

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060346.D
 Acq On : 07 Aug 2024 19:34
 Operator : MD/SY
 Sample : P3204-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 06:04:12 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	6.113	96	29625	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	11742	1.163	ug/l	0.00
Spiked Amount	1.000		Recovery	=	116.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13521	1.233	ug/l	0.00
Spiked Amount	1.000		Recovery	=	123.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.518	50	228913	17.571	ug/l	99
5) Bromomethane	1.856	94	369249	46.140	ug/l	99
10) Iodomethane	2.718	142	3999	0.305	ug/l	95
12) Acrylonitrile	3.351	53	6471	2.796	ug/l	# 29
13) Acetone	2.660	43	1439	0.512	ug/l	# 85
15) Methylene Chloride	3.042	84	8854	0.799	ug/l	93
17) 1,1-Dichloroethane	3.859	63	180591	9.898	ug/l	97
18) 2-Butanone	4.653	43	2080	0.641	ug/l	75
21) 2,2-Dichloropropane	4.656	77	210861	14.840	ug/l	97
22) cis-1,2-Dichloroethene	4.653	96	2283	0.225	ug/l	# 1
24) tert-Butyl Alcohol	3.181	59	2973	3.307	ug/l	# 83
25) Methyl tert-Butyl Ether	3.357	73	556234	25.583	ug/l	97
26) Bromochloromethane	4.968	128	59972	13.932	ug/l	89
29) 1,1-Dichloropropene	5.521	75	144347	12.147	ug/l	100
37) Trichloroethene	6.537	130	3375	0.372	ug/l	99
43) Dibromomethane	6.910	93	104921	20.938	ug/l	96
46) t-1,4-Dichloro-2-butene	10.814	75	113450	43.030	ug/l	# 24
50) t-1,3-Dichloropropene	8.203	75	173235	17.441	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	84975	7.112	ug/l	98
53) 1,3-Dichloropropane	8.566	76	252298	21.497	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	191347	22.093	ug/l	99
61) Pentachloroethane	11.409	117	29239	3.953	ug/l	# 12
63) Ethyl Benzene	9.573	91	487	0.510	ug/l	# 44
64) m/p-Xylenes	9.714	106	46	0.901	ug/l	# 1
69) Isopropylbenzene	10.479	105	506658	12.120	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	192991	19.717	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	113450	15.648	ug/l	84
72) Bromobenzene	10.775	156	34458	3.817	ug/l	95
73) n-propylbenzene	10.897	120	191005	15.757	ug/l	95
74) 2-Chlorotoluene	10.978	126	207745	19.463	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	261030	7.193	ug/l	99
76) 4-Chlorotoluene	11.090	126	107669	9.769	ug/l	92
77) tert-Butylbenzene	11.412	119	574065	16.149	ug/l	90
78) 1,2,4-Trimethylbenzene	11.460	105	651876	16.567	ug/l	99
79) sec-Butylbenzene	11.637	105	692623	14.262	ug/l	99
81) p-Isopropyltoluene	11.785	119	512412	12.720	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	398820	21.177	ug/l	100
83) 1,4-Dichlorobenzene	11.737	146	398820	21.332	ug/l	98
84) n-Butylbenzene	12.203	91	643542	16.399	ug/l	100
88) Hexachlorobutadiene	14.013	225	58790	8.727	ug/l	100
89) Naphthalene	14.081	128	574224	31.152	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	588246	57.834	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration

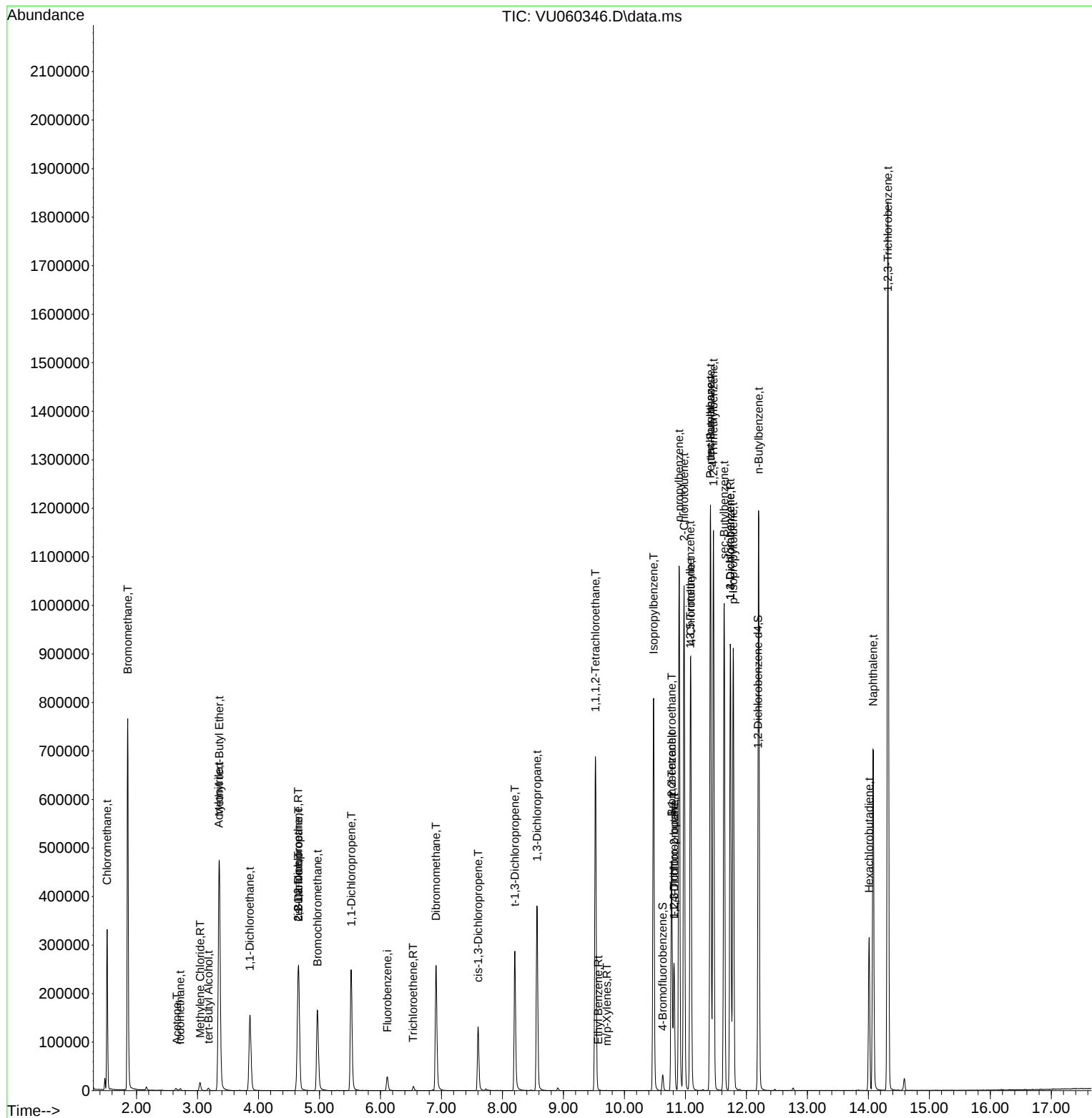
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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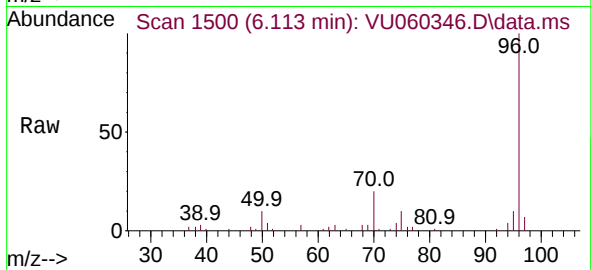
Quant Time: Aug 08 06:04:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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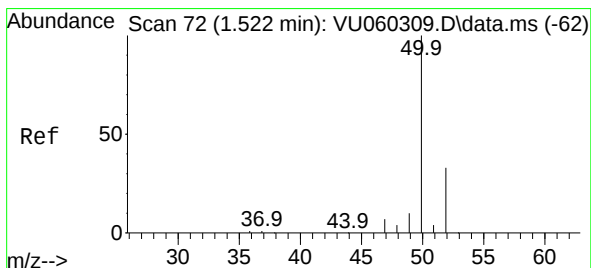
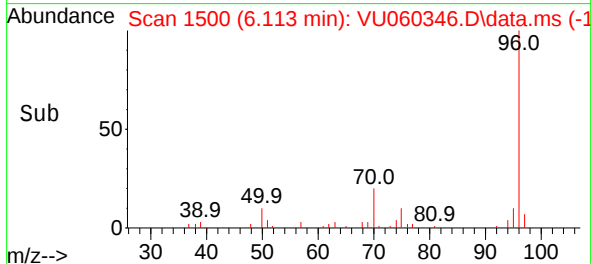
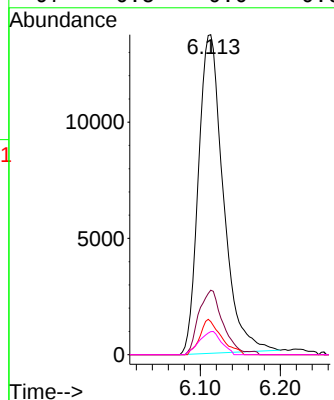


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1498
Delta R.T. 0.006 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Instrument :
MSVOA_U
ClientSampleId :

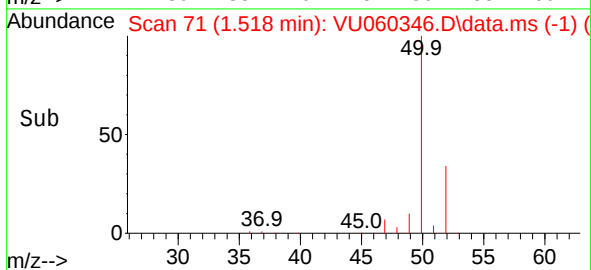
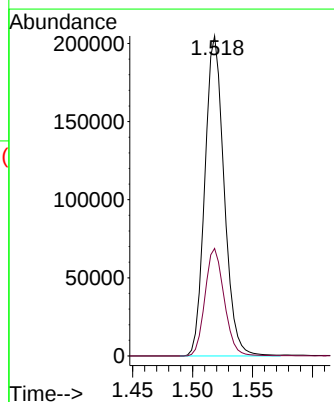
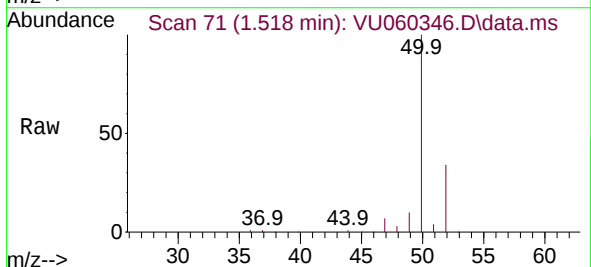


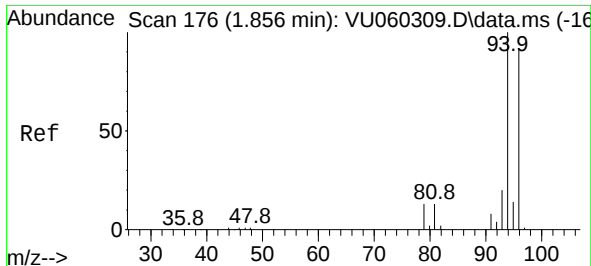
Tgt Ion: 96 Resp: 29625
Ion Ratio Lower Upper
96 100
70 18.5 17.2 25.8
95 9.5 7.9 11.9
97 6.5 0.0 0.0#



#3
Chloromethane
Concen: 17.571 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion: 50 Resp: 228913
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7

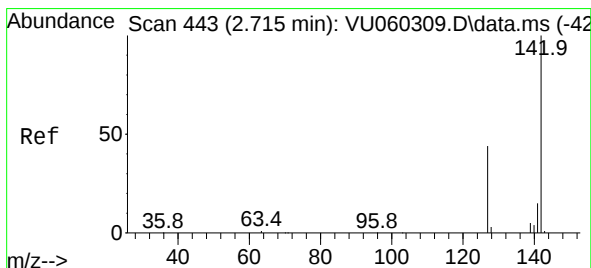
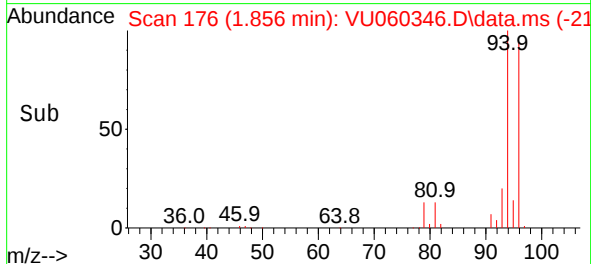
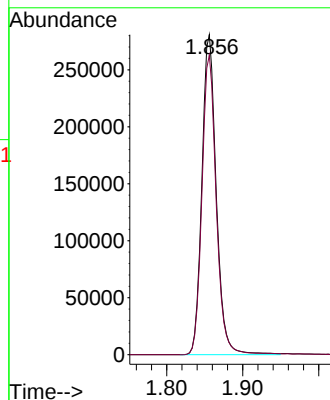
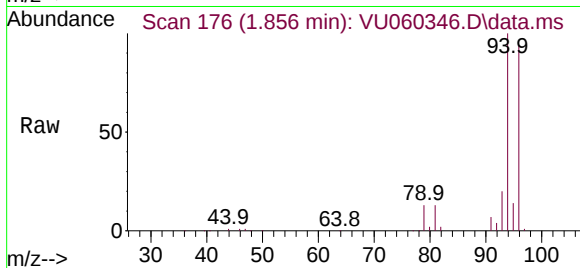




