

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090324\
 Data File : VU060588.D
 Acq On : 03 Sep 2024 16:29
 Operator : MD/SY
 Sample : P3810-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 05:45:07 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	33988	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13200	1.140	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12761	1.014	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.515	50	665896	44.552	ug/l	100
5) Bromomethane	1.856	94	251811	27.426	ug/l	98
6) Chloroethane	1.930	64	319148	35.289	ug/l	97
7) Trichlorofluoromethane	2.132	101	470586	26.104	ug/l	99
10) Iodomethane	2.718	142	8216	0.545	ug/l	97
12) Acrylonitrile	3.351	53	7288	2.745	ug/l	# 18
13) Acetone	2.650	43	1487	0.461	ug/l	# 80
15) Methylene Chloride	3.039	84	6014	0.473	ug/l	92
17) 1,1-Dichloroethane	3.859	63	317920	15.188	ug/l	99
18) 2-Butanone	4.647	43	2178	0.585	ug/l	75
21) 2,2-Dichloropropane	4.653	77	288169	17.677	ug/l	93
22) cis-1,2-Dichloroethene	4.656	96	3202	0.275	ug/l	# 1
24) tert-Butyl Alcohol	3.184	59	574	0.556	ug/l	# 83
25) Methyl tert-Butyl Ether	3.354	73	590475	23.671	ug/l	99
26) Bromochloromethane	4.965	128	78905	15.977	ug/l	97
29) 1,1-Dichloropropene	5.518	75	83357	6.114	ug/l	98
37) Trichloroethene	6.537	130	4217	0.405	ug/l	96
43) Dibromomethane	6.910	93	40828	7.102	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	48902	16.167	ug/l	# 24
50) t-1,3-Dichloropropene	8.203	75	90877	7.975	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	185961	13.566	ug/l	97
53) 1,3-Dichloropropane	8.566	76	159579	11.851	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	178376	17.951	ug/l	98
61) Pentachloroethane	11.409	117	32600	3.841	ug/l	# 18
62) Hexachloroethane	12.470	117	2419	0.295	ug/l	# 81
63) Ethyl Benzene	9.569	91	2520	0.548	ug/l	97
64) m/p-Xylenes	9.695	106	1238	0.959	ug/l	86
66) Styrene	10.119	104	1737	0.523	ug/l	# 25
69) Isopropylbenzene	10.476	105	559738	11.689	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	136970	12.197	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	48902	5.879	ug/l	86
73) n-propylbenzene	10.897	120	179941	13.026	ug/l	98
74) 2-Chlorotoluene	11.090	126	195	0.331	ug/l	# 1
75) 1,3,5-Trimethylbenzene	11.081	105	587582	13.674	ug/l	99
76) 4-Chlorotoluene	11.090	126	195	0.352	ug/l	# 1
77) tert-Butylbenzene	11.412	119	632558	15.528	ug/l	89
78) 1,2,4-Trimethylbenzene	11.637	105	292747	6.787	ug/l	# 31
79) sec-Butylbenzene	11.637	105	292747	5.540	ug/l	99
81) p-Isopropyltoluene	11.785	119	731391	15.699	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	120929	5.597	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	5914	0.276	ug/l	90
84) n-Butylbenzene	12.200	91	345600	7.948	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	5825	0.279	ug/l	99

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Quant Time: Sep 04 05:45:07 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

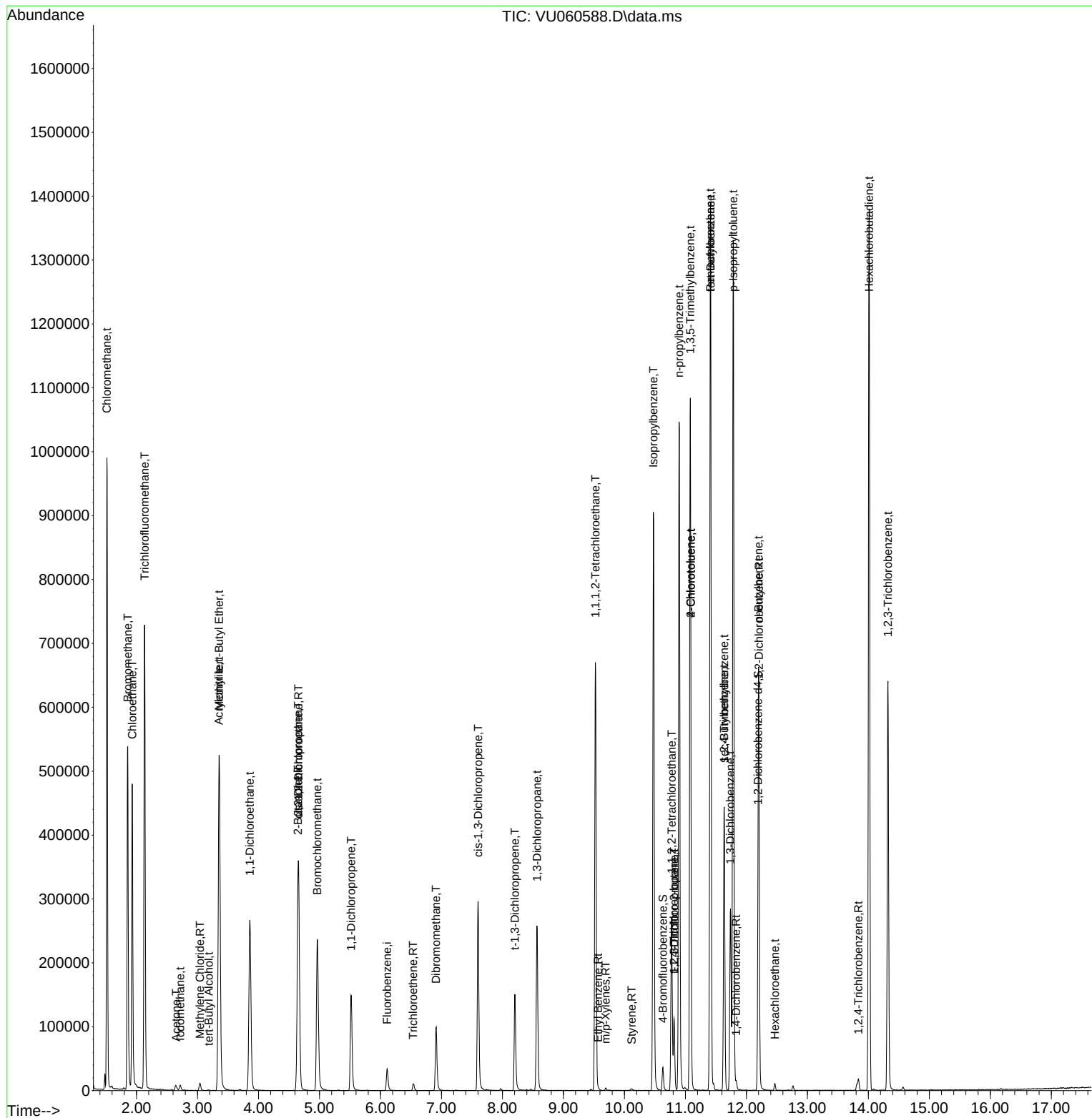
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,2,4-Trichlorobenzene	13.836	180	6046	0.506	ug/l	98
88) Hexachlorobutadiene	14.013	225	249195	32.242	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	199334	17.082	ug/l	98

