

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090324\
 Data File : VU060592.D
 Acq On : 03 Sep 2024 18:06
 Operator : MD/SY
 Sample : P3810-02DL 2X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

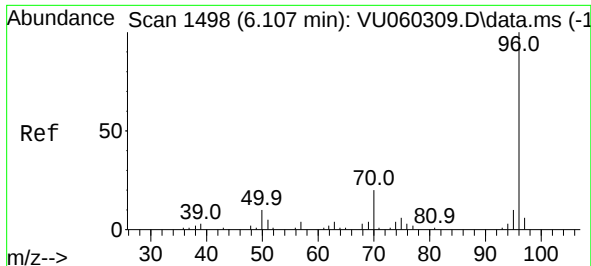
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 05:47:12 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	27390	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	9921	1.063	ug/l	0.00
Spiked Amount	1.000		Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11192	1.104	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.515	50	327797	27.214	ug/l	99
5) Bromomethane	1.856	94	110064	14.875	ug/l	99
6) Chloroethane	1.930	64	139076	19.082	ug/l	97
7) Trichlorofluoromethane	2.133	101	219672	15.121	ug/l	99
12) Acrylonitrile	3.354	53	3489	1.631	ug/l	# 29
15) Methylene Chloride	3.039	84	4634	0.452	ug/l	91
17) 1,1-Dichloroethane	3.859	63	153356	9.091	ug/l	100
18) 2-Butanone	4.653	43	1080	0.360	ug/l	75
21) 2,2-Dichloropropane	4.657	77	138017	10.506	ug/l	94
24) tert-Butyl Alcohol	3.184	59	507	0.610	ug/l	# 83
25) Methyl tert-Butyl Ether	3.358	73	267896	13.327	ug/l	98
26) Bromochloromethane	4.965	128	36906	9.273	ug/l	97
29) 1,1-Dichloropropene	5.521	75	38829	3.534	ug/l	97
37) Trichloroethene	6.544	130	2079	0.248	ug/l	92
43) Dibromomethane	6.914	93	19850	4.285	ug/l	97
46) t-1,4-Dichloro-2-butene	10.814	75	22365	9.175	ug/l	# 24
50) t-1,3-Dichloropropene	8.206	75	40984	4.463	ug/l	94
51) cis-1,3-Dichloropropene	7.602	75	82133	7.435	ug/l	95
53) 1,3-Dichloropropane	8.566	76	72752	6.705	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.525	131	84588	10.563	ug/l	97
61) Pentachloroethane	11.412	117	17592	2.572	ug/l	# 16
63) Ethyl Benzene	9.576	91	1406	0.533	ug/l	# 87
64) m/p-Xylenes	9.695	106	331	0.918	ug/l	# 1
66) Styrene	10.132	104	809	0.501	ug/l	# 25
69) Isopropylbenzene	10.476	105	238411	6.402	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	61527	6.799	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	22365	3.337	ug/l	84
73) n-propylbenzene	10.897	120	77642	7.201	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	261820	7.765	ug/l	99
77) tert-Butylbenzene	11.412	119	287069	8.939	ug/l	87
78) 1,2,4-Trimethylbenzene	11.637	105	134279	4.077	ug/l	# 31
79) sec-Butylbenzene	11.637	105	134279	3.348	ug/l	99
81) p-Isopropyltoluene	11.785	119	327245	8.947	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	56195	3.227	ug/l	99
83) 1,4-Dichlorobenzene	11.740	146	56195	3.251	ug/l	98
84) n-Butylbenzene	12.203	91	151925	4.567	ug/l	99
87) 1,2,4-Trichlorobenzene	13.843	180	3030	0.315	ug/l	93
88) Hexachlorobutadiene	14.013	225	116082	18.637	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	82818	8.807	ug/l	99

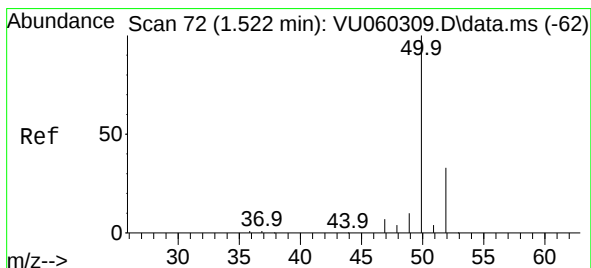
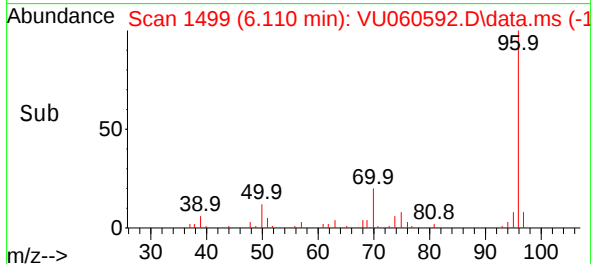
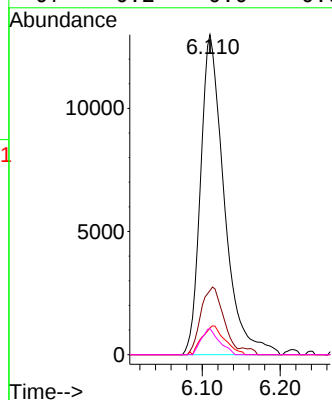
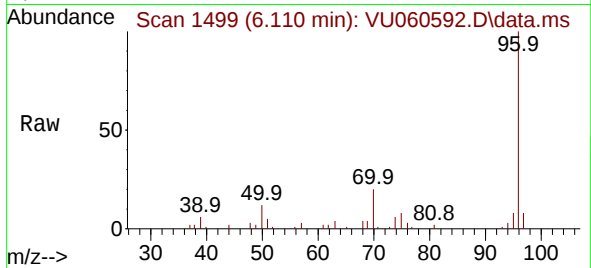
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

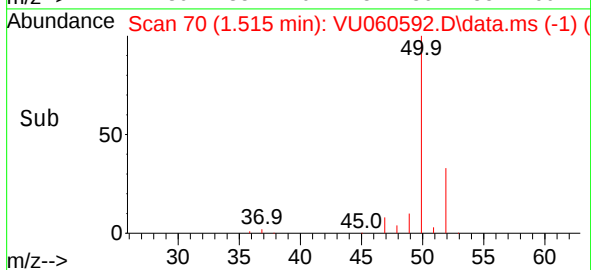
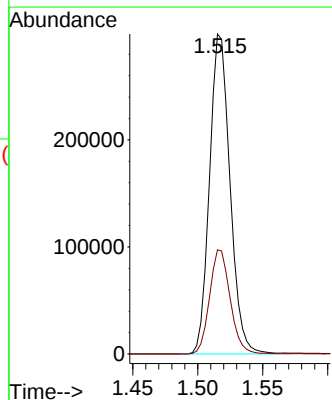
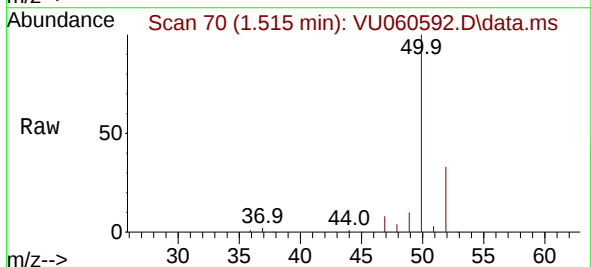
Instrument :
MSVOA_U
ClientSampleId :

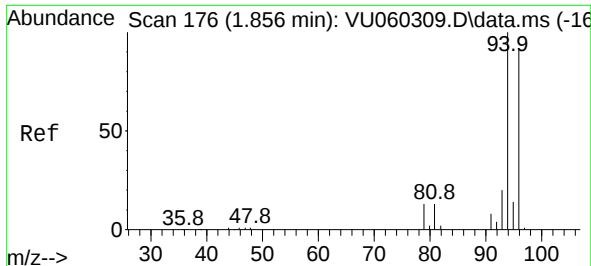
Tgt Ion: 96 Resp: 27390
Ion Ratio Lower Upper
96 100
70 18.4 17.2 25.8
95 8.6 7.9 11.9
97 6.2 0.0 0.0#



#3
Chloromethane
Concen: 27.214 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.006 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

Tgt Ion: 50 Resp: 327797
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

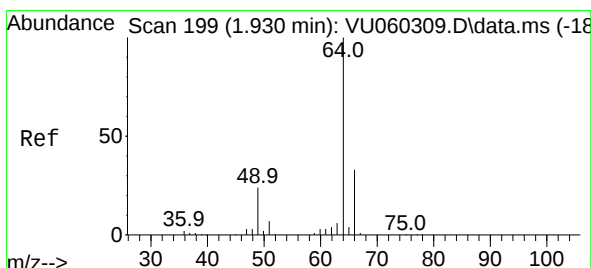
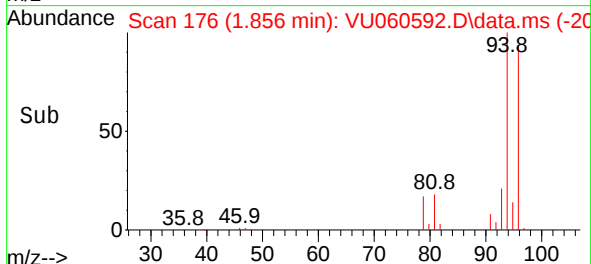
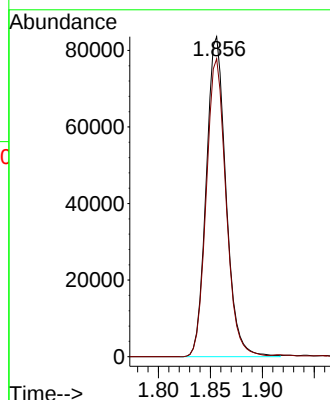
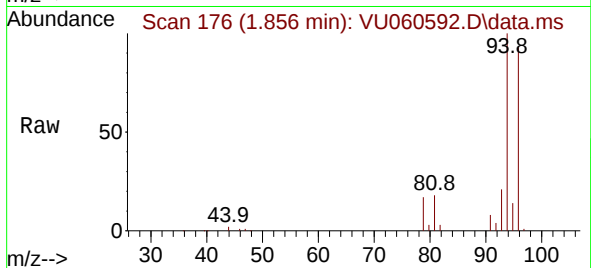




#5
Bromomethane
Concen: 14.875 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

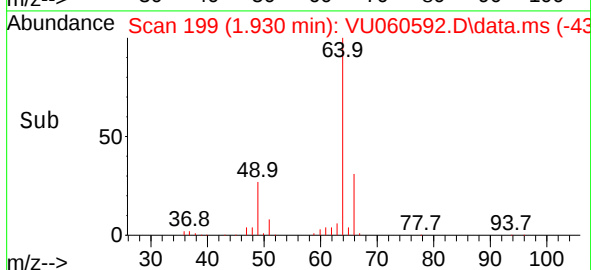
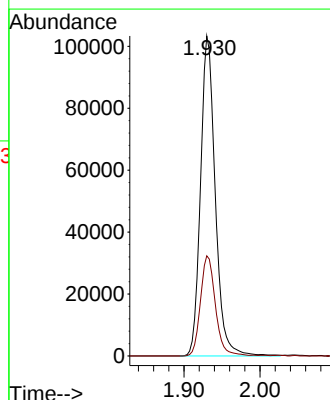
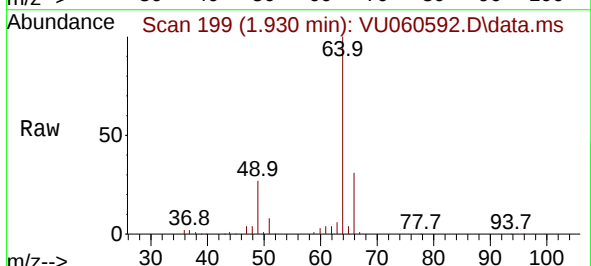
Instrument :
MSVOA_U
ClientSampleId :

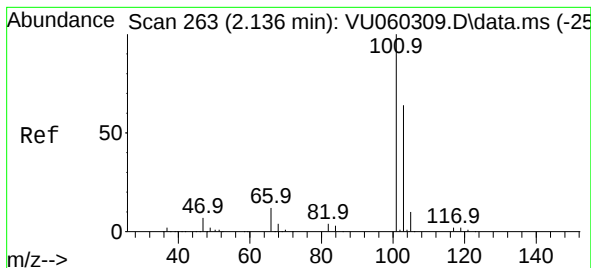
Tgt Ion: 94 Resp: 110064
Ion Ratio Lower Upper
94 100
96 93.1 73.8 110.8