#5
Bromomethane
Concen: 46.140 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

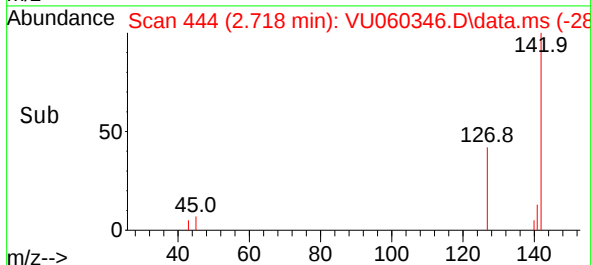
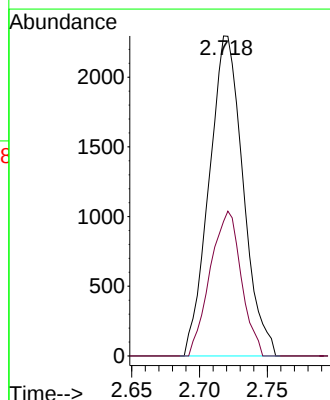
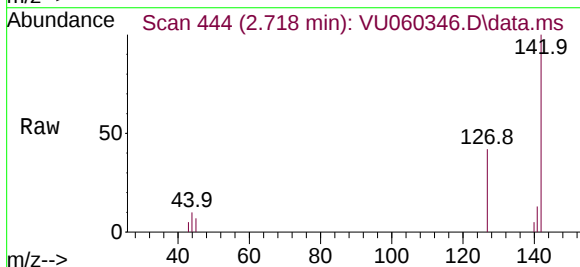
Instrument :
MSVOA_U
ClientSampleId :

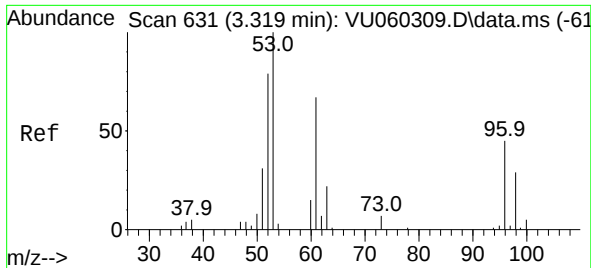
Tgt Ion: 94 Resp: 369249
Ion Ratio Lower Upper
94 100
96 93.6 73.8 110.8



#10
Iodomethane
Concen: 0.305 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion:142 Resp: 3999
Ion Ratio Lower Upper
142 100
127 41.5 35.5 53.3





#12

Acrylonitrile

Concen: 2.796 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.032 min

Lab File: VU060346.D

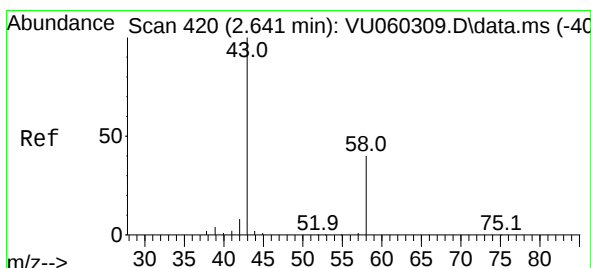
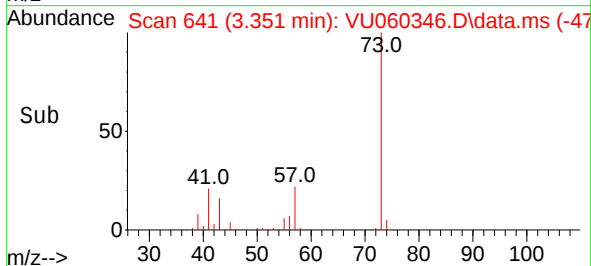
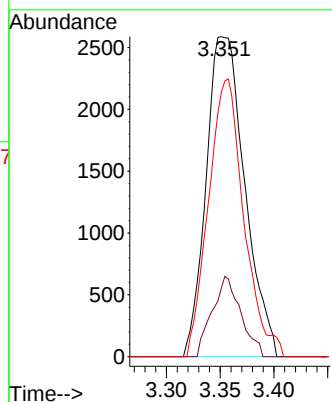
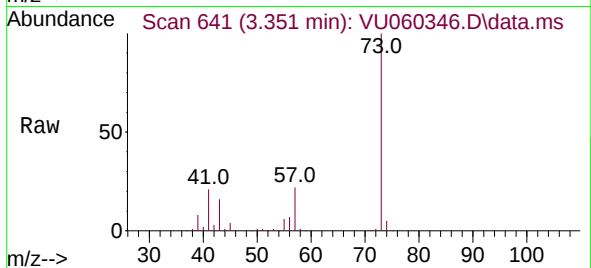
Acq: 07 Aug 2024 19:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 53	Resp: 6471
Ion Ratio	Lower Upper
53	100
52	18.5 63.7 95.5#
51	79.2 28.2 42.4#



#13

Acetone

Concen: 0.512 ug/l

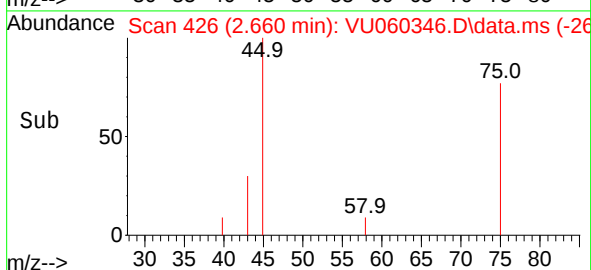
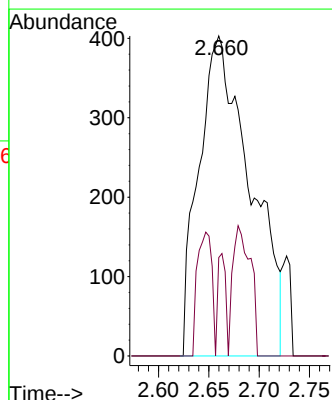
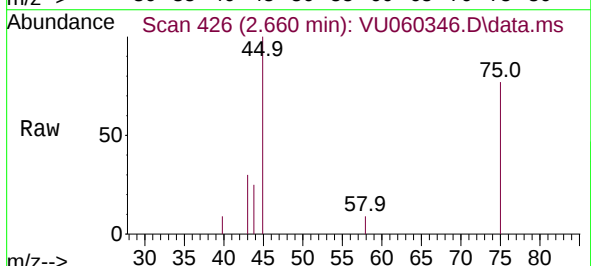
RT: 2.660 min Scan# 426

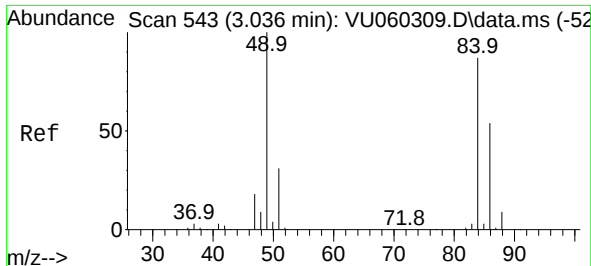
Delta R.T. 0.019 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

Tgt Ion: 43	Resp: 1439
Ion Ratio	Lower Upper
43	100
58	30.8 31.8 47.8#





#15

Methylene Chloride

Concen: 0.799 ug/l

RT: 3.042 min Scan# 543

Delta R.T. 0.006 min

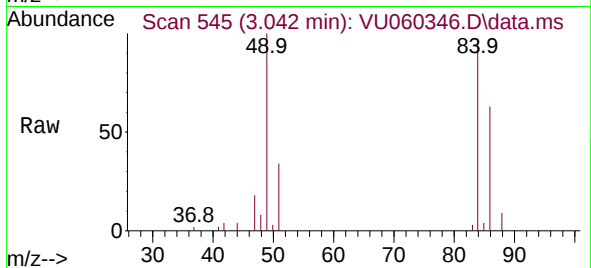
Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 8854

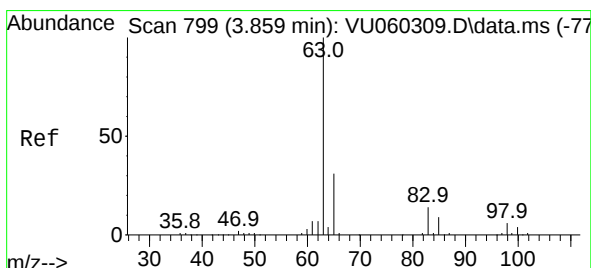
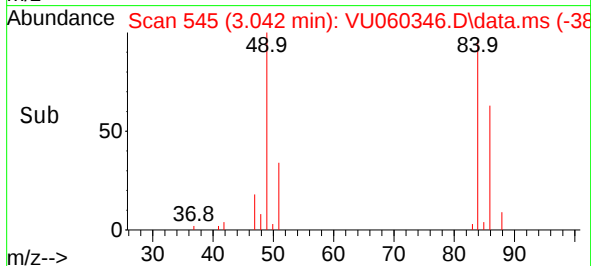
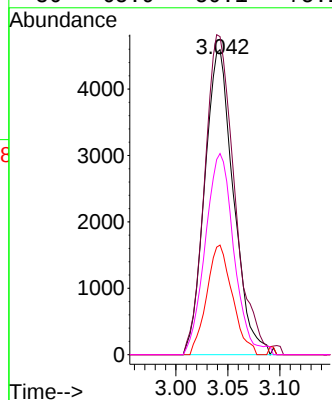
Ion Ratio Lower Upper

84 100

49 104.3 92.1 138.1

51 35.9 0.0 72.4

86 65.9 50.1 75.1



#17

1,1-Dichloroethane

Concen: 9.898 ug/l

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

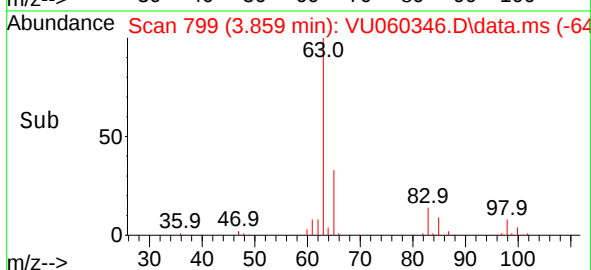
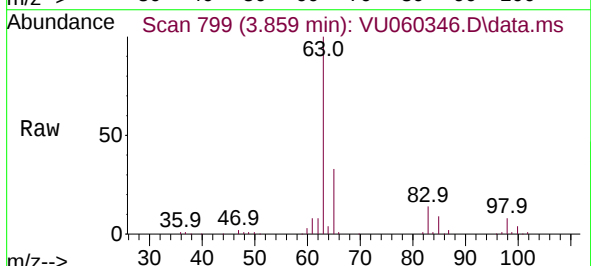
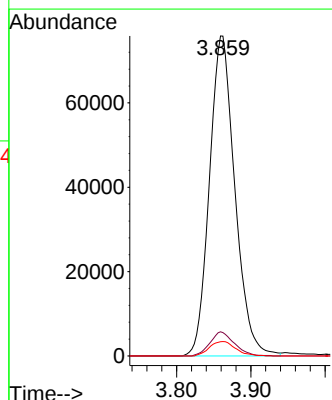
Tgt Ion: 63 Resp: 180591

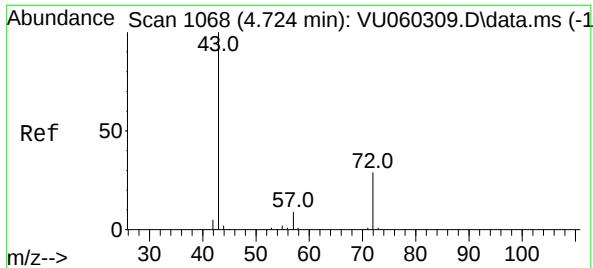
Ion Ratio Lower Upper

63 100

98 7.5 3.1 9.4

100 4.5 2.0 5.8

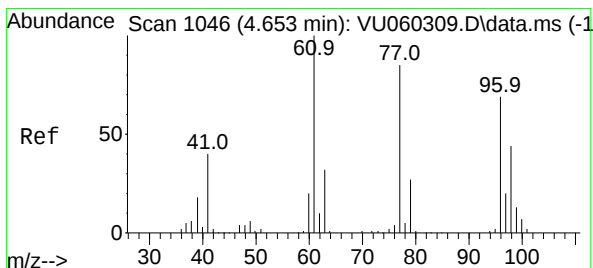
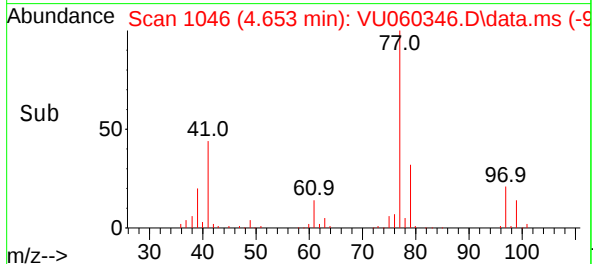
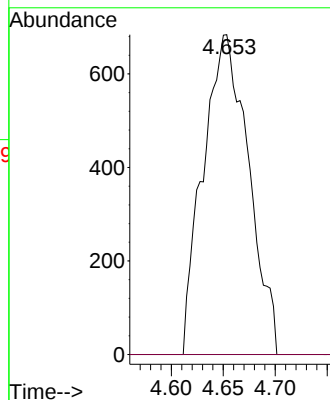
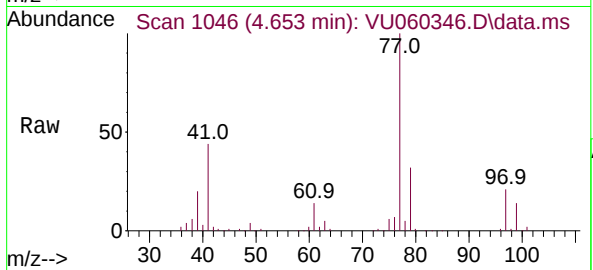




