug/l	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration

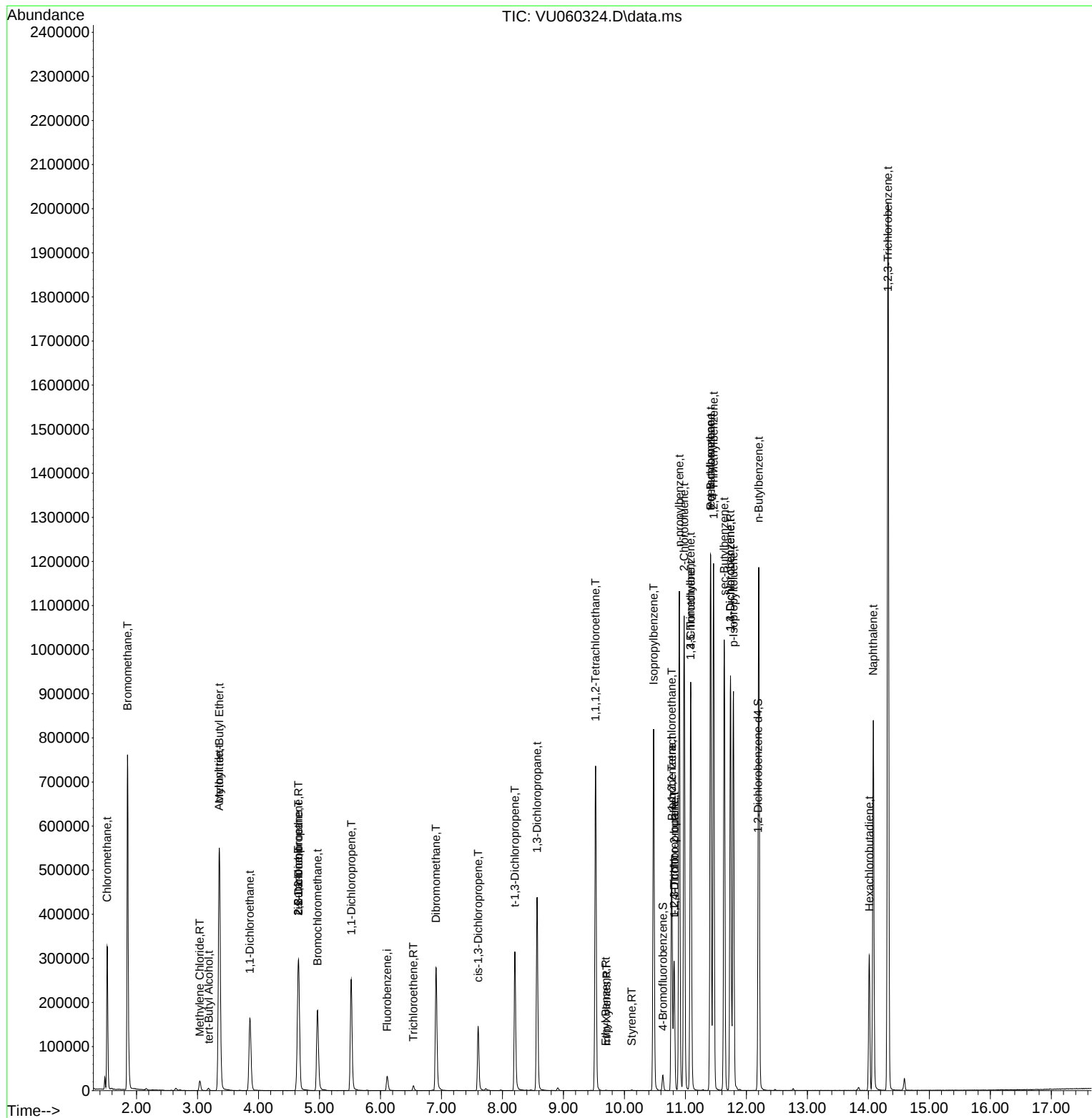
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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QLast Update : Tue Aug 06 11:07:28 2024
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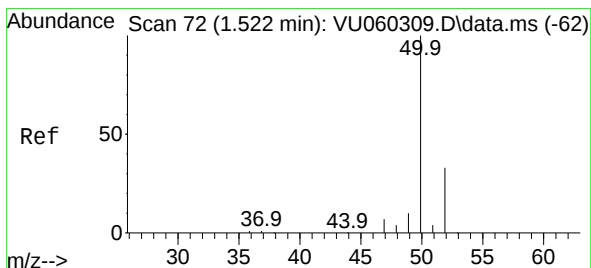
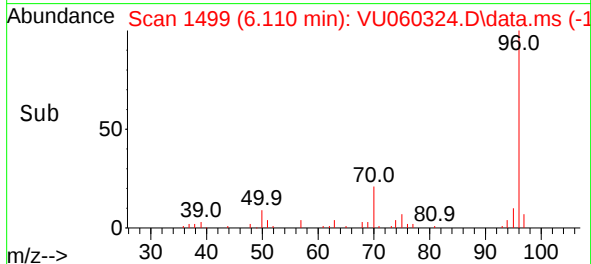
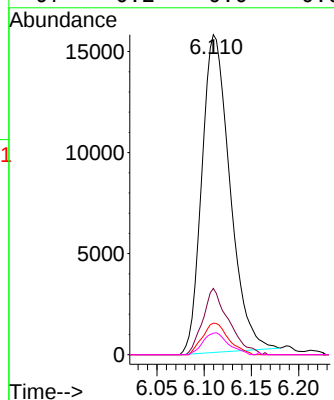
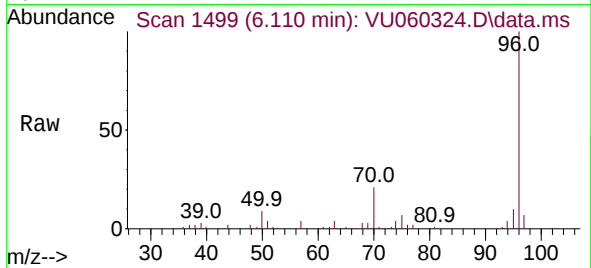




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

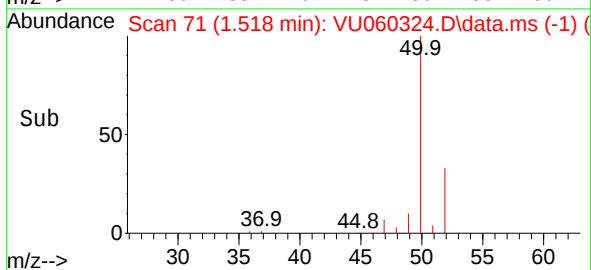
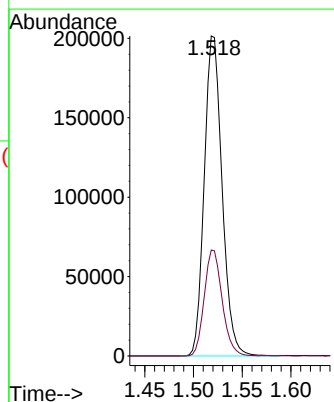
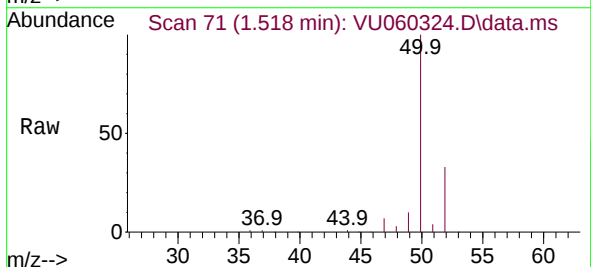
Instrument :
MSVOA_U
ClientSampleId :

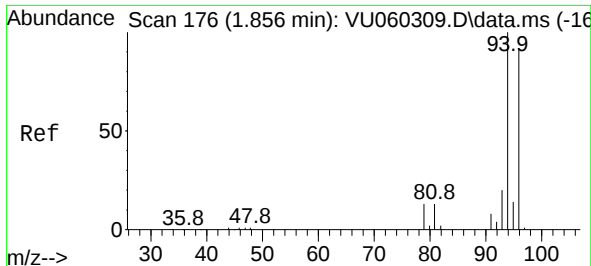
Tgt Ion: 96 Resp: 32423
Ion Ratio Lower Upper
96 100
70 19.2 17.2 25.8
95 9.2 7.9 11.9
97 6.2 0.0 0.0#



#3
Chloromethane
Concen: 17.994 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

Tgt Ion: 50 Resp: 256566
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

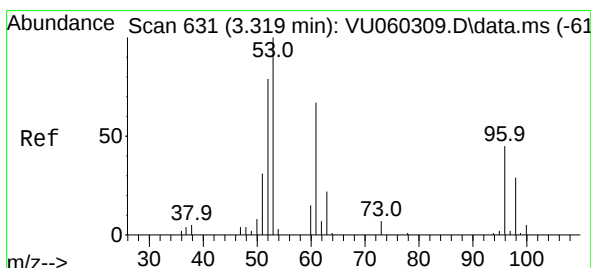
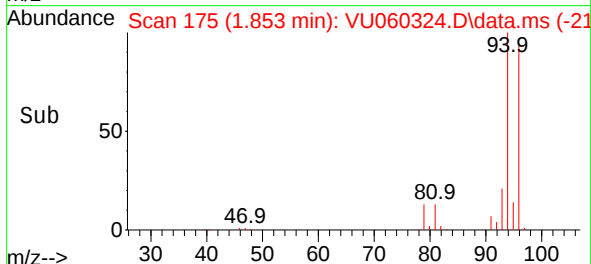
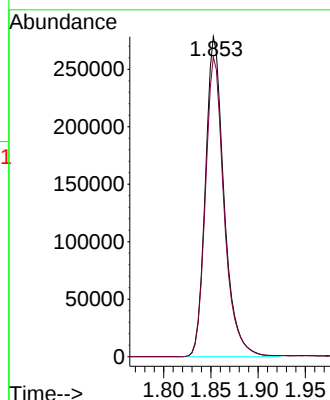
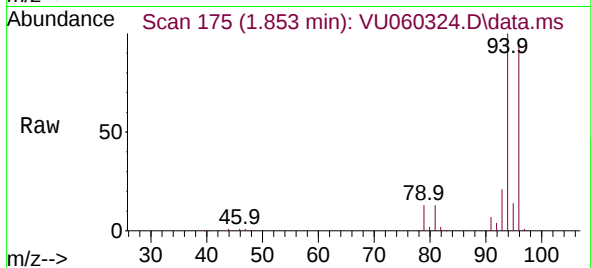




#5
Bromomethane
Concen: 43.631 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

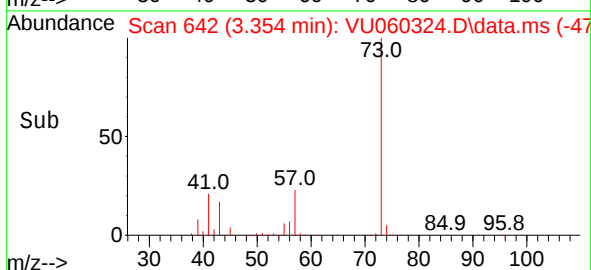
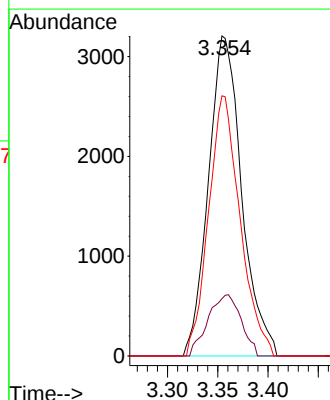
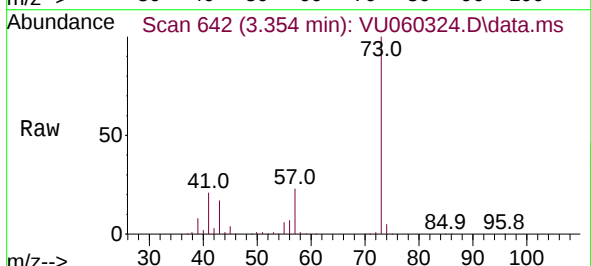
Instrument :
MSVOA_U
ClientSampleId :

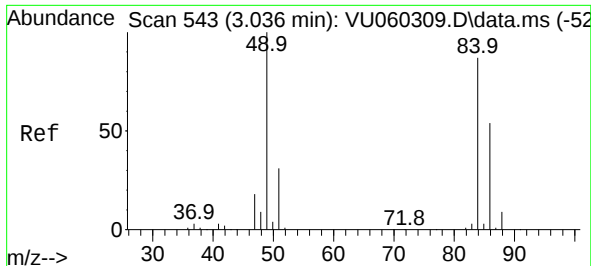
Tgt Ion: 94 Resp: 382146
Ion Ratio Lower Upper
94 100
96 93.7 73.8 110.8



#12
Acrylonitrile
Concen: 2.916 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.035 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