#6
Chloroethane
Concen: 19.082 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

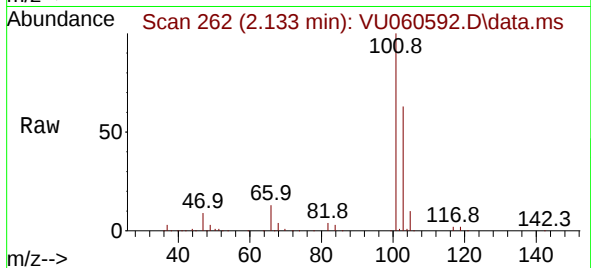
Tgt Ion: 64 Resp: 139076
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5



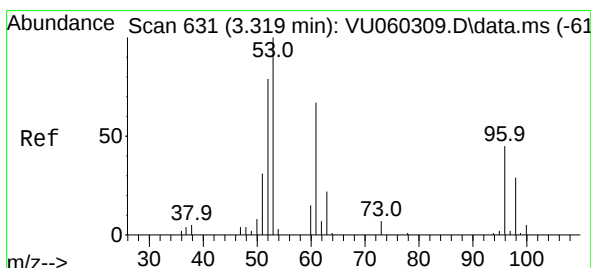
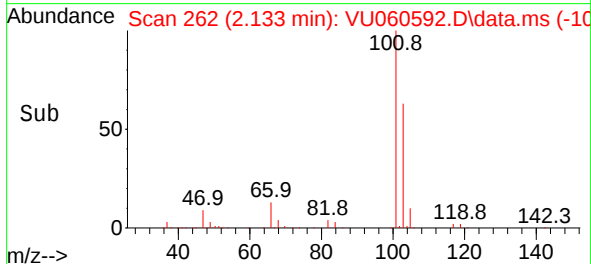
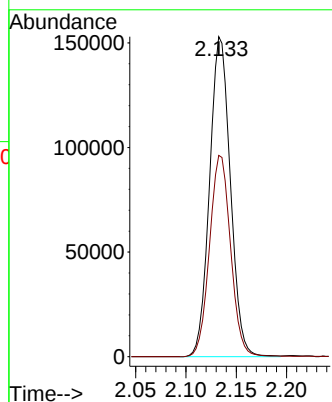


#7
 Trichlorofluoromethane
 Concen: 15.121 ug/l
 RT: 2.133 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU060592.D
 Acq: 03 Sep 2024 18:06

Instrument :
 MSVOA_U
 ClientSampleId :

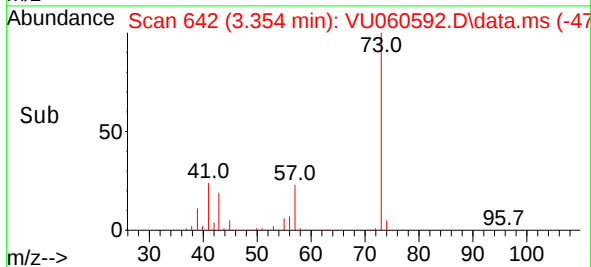
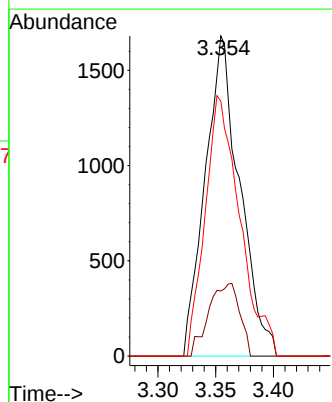
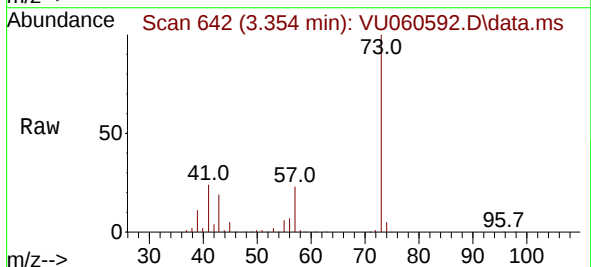


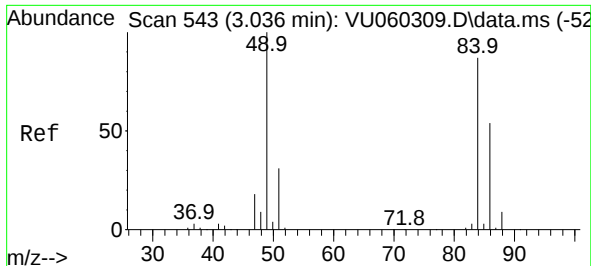
Tgt Ion:101 Resp: 219672
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.0 76.4



#12
 Acrylonitrile
 Concen: 1.631 ug/l
 RT: 3.354 min Scan# 642
 Delta R.T. 0.035 min
 Lab File: VU060592.D
 Acq: 03 Sep 2024 18:06

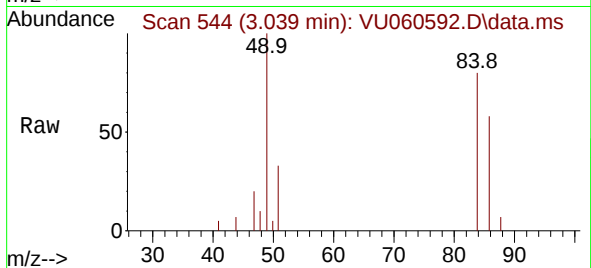
Tgt Ion: 53 Resp: 3489
 Ion Ratio Lower Upper
 53 100
 52 20.4 63.7 95.5#
 51 81.7 28.2 42.4#





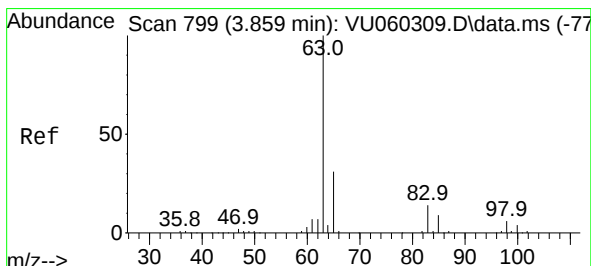
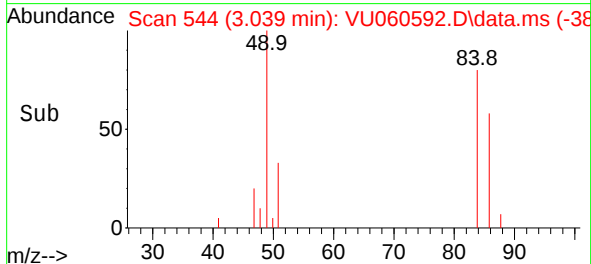
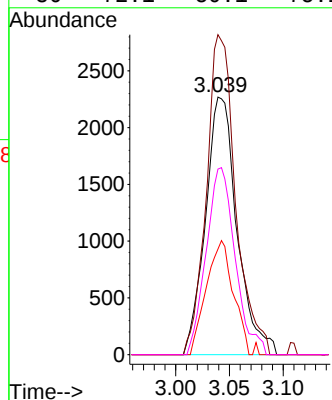
#15
Methylene Chloride
Concen: 0.452 ug/l
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 4634

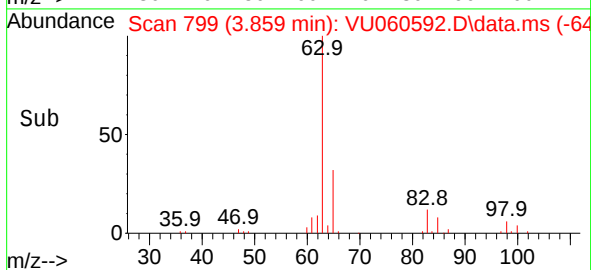
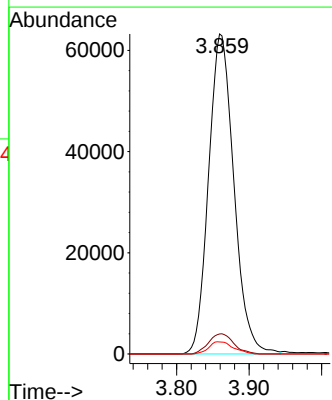
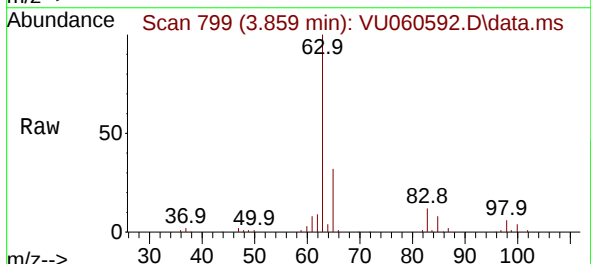
Ion	Ratio	Lower	Upper
84	100		
49	124.2	92.1	138.1
51	41.0	0.0	72.4
86	72.1	50.1	75.1

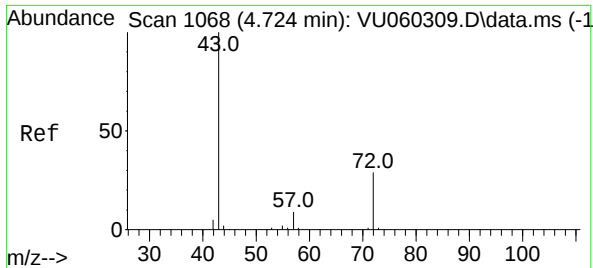


#17
1,1-Dichloroethane
Concen: 9.091 ug/l
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

Tgt Ion: 63 Resp: 153356

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.1	9.4
100	3.7	2.0	5.8

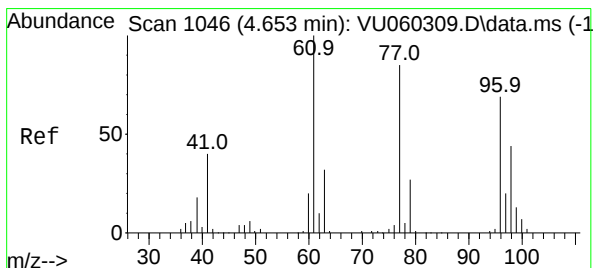
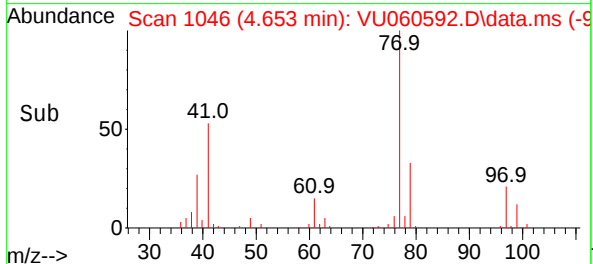
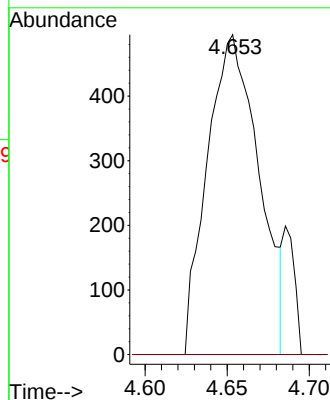
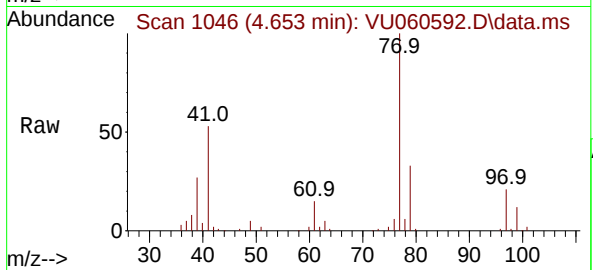




#18
2-Butanone
Concen: 0.360 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.071 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