#18
2-Butanone
Concen: 0.641 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.071 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

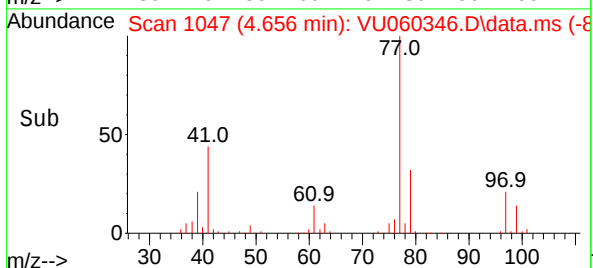
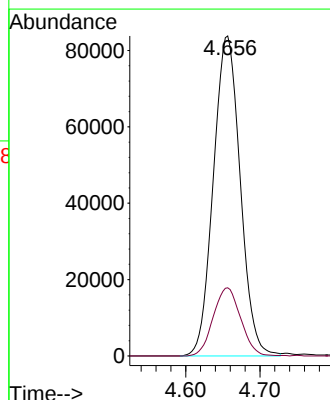
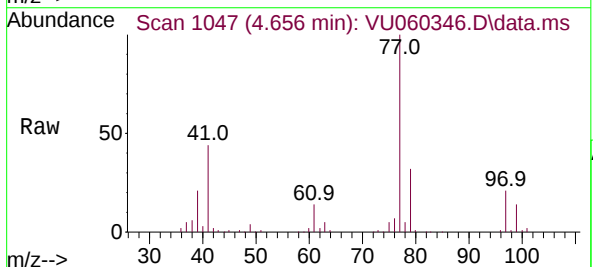
Instrument :
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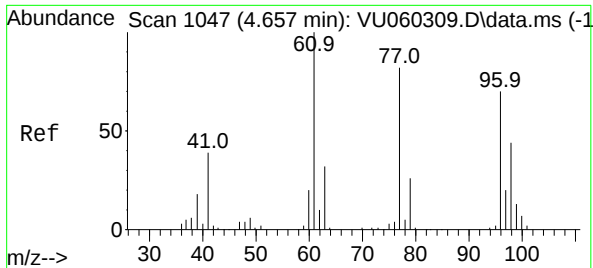
Tgt Ion: 43 Resp: 2080
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.4



#21
2,2-Dichloropropane
Concen: 14.840 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

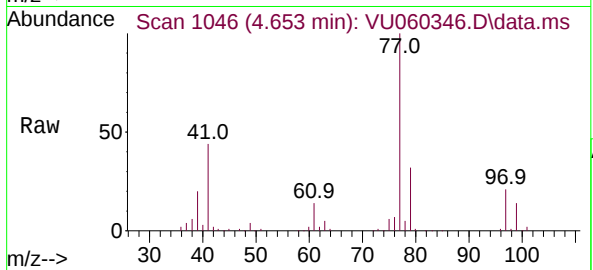
Tgt Ion: 77 Resp: 210861
Ion Ratio Lower Upper
77 100
97 21.8 18.6 27.8



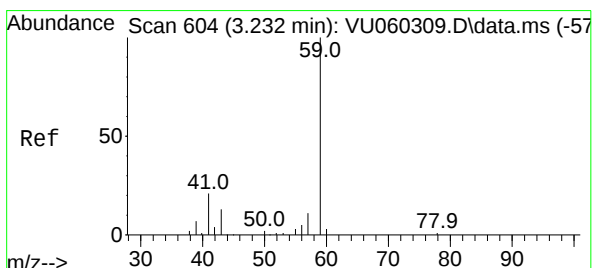
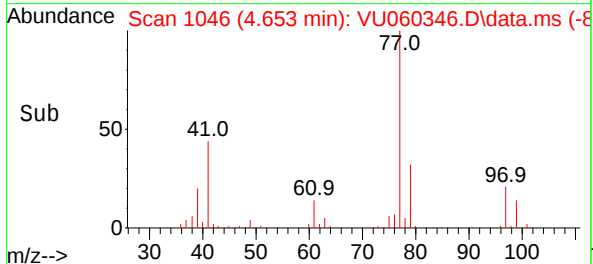
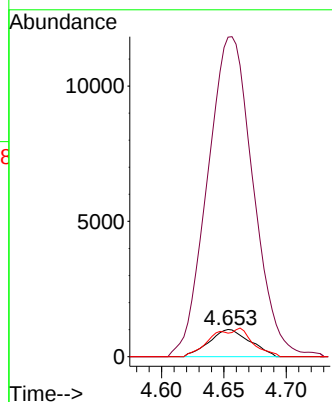


#22
cis-1,2-Dichloroethene
Concen: 0.225 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Instrument :
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ClientSampleId :

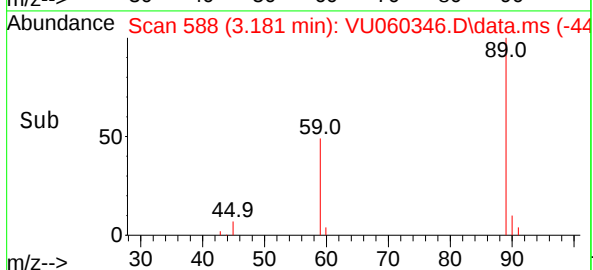
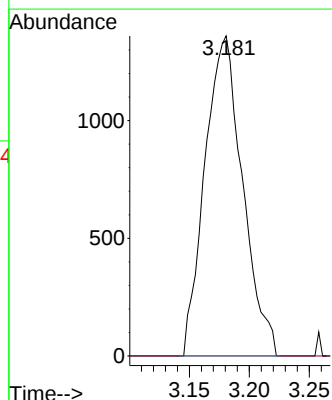
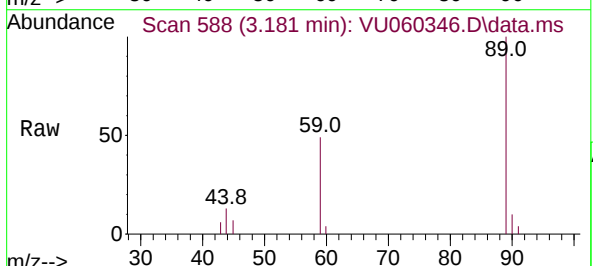


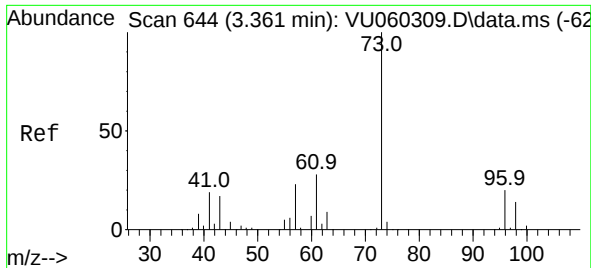
Tgt Ion: 96 Resp: 2283
Ion Ratio Lower Upper
96 100
61 1320.5 0.0 372.8#
98 52.2 31.8 95.4



#24
tert-Butyl Alcohol
Concen: 3.307 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.051 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

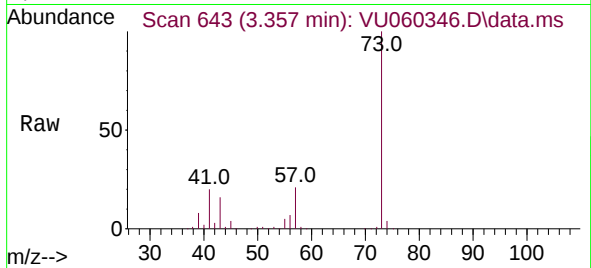
Tgt Ion: 59 Resp: 2973
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



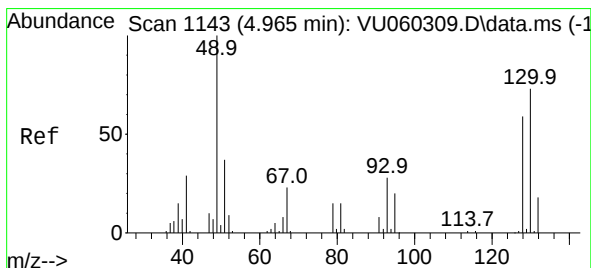
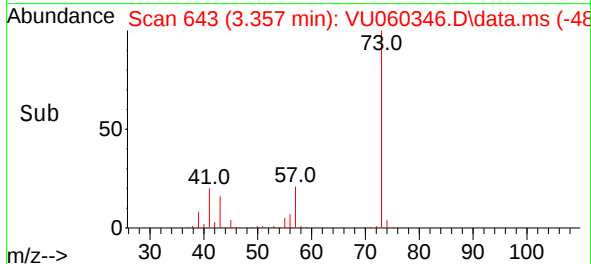
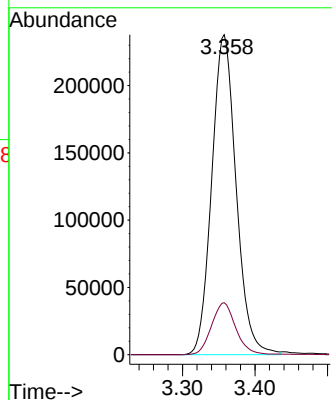


#25
Methyl tert-Butyl Ether
Concen: 25.583 ug/l
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Instrument :
MSVOA_U
ClientSampleId :

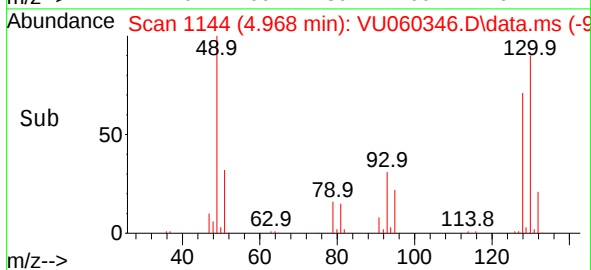
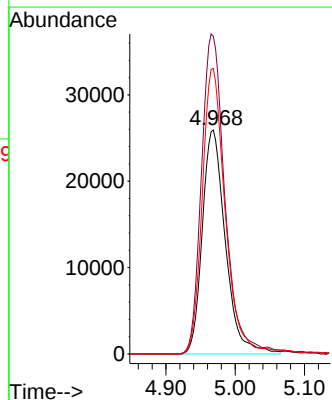
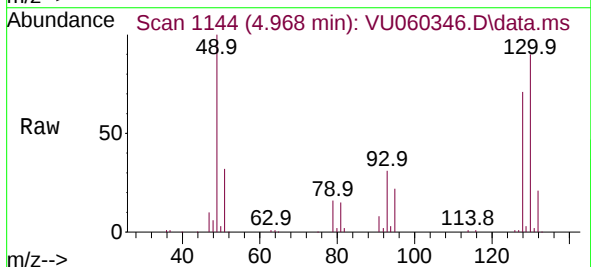


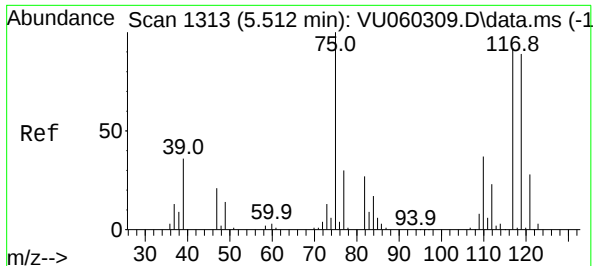
Tgt Ion: 73 Resp: 556234
Ion Ratio Lower Upper
73 100
43 16.2 14.1 21.1



#26
Bromochloromethane
Concen: 13.932 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion: 128 Resp: 59972
Ion Ratio Lower Upper
128 100
49 143.9 0.0 340.8
130 127.3 102.1 153.1

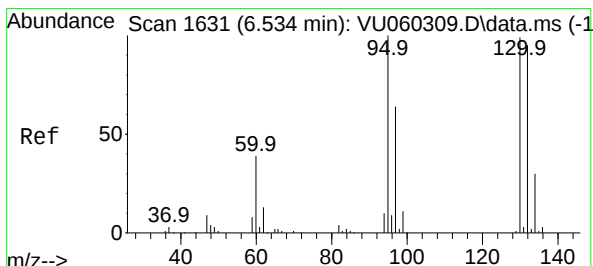
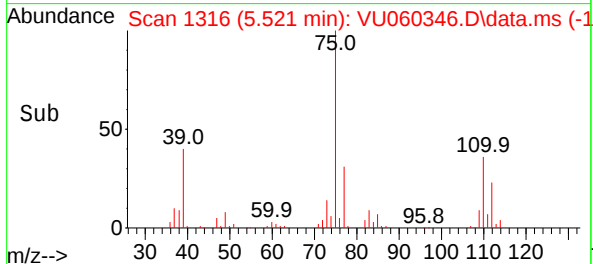
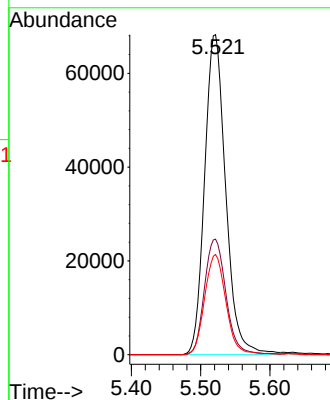
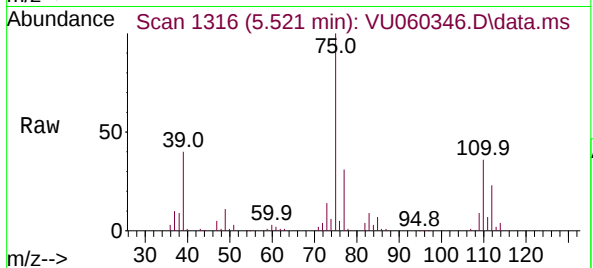