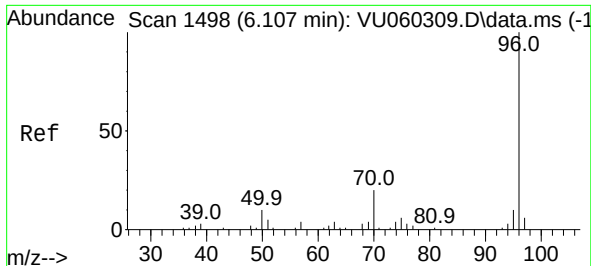
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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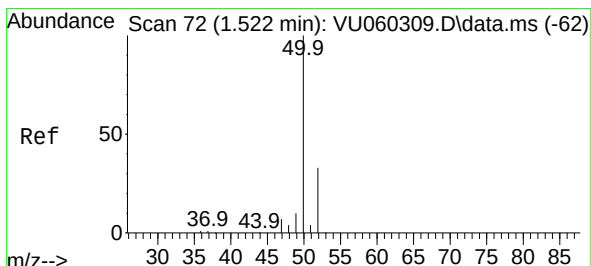
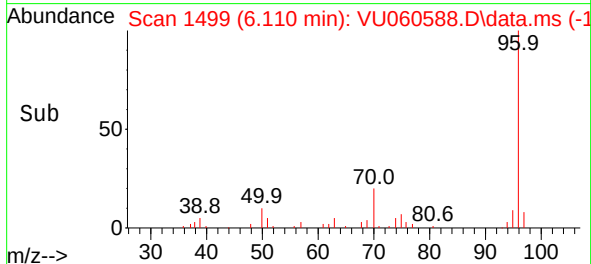
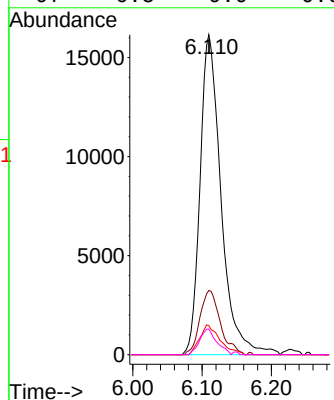
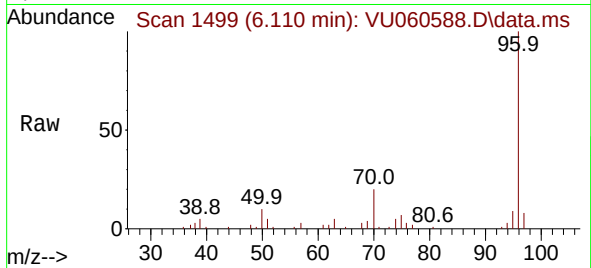




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

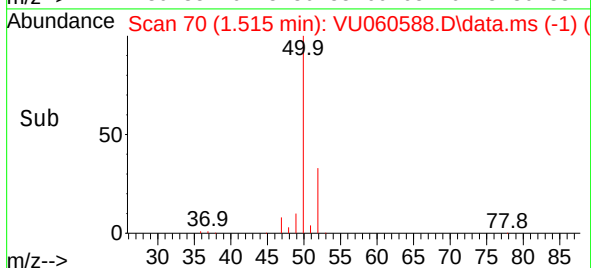
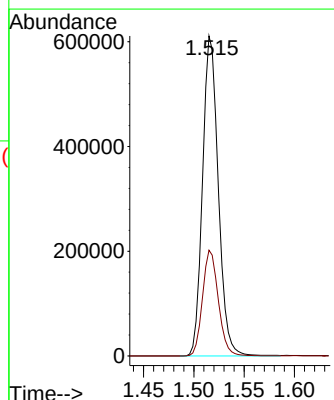
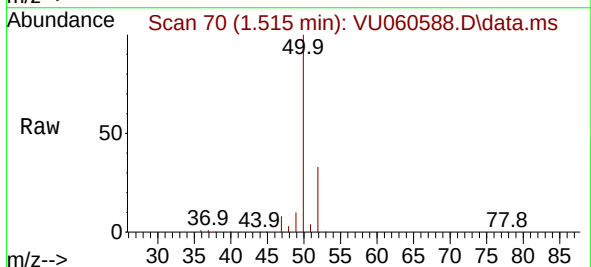
Instrument :
MSVOA_U
ClientSampleId :

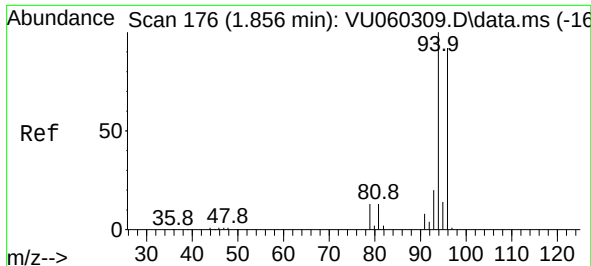
Tgt Ion: 96	Resp: 33988
Ion Ratio	Lower Upper
96	100
70	19.5 17.2 25.8
95	9.0 7.9 11.9
97	6.5 0.0 0.0



#3
Chloromethane
Concen: 44.552 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.007 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Tgt Ion: 50	Resp: 665896
Ion Ratio	Lower Upper
50	100
52	33.0 26.5 39.7

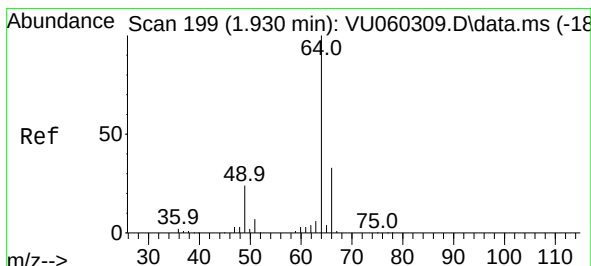
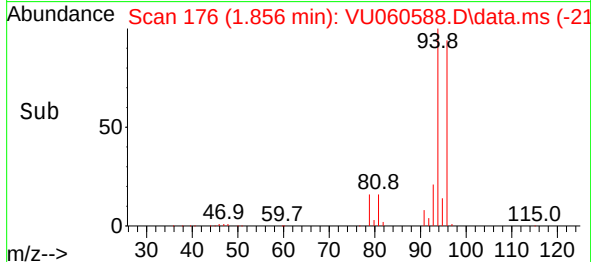
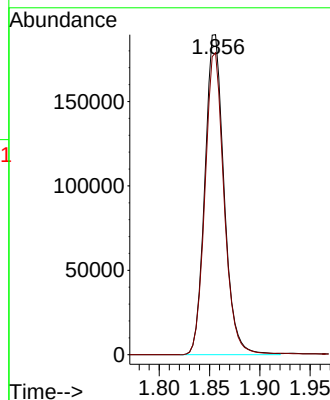
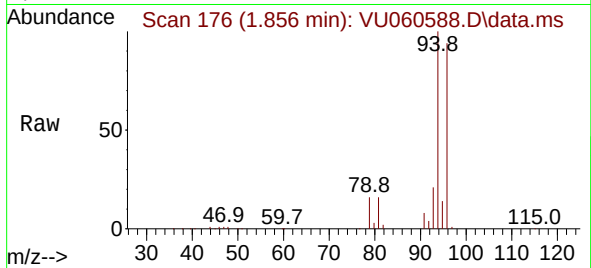