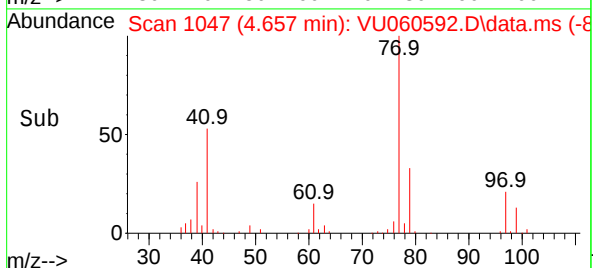
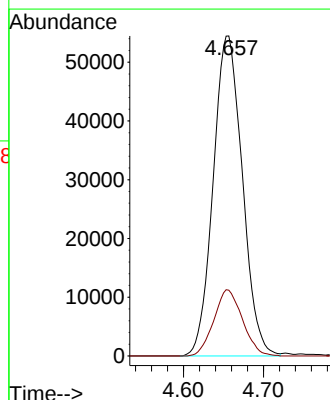
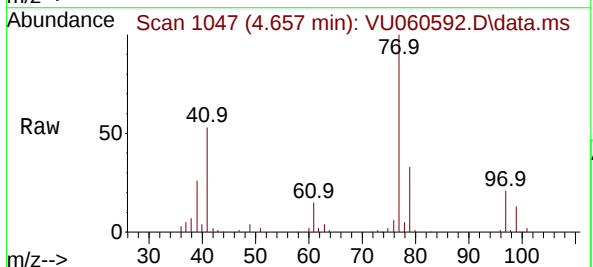
Instrument :
MSVOA_U
ClientSampleId :

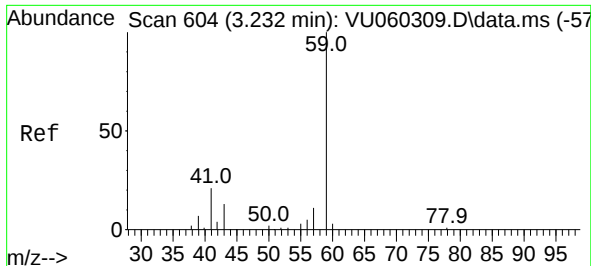
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.4



#21
2,2-Dichloropropane
Concen: 10.506 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

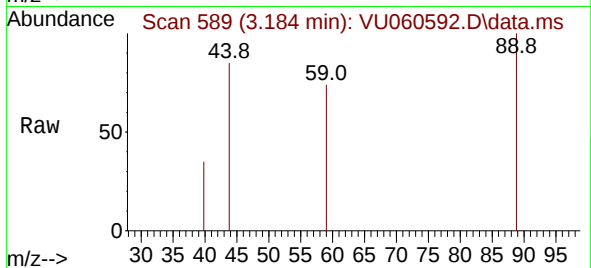
Tgt Ion: 77 Resp: 138017
Ion Ratio Lower Upper
77 100
97 20.3 18.6 27.8



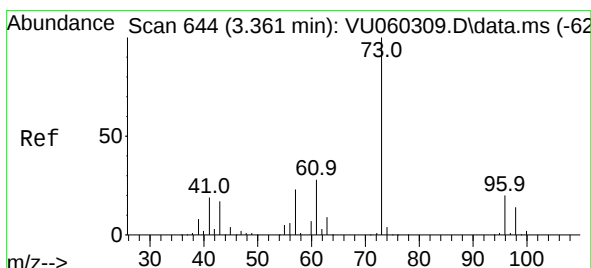
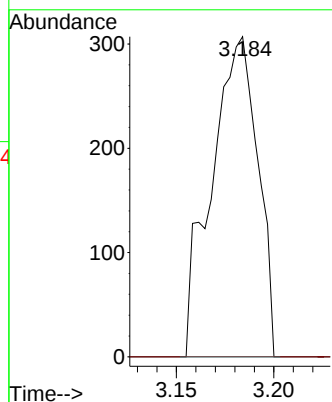
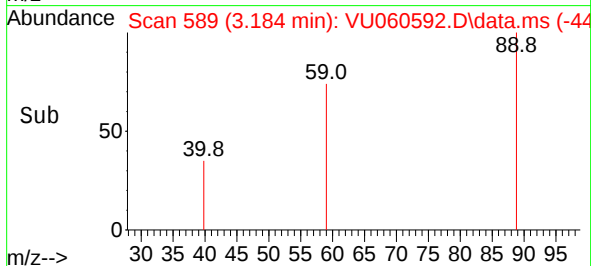


#24
tert-Butyl Alcohol
Concen: 0.610 ug/l
RT: 3.184 min Scan# 507
Delta R.T. -0.048 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

Instrument :
MSVOA_U
ClientSampleId :

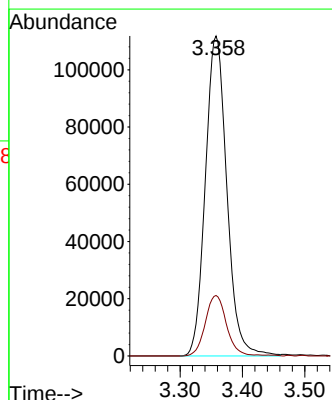
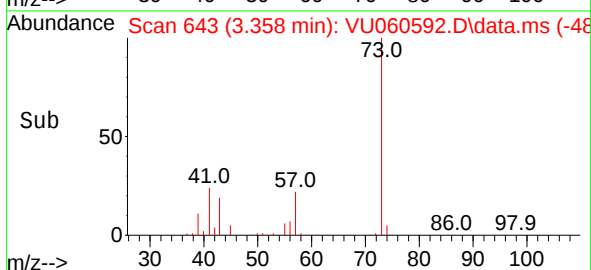
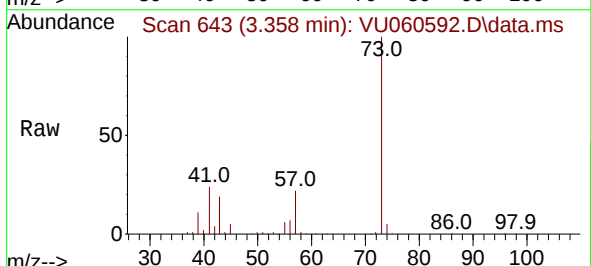


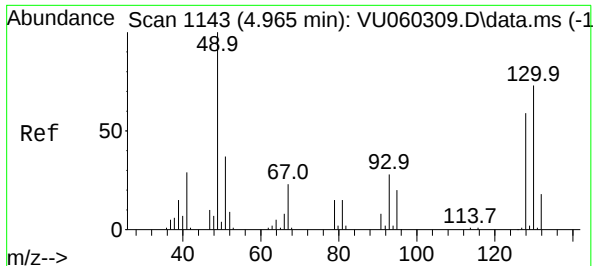
Tgt Ion: 59 Resp: 507
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#25
Methyl tert-Butyl Ether
Concen: 13.327 ug/l
RT: 3.358 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

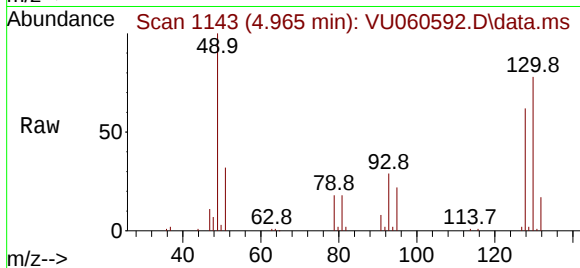
Tgt Ion: 73 Resp: 267896
Ion Ratio Lower Upper
73 100
43 18.6 14.1 21.1



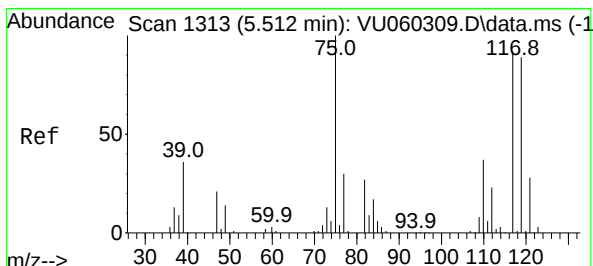
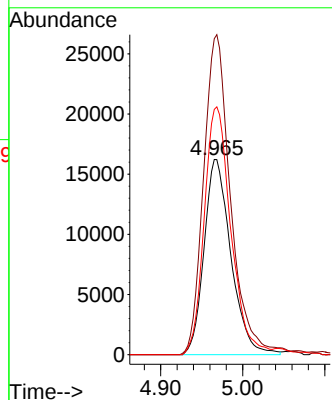
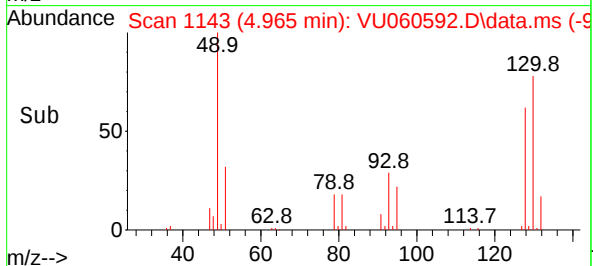


#26
Bromochloromethane
Concen: 9.273 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

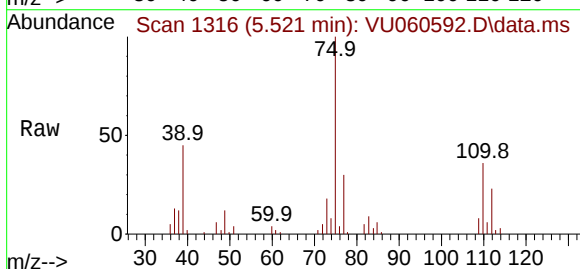
Instrument :
MSVOA_U
ClientSampleId :



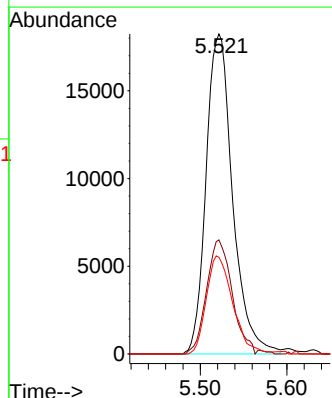
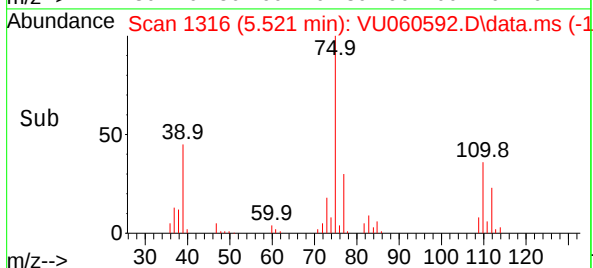
Tgt Ion:128 Resp: 36906
Ion Ratio Lower Upper
128 100
49 165.1 0.0 340.8
130 126.0 102.1 153.1

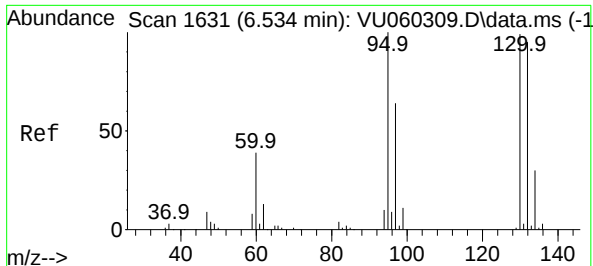


#29
1,1-Dichloropropene
Concen: 3.534 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.010 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06



Tgt Ion: 75 Resp: 38829
Ion Ratio Lower Upper
75 100
110 34.5 18.4 55.2
77 30.4 24.8 37.2

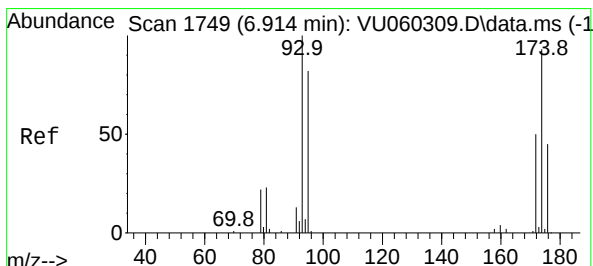
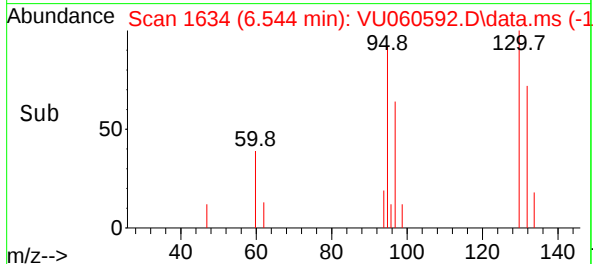
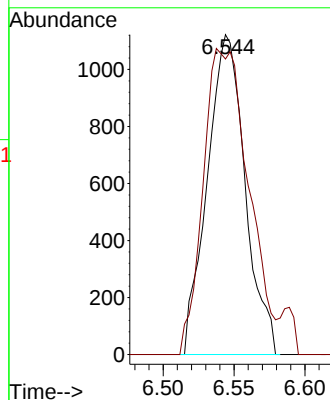
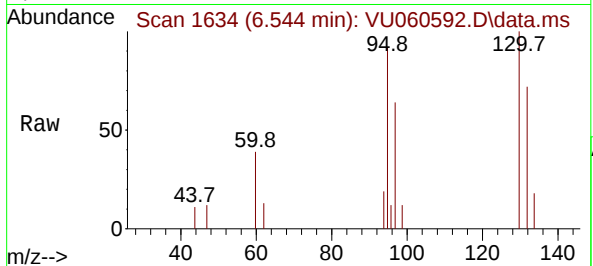