#29
1,1-Dichloropropene
Concen: 12.147 ug/l
RT: 5.521 min Scan# 144347
Delta R.T. 0.010 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

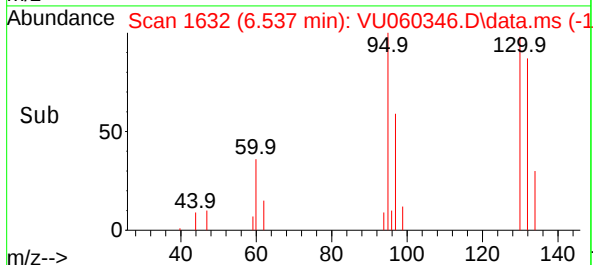
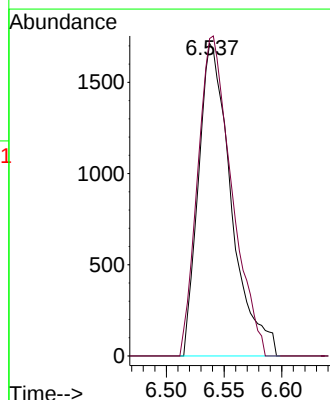
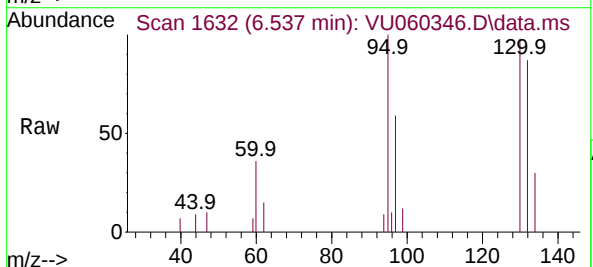
Instrument :
MSVOA_U
ClientSampleId :

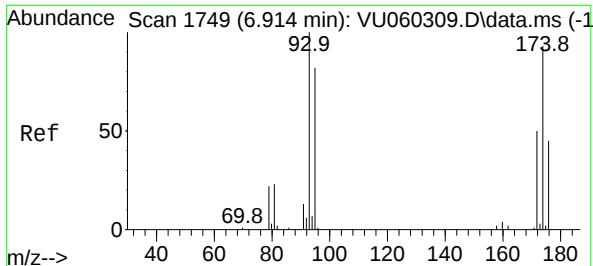
Tgt Ion: 75 Resp: 144347
Ion Ratio Lower Upper
75 100
110 36.9 18.4 55.2
77 31.4 24.8 37.2



#37
Trichloroethene
Concen: 0.372 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion:130 Resp: 3375
Ion Ratio Lower Upper
130 100
95 101.6 80.6 121.0





#43

Dibromomethane

Concen: 20.938 ug/l

RT: 6.910 min Scan# 1

Delta R.T. -0.003 min

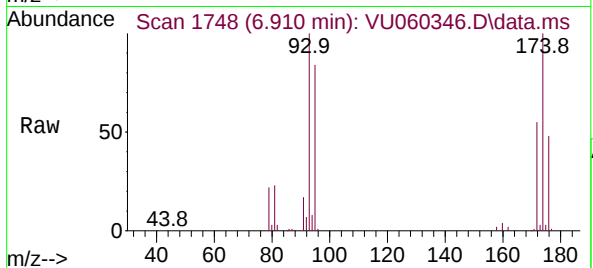
Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

Instrument :

MSVOA_U

ClientSampleId :



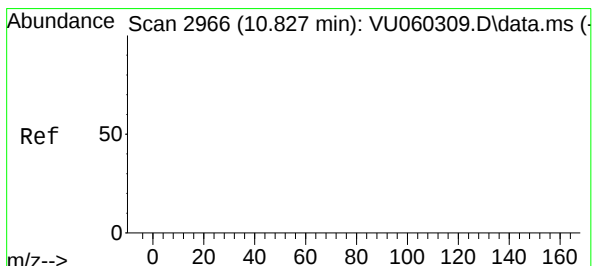
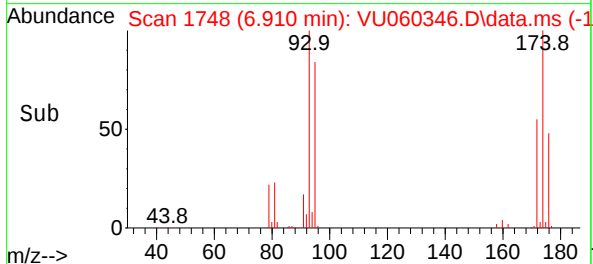
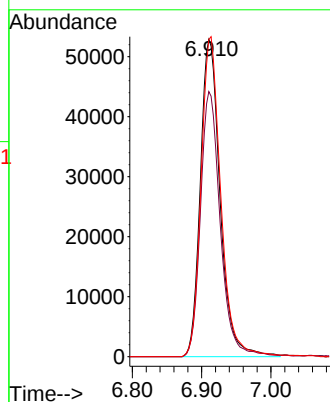
Tgt Ion: 93 Resp: 104921

Ion Ratio Lower Upper

93 100

95 83.6 66.4 99.6

174 100.8 75.2 112.8



#46

t-1,4-Dichloro-2-butene

Concen: 43.030 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

Tgt Ion: 75 Resp: 113450

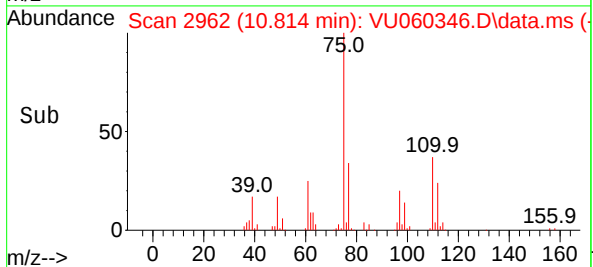
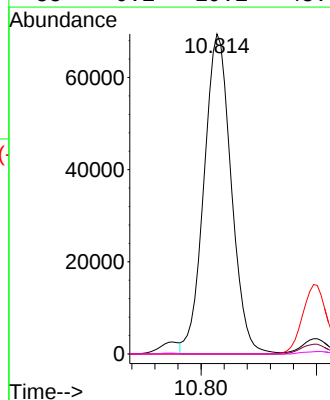
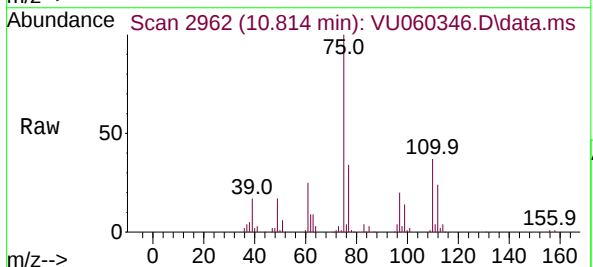
Ion Ratio Lower Upper

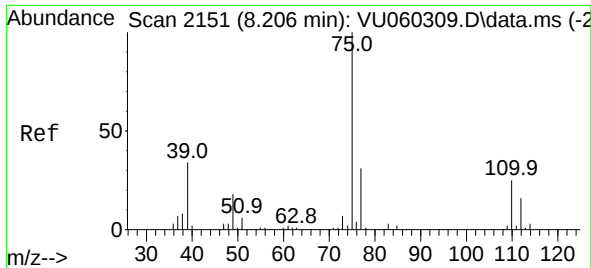
75 100

53 0.0 57.2 85.8#

89 0.0 40.4 60.6#

88 0.1 29.1 43.7#

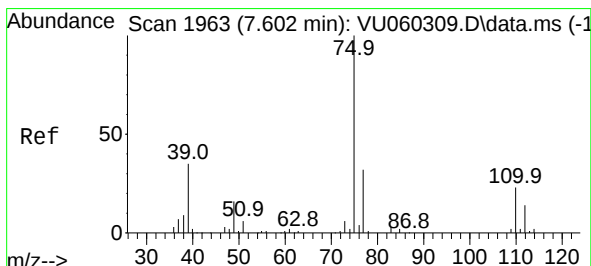
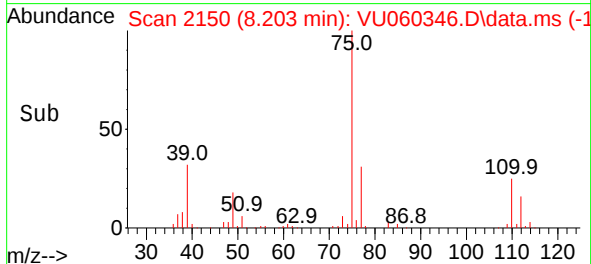
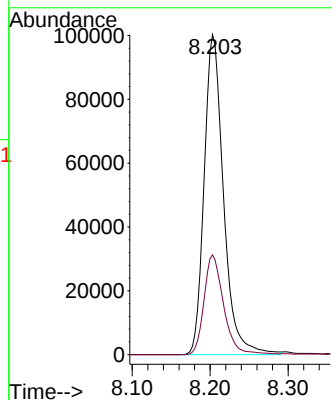
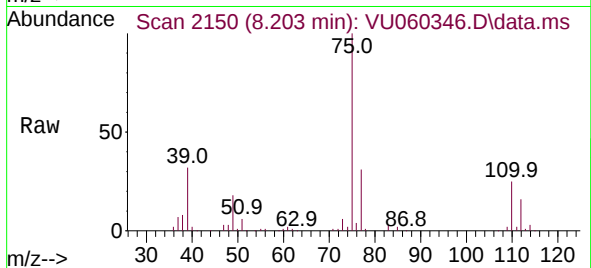




#50
t-1,3-Dichloropropene
Concen: 17.441 ug/l
RT: 8.203 min Scan# 2151
Delta R.T. -0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

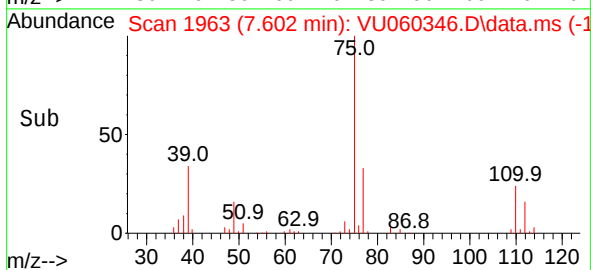
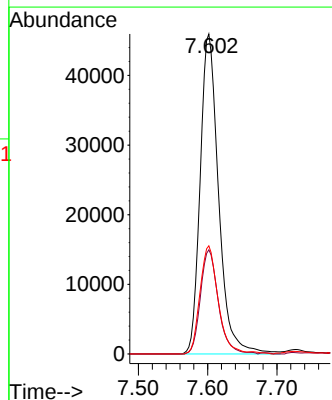
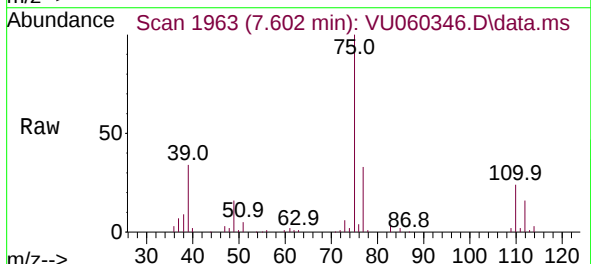
Instrument :
MSVOA_U
ClientSampleId :

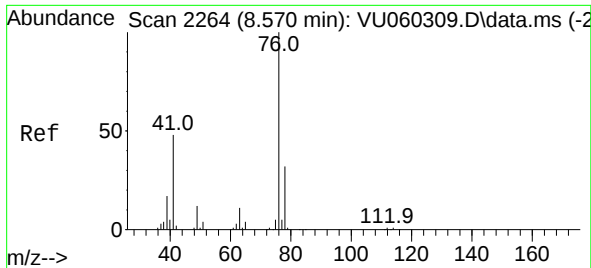
Tgt Ion: 75 Resp: 173235
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0



#51
cis-1,3-Dichloropropene
Concen: 7.112 ug/l
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion: 75 Resp: 84975
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 33.8 28.0 42.0





#53

1,3-Dichloropropane

Concen: 21.497 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

Instrument :

MSVOA_U

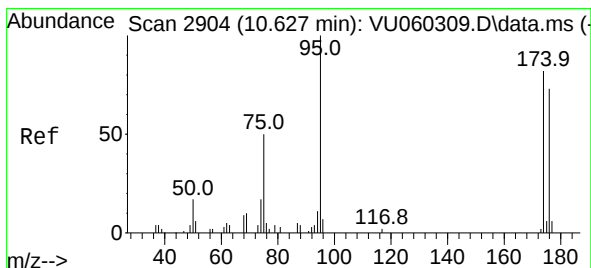
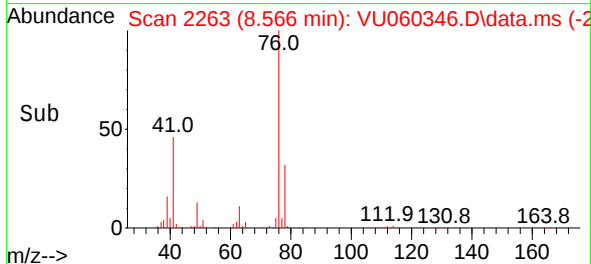
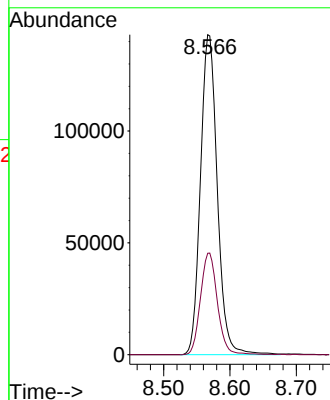
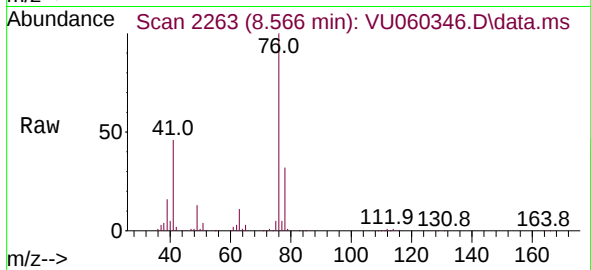
ClientSampleId :