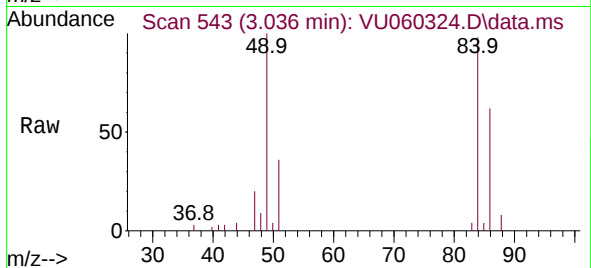
Tgt Ion: 53 Resp: 7385
Ion Ratio Lower Upper
53 100
52 19.0 63.7 95.5#
51 77.0 28.2 42.4#





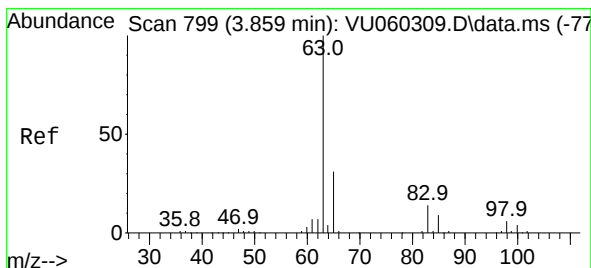
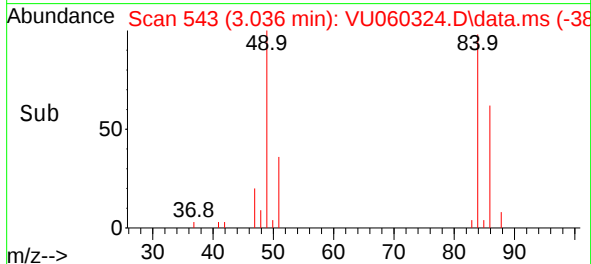
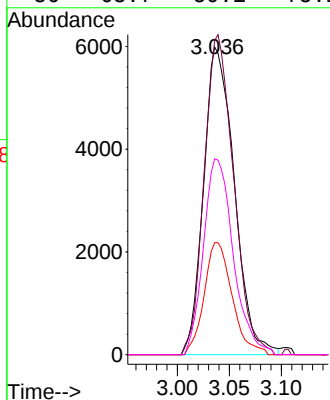
#15
Methylene Chloride
Concen: 1.015 ug/l
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 12320

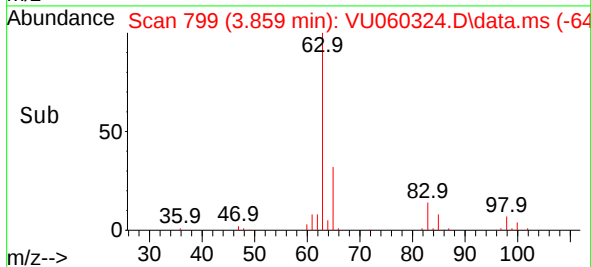
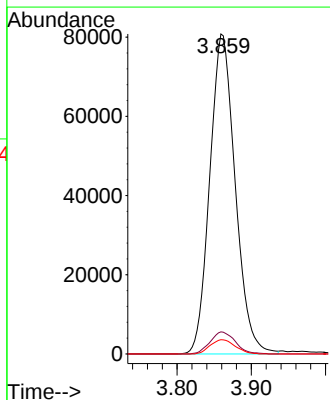
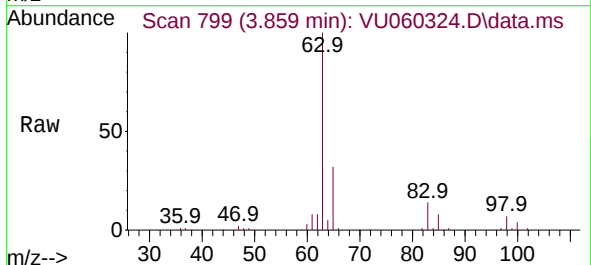
Ion	Ratio	Lower	Upper
84	100		
49	102.2	92.1	138.1
51	36.4	0.0	72.4
86	63.7	50.1	75.1

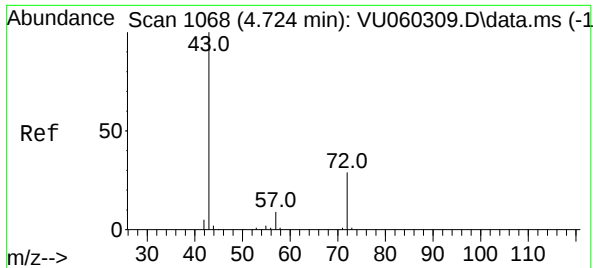


#17
1,1-Dichloroethane
Concen: 9.632 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

Tgt Ion: 63 Resp: 192332

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.1	9.4
100	4.4	2.0	5.8

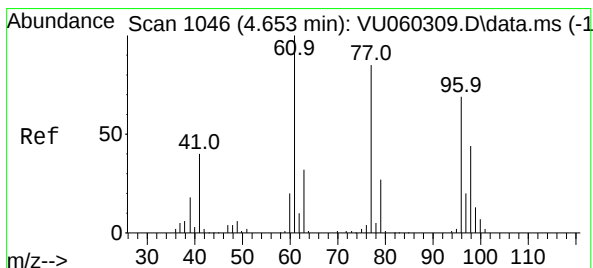
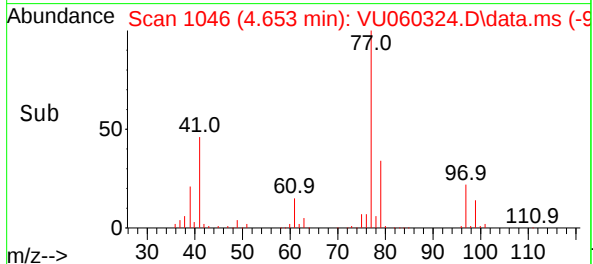
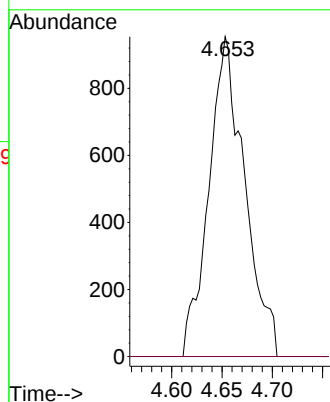
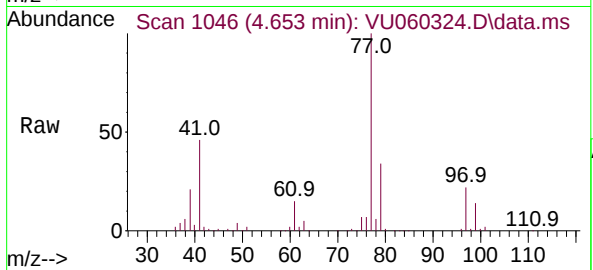




#18
2-Butanone
Concen: 0.665 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.071 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

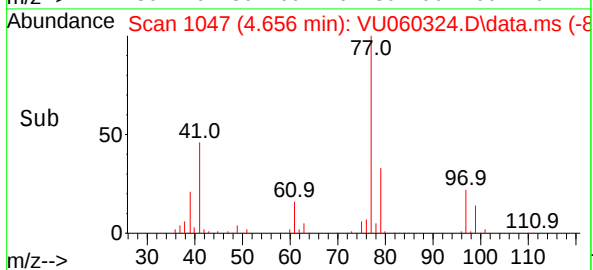
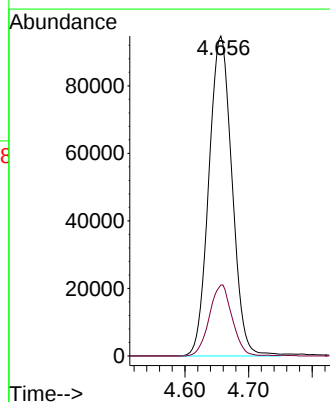
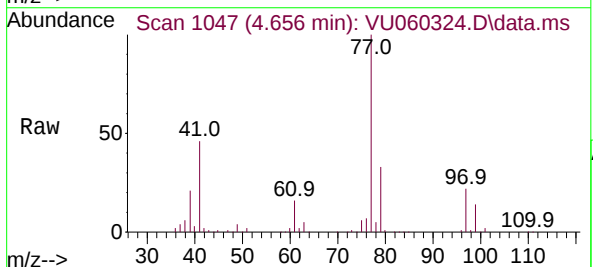
Instrument :
MSVOA_U
ClientSampleId :

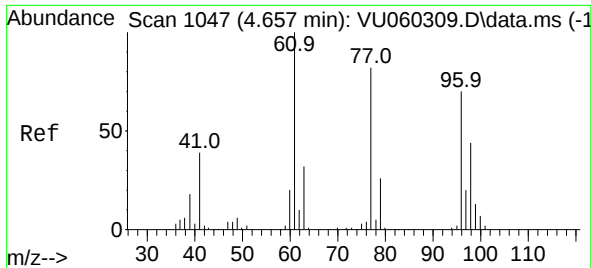
Tgt Ion: 43 Resp: 2363
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.4



#21
2,2-Dichloropropane
Concen: 15.402 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

Tgt Ion: 77 Resp: 239518
Ion Ratio Lower Upper
77 100
97 21.9 18.6 27.8





#22

cis-1,2-Dichloroethene

Concen: 0.256 ug/l

RT: 4.656 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060324.D

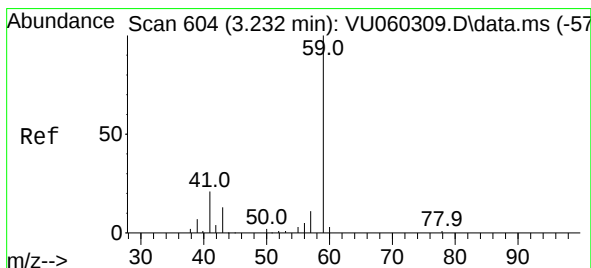
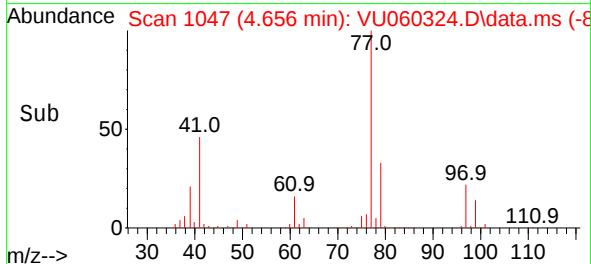
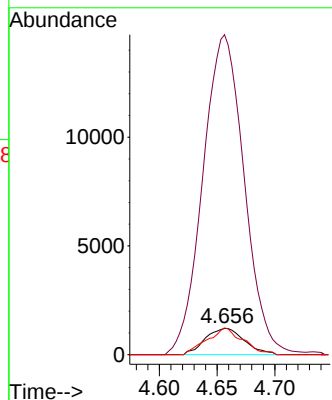
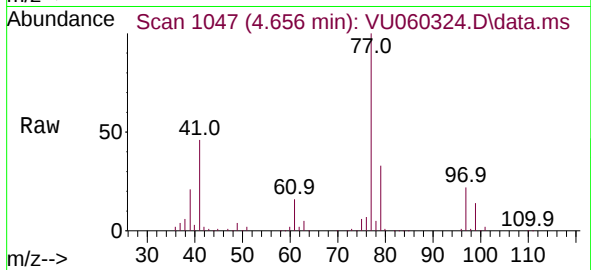
Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96	Resp: 2851
Ion Ratio	Lower Upper
96	100
61	1287.6 0.0 372.8#
98	93.6 31.8 95.4



#24

tert-Butyl Alcohol

Concen: 2.935 ug/l

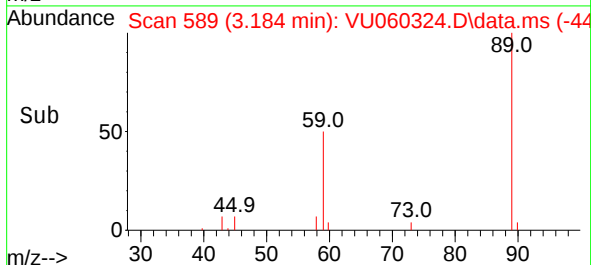
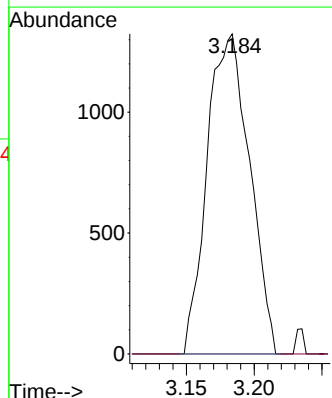
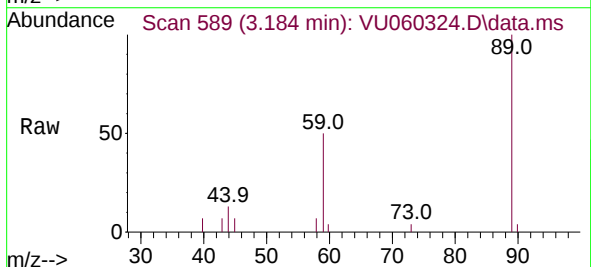
RT: 3.184 min Scan# 589