#37
Trichloroethene
Concen: 0.248 ug/l
RT: 6.544 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

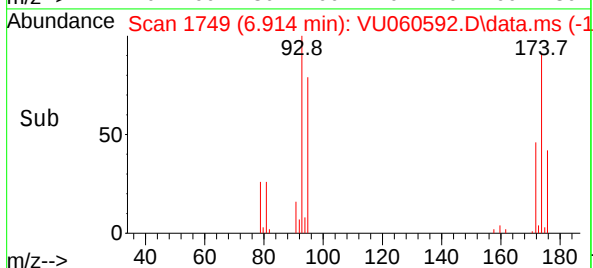
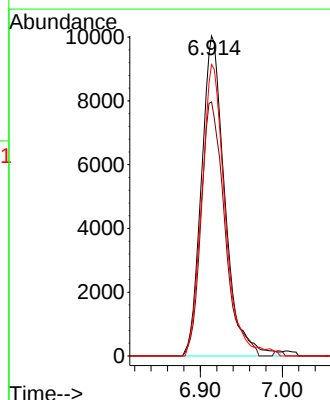
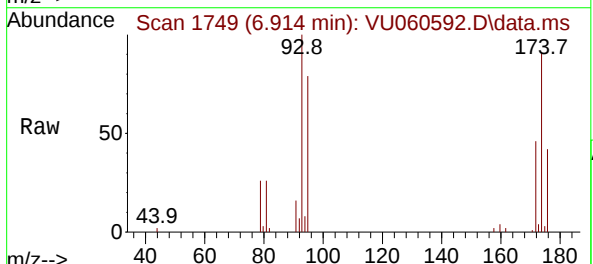
Instrument :
MSVOA_U
ClientSampleId :

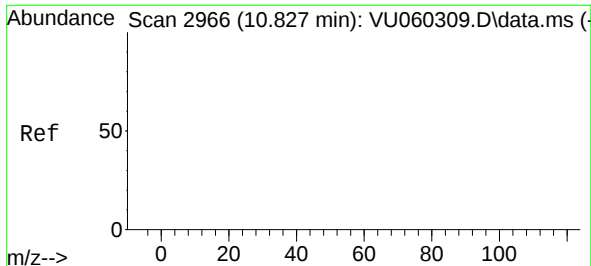
Tgt Ion:130 Resp: 2079
Ion Ratio Lower Upper
130 100
95 92.4 80.6 121.0



#43
Dibromomethane
Concen: 4.285 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

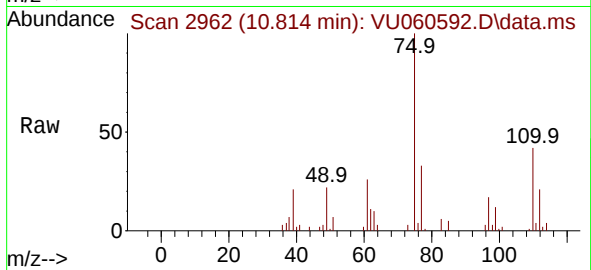
Tgt Ion: 93 Resp: 19850
Ion Ratio Lower Upper
93 100
95 80.1 66.4 99.6
174 90.9 75.2 112.8



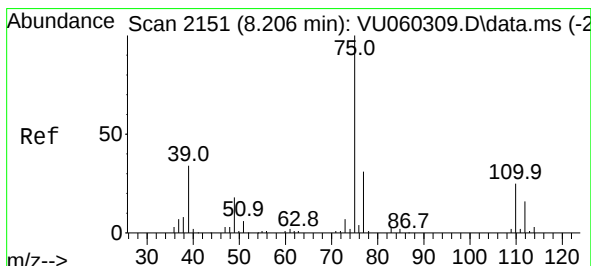
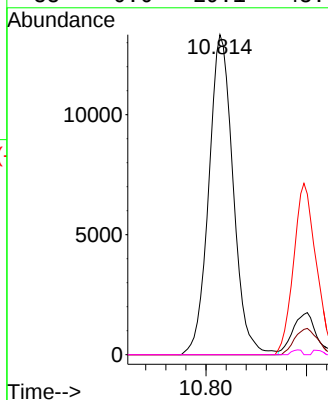
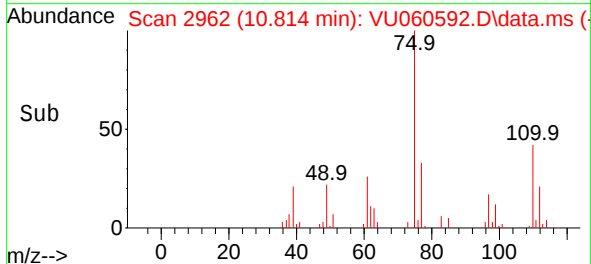


#46
t-1,4-Dichloro-2-butene
Concen: 9.175 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.013 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

Instrument :
MSVOA_U
ClientSampleId :

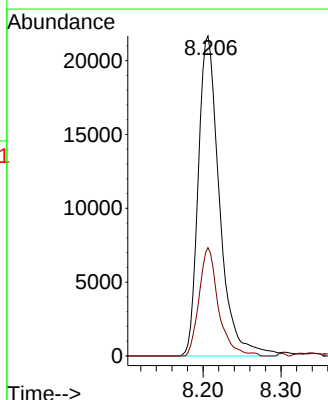
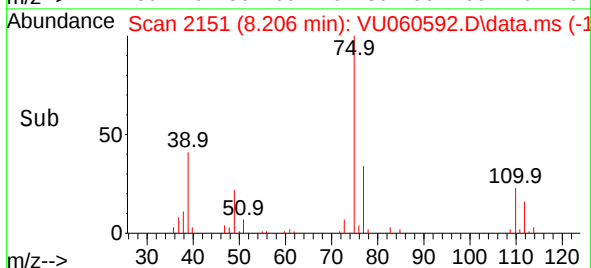
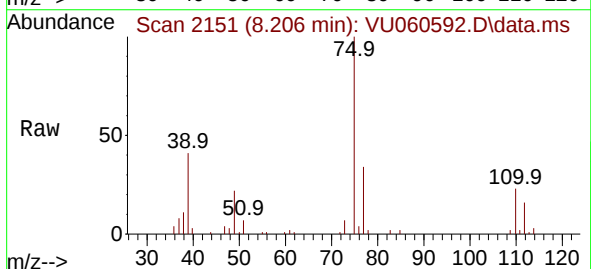


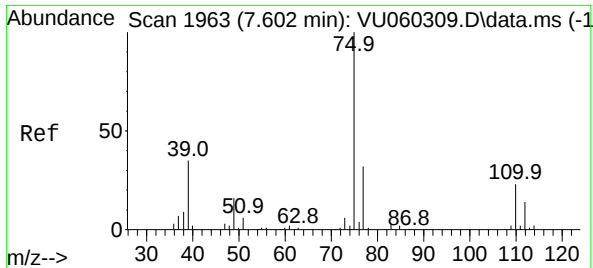
Tgt Ion: 75 Resp: 22365
Ion Ratio Lower Upper
75 100
53 0.0 57.2 85.8#
89 0.0 40.4 60.6#
88 0.6 29.1 43.7#



#50
t-1,3-Dichloropropene
Concen: 4.463 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

Tgt Ion: 75 Resp: 40984
Ion Ratio Lower Upper
75 100
77 33.8 24.6 37.0

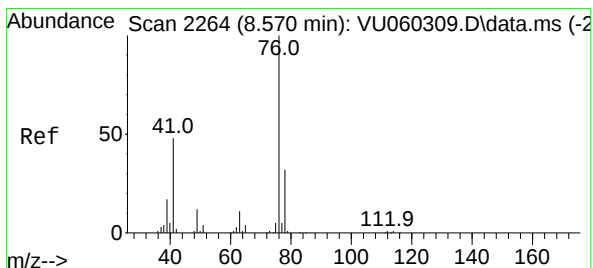
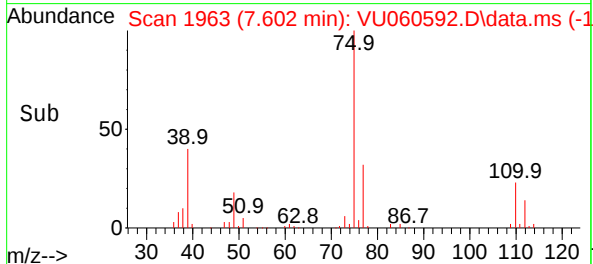
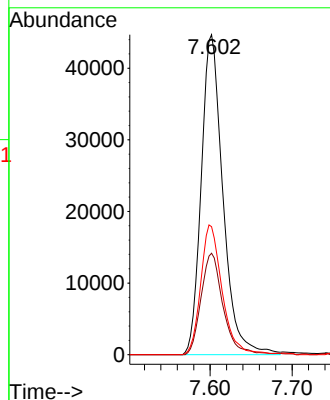
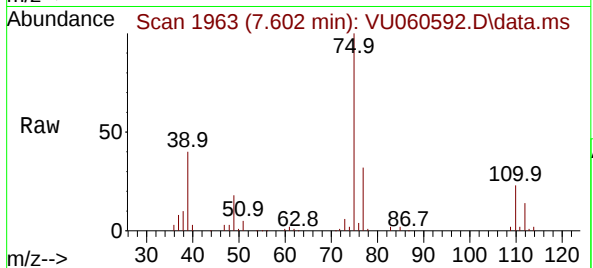




#51
 cis-1,3-Dichloropropene
 Concen: 7.435 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060592.D
 Acq: 03 Sep 2024 18:06

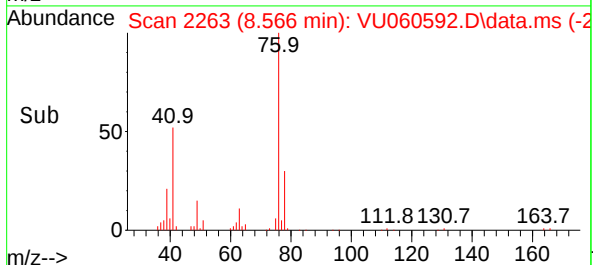
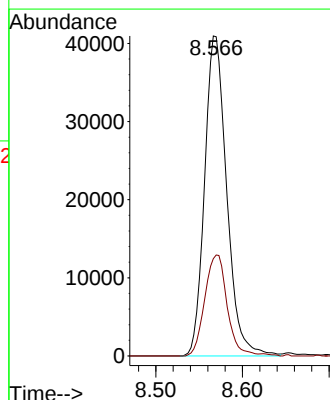
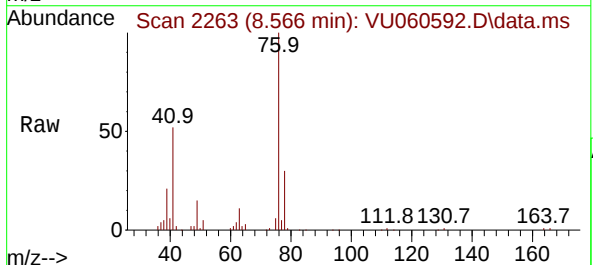
Instrument :
 MSVOA_U
 ClientSampleId :

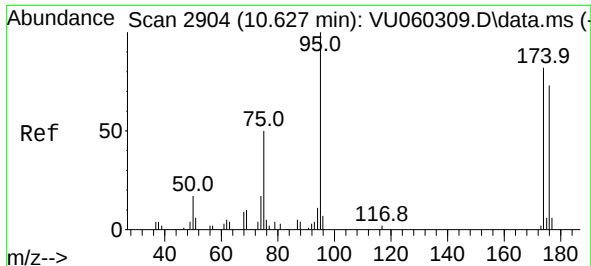
Tgt Ion: 75 Resp: 82133
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 40.0 28.0 42.0