Tgt Ion: 76 Resp: 252298

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.2



#57

4-Bromofluorobenzene

Concen: 1.163 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

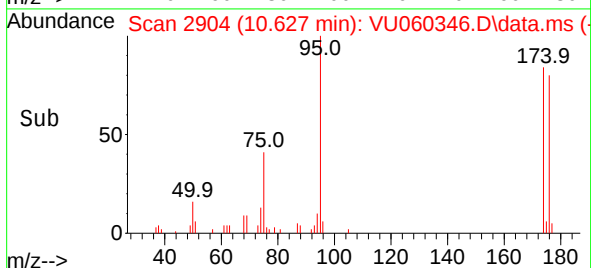
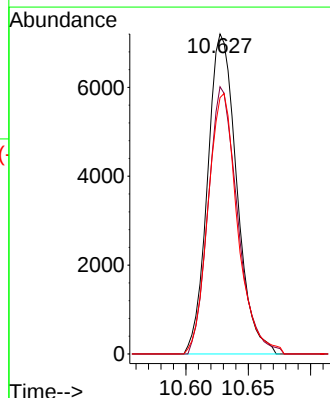
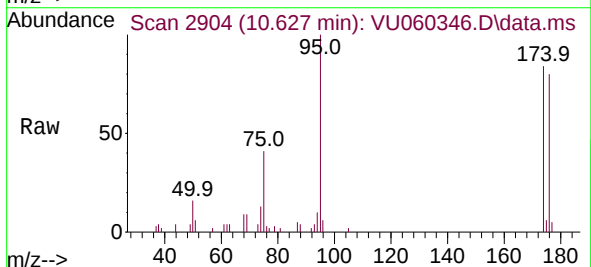
Tgt Ion: 95 Resp: 11742

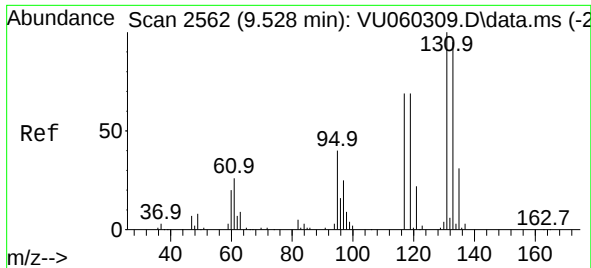
Ion Ratio Lower Upper

95 100

174 83.8 65.6 98.4

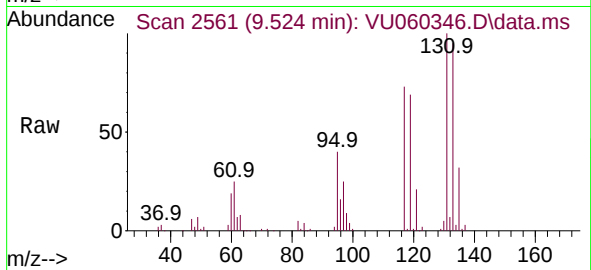
176 82.5 60.4 90.6



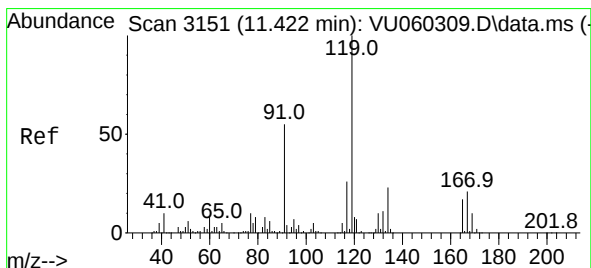
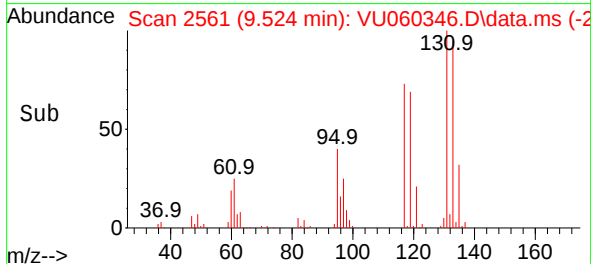
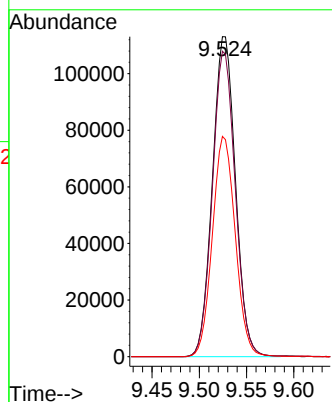


#60
1,1,1,2-Tetrachloroethane
Concen: 22.093 ug/l
RT: 9.524 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Instrument :
MSVOA_U
ClientSampleId :

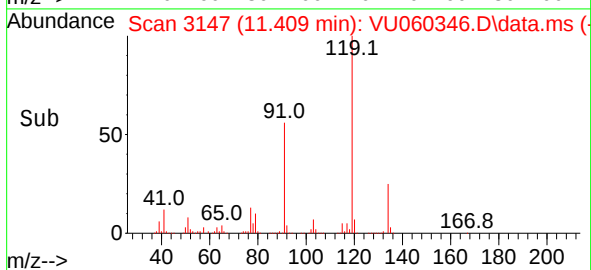
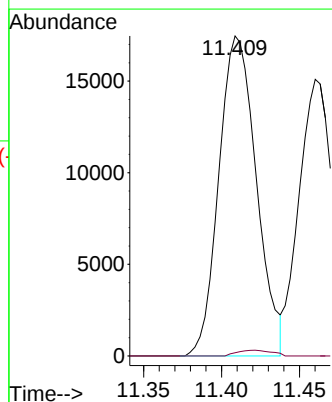
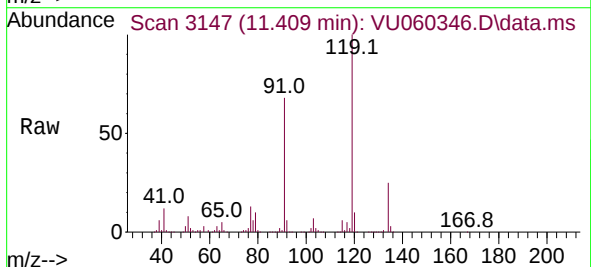


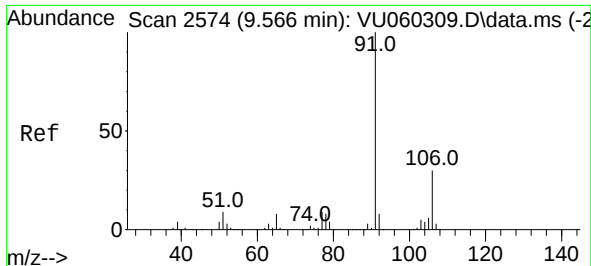
Tgt Ion:131 Resp: 191347
Ion Ratio Lower Upper
131 100
133 95.0 77.2 115.8
119 68.6 55.4 83.2



#61
Pentachloroethane
Concen: 3.953 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.013 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion:117 Resp: 29239
Ion Ratio Lower Upper
117 100
167 1.6 62.2 93.4#





#63

Ethyl Benzene

Concen: 0.510 ug/l

RT: 9.573 min Scan# 2574

Delta R.T. 0.007 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

Instrument :

MSVOA_U

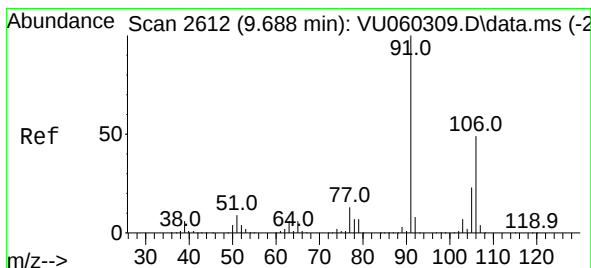
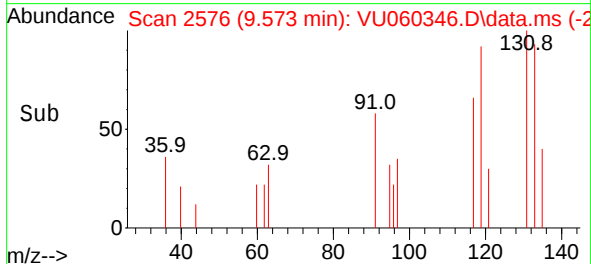
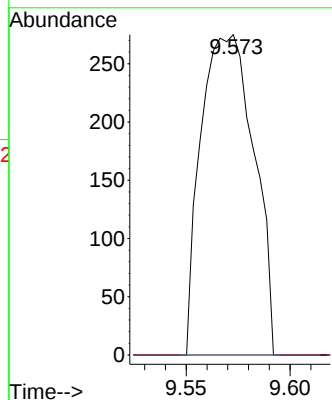
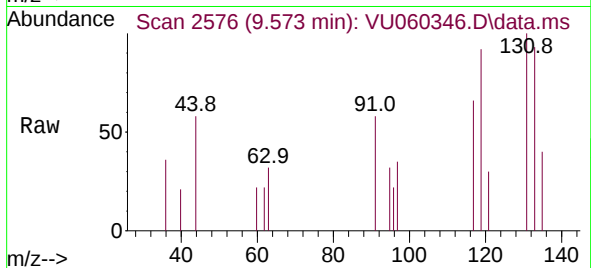
ClientSampleId :

Tgt Ion: 91 Resp: 487

Ion Ratio Lower Upper

91 100

106 0.0 24.4 36.6#



#64

m/p-Xylenes

Concen: 0.901 ug/l

RT: 9.714 min Scan# 2620

Delta R.T. 0.026 min

Lab File: VU060346.D

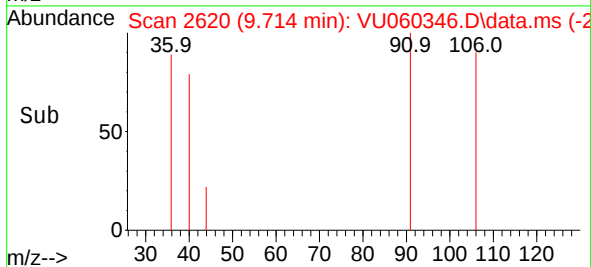
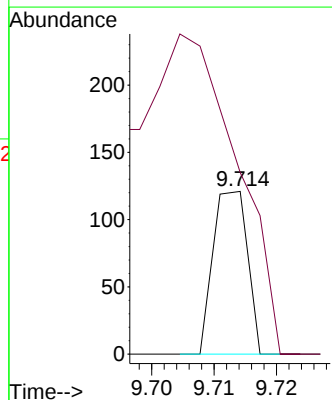
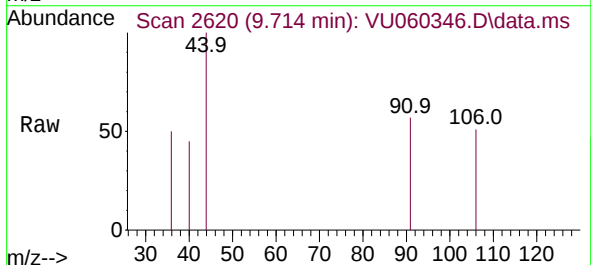
Acq: 07 Aug 2024 19:34

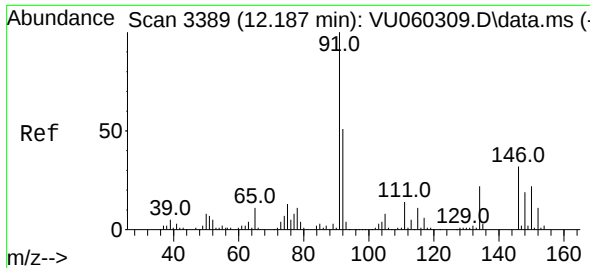
Tgt Ion: 106 Resp: 46

Ion Ratio Lower Upper

106 100

91 719.6 165.0 247.4#

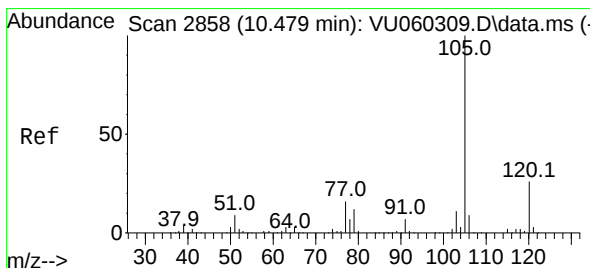
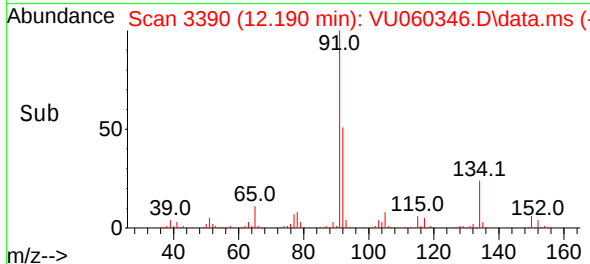
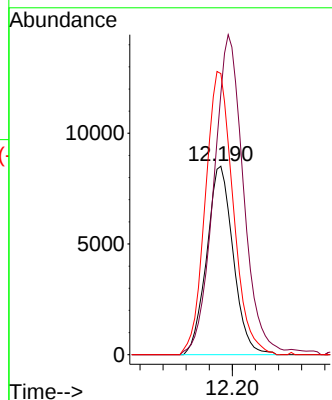
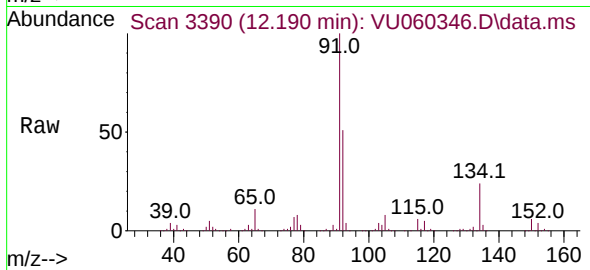