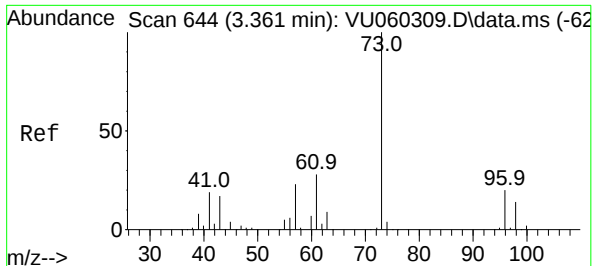
Delta R.T. -0.048 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Tgt Ion: 59	Resp: 2888
Ion Ratio	Lower Upper
59	100
57	0.0 4.5 6.7#

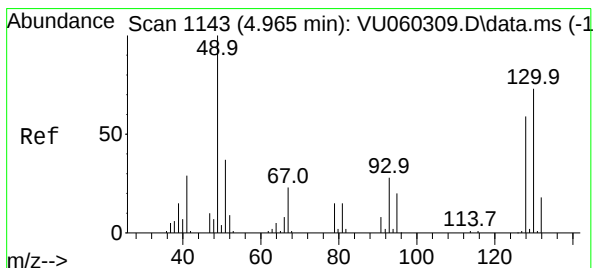
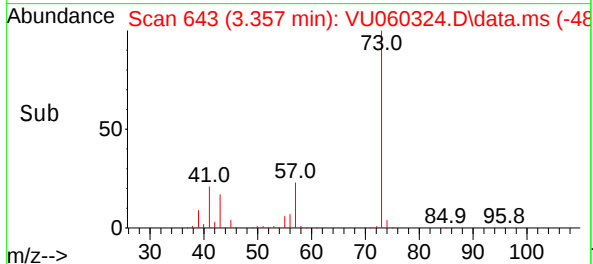
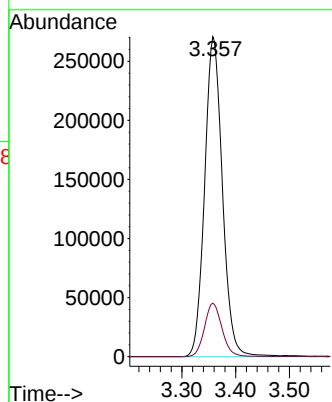
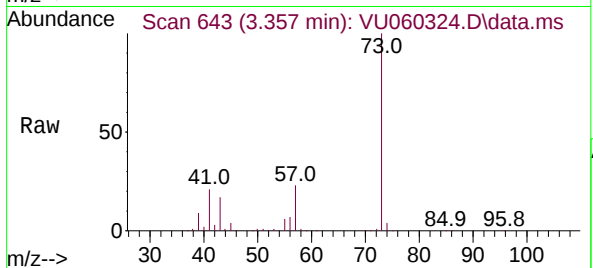




#25
Methyl tert-Butyl Ether
Concen: 26.117 ug/l
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

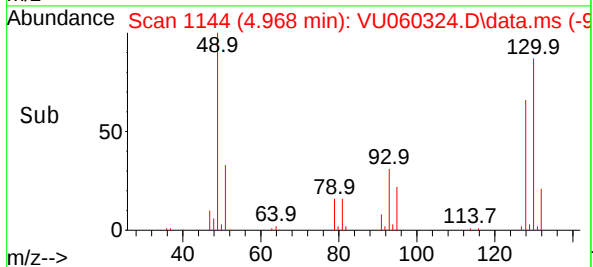
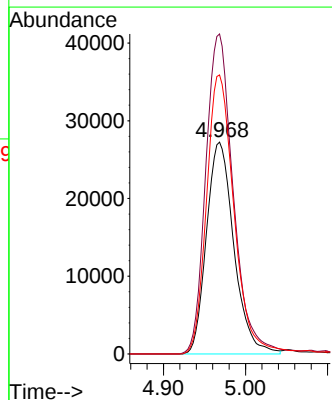
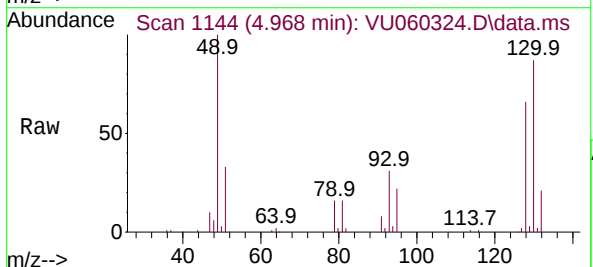
Instrument :
MSVOA_U
ClientSampleId :

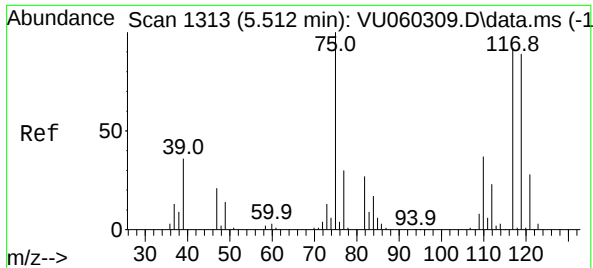
Tgt Ion: 73 Resp: 621478
Ion Ratio Lower Upper
73 100
43 16.5 14.1 21.1



#26
Bromochloromethane
Concen: 13.430 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

Tgt Ion: 128 Resp: 63273
Ion Ratio Lower Upper
128 100
49 152.2 0.0 340.8
130 132.4 102.1 153.1

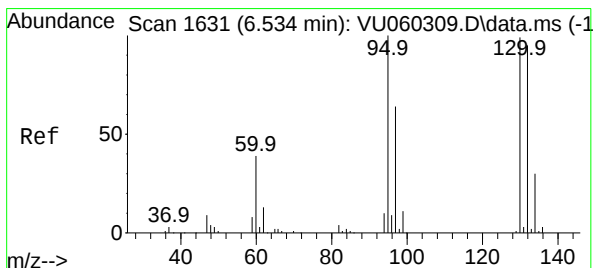
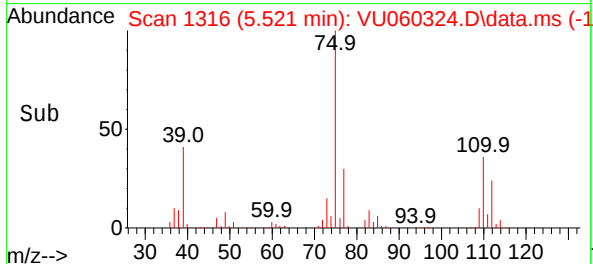
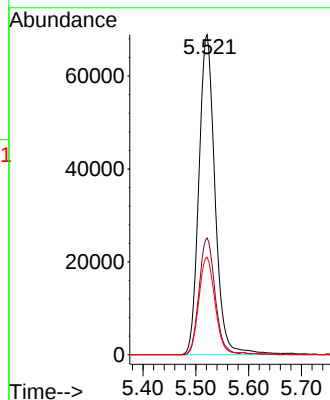
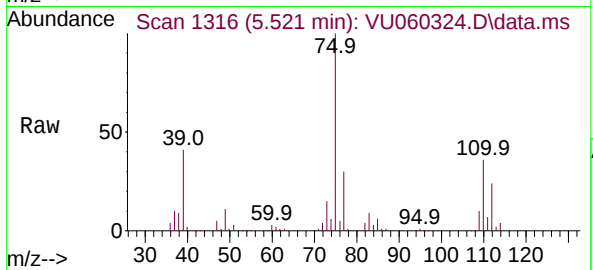




#29
1,1-Dichloropropene
Concen: 11.249 ug/l
RT: 5.521 min Scan# 146301
Delta R.T. 0.009 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

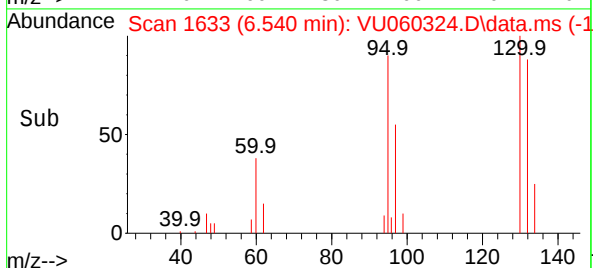
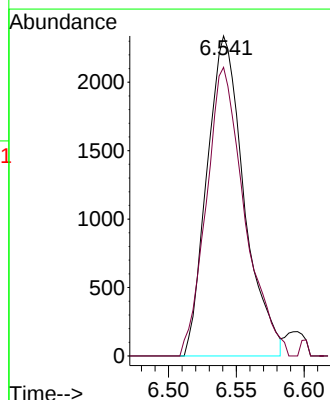
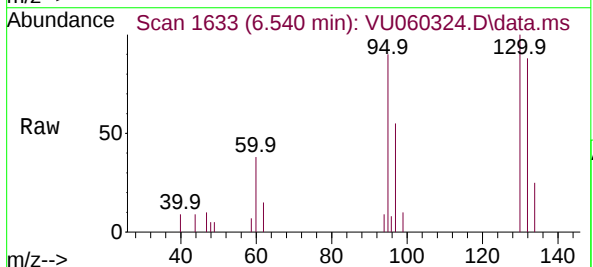
Instrument :
MSVOA_U
ClientSampleId :

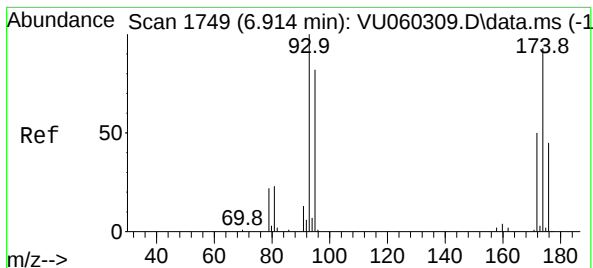
Tgt Ion: 75 Resp: 146301
Ion Ratio Lower Upper
75 100
110 36.0 18.4 55.2
77 30.2 24.8 37.2



#37
Trichloroethene
Concen: 0.447 ug/l
RT: 6.540 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

Tgt Ion:130 Resp: 4439
Ion Ratio Lower Upper
130 100
95 90.2 80.6 121.0





#43

Dibromomethane

Concen: 21.142 ug/l

RT: 6.910 min Scan# 1

Delta R.T. -0.003 min

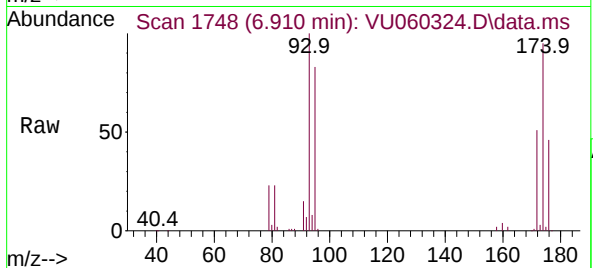
Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

ClientSampleId :



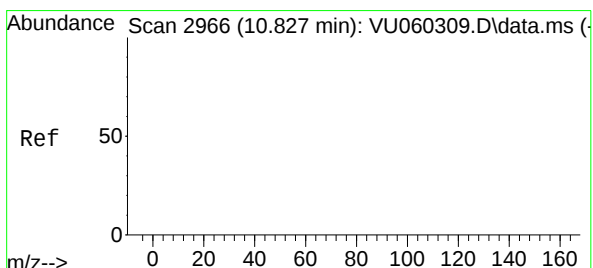
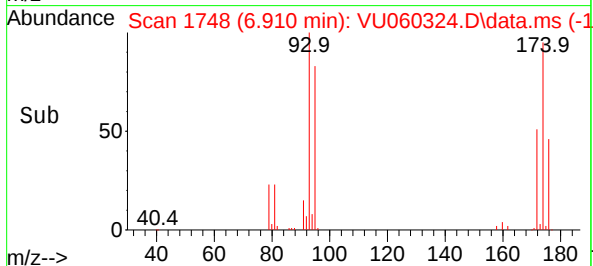
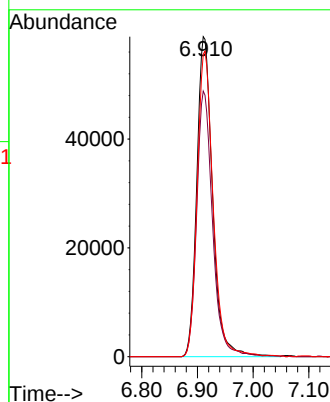
Tgt Ion: 93 Resp: 115948

Ion Ratio Lower Upper

93 100

95 83.4 66.4 99.6

174 96.4 75.2 112.8



#46

t-1,4-Dichloro-2-butene

Concen: 46.256 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Tgt Ion: 75 Resp: 133474