#5
Bromomethane
Concen: 27.426 ug/l
RT: 1.856 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

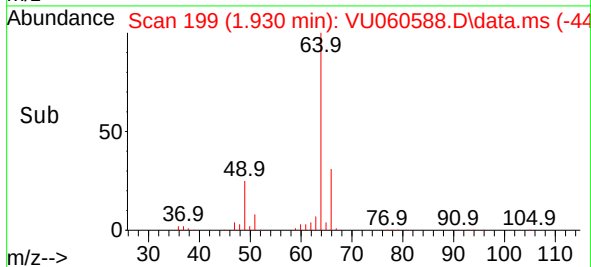
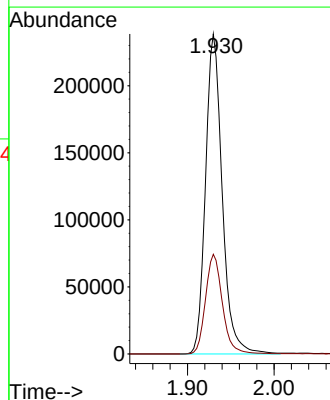
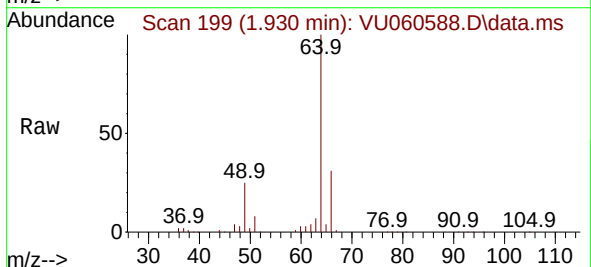
Instrument :
MSVOA_U
ClientSampleId :

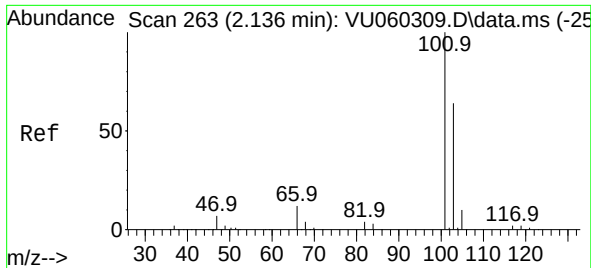
Tgt Ion: 94 Resp: 251811
Ion Ratio Lower Upper
94 100
96 94.3 73.8 110.8



#6
Chloroethane
Concen: 35.289 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

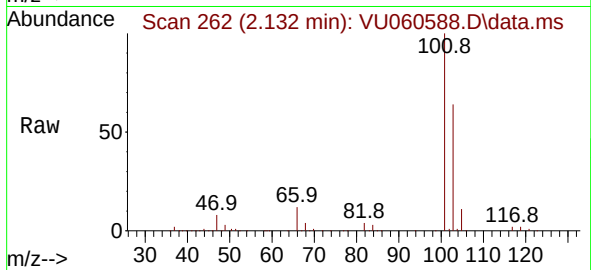
Tgt Ion: 64 Resp: 319148
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5



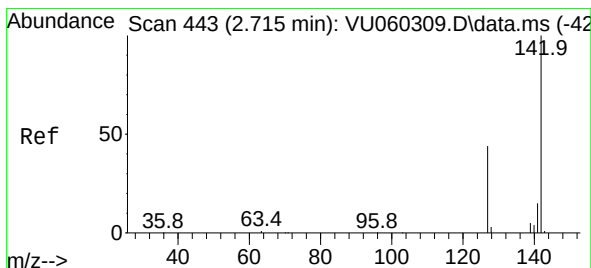
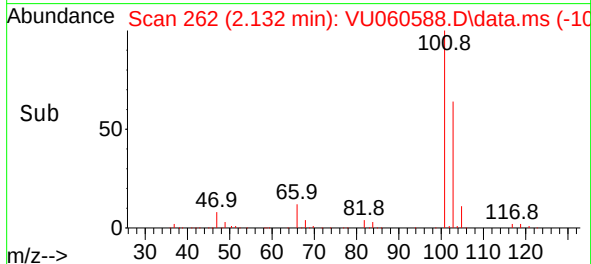
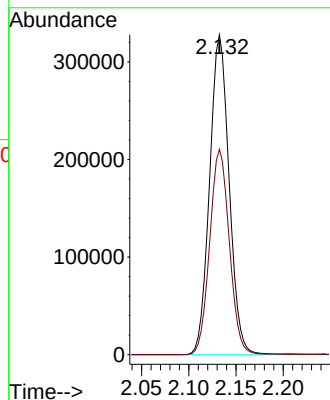


#7
 Trichlorofluoromethane
 Concen: 26.104 ug/l
 RT: 2.132 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VU060588.D
 Acq: 03 Sep 2024 16:29

Instrument :
 MSVOA_U
 ClientSampleId :

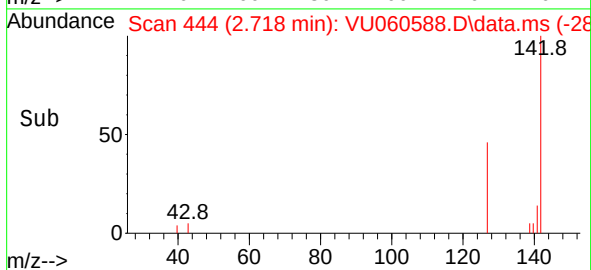
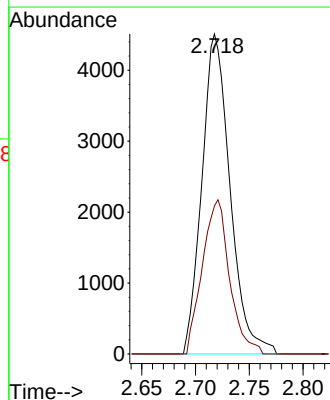
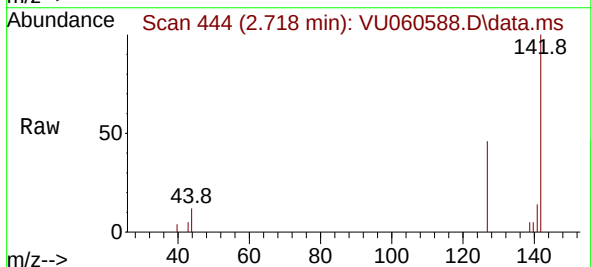


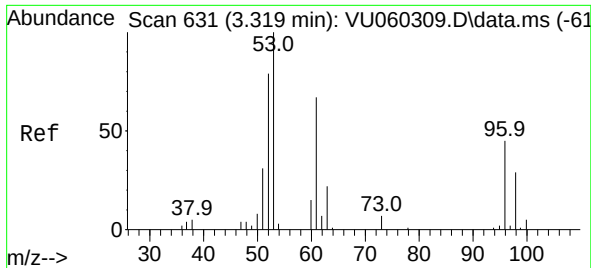
Tgt Ion:101 Resp: 470586
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.4