#68
1,2-Dichlorobenzene-d4
Concen: 1.233 ug/l
RT: 12.190 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

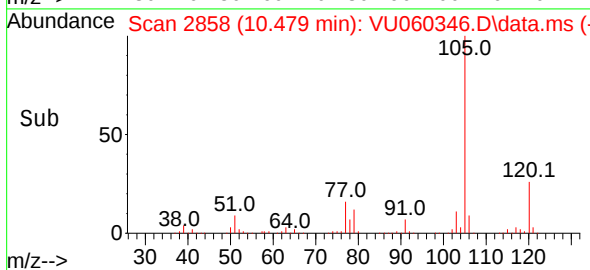
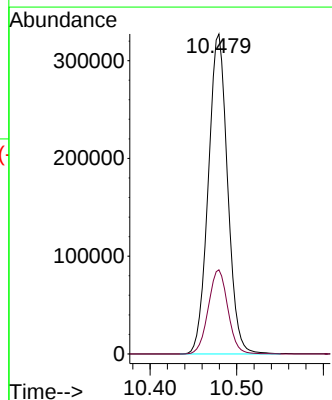
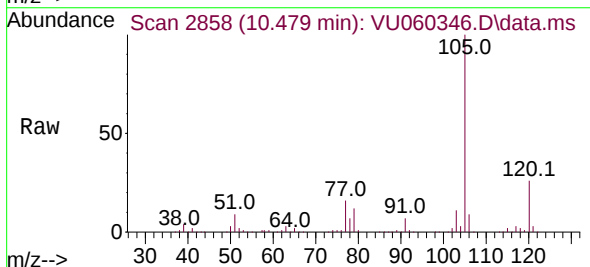
Instrument :
MSVOA_U
ClientSampleId :

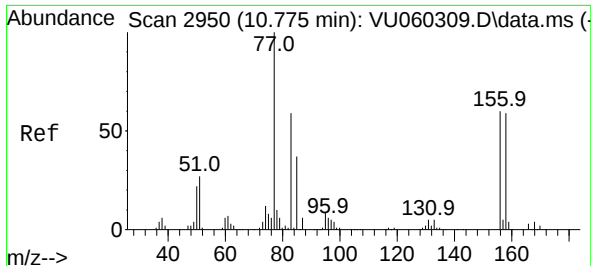
Tgt Ion:152 Resp: 13521
Ion Ratio Lower Upper
152 100
115 190.8 0.0 325.2
150 158.0 0.0 684.2



#69
Isopropylbenzene
Concen: 12.120 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion:105 Resp: 506658
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0

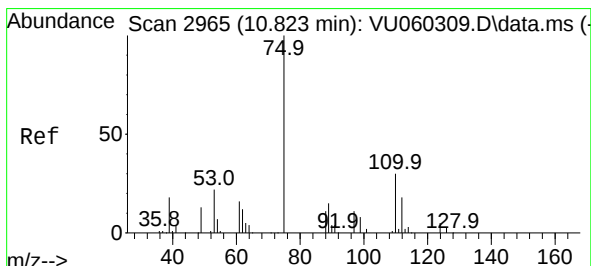
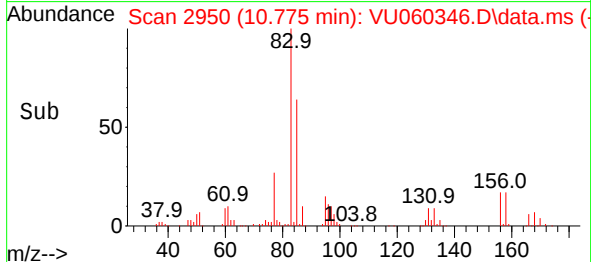
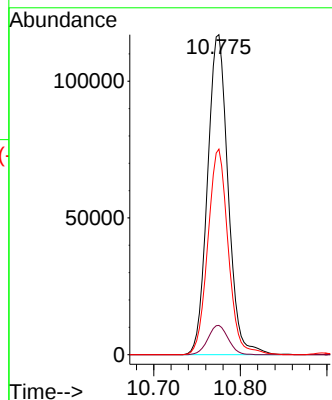
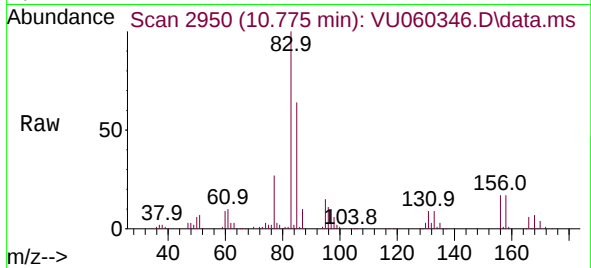




#70
1,1,2,2-Tetrachloroethane
Concen: 19.717 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

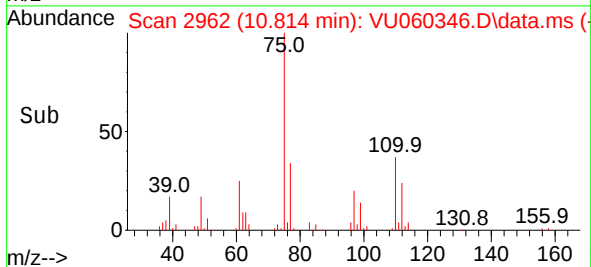
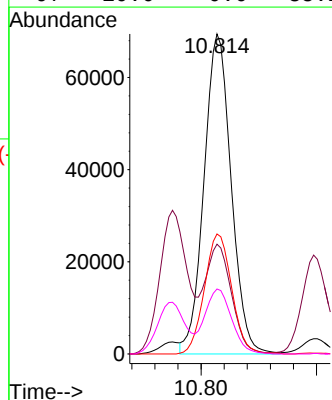
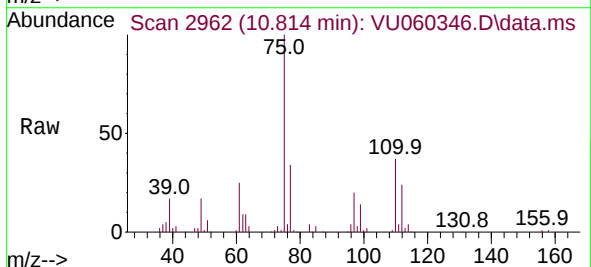
Instrument :
MSVOA_U
ClientSampleId :

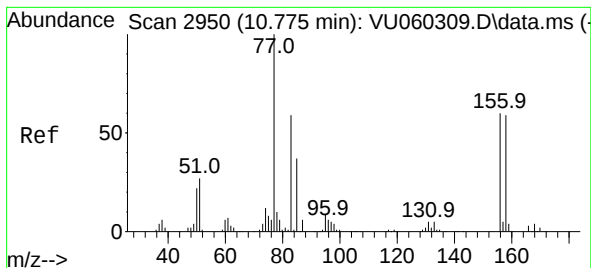
Tgt Ion: 83 Resp: 192991
Ion Ratio Lower Upper
83 100
131 9.0 7.1 10.7
85 63.8 50.9 76.3



#71
1,2,3-Trichloropropane
Concen: 15.648 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.010 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion: 75 Resp: 113450
Ion Ratio Lower Upper
75 100
77 32.7 0.0 102.2
110 37.7 0.0 67.4
97 20.0 0.0 38.2





#72

Bromobenzene

Concen: 3.817 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060346.D

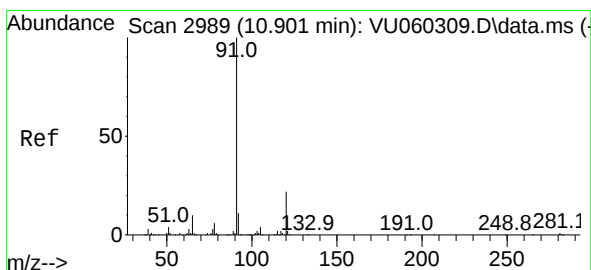
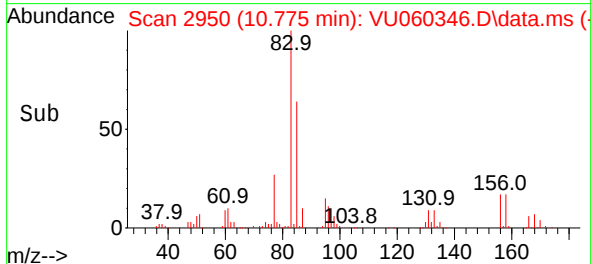
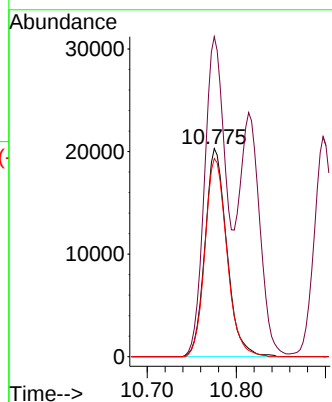
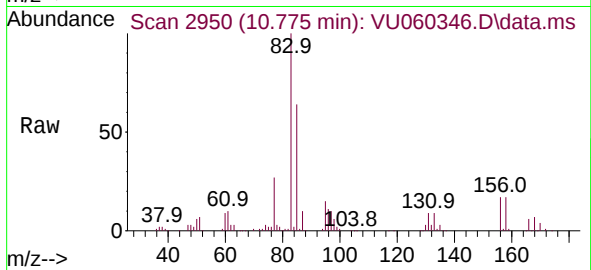
Acq: 07 Aug 2024 19:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:156	Resp:	34458
Ion Ratio	Lower	Upper
156	100	
77	153.4	0.0 327.2
158	95.7	0.0 193.8



#73

n-propylbenzene

Concen: 15.757 ug/l

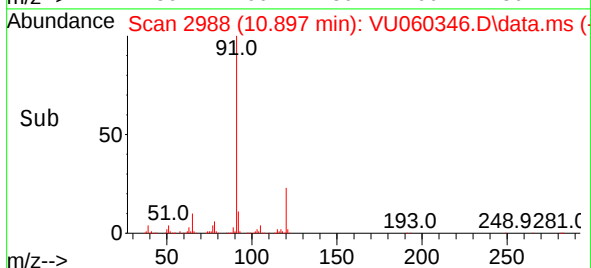
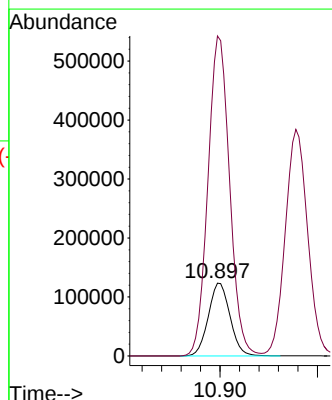
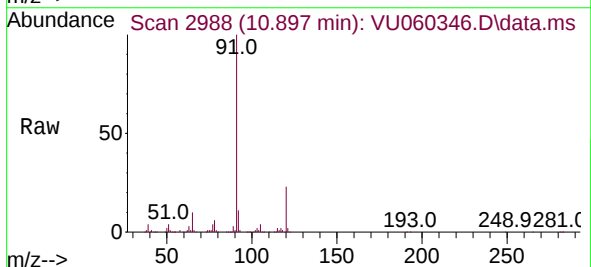
RT: 10.897 min Scan# 2988

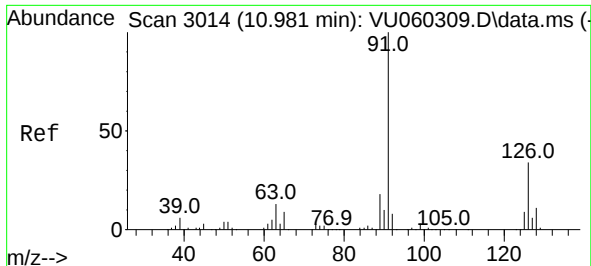
Delta R.T. -0.004 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

Tgt Ion:120	Resp:	191005
Ion Ratio	Lower	Upper
120	100	
91	439.2	362.2 543.2

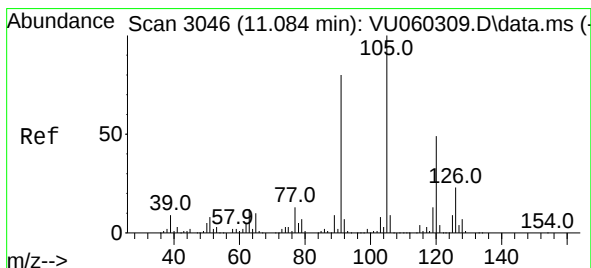
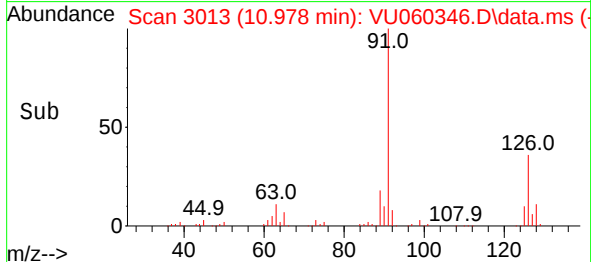
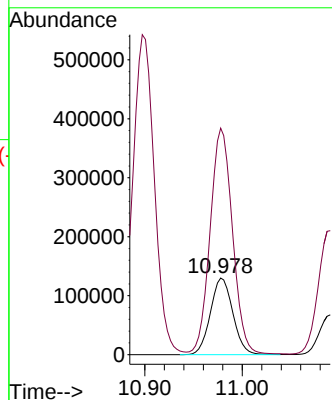
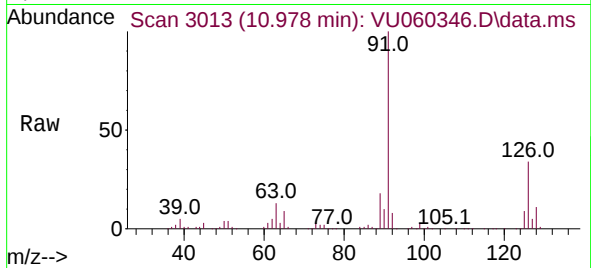