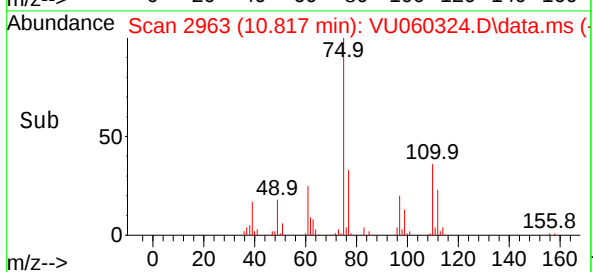
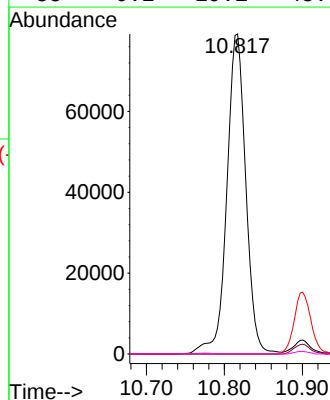
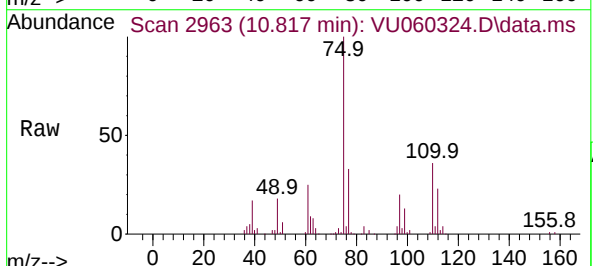
Ion Ratio Lower Upper

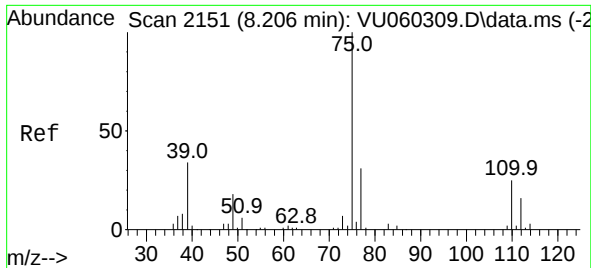
75 100

53 0.0 57.2 85.8#

89 0.0 40.4 60.6#

88 0.2 29.1 43.7#

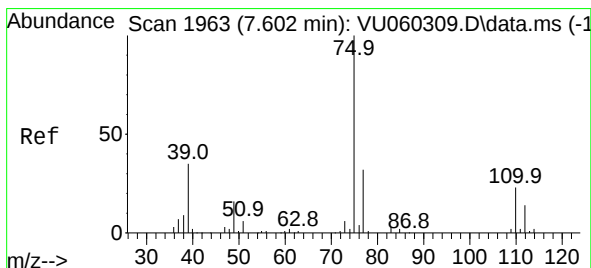
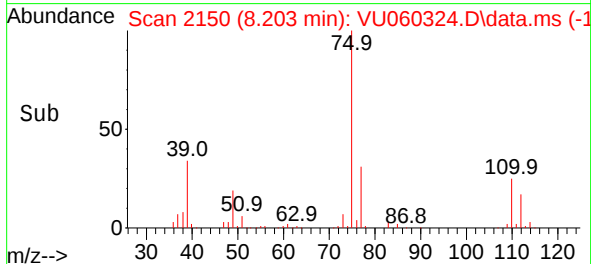
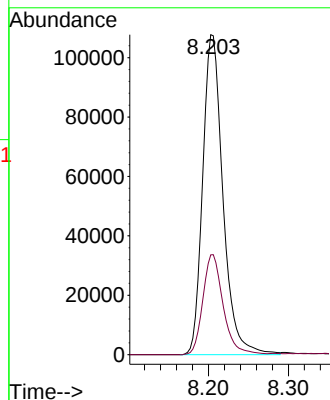
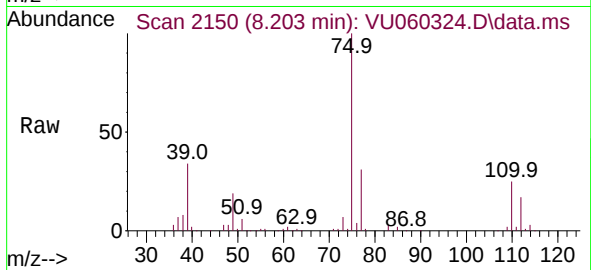




#50
t-1,3-Dichloropropene
Concen: 17.493 ug/l
RT: 8.203 min Scan# 2151
Delta R.T. -0.003 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

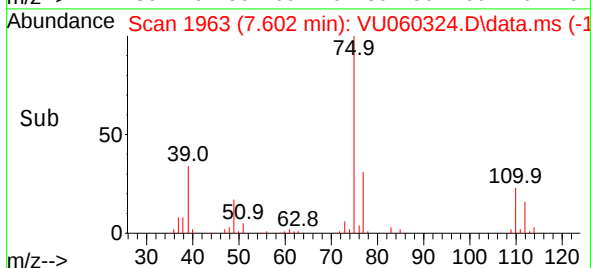
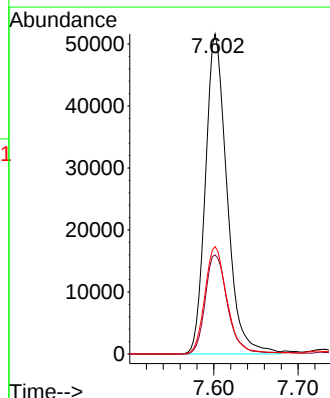
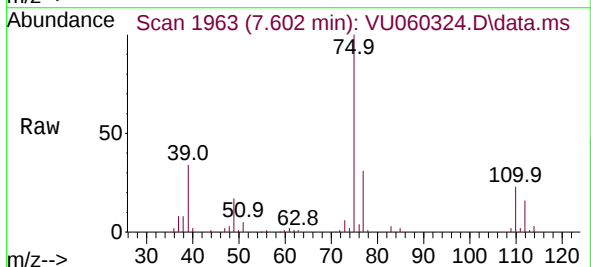
Instrument :
MSVOA_U
ClientSampleId :

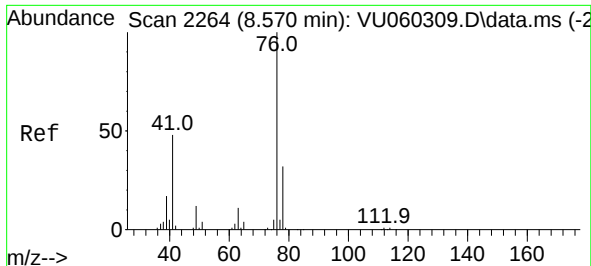
Tgt Ion: 75 Resp: 190160
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0



#51
cis-1,3-Dichloropropene
Concen: 7.039 ug/l
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

Tgt Ion: 75 Resp: 92051
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 33.2 28.0 42.0





#53

1,3-Dichloropropane

Concen: 21.613 ug/l

RT: 8.569 min Scan# 21

Delta R.T. -0.000 min MSVOA_U

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

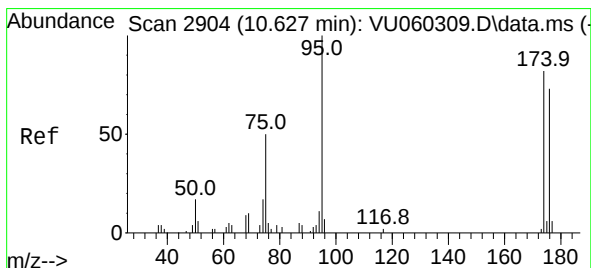
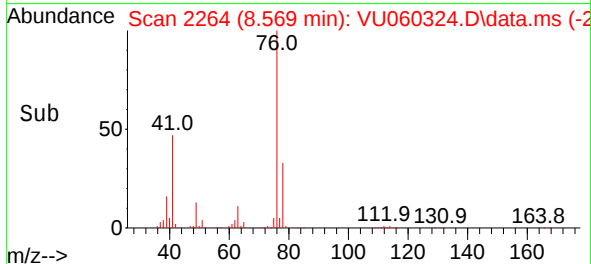
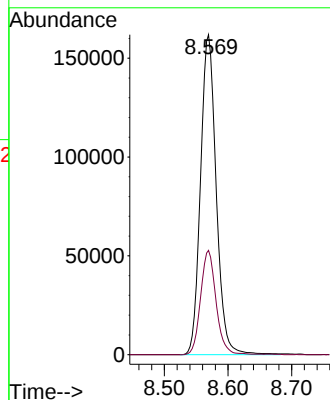
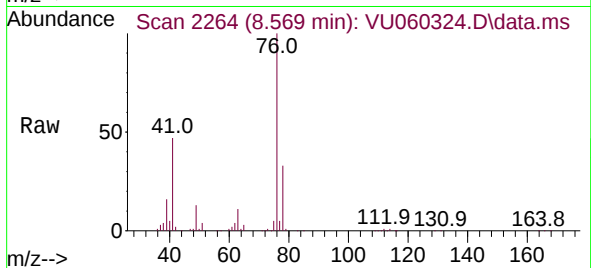
ClientSampleId :

Tgt Ion: 76 Resp: 277623

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#57

4-Bromofluorobenzene

Concen: 1.145 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

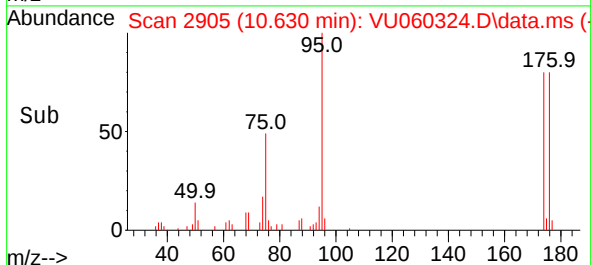
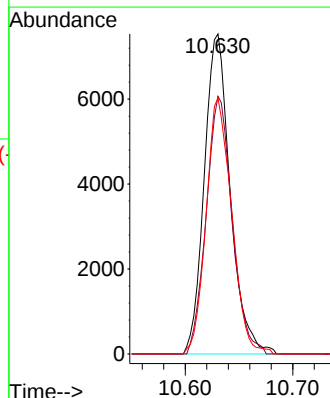
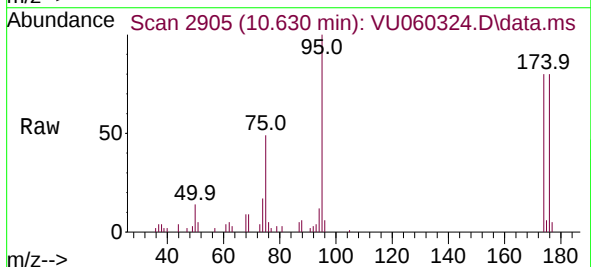
Tgt Ion: 95 Resp: 12653

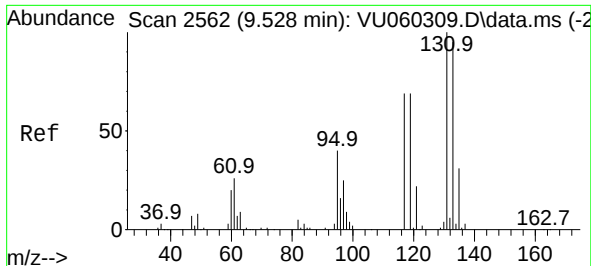
Ion Ratio Lower Upper

95 100

174 79.9 65.6 98.4

176 79.0 60.4 90.6





#60

1,1,1,2-Tetrachloroethane

Concen: 21.277 ug/l

RT: 9.528 min Scan# 2

Delta R.T. -0.000 min MSVOA_U

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

ClientSampleId :

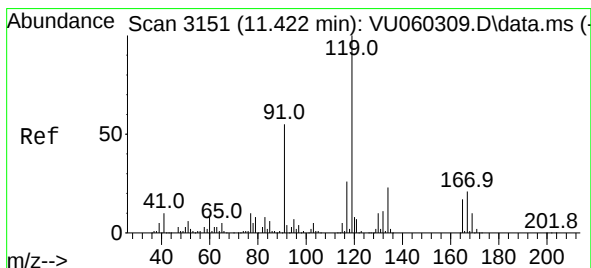
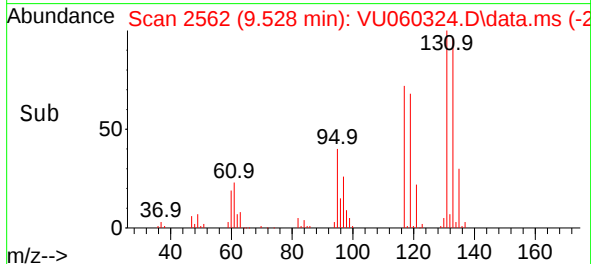
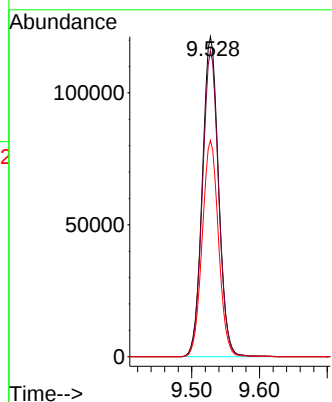
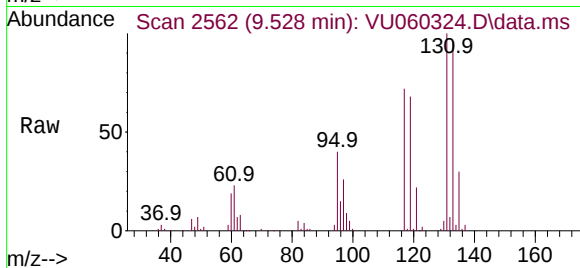
Tgt Ion:131 Resp: 201686