#10
 Iodomethane
 Concen: 0.545 ug/l
 RT: 2.718 min Scan# 444
 Delta R.T. 0.003 min
 Lab File: VU060588.D
 Acq: 03 Sep 2024 16:29

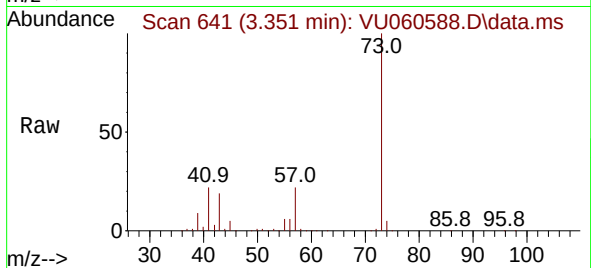
Tgt Ion:142 Resp: 8216
 Ion Ratio Lower Upper
 142 100
 127 46.7 35.5 53.3



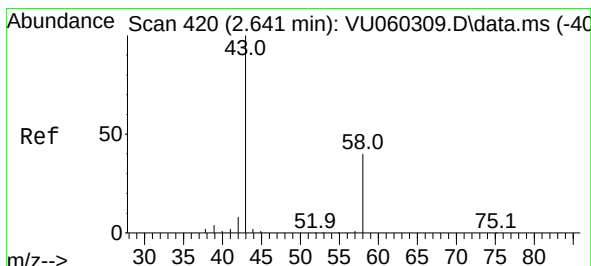
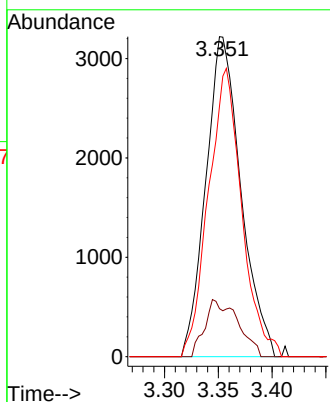
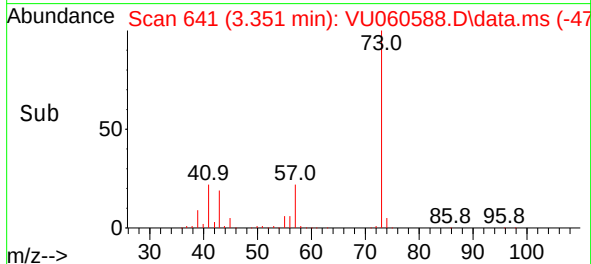


#12
Acrylonitrile
Concen: 2.745 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.032 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Instrument :
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ClientSampleId :

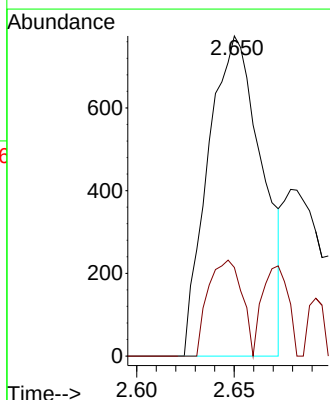
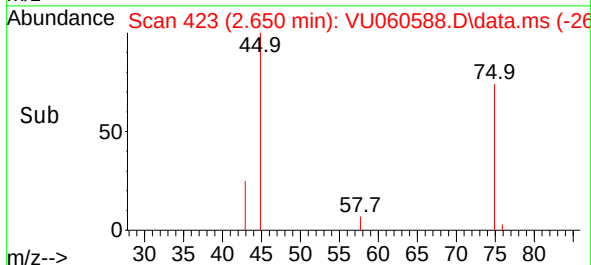
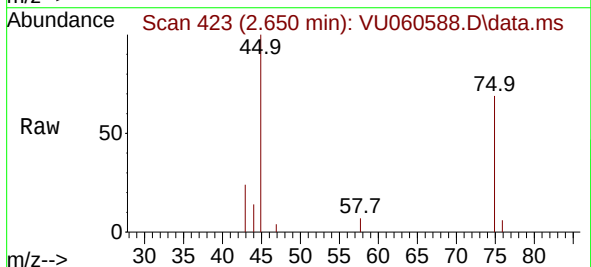


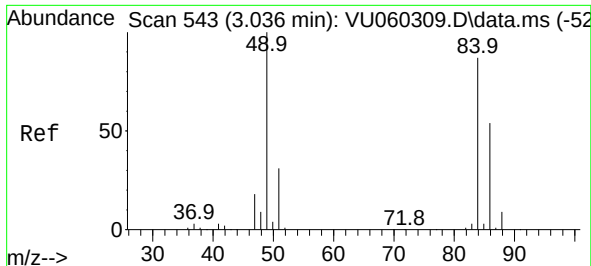
Tgt Ion: 53 Resp: 7288
Ion Ratio Lower Upper
53 100
52 8.9 63.7 95.5#
51 85.5 28.2 42.4#



#13
Acetone
Concen: 0.461 ug/l
RT: 2.650 min Scan# 423
Delta R.T. 0.009 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

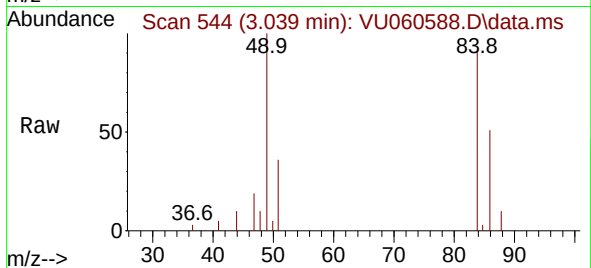
Tgt Ion: 43 Resp: 1487
Ion Ratio Lower Upper
43 100
58 27.6 31.8 47.8#





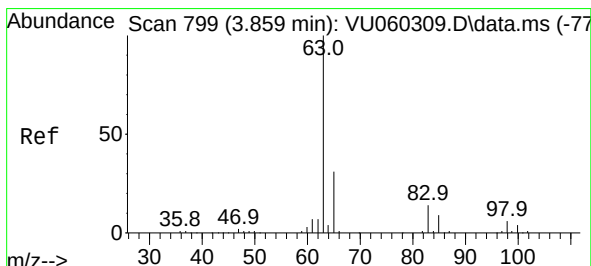
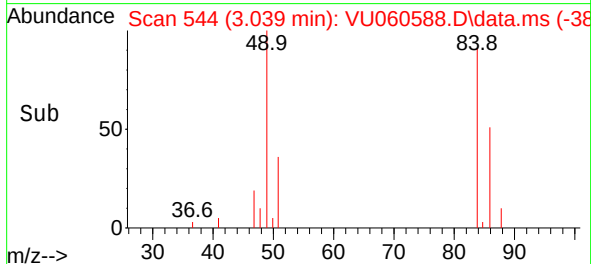
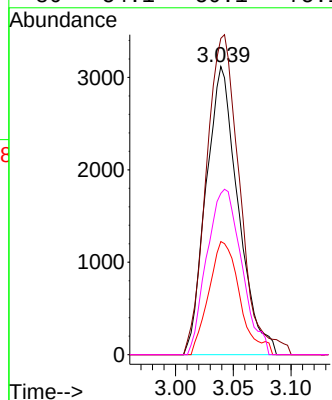
#15
Methylene Chloride
Concen: 0.473 ug/l
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6014