#74
2-Chlorotoluene
Concen: 19.463 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

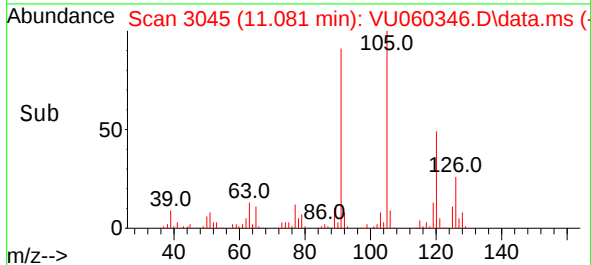
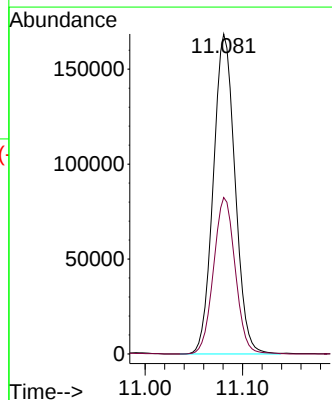
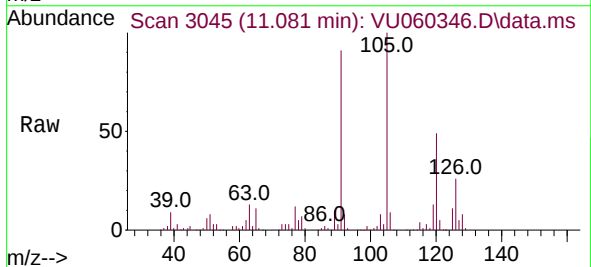
Instrument :
MSVOA_U
ClientSampleId :

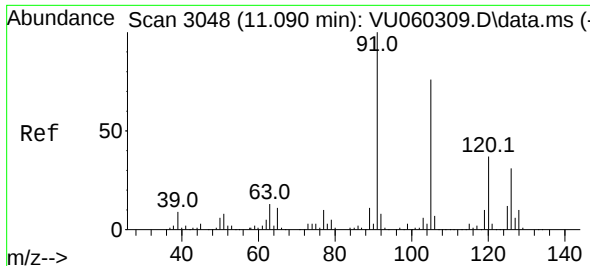
Tgt Ion:126 Resp: 207745
Ion Ratio Lower Upper
126 100
91 296.0 0.0 585.6



#75
1,3,5-Trimethylbenzene
Concen: 7.193 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion:105 Resp: 261030
Ion Ratio Lower Upper
105 100
120 48.8 38.6 57.8

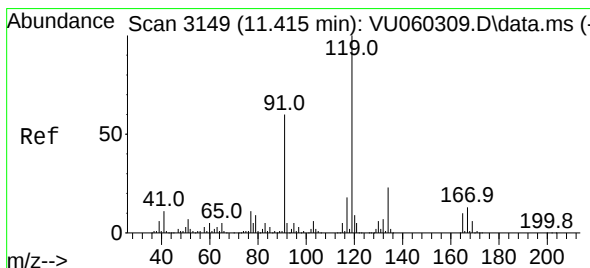
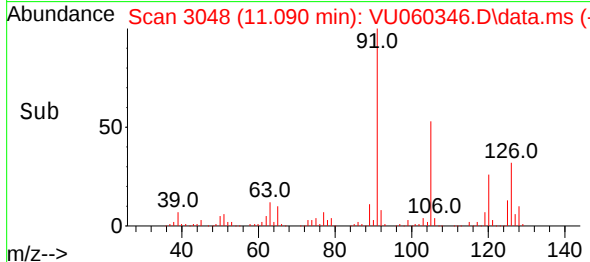
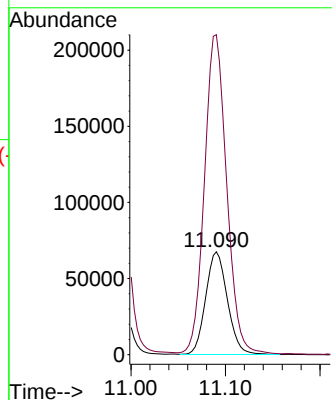
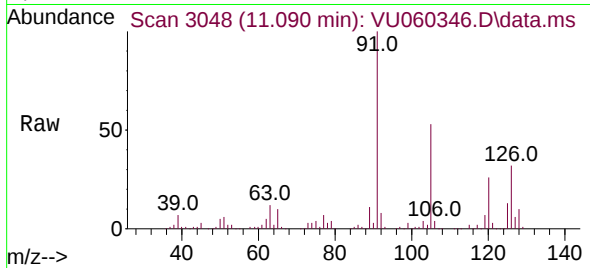




#76
4-Chlorotoluene
Concen: 9.769 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

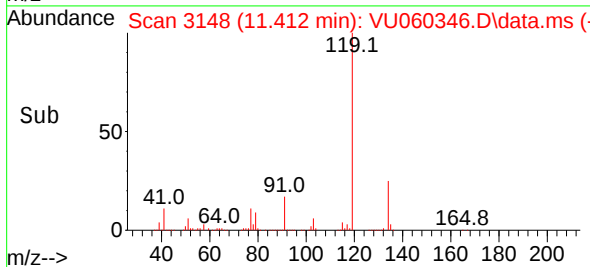
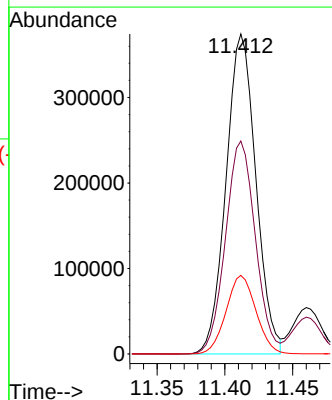
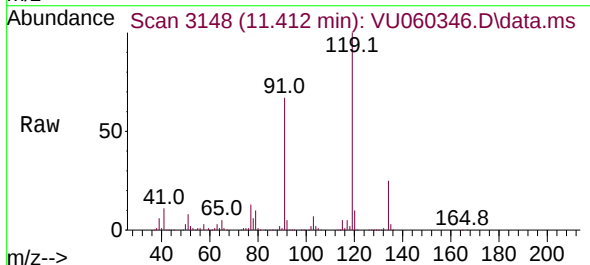
Instrument :
MSVOA_U
ClientSampleId :

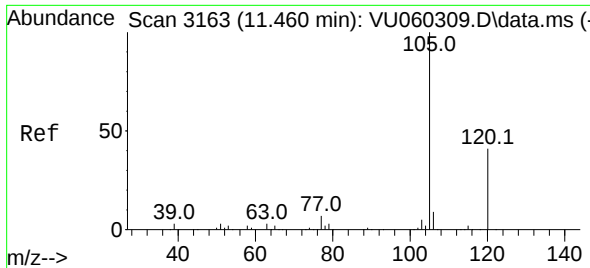
Tgt Ion:126 Resp: 107669
Ion Ratio Lower Upper
126 100
91 318.1 0.0 669.4



#77
tert-Butylbenzene
Concen: 16.149 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion:119 Resp: 574065
Ion Ratio Lower Upper
119 100
91 66.8 29.0 87.1
134 24.6 17.8 26.8

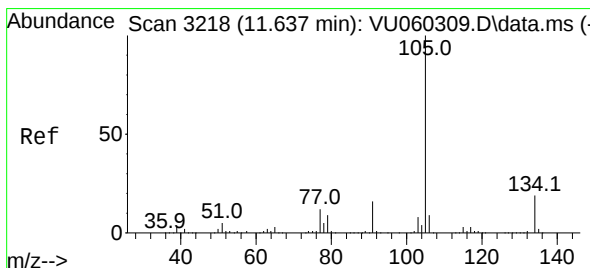
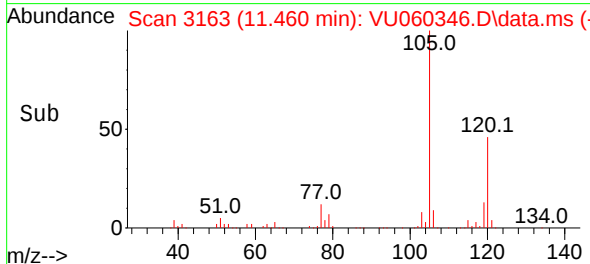
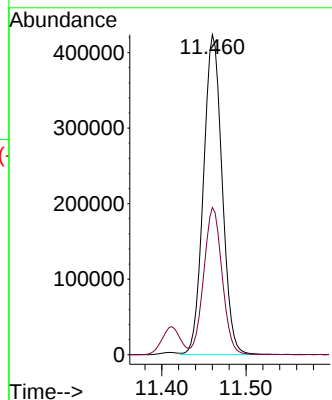
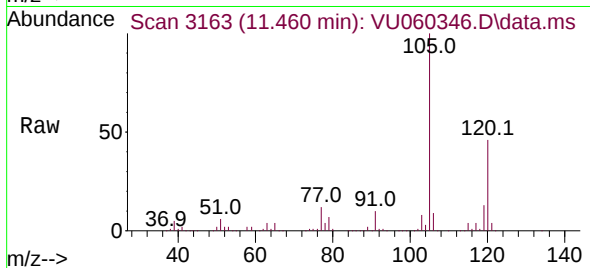




#78
1,2,4-Trimethylbenzene
Concen: 16.567 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

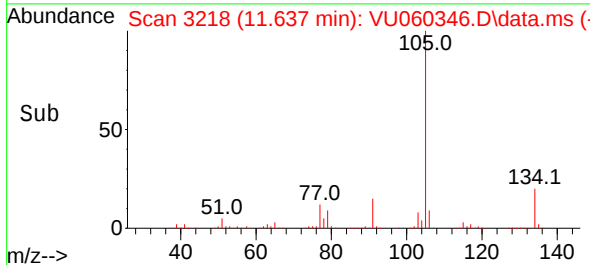
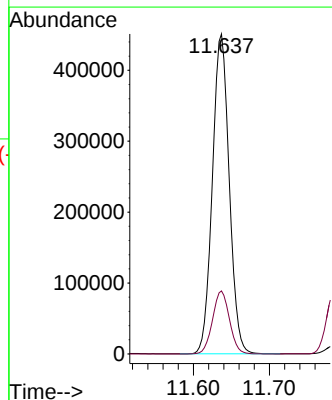
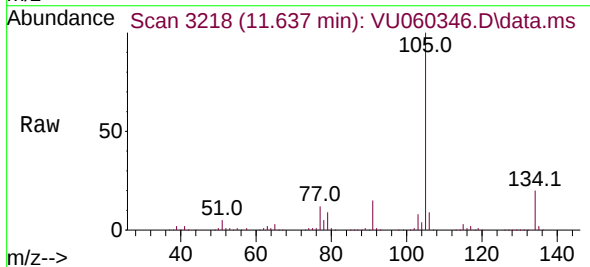
Instrument :
MSVOA_U
ClientSampleId :

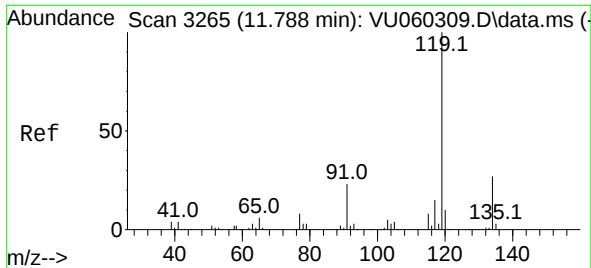
Tgt Ion:105 Resp: 651876
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.7



#79
sec-Butylbenzene
Concen: 14.262 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. -0.000 min
Lab File: VU060346.D
Acq: 07 Aug 2024 19:34

Tgt Ion:105 Resp: 692623
Ion Ratio Lower Upper
105 100
134 19.8 15.5 23.3

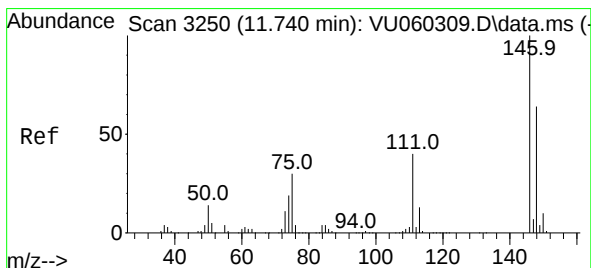
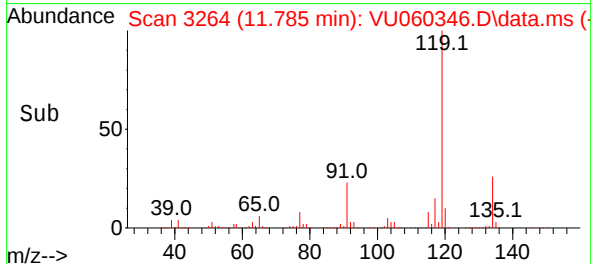
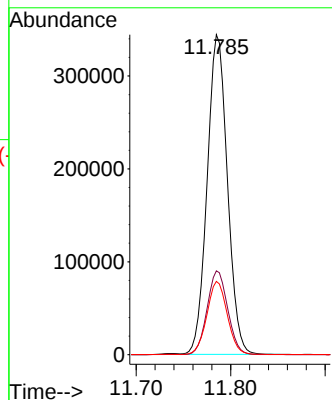
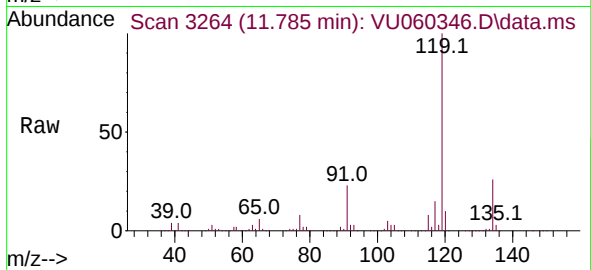