Ion Ratio Lower Upper

131 100

133 95.2 77.2 115.8

119 67.7 55.4 83.2



#61

Pentachloroethane

Concen: 3.642 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.010 min

Lab File: VU060324.D

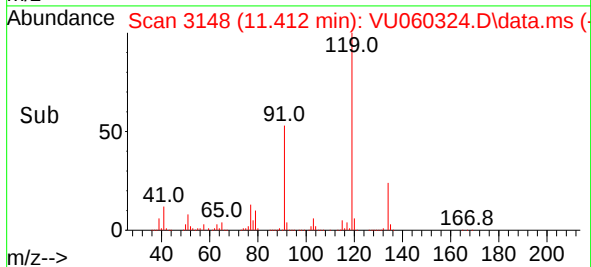
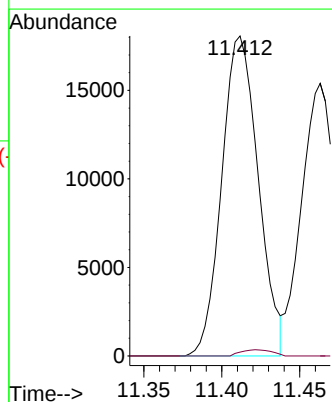
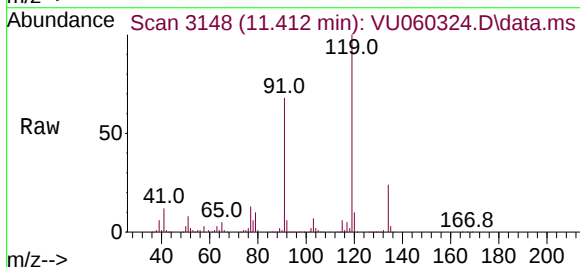
Acq: 06 Aug 2024 15:49

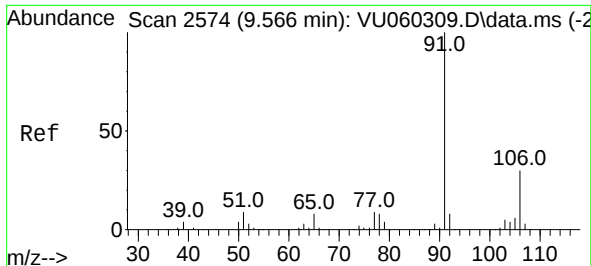
Tgt Ion:117 Resp: 29483

Ion Ratio Lower Upper

117 100

167 1.7 62.2 93.4#





#63

Ethyl Benzene

Concen: 0.505 ug/l

RT: 9.691 min Scan# 2613

Delta R.T. 0.125 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

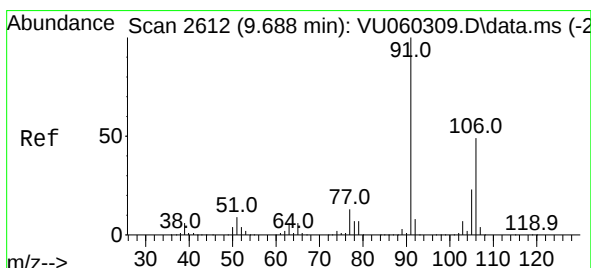
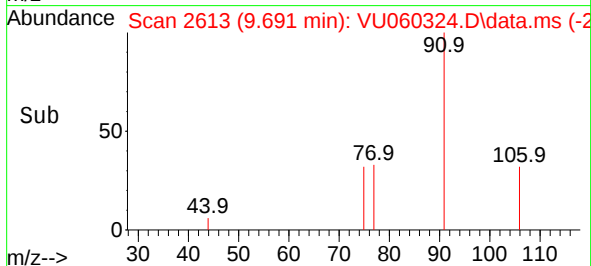
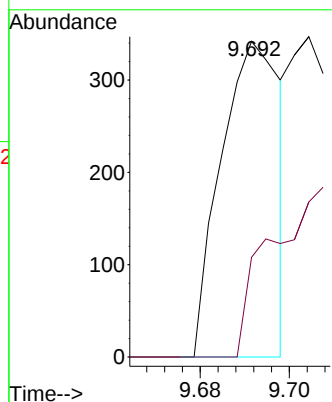
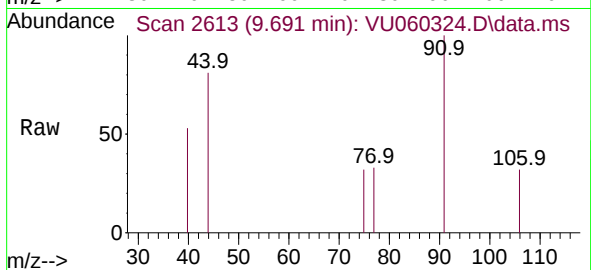
ClientSampleId :

Tgt Ion: 91 Resp: 315

Ion Ratio Lower Upper

91 100

106 31.6 24.4 36.6



#64

m/p-Xylenes

Concen: 0.908 ug/l

RT: 9.708 min Scan# 2618

Delta R.T. 0.020 min

Lab File: VU060324.D

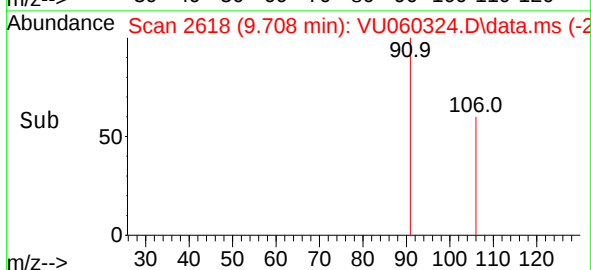
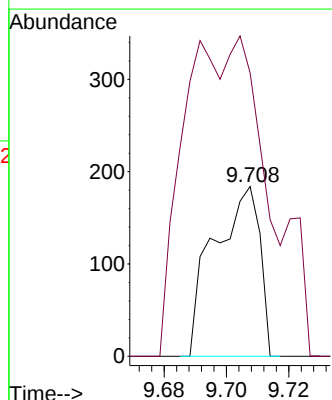
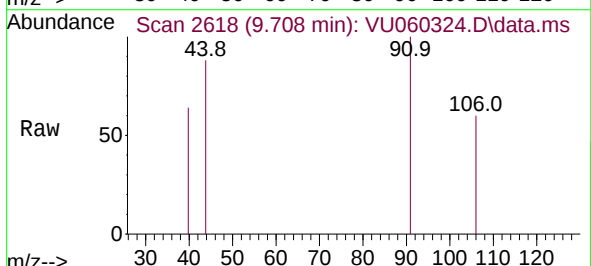
Acq: 06 Aug 2024 15:49

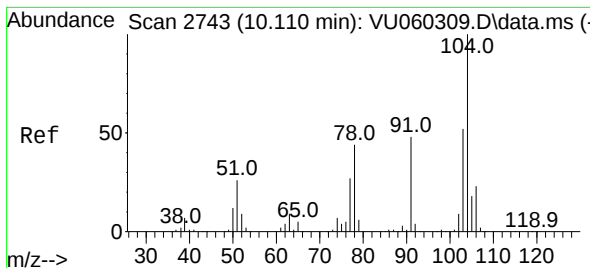
Tgt Ion:106 Resp: 187

Ion Ratio Lower Upper

106 100

91 168.4 165.0 247.4





#66

Styrene

Concen: 0.498 ug/l

RT: 10.119 min Scan# 21

Delta R.T. 0.009 min

Lab File: VU060324.D

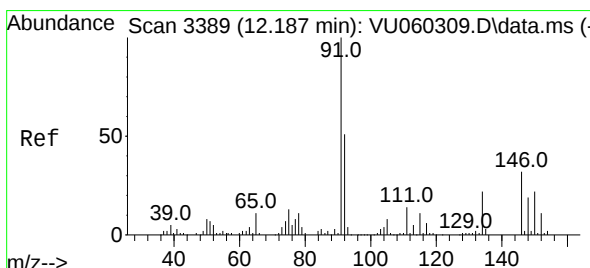
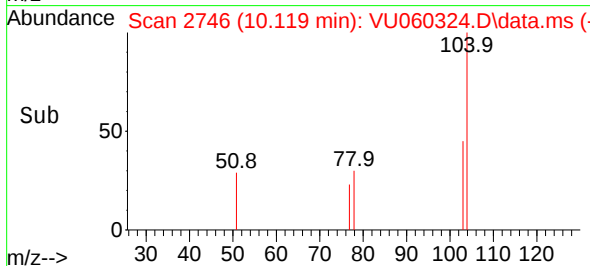
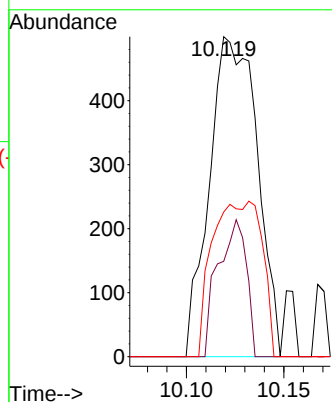
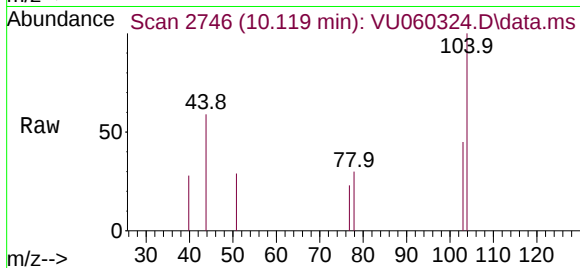
Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:104	Resp:	855
Ion Ratio	Lower	Upper
104	100	
78	0.0	39.0 58.6#
103	0.0	45.0 67.6#



#68

1,2-Dichlorobenzene-d4

Concen: 1.163 ug/l

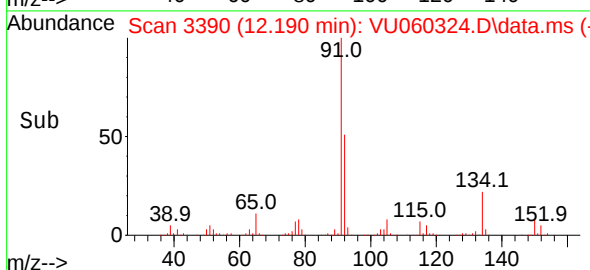
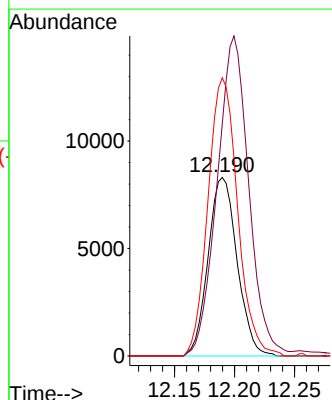
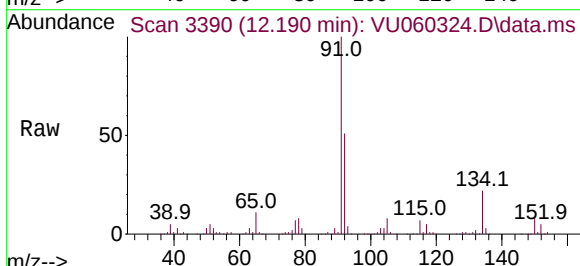
RT: 12.190 min Scan# 3390

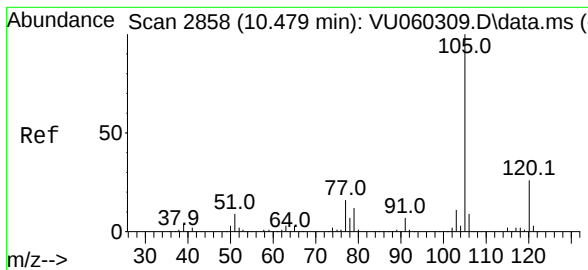
Delta R.T. 0.003 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Tgt Ion:152	Resp:	13954
Ion Ratio	Lower	Upper
152	100	
115	195.5	0.0 325.2
150	159.1	0.0 684.2