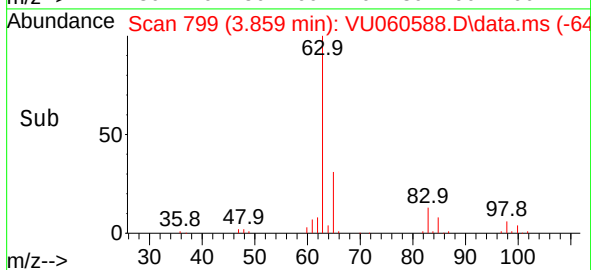
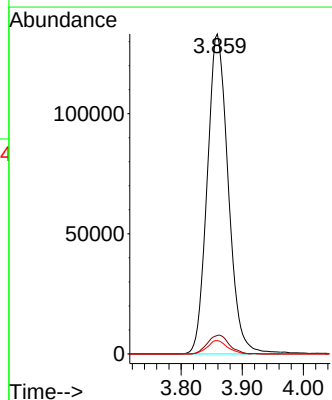
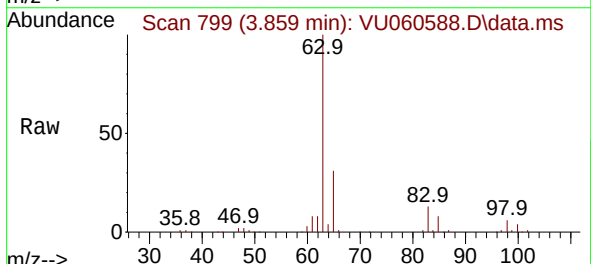
Ion	Ratio	Lower	Upper
84	100		
49	106.0	92.1	138.1
51	37.9	0.0	72.4
86	54.1	50.1	75.1

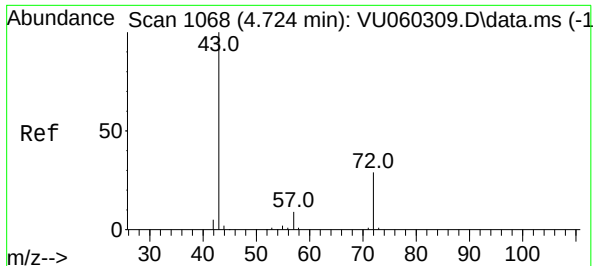


#17
1,1-Dichloroethane
Concen: 15.188 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060588.D
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Tgt Ion: 63 Resp: 317920

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

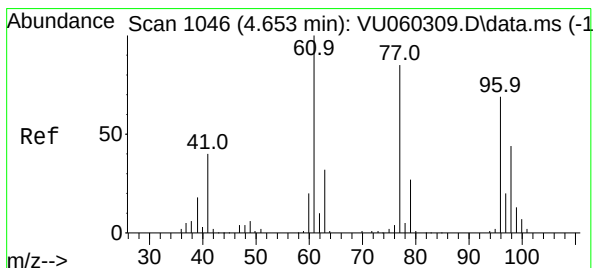
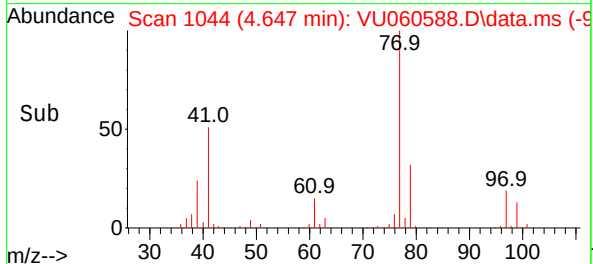
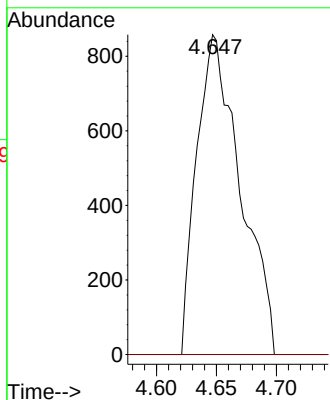
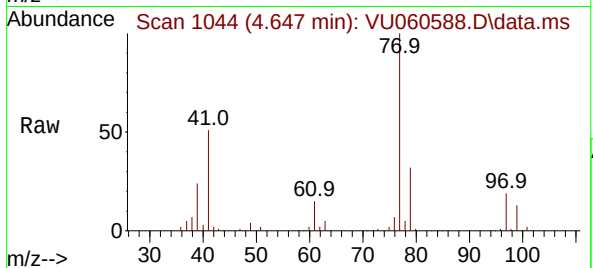




#18
2-Butanone
Concen: 0.585 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.077 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

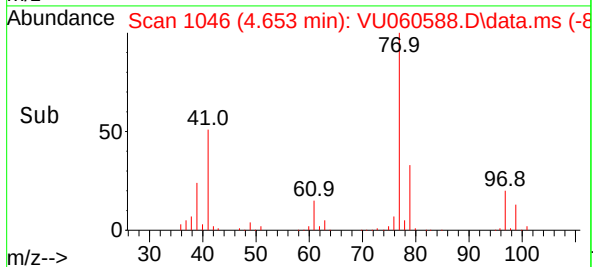
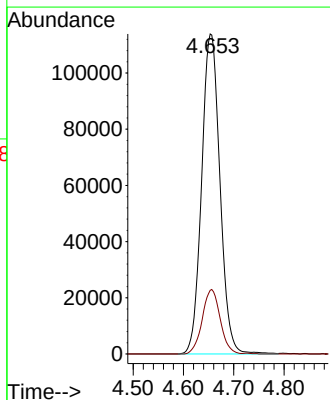
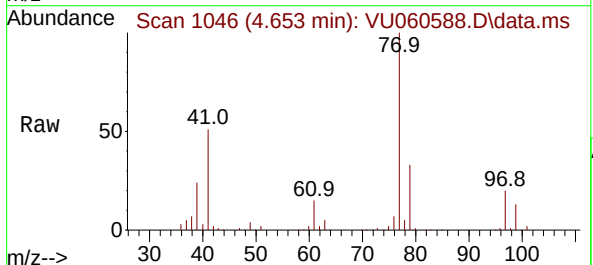
Instrument :
MSVOA_U
ClientSampleId :

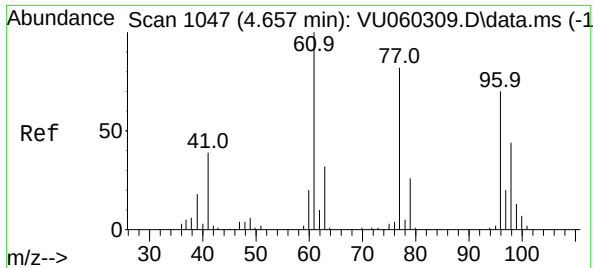
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.4



#21
2,2-Dichloropropane
Concen: 17.677 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Tgt Ion: 77 Resp: 288169
Ion Ratio Lower Upper
77 100
97 19.7 18.6 27.8