#53
 1,3-Dichloropropane
 Concen: 6.705 ug/l
 RT: 8.566 min Scan# 2263
 Delta R.T. -0.003 min
 Lab File: VU060592.D
 Acq: 03 Sep 2024 18:06

Tgt Ion: 76 Resp: 72752
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2





#57

4-Bromofluorobenzene

Concen: 1.063 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

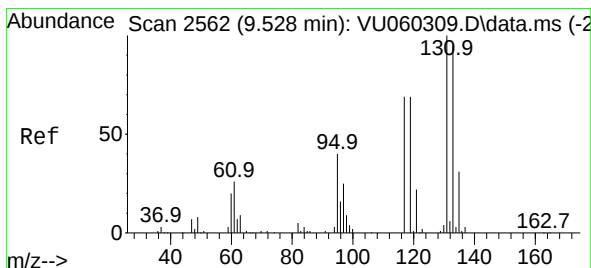
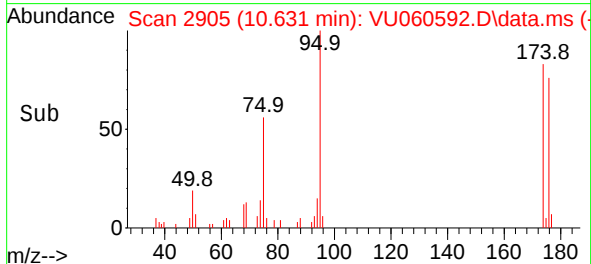
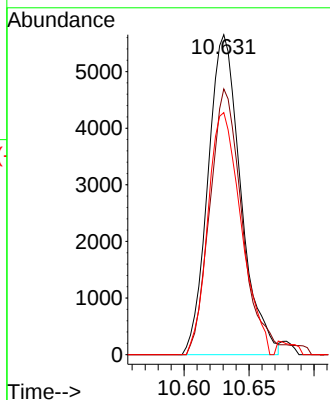
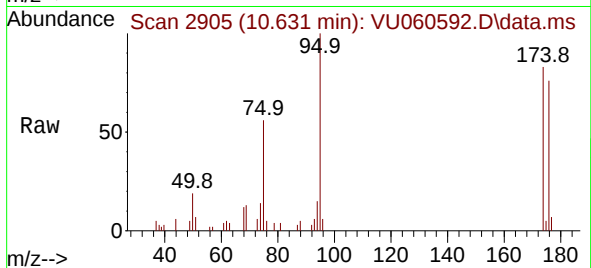
Tgt Ion: 95 Resp: 9921

Ion Ratio Lower Upper

95 100

174 83.6 65.6 98.4

176 76.7 60.4 90.6



#60

1,1,1,2-Tetrachloroethane

Concen: 10.563 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

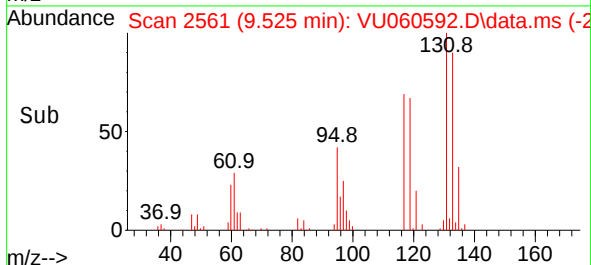
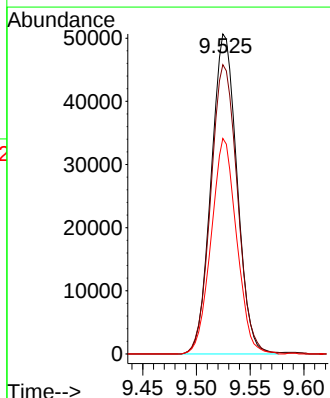
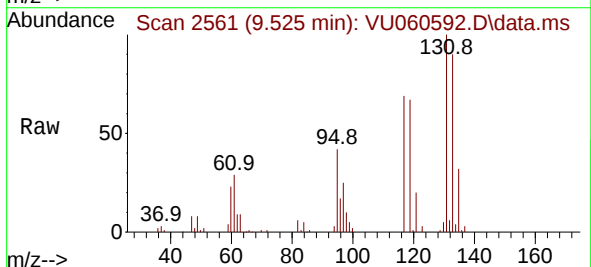
Tgt Ion: 131 Resp: 84588

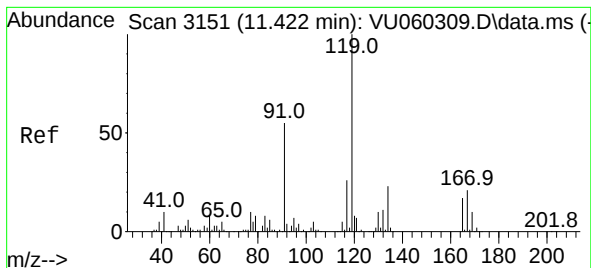
Ion Ratio Lower Upper

131 100

133 93.4 77.2 115.8

119 66.4 55.4 83.2





#61

Pentachloroethane

Concen: 2.572 ug/l

RT: 11.412 min Scan# 3151

Delta R.T. -0.010 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Instrument :

MSVOA_U

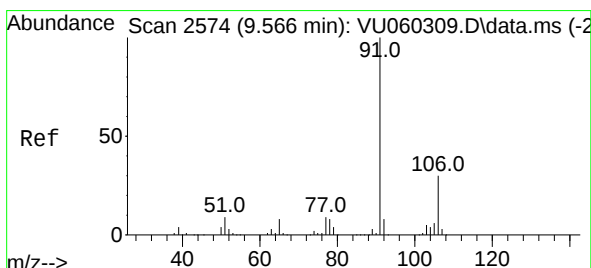
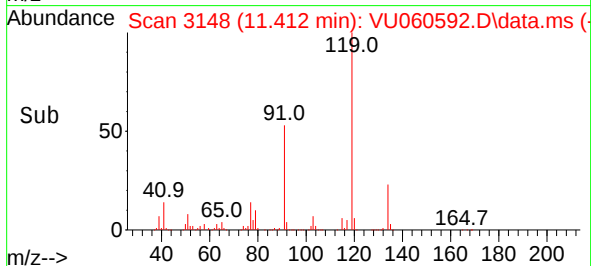
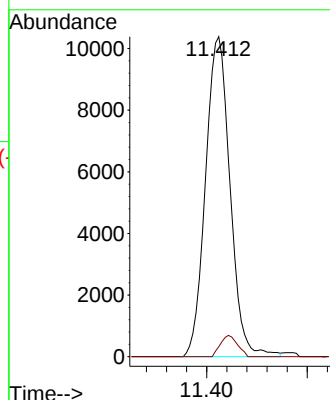
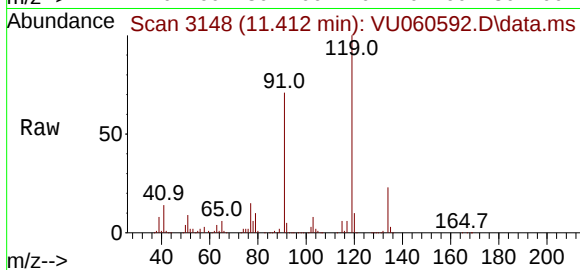
ClientSampleId :

Tgt Ion:117 Resp: 17592

Ion Ratio Lower Upper

117 100

167 4.6 62.2 93.4#



#63

Ethyl Benzene

Concen: 0.533 ug/l

RT: 9.576 min Scan# 2577

Delta R.T. 0.010 min

Lab File: VU060592.D

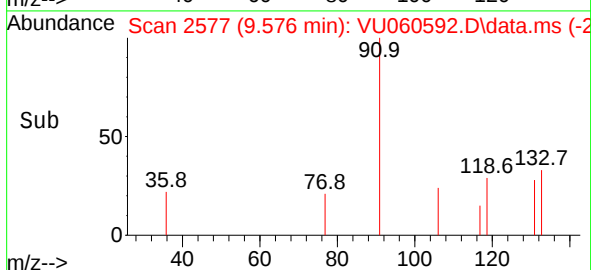
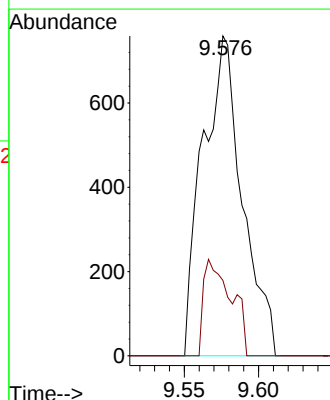
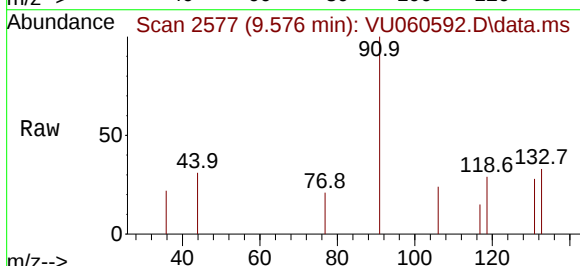
Acq: 03 Sep 2024 18:06

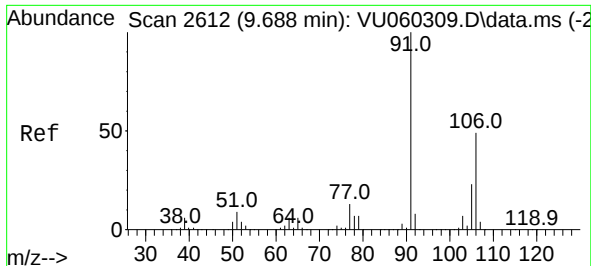
Tgt Ion: 91 Resp: 1406

Ion Ratio Lower Upper

91 100

106 23.6 24.4 36.6#





#64

m/p-Xylenes

Concen: 0.918 ug/l

RT: 9.695 min Scan# 2

Delta R.T. 0.007 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Instrument :

MSVOA_U

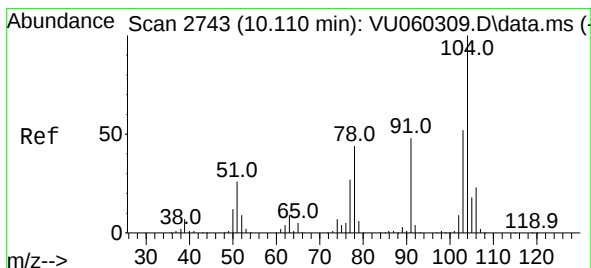
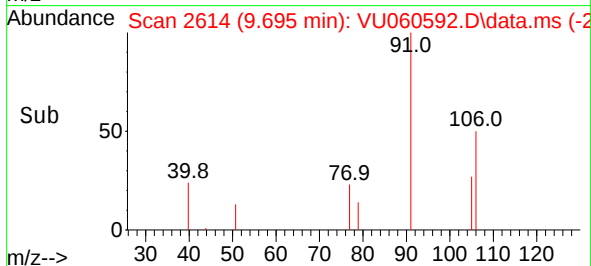
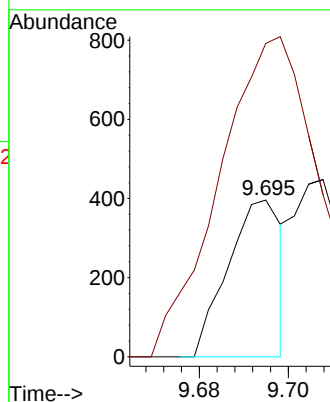
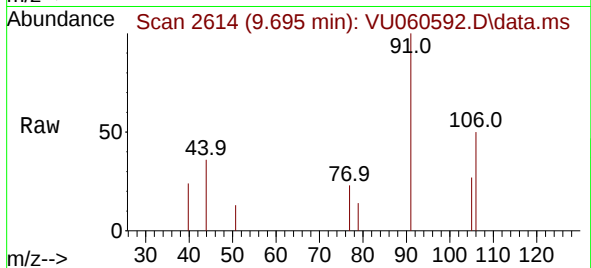
ClientSampleId :