#69

Isopropylbenzene

Concen: 11.223 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

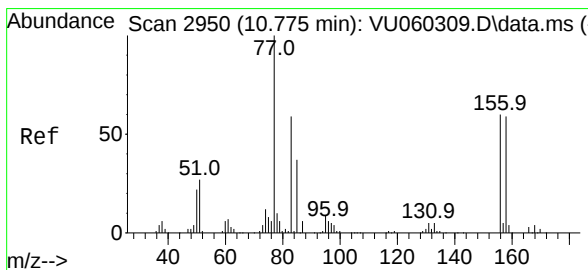
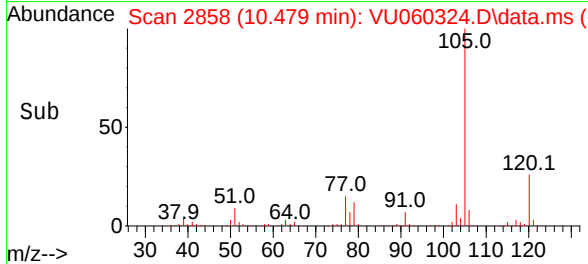
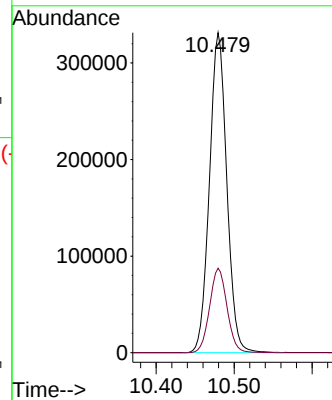
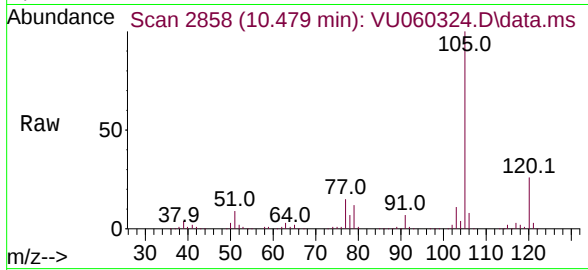
ClientSampleId :

Tgt Ion:105 Resp: 511801

Ion Ratio Lower Upper

105 100

120 26.5 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 20.254 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

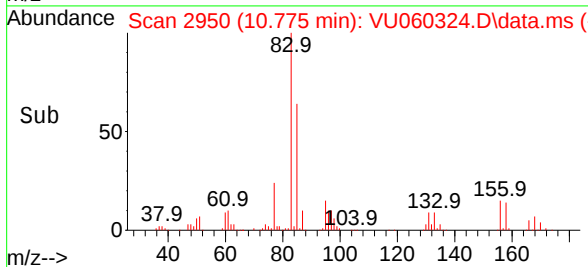
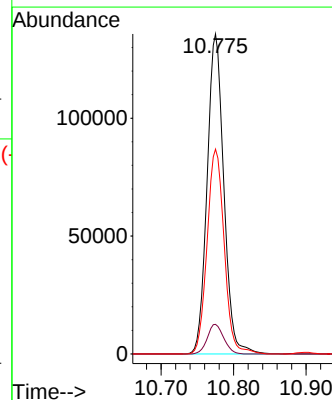
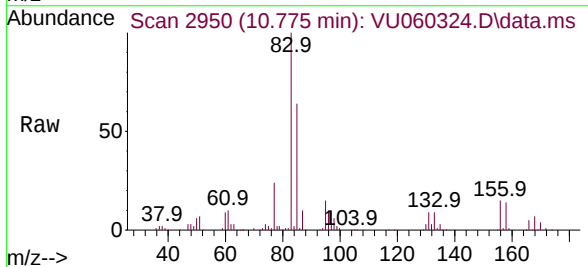
Tgt Ion: 83 Resp: 216972

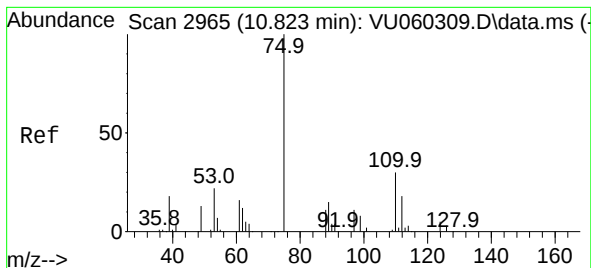
Ion Ratio Lower Upper

83 100

131 9.1 7.1 10.7

85 65.5 50.9 76.3





#71

1,2,3-Trichloropropane

Concen: 16.822 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.007 min

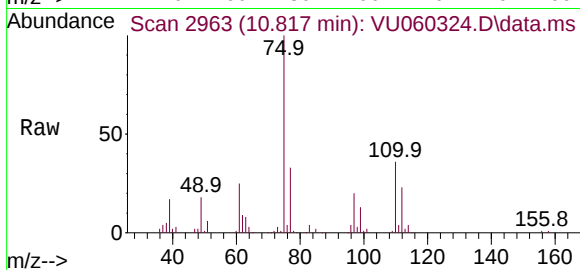
Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 133474

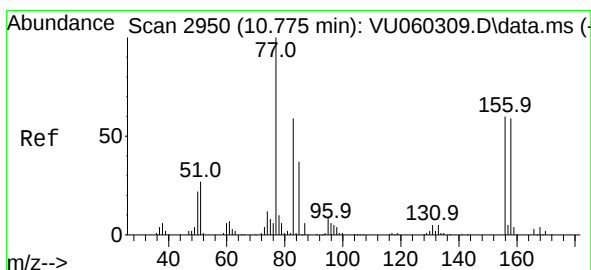
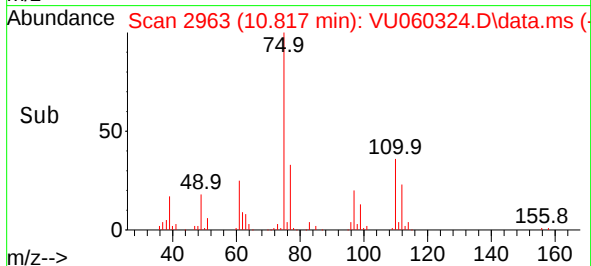
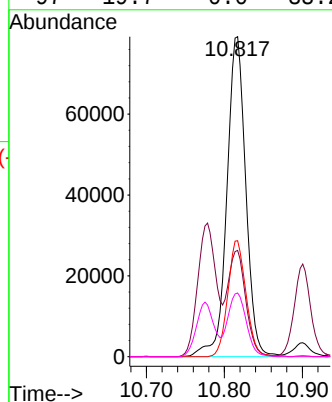
Ion Ratio Lower Upper

75 100

77 31.7 0.0 102.2

110 35.0 0.0 67.4

97 19.7 0.0 38.2



#72

Bromobenzene

Concen: 3.623 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

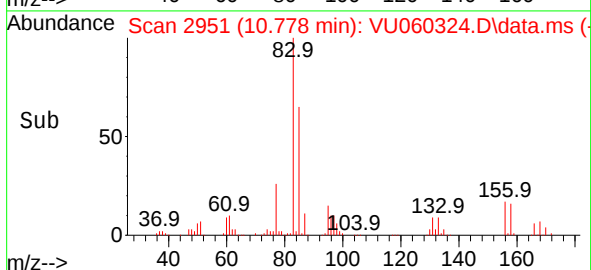
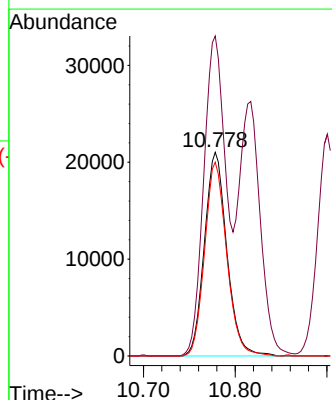
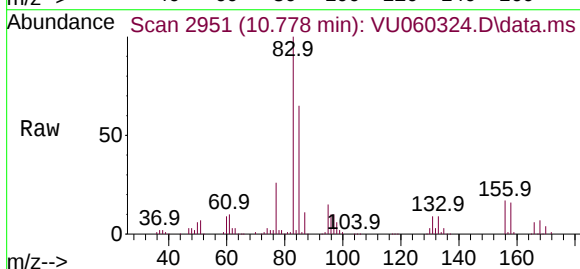
Tgt Ion:156 Resp: 35795

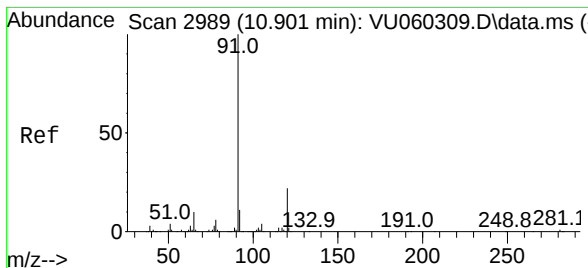
Ion Ratio Lower Upper

156 100

77 154.3 0.0 327.2

158 93.3 0.0 193.8





#73

n-propylbenzene

Concen: 14.100 ug/l

RT: 10.900 min Scan# 2989

Delta R.T. -0.001 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

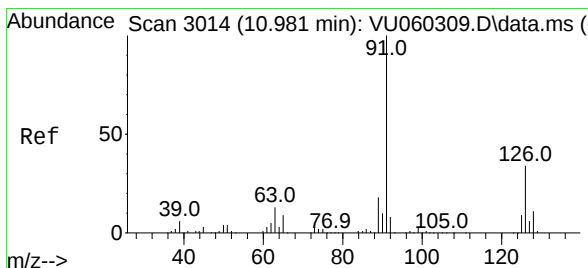
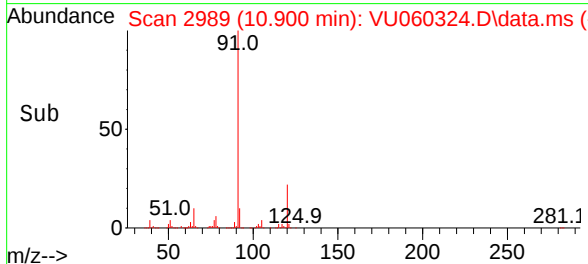
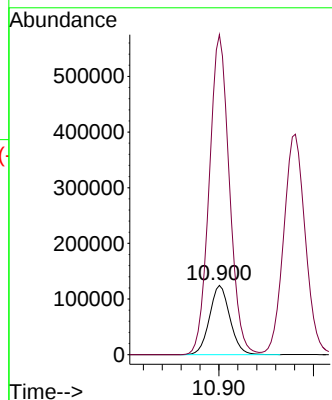
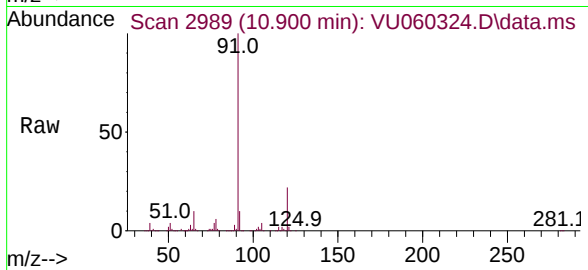
ClientSampleId :

Tgt Ion:120 Resp: 186352

Ion Ratio Lower Upper

120 100

91 457.3 362.2 543.2



#74

2-Chlorotoluene

Concen: 18.177 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. -0.000 min

Lab File: VU060324.D

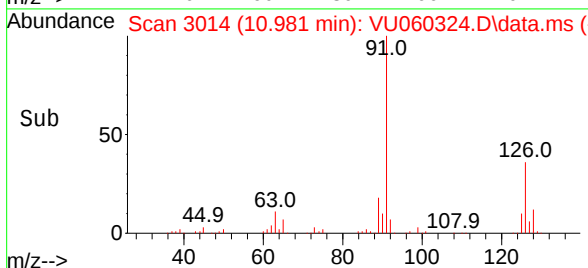
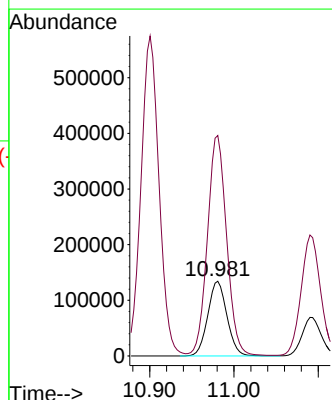
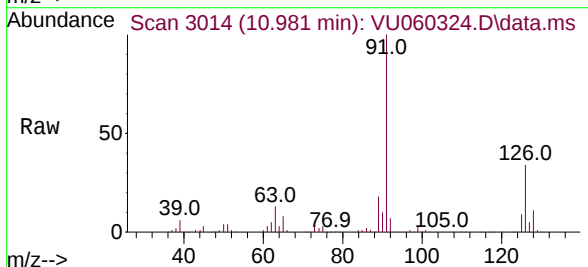
Acq: 06 Aug 2024 15:49