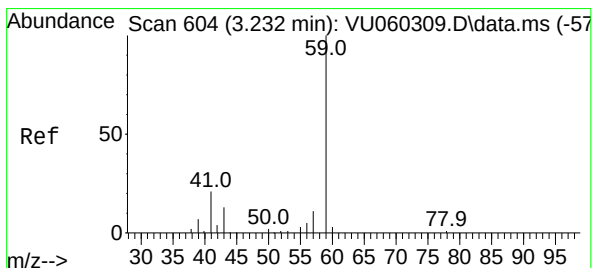
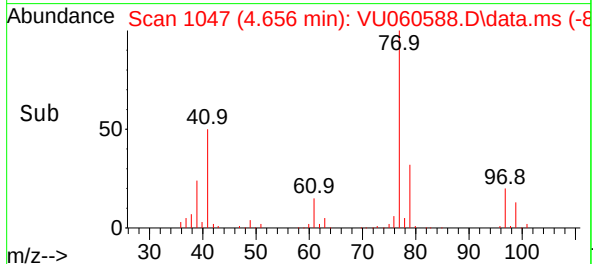
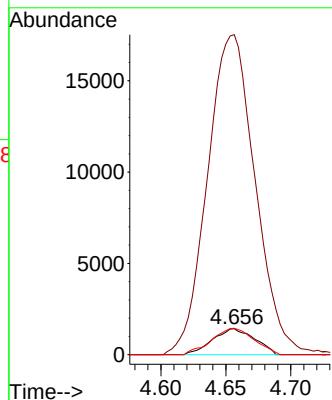
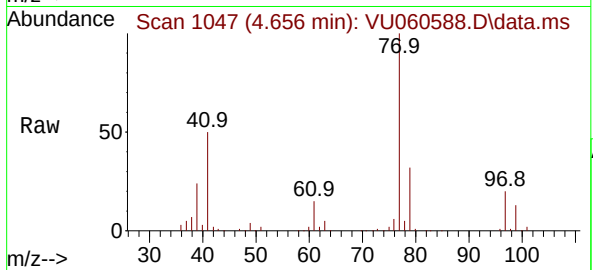




#22
 cis-1,2-Dichloroethene
 Concen: 0.275 ug/l
 RT: 4.656 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU060588.D
 Acq: 03 Sep 2024 16:29

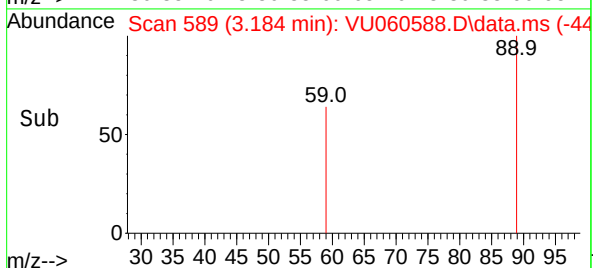
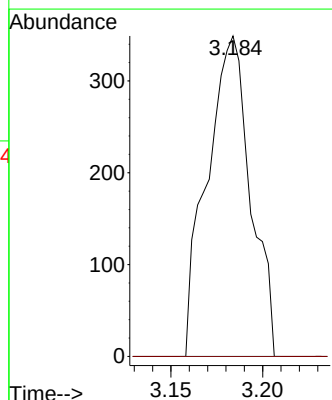
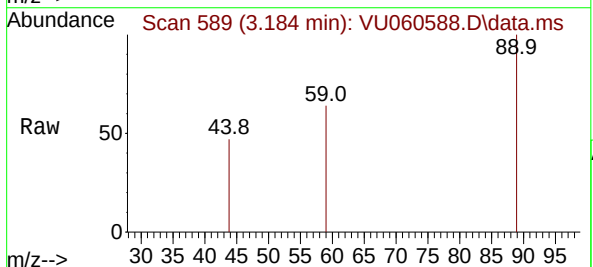
Instrument :
 MSVOA_U
 ClientSampleId :

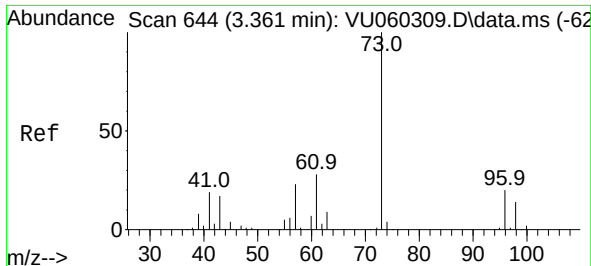
Tgt Ion: 96 Resp: 3202
 Ion Ratio Lower Upper
 96 100
 61 1401.8 0.0 372.8#
 98 102.5 31.8 95.4#



#24
 tert-Butyl Alcohol
 Concen: 0.556 ug/l
 RT: 3.184 min Scan# 589
 Delta R.T. -0.048 min
 Lab File: VU060588.D
 Acq: 03 Sep 2024 16:29

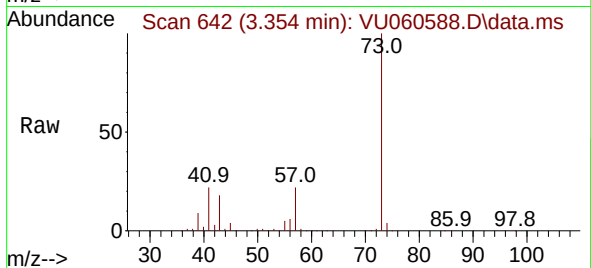
Tgt Ion: 59 Resp: 574
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.5 6.7#



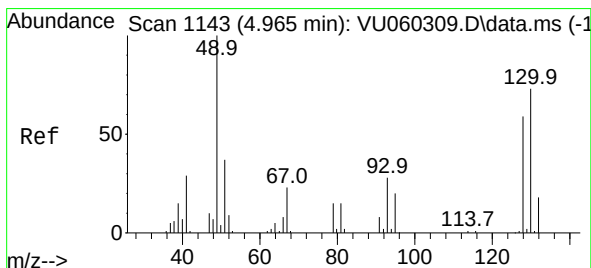
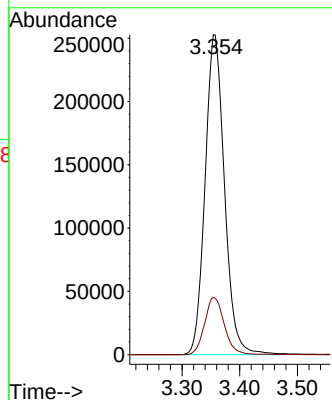
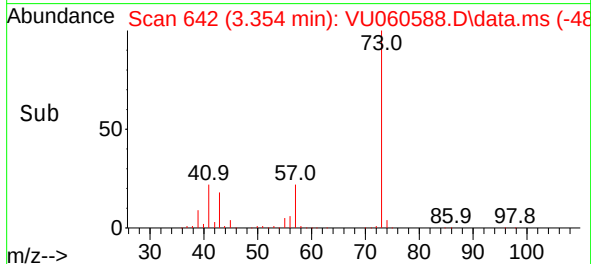


#25
Methyl tert-Butyl Ether
Concen: 23.671 ug/l
RT: 3.354 min Scan# 644
Delta R.T. -0.007 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Instrument :
MSVOA_U
ClientSampleId :