Tgt Ion:106 Resp: 331

Ion Ratio Lower Upper

106 100

91 417.2 165.0 247.4#



#66

Styrene

Concen: 0.501 ug/l

RT: 10.132 min Scan# 2750

Delta R.T. 0.022 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

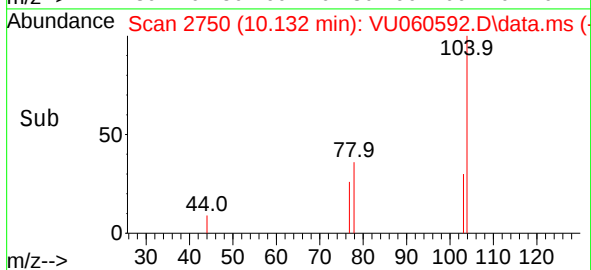
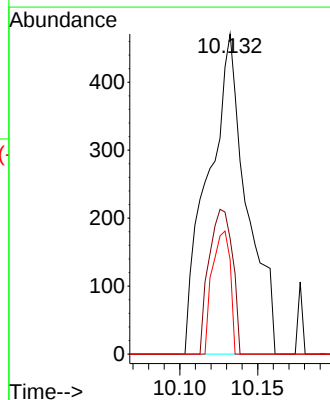
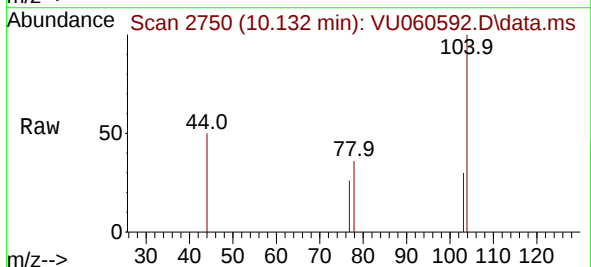
Tgt Ion:104 Resp: 809

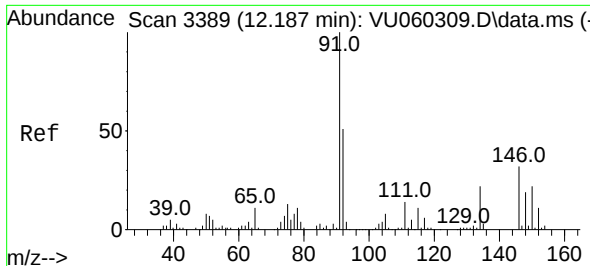
Ion Ratio Lower Upper

104 100

78 0.0 39.0 58.6#

103 0.0 45.0 67.6#





#68

1,2-Dichlorobenzene-d4

Concen: 1.104 ug/l

RT: 12.190 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

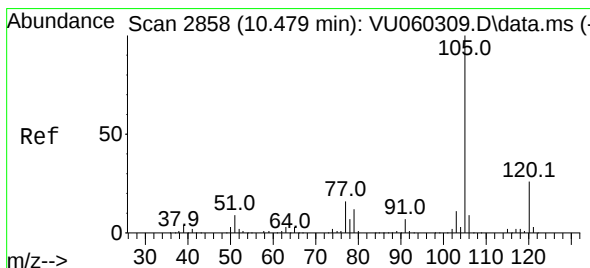
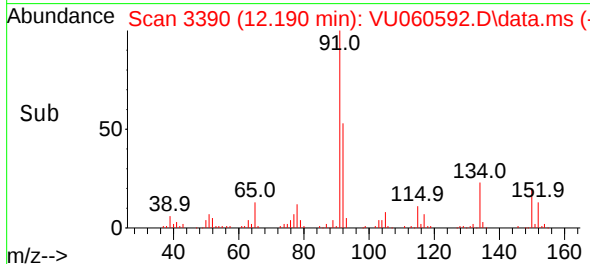
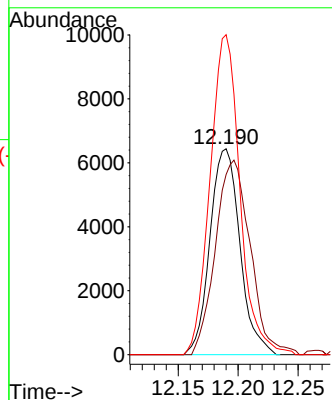
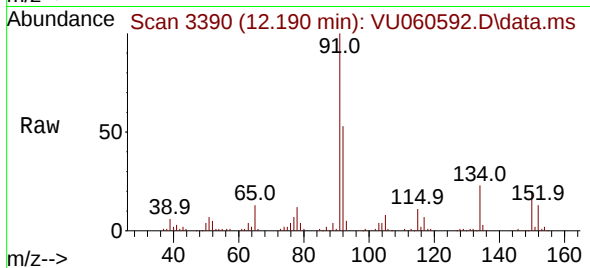
Tgt Ion:152 Resp: 11192

Ion Ratio Lower Upper

152 100

115 109.7 0.0 325.2

150 154.8 0.0 684.2



#69

Isopropylbenzene

Concen: 6.402 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU060592.D

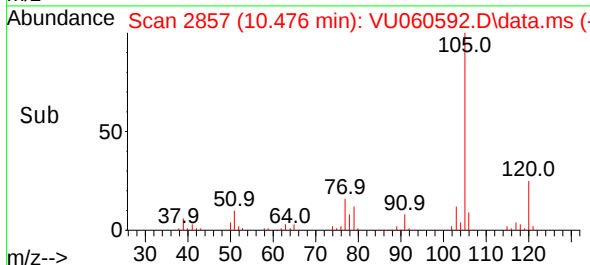
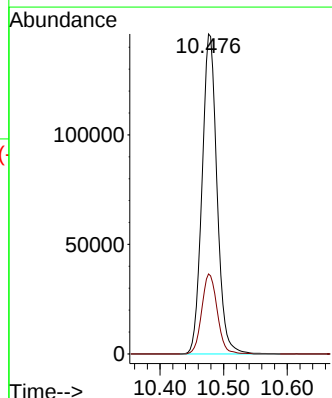
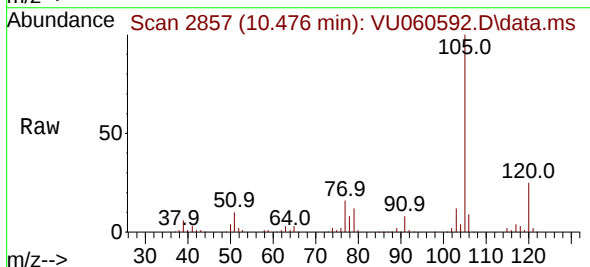
Acq: 03 Sep 2024 18:06

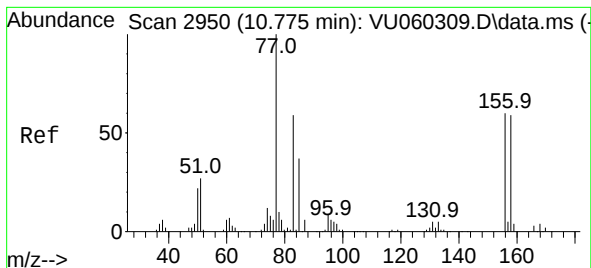
Tgt Ion:105 Resp: 238411

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0





#70

1,1,2,2-Tetrachloroethane

Concen: 6.799 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

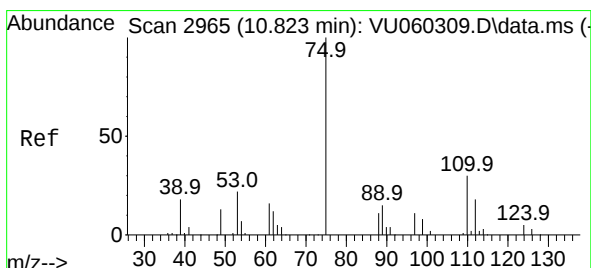
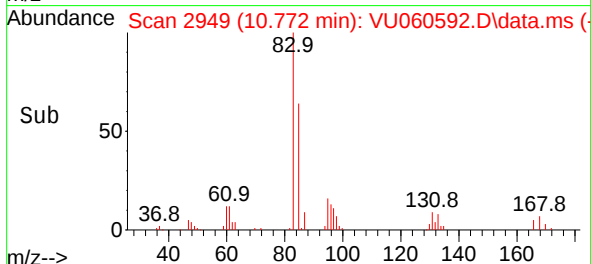
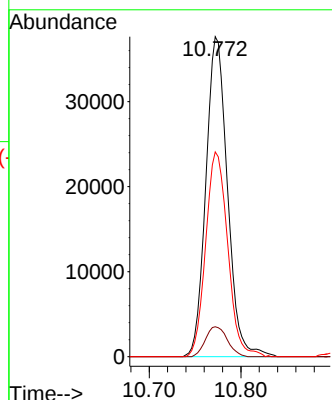
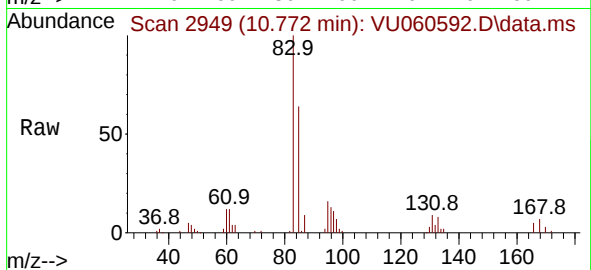
Tgt Ion: 83 Resp: 61527

Ion Ratio Lower Upper

83 100

131 9.5 7.1 10.7

85 65.3 50.9 76.3



#71

1,2,3-Trichloropropane

Concen: 3.337 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.010 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Tgt Ion: 75 Resp: 22365

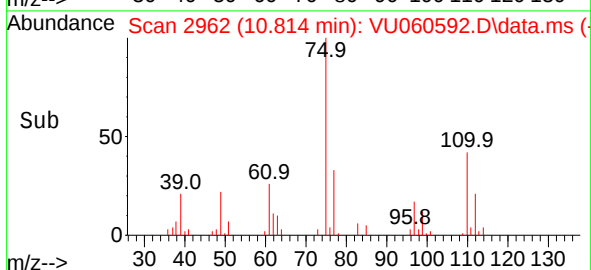
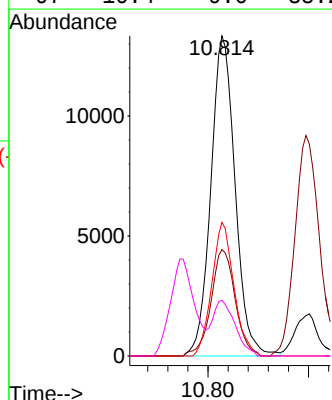
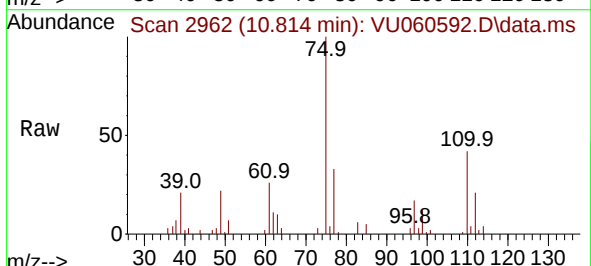
Ion Ratio Lower Upper

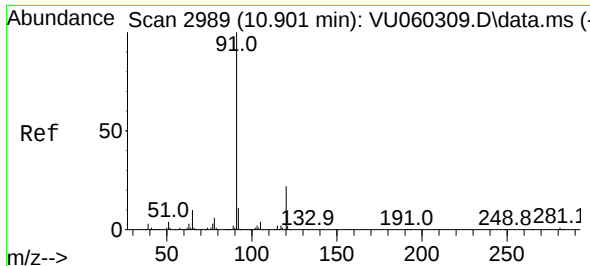
75 100

77 33.0 0.0 102.2

110 38.0 0.0 67.4

97 16.4 0.0 38.2

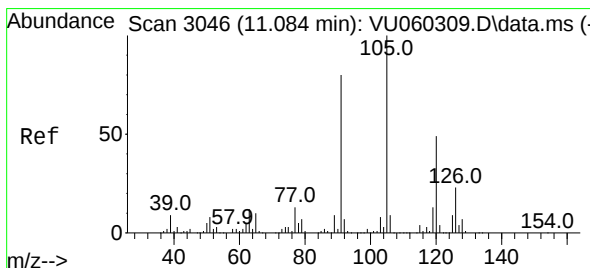
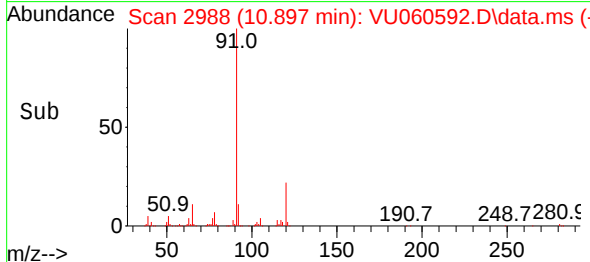
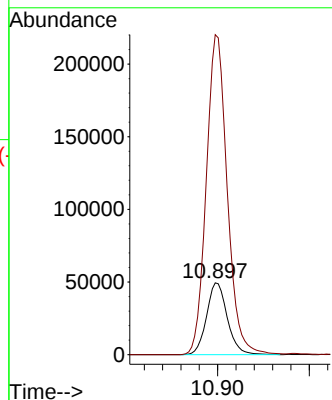
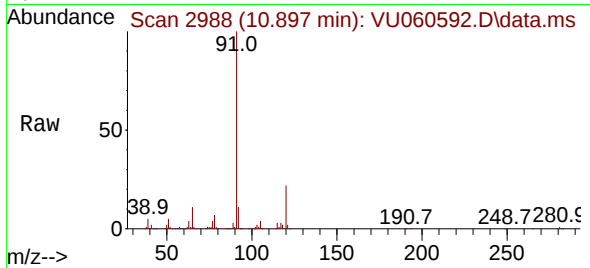