#81
 p-Isopropyltoluene
 Concen: 12.720 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU060346.D
 Acq: 07 Aug 2024 19:34

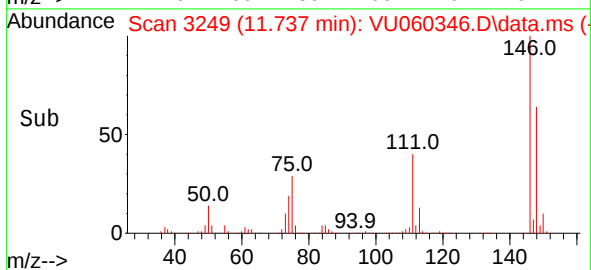
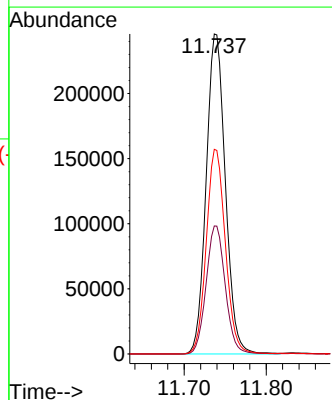
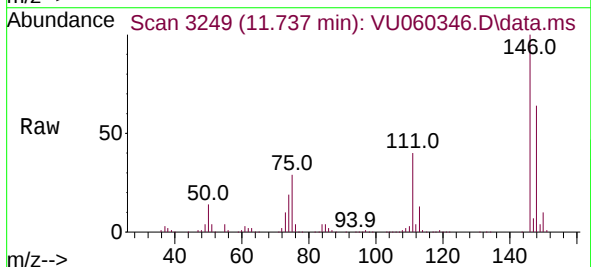
Instrument :
 MSVOA_U
 ClientSampleId :

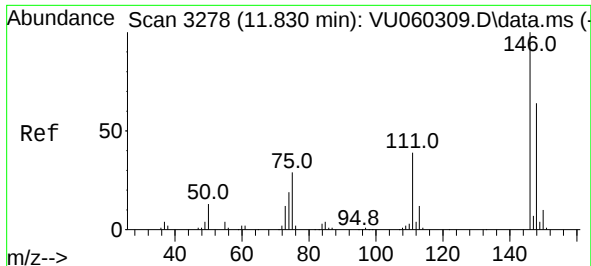
Tgt Ion:119 Resp: 512412
 Ion Ratio Lower Upper
 119 100
 134 26.5 21.2 31.8
 91 23.1 18.9 28.3



#82
 1,3-Dichlorobenzene
 Concen: 21.177 ug/l
 RT: 11.737 min Scan# 3249
 Delta R.T. -0.003 min
 Lab File: VU060346.D
 Acq: 07 Aug 2024 19:34

Tgt Ion:146 Resp: 398820
 Ion Ratio Lower Upper
 146 100
 111 39.9 32.0 48.0
 148 63.7 51.4 77.0





#83

1,4-Dichlorobenzene

Concen: 21.332 ug/l

RT: 11.737 min Scan# 3278

Delta R.T. -0.093 min

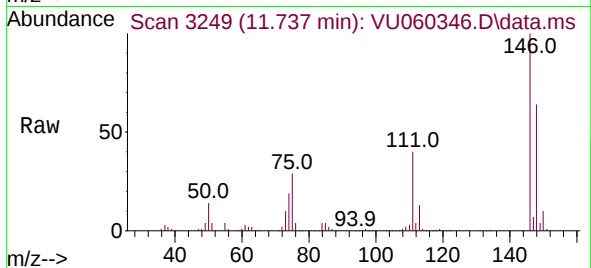
Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

Instrument :

MSVOA_U

ClientSampleId :



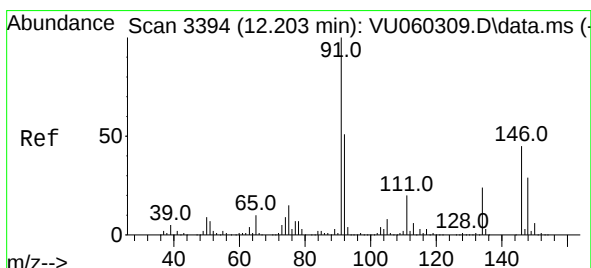
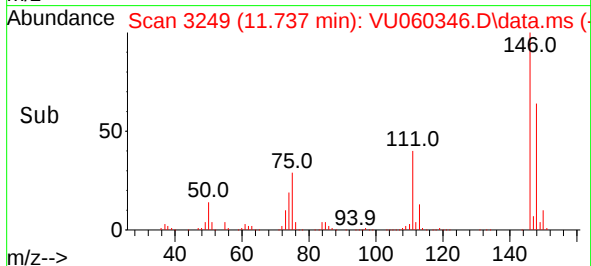
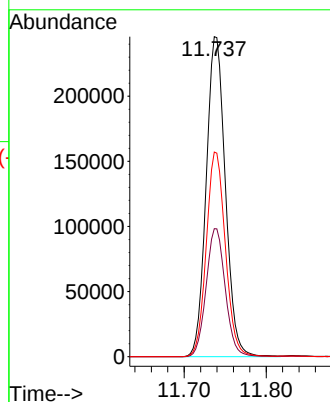
Tgt Ion:146 Resp: 398820

Ion Ratio Lower Upper

146 100

111 39.9 30.9 46.3

148 63.7 51.8 77.6



#84

n-Butylbenzene

Concen: 16.399 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

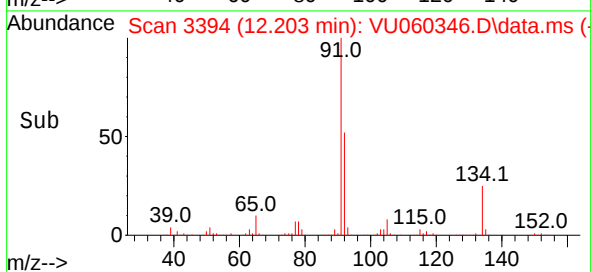
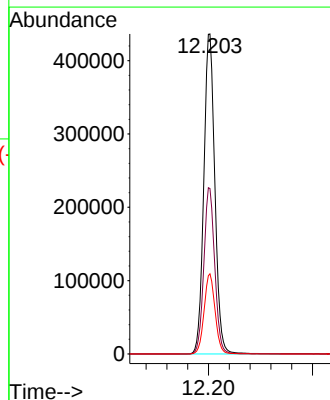
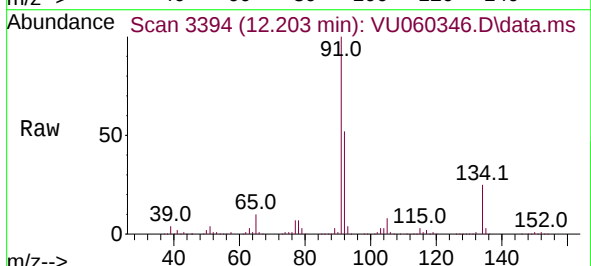
Tgt Ion: 91 Resp: 643542

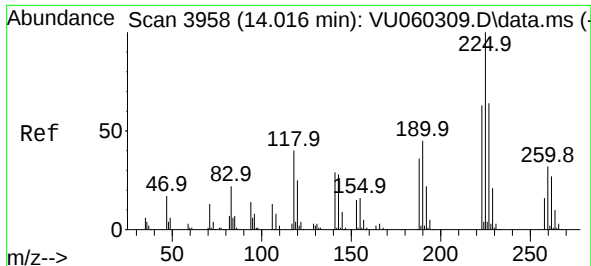
Ion Ratio Lower Upper

91 100

92 51.3 41.0 61.6

134 24.9 19.4 29.2





#88

Hexachlorobutadiene

Concen: 8.727 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

Instrument :

MSVOA_U

ClientSampleId :

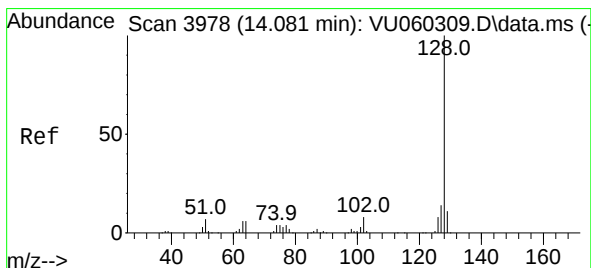
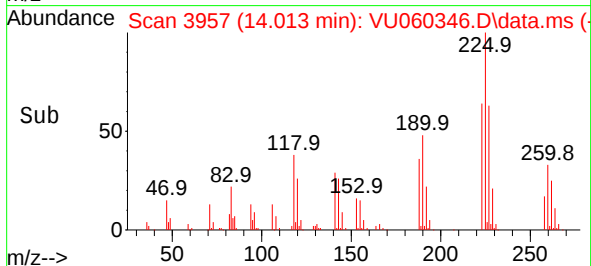
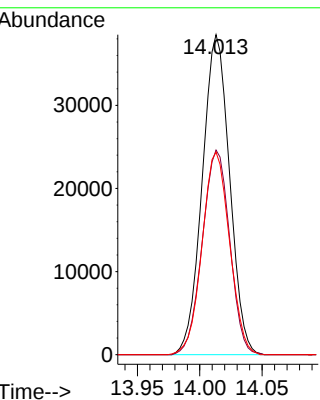
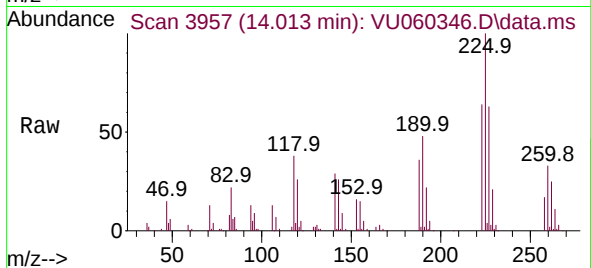
Tgt Ion:225 Resp: 58790

Ion Ratio Lower Upper

225 100

223 64.0 50.8 76.2

227 63.6 50.8 76.2



#89

Naphthalene

Concen: 31.152 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU060346.D

Acq: 07 Aug 2024 19:34

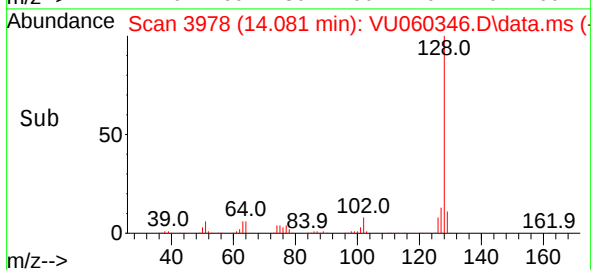
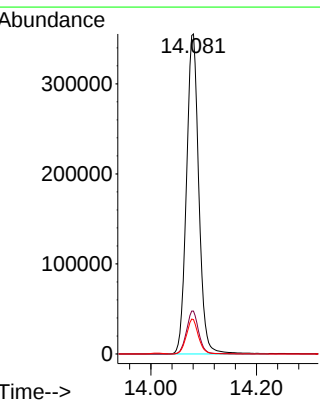
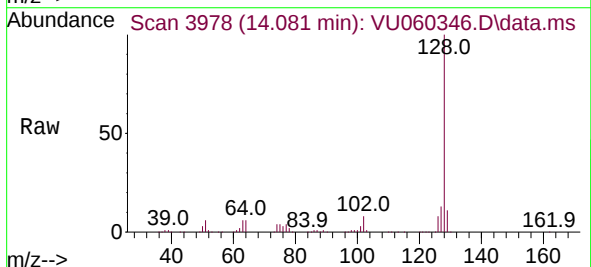
Tgt Ion:128 Resp: 574224

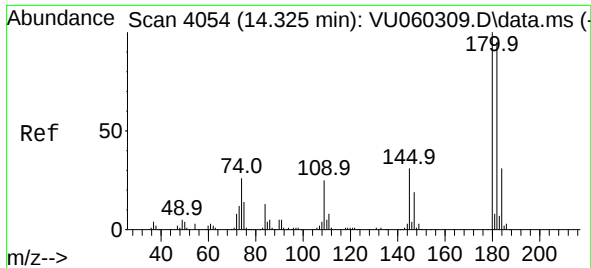
Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

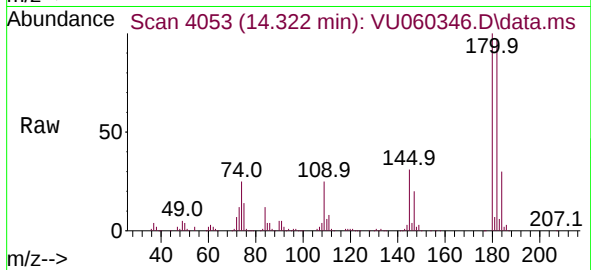
129 10.6 8.6 12.8





#90
 1,2,3-Trichlorobenzene
 Concen: 57.834 ug/l
 RT: 14.322 min Scan# 4053
 Delta R.T. -0.003 min
 Lab File: VU060346.D
 Acq: 07 Aug 2024 19:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 588246
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.1 114.1
 145 31.5 25.0 37.6