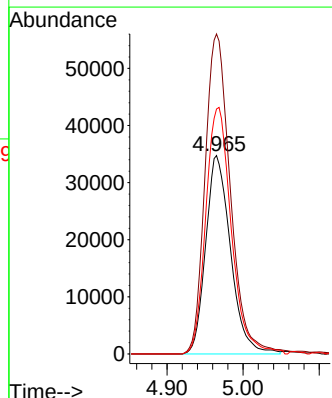
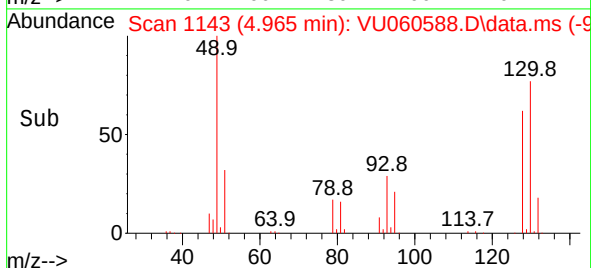
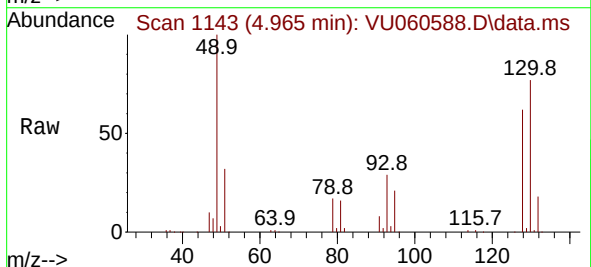


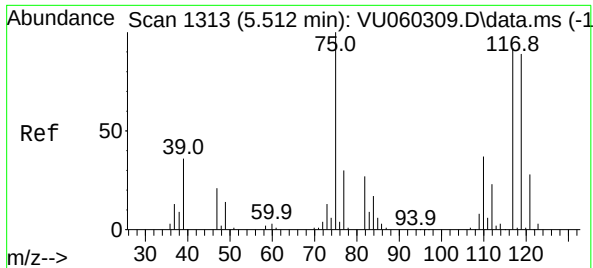
Tgt Ion: 73 Resp: 590475
Ion Ratio Lower Upper
73 100
43 18.1 14.1 21.1



#26
Bromochloromethane
Concen: 15.977 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Tgt Ion: 128 Resp: 78905
Ion Ratio Lower Upper
128 100
49 164.5 0.0 340.8
130 127.9 102.1 153.1

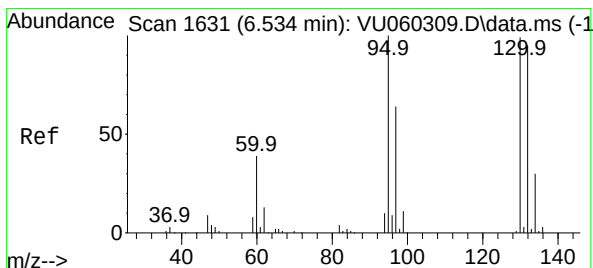
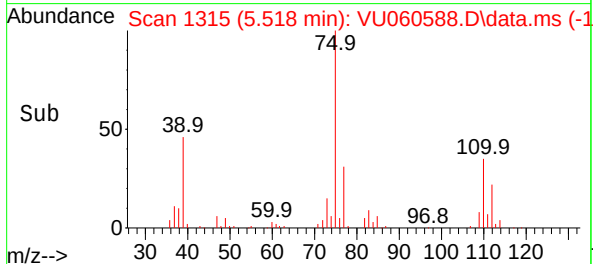
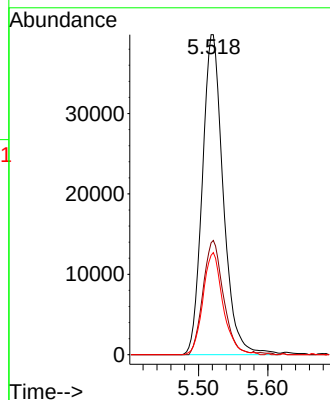
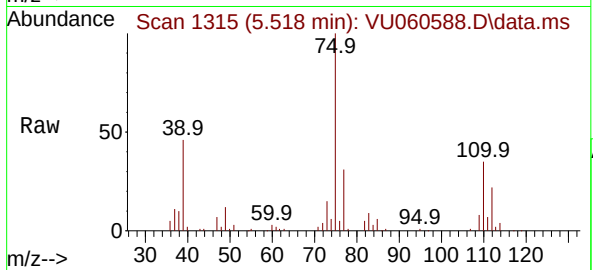




#29
1,1-Dichloropropene
Concen: 6.114 ug/l
RT: 5.518 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

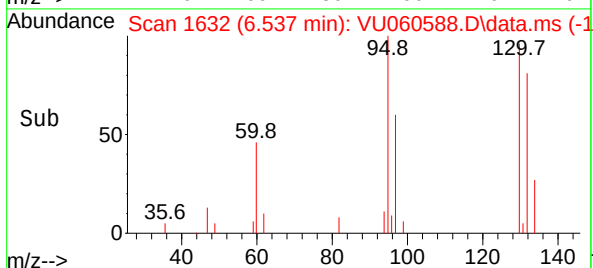
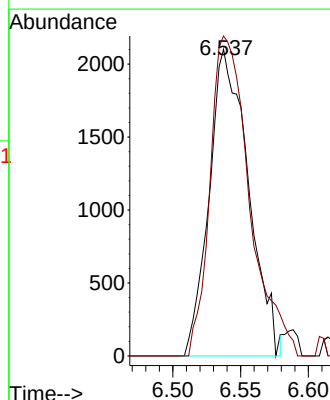
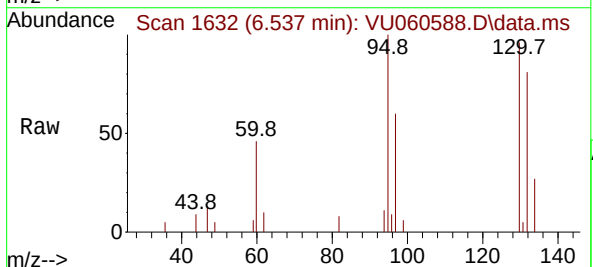
Instrument :
MSVOA_U
ClientSampleId :

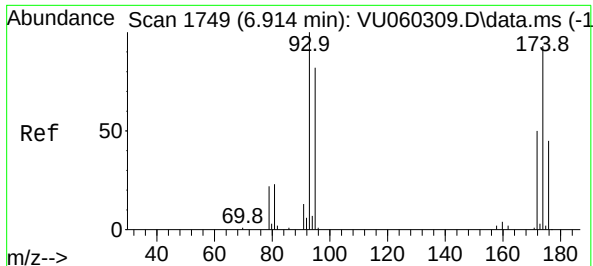
Tgt Ion: 75 Resp: 83357
Ion Ratio Lower Upper
75 100
110 34.7 18.4 55.2
77 30.7 24.8 37.2



#37
Trichloroethene
Concen: 0.405 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Tgt Ion:130 Resp: 4217
Ion Ratio Lower Upper
130 100
95 104.3 80.6 121.0





#43

Dibromomethane

Concen: 7.102 ug/l

RT: 6.910 min Scan# 1

Delta R.T. -0.003 min

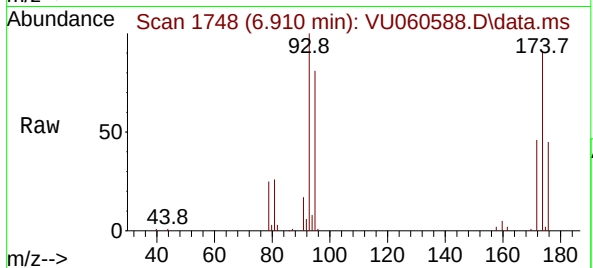
Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