#73
n-propylbenzene
Concen: 7.201 ug/l
RT: 10.897 min Scan# 2989
Delta R.T. -0.004 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

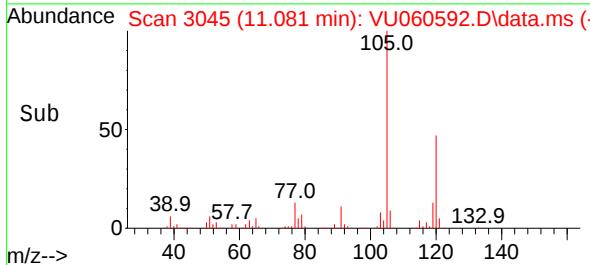
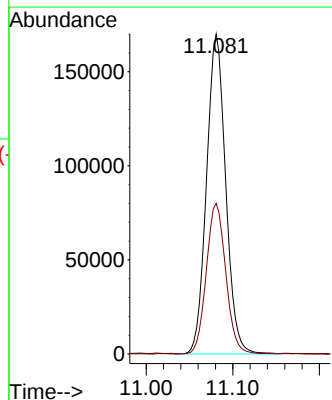
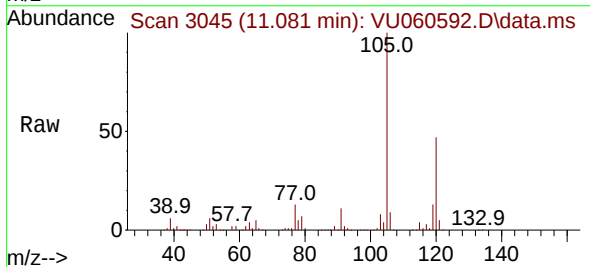
Instrument :
MSVOA_U
ClientSampleId :

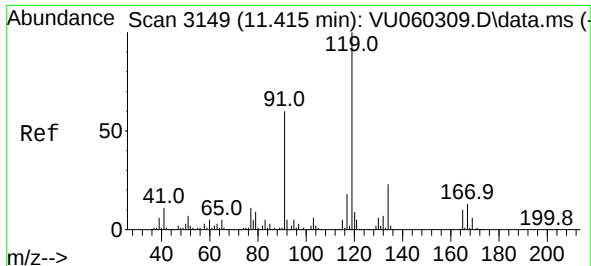
Tgt Ion:120 Resp: 77642
Ion Ratio Lower Upper
120 100
91 450.5 362.2 543.2



#75
1,3,5-Trimethylbenzene
Concen: 7.765 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

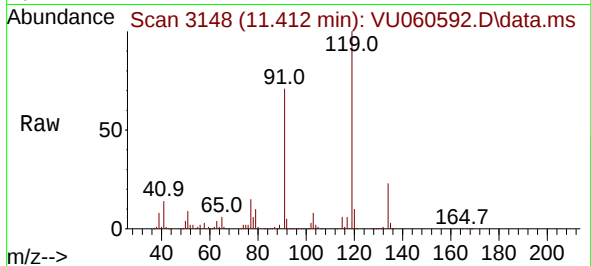
Tgt Ion:105 Resp: 261820
Ion Ratio Lower Upper
105 100
120 47.5 38.6 57.8



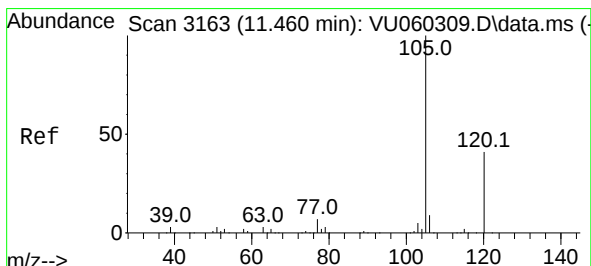
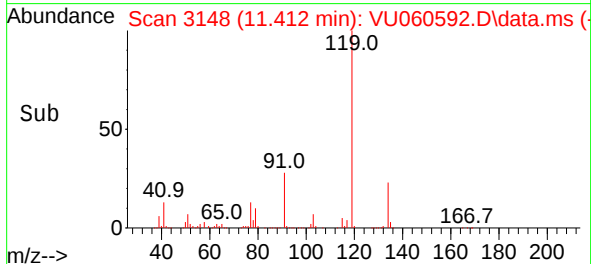
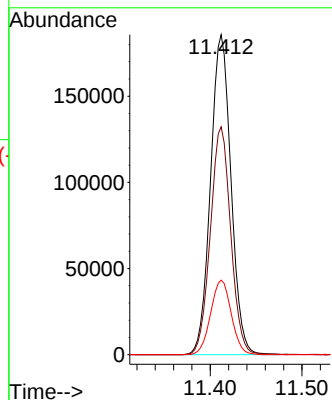


#77
tert-Butylbenzene
Concen: 8.939 ug/l
RT: 11.412 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

Instrument :
MSVOA_U
ClientSampleId :

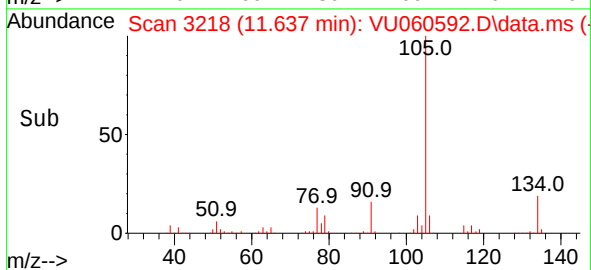
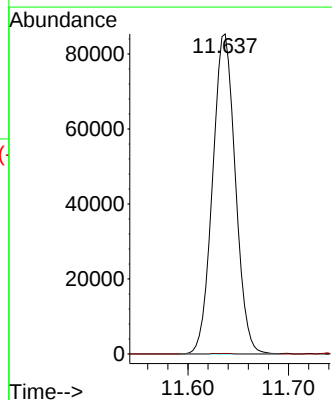
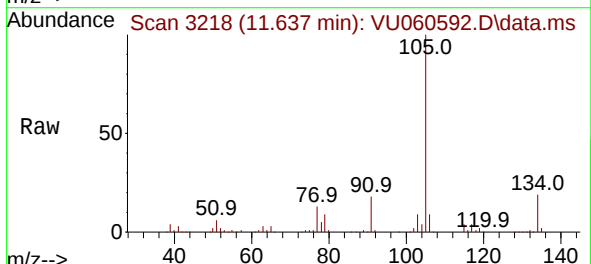


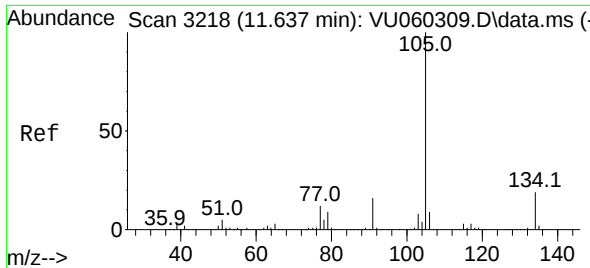
Tgt Ion:119 Resp: 287069
Ion Ratio Lower Upper
119 100
91 70.9 29.0 87.1
134 23.5 17.8 26.8



#78
1,2,4-Trimethylbenzene
Concen: 4.077 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.177 min
Lab File: VU060592.D
Acq: 03 Sep 2024 18:06

Tgt Ion:105 Resp: 134279
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.7#

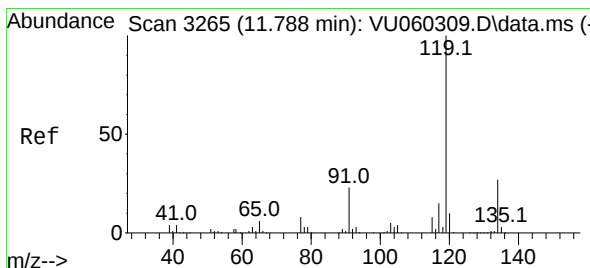
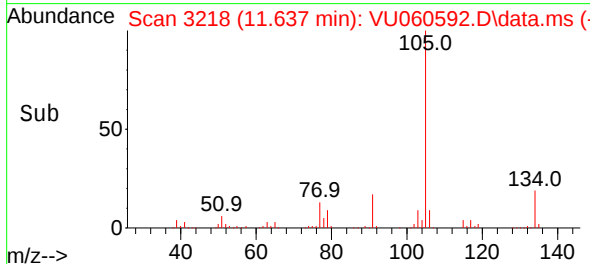
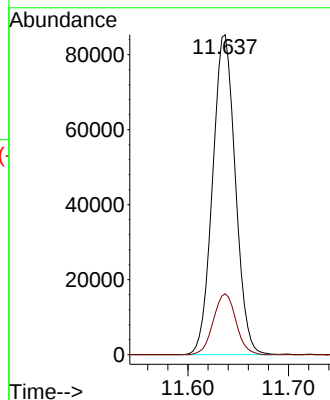
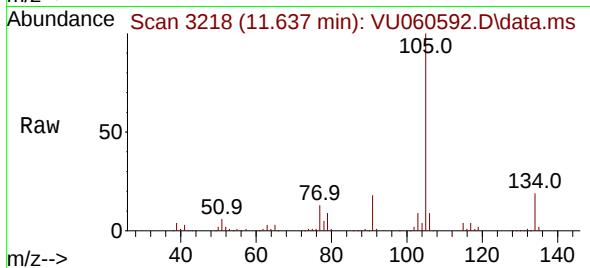




#79
 sec-Butylbenzene
 Concen: 3.348 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. -0.000 min
 Lab File: VU060592.D
 Acq: 03 Sep 2024 18:06

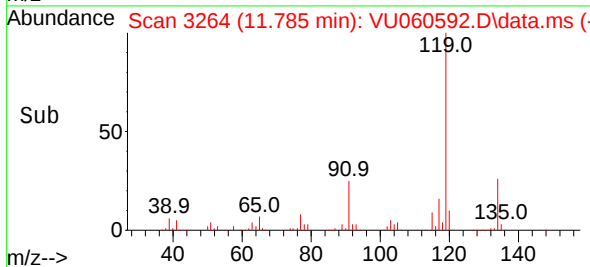
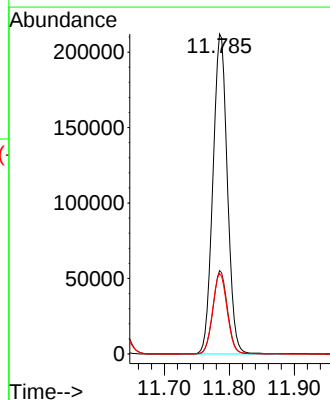
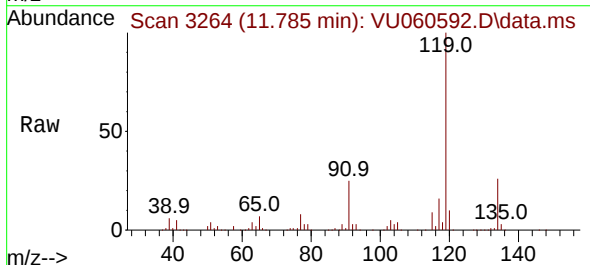
Instrument :
 MSVOA_U
 ClientSampleId :