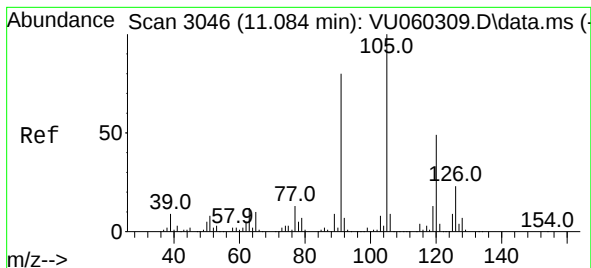
Tgt Ion:126 Resp: 212099

Ion Ratio Lower Upper

126 100

91 296.9 0.0 585.6





#75

1,3,5-Trimethylbenzene

Concen: 6.702 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

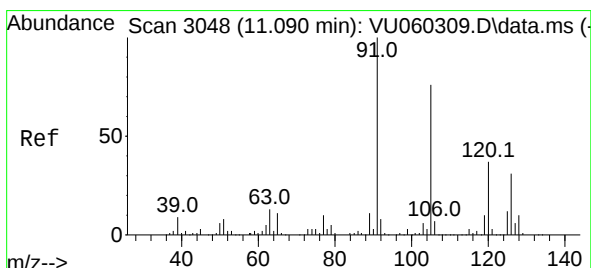
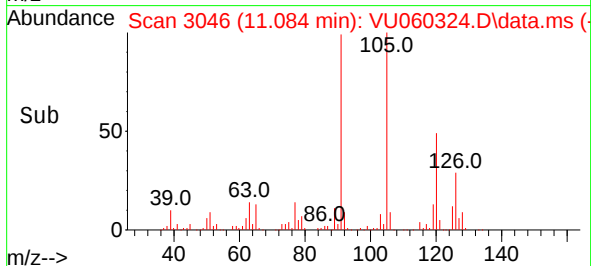
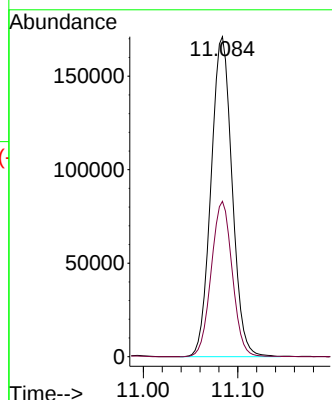
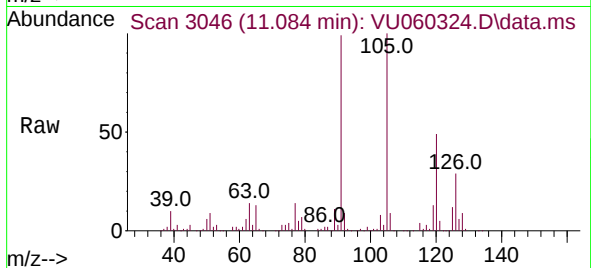
ClientSampleId :

Tgt Ion:105 Resp: 264848

Ion Ratio Lower Upper

105 100

120 48.5 38.6 57.8



#76

4-Chlorotoluene

Concen: 9.160 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU060324.D

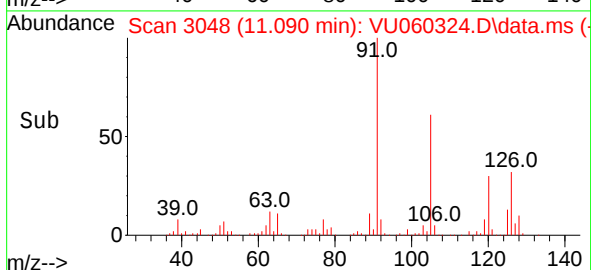
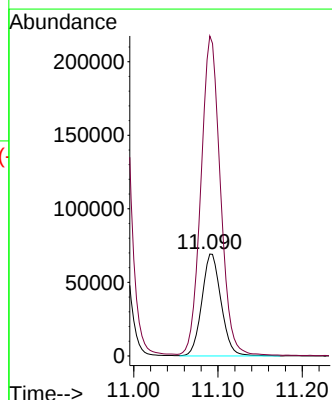
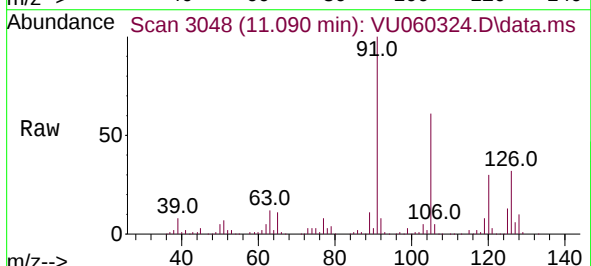
Acq: 06 Aug 2024 15:49

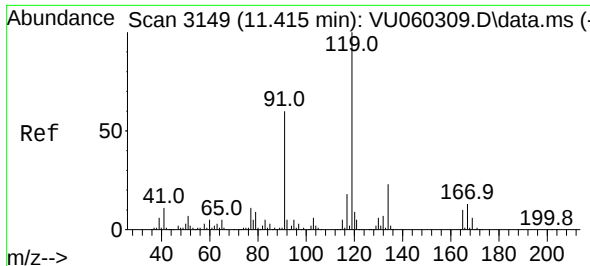
Tgt Ion:126 Resp: 110238

Ion Ratio Lower Upper

126 100

91 316.9 0.0 669.4

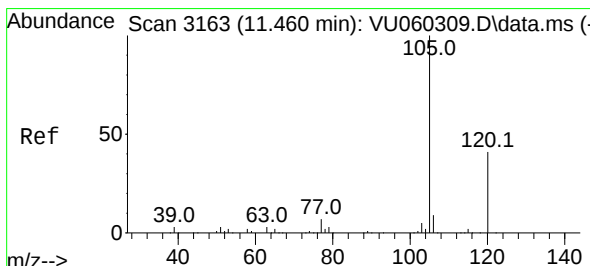
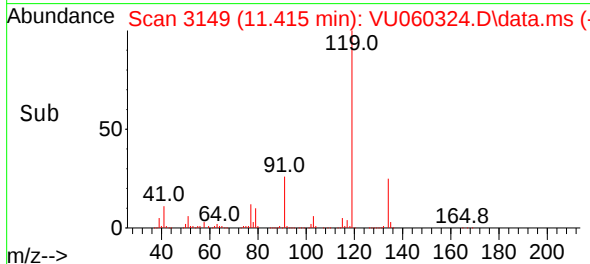
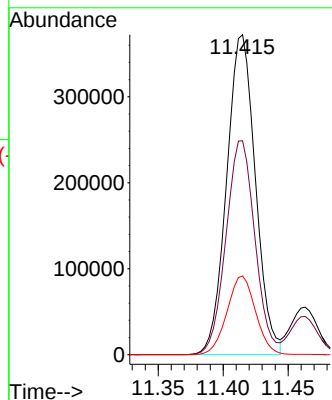
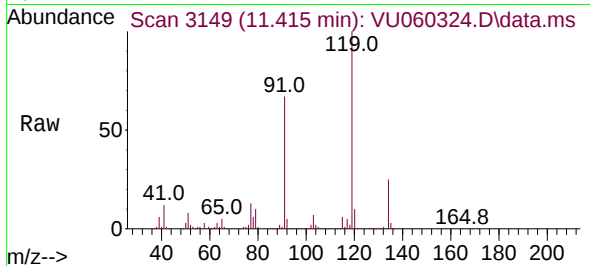




#77
tert-Butylbenzene
Concen: 14.820 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

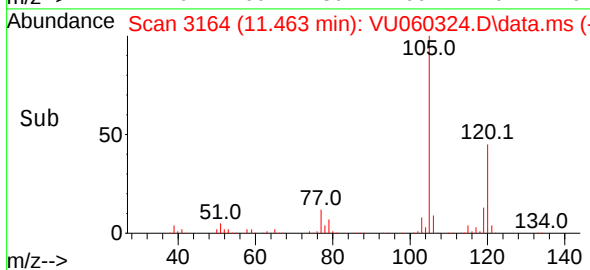
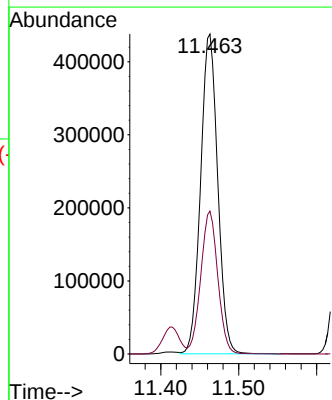
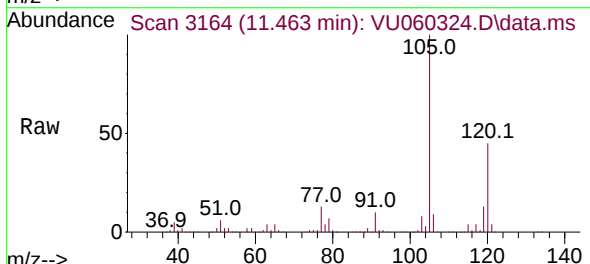
Instrument :
MSVOA_U
ClientSampleId :

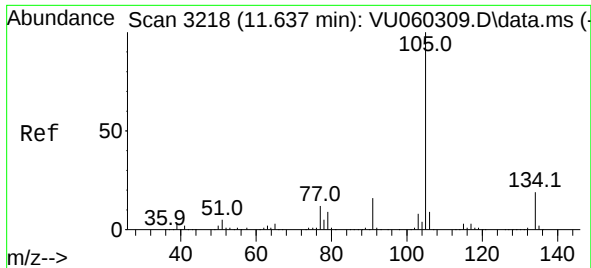
Tgt Ion:119 Resp: 575118
Ion Ratio Lower Upper
119 100
91 67.5 29.0 87.1
134 24.5 17.8 26.8



#78
1,2,4-Trimethylbenzene
Concen: 15.524 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

Tgt Ion:105 Resp: 667170
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.7

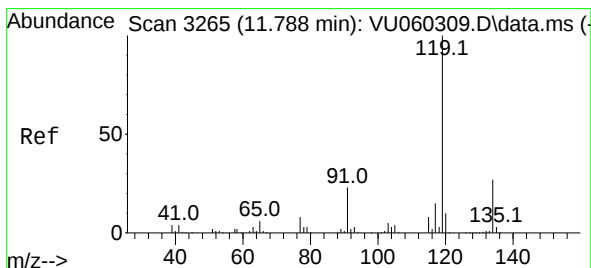
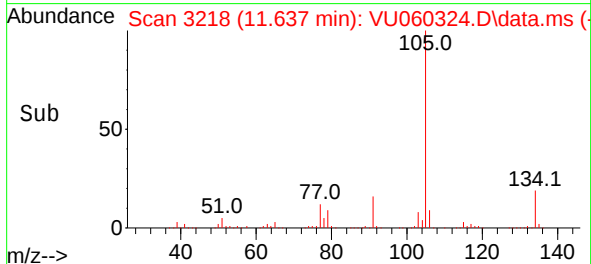
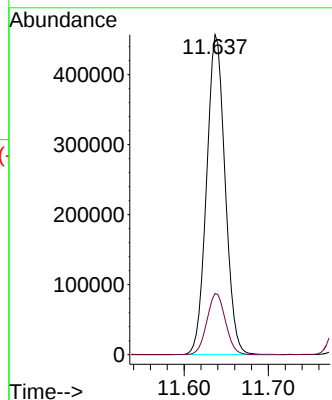
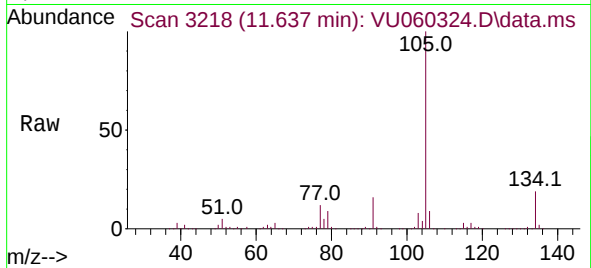




#79
 sec-Butylbenzene
 Concen: 13.152 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. -0.000 min
 Lab File: VU060324.D
 Acq: 06 Aug 2024 15:49

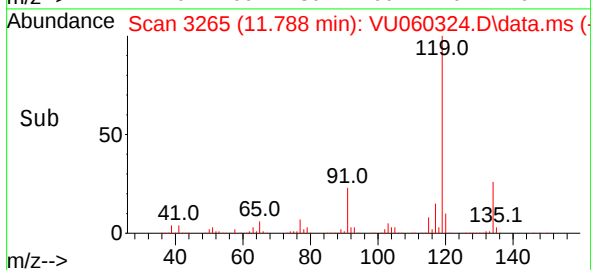
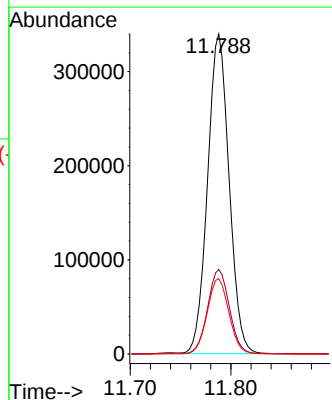
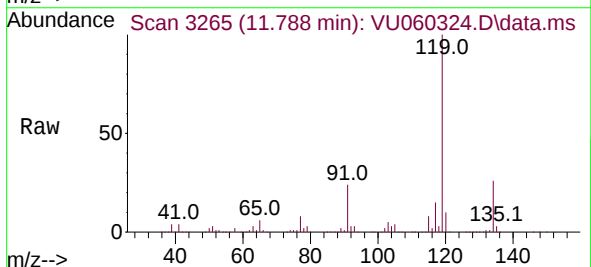
Instrument :
 MSVOA_U
 ClientSampleId :