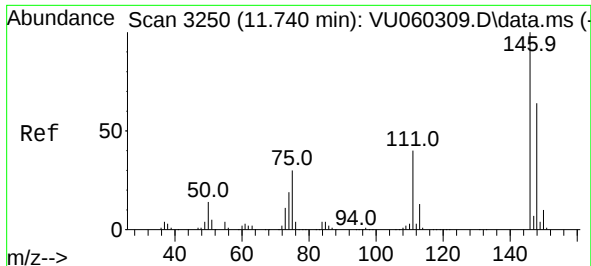
Tgt Ion:105 Resp: 134279
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3



#81
 p-Isopropyltoluene
 Concen: 8.947 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.003 min
 Lab File: VU060592.D
 Acq: 03 Sep 2024 18:06

Tgt Ion:119 Resp: 327245
 Ion Ratio Lower Upper
 119 100
 134 25.9 21.2 31.8
 91 25.3 18.9 28.3





#82

1,3-Dichlorobenzene

Concen: 3.227 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

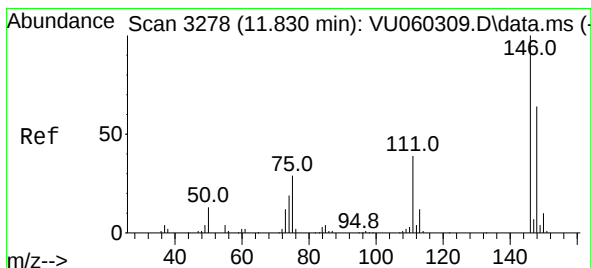
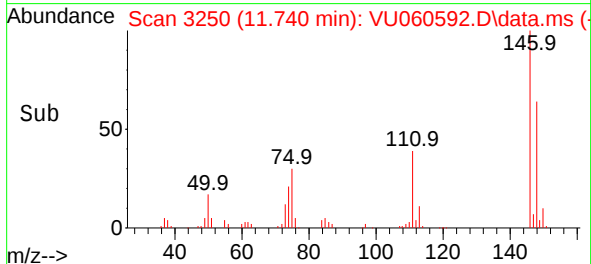
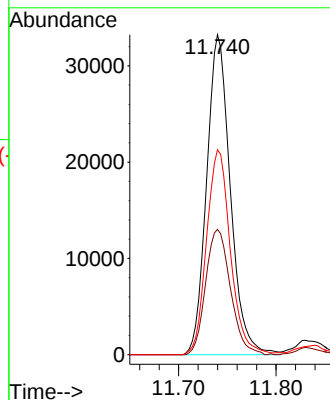
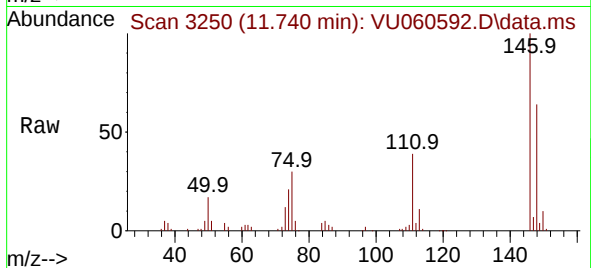
Tgt Ion:146 Resp: 56195

Ion Ratio Lower Upper

146 100

111 40.9 32.0 48.0

148 64.6 51.4 77.0



#83

1,4-Dichlorobenzene

Concen: 3.251 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. -0.090 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

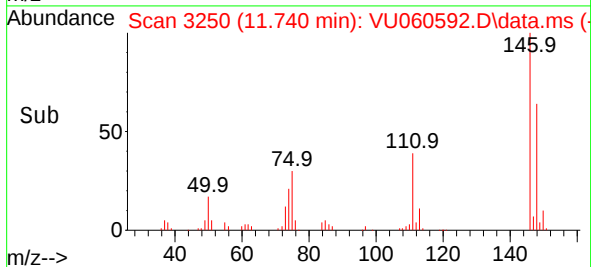
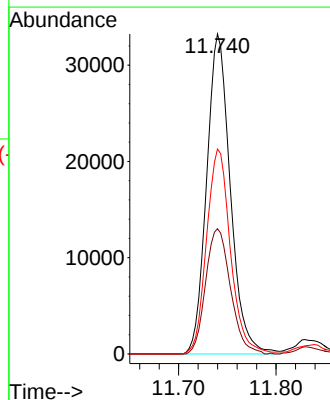
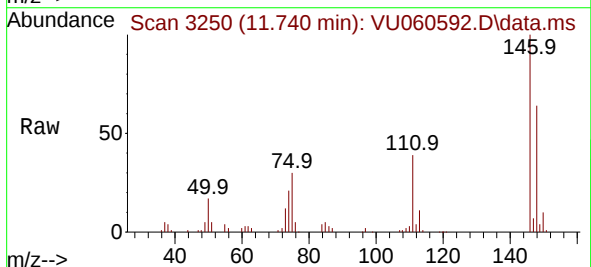
Tgt Ion:146 Resp: 56195

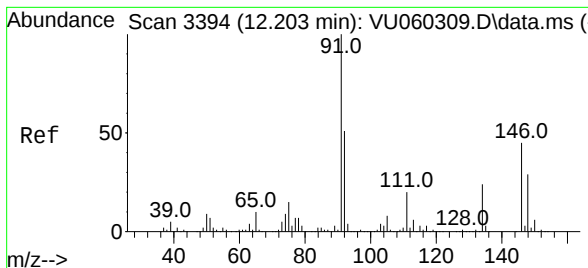
Ion Ratio Lower Upper

146 100

111 40.9 30.9 46.3

148 64.6 51.8 77.6





#84

n-Butylbenzene

Concen: 4.567 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

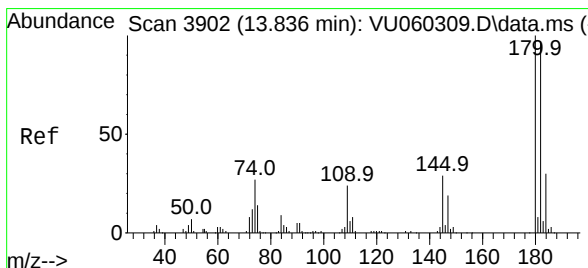
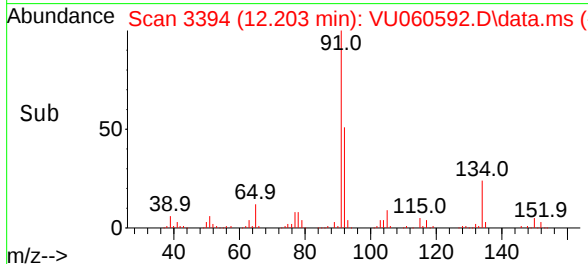
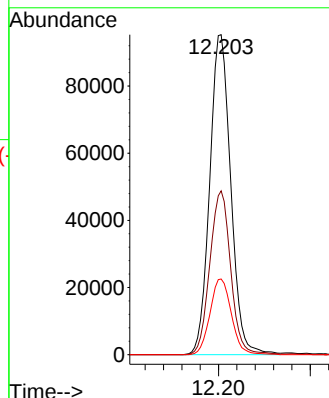
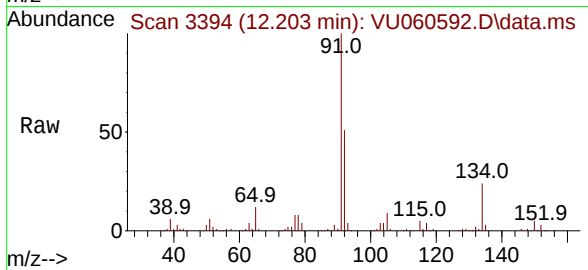
Tgt Ion: 91 Resp: 151925

Ion Ratio Lower Upper

91 100

92 50.7 41.0 61.6

134 24.0 19.4 29.2



#87

1,2,4-Trichlorobenzene

Concen: 0.315 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

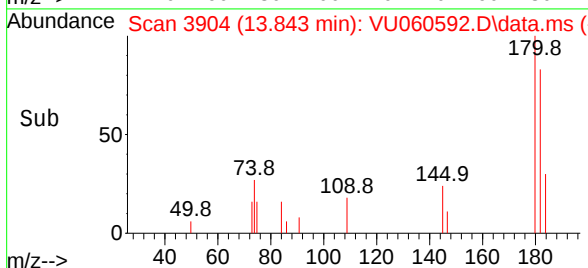
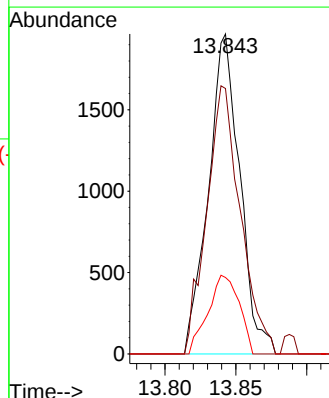
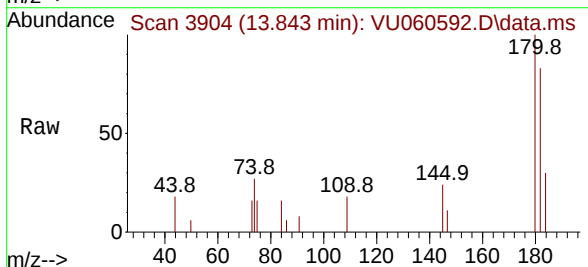
Tgt Ion:180 Resp: 3030

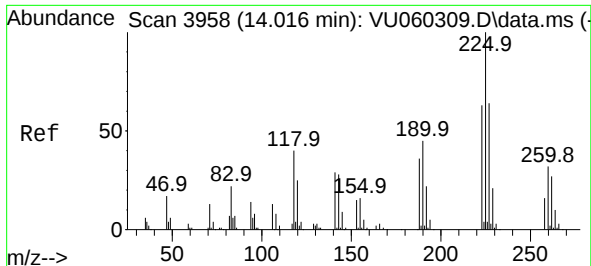
Ion Ratio Lower Upper

180 100

182 89.9 76.8 115.2

145 24.4 23.4 35.0





#88

Hexachlorobutadiene

Concen: 18.637 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

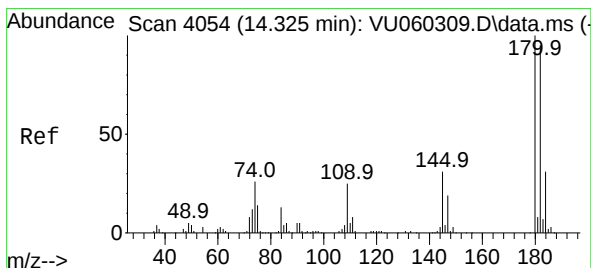
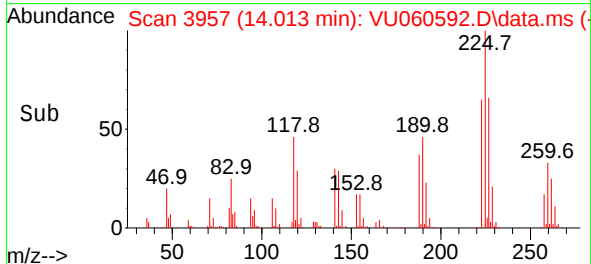
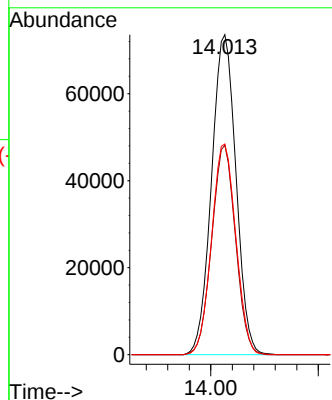
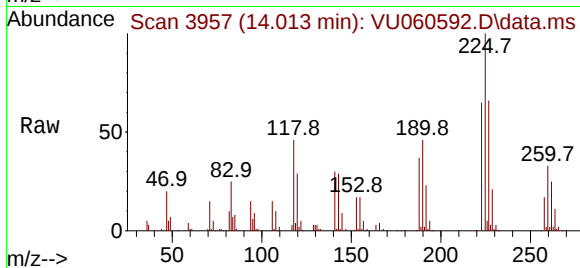
Tgt Ion:225 Resp: 116082

Ion Ratio Lower Upper

225 100

223 63.5 50.8 76.2

227 65.3 50.8 76.2



#90

1,2,3-Trichlorobenzene

Concen: 8.807 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU060592.D

Acq: 03 Sep 2024 18:06

Tgt Ion:180 Resp: 82818

Ion Ratio Lower Upper

180 100

182 96.3 76.1 114.1

145 31.4 25.0 37.6