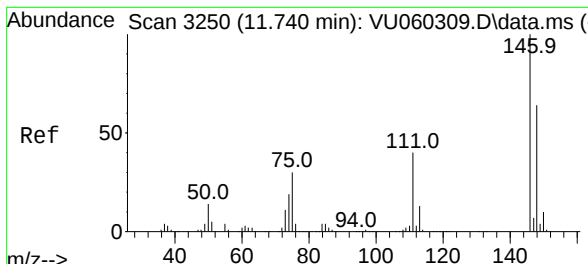
Tgt Ion:105 Resp: 697149
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3



#81
 p-Isopropyltoluene
 Concen: 11.488 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. -0.000 min
 Lab File: VU060324.D
 Acq: 06 Aug 2024 15:49

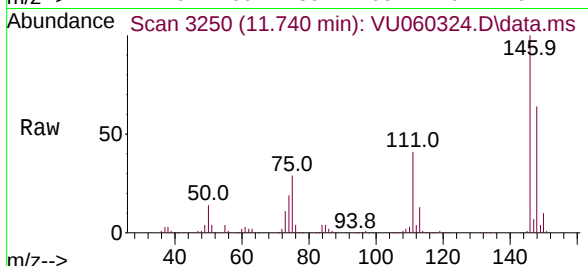
Tgt Ion:119 Resp: 504181
 Ion Ratio Lower Upper
 119 100
 134 26.8 21.2 31.8
 91 23.7 18.9 28.3



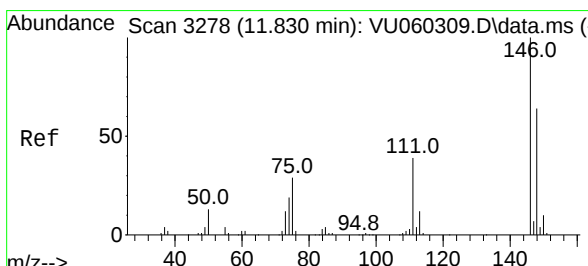
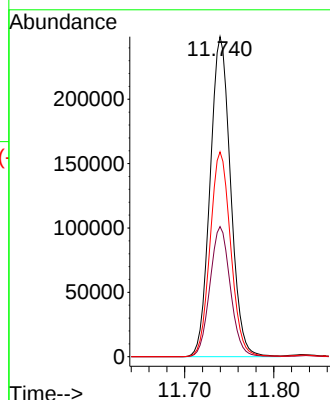
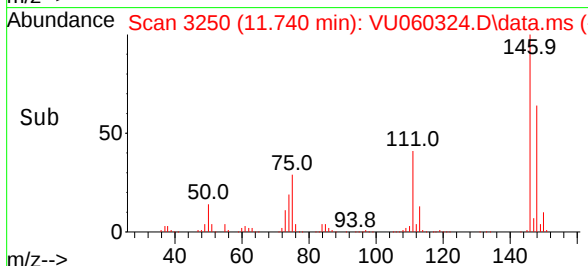


#82
1,3-Dichlorobenzene
Concen: 19.251 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

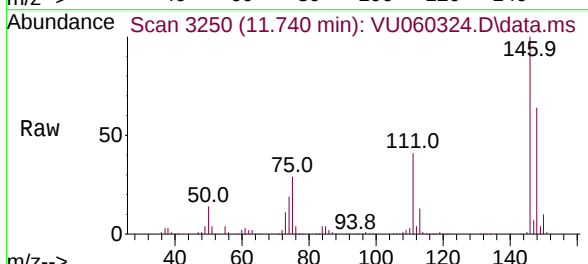
Instrument :
MSVOA_U
ClientSampleId :



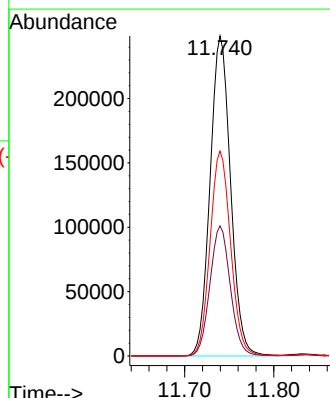
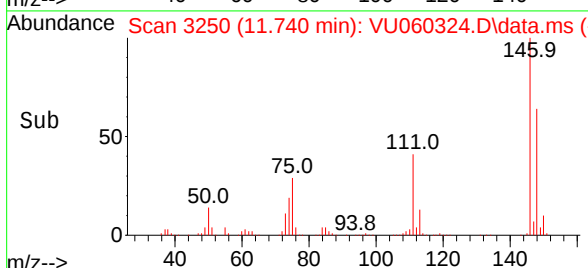
Tgt Ion:146 Resp: 396786
Ion Ratio Lower Upper
146 100
111 40.5 32.0 48.0
148 64.5 51.4 77.0

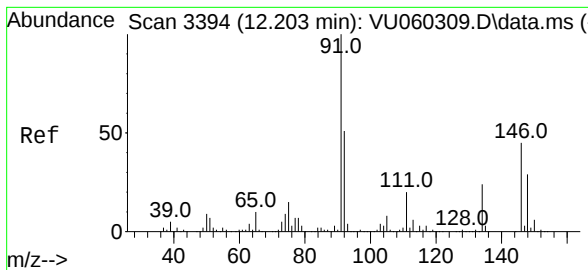


#83
1,4-Dichlorobenzene
Concen: 19.392 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. -0.090 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49



Tgt Ion:146 Resp: 396786
Ion Ratio Lower Upper
146 100
111 40.5 30.9 46.3
148 64.5 51.8 77.6

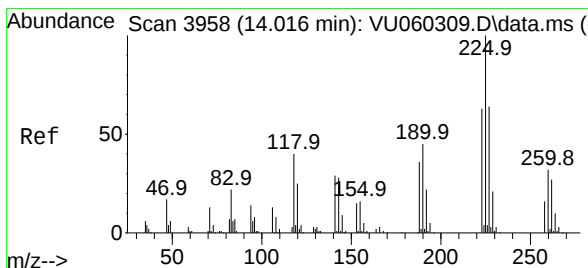
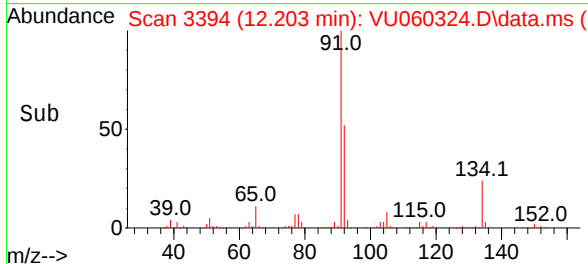
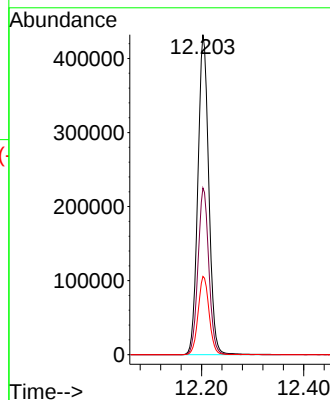
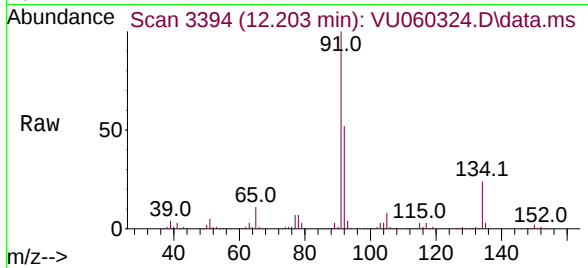




#84
n-Butylbenzene
Concen: 14.950 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

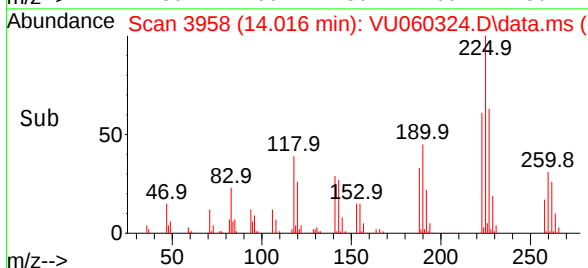
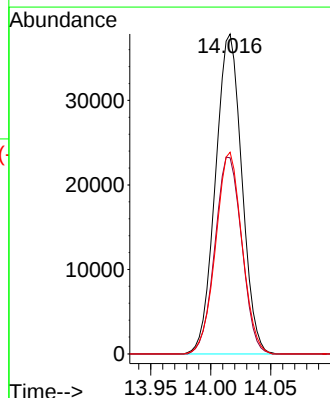
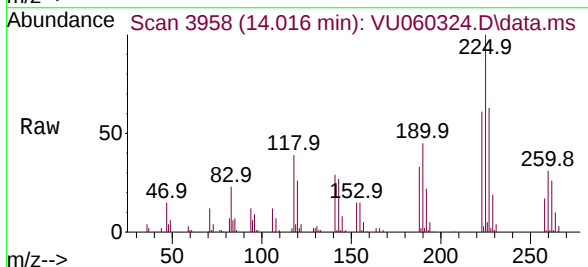
Instrument :
MSVOA_U
ClientSampleId :

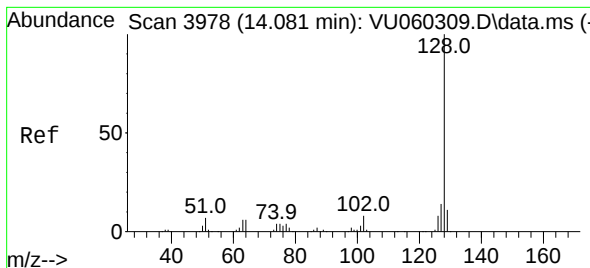
Tgt Ion: 91 Resp: 640067
Ion Ratio Lower Upper
91 100
92 51.8 41.0 61.6
134 24.5 19.4 29.2



#88
Hexachlorobutadiene
Concen: 7.848 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. -0.000 min
Lab File: VU060324.D
Acq: 06 Aug 2024 15:49

Tgt Ion: 225 Resp: 57863
Ion Ratio Lower Upper
225 100
223 62.6 50.8 76.2
227 63.2 50.8 76.2





#89

Naphthalene

Concen: 32.494 ug/l

RT: 14.080 min Scan# 3978

Delta R.T. -0.001 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Instrument :

MSVOA_U

ClientSampleId :

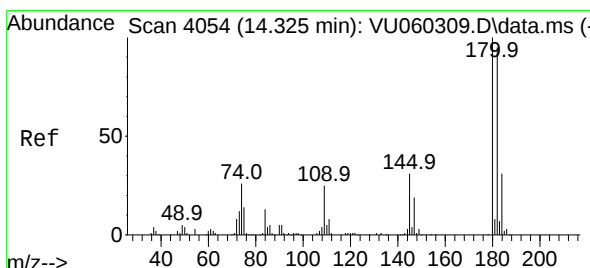
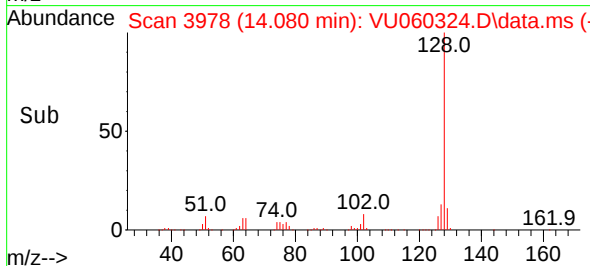
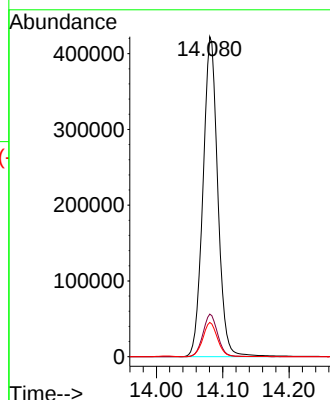
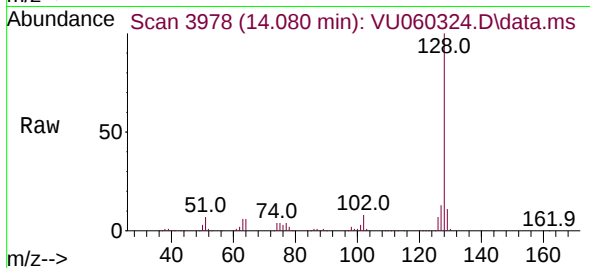
Tgt Ion:128 Resp: 655519

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.7 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 56.694 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU060324.D

Acq: 06 Aug 2024 15:49

Tgt Ion:180 Resp: 631110

Ion Ratio Lower Upper

180 100

182 96.6 76.1 114.1

145 31.6 25.0 37.6