Instrument :

MSVOA_U

ClientSampleId :



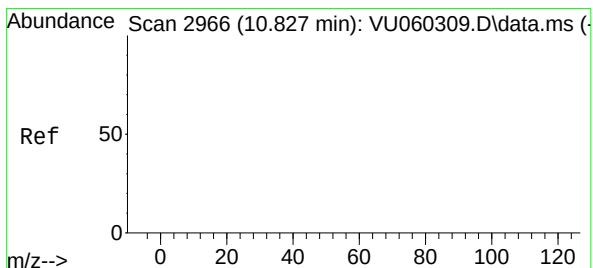
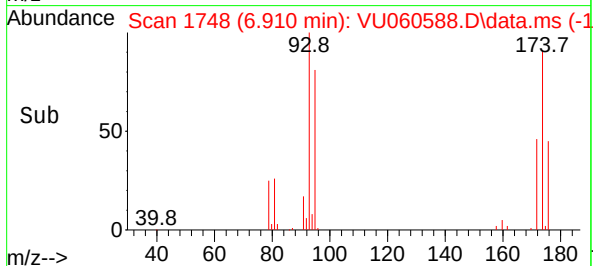
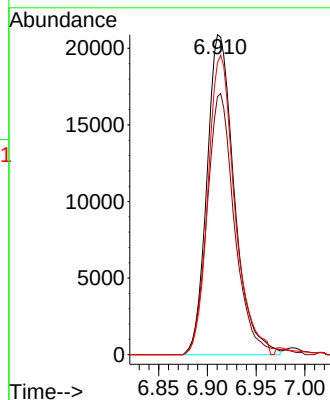
Tgt Ion: 93 Resp: 40828

Ion Ratio Lower Upper

93 100

95 82.3 66.4 99.6

174 91.4 75.2 112.8



#46

t-1,4-Dichloro-2-butene

Concen: 16.167 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

Tgt Ion: 75 Resp: 48902

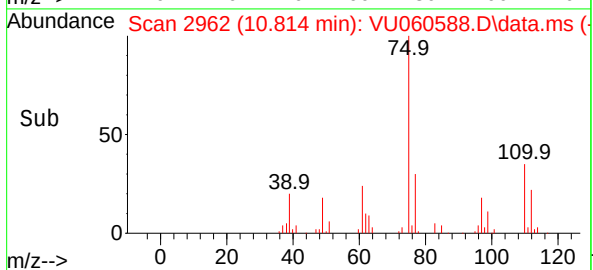
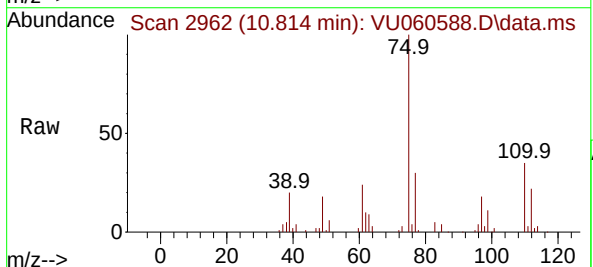
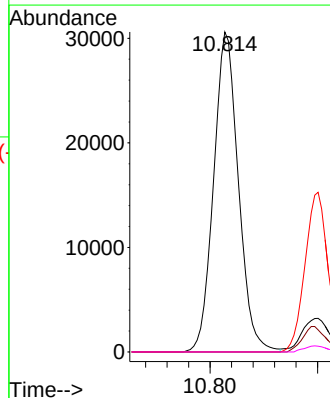
Ion Ratio Lower Upper

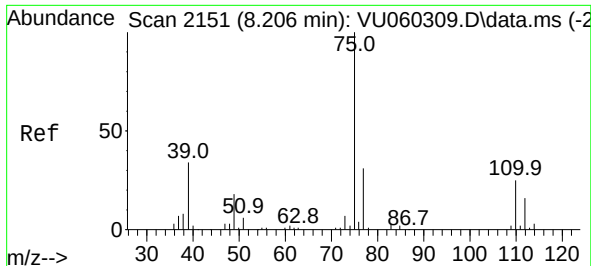
75 100

53 0.0 57.2 85.8#

89 0.0 40.4 60.6#

88 0.0 29.1 43.7#

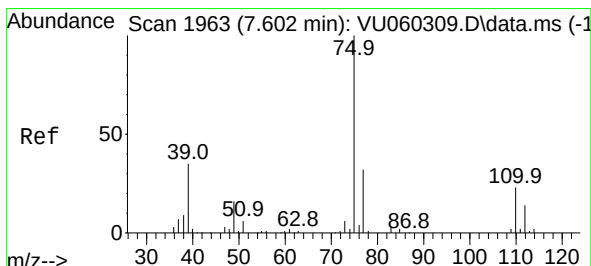
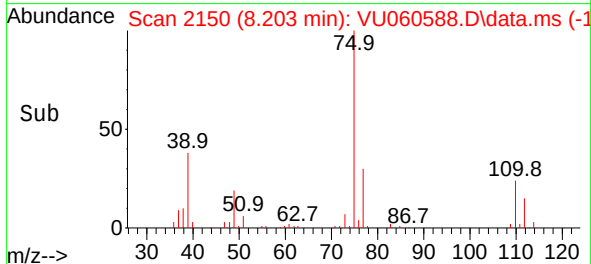
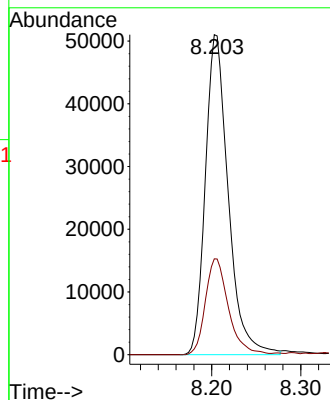
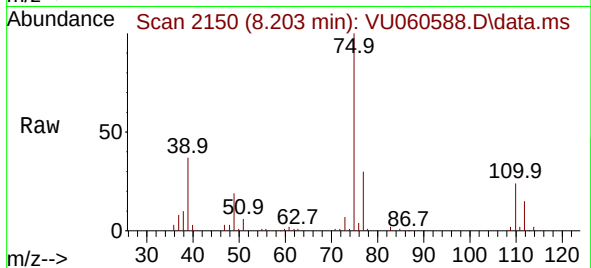




#50
t-1,3-Dichloropropene
Concen: 7.975 ug/l
RT: 8.203 min Scan# 2151
Delta R.T. -0.003 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

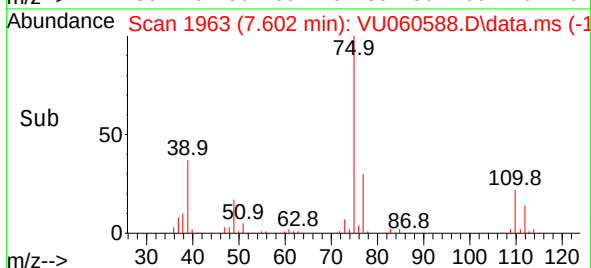
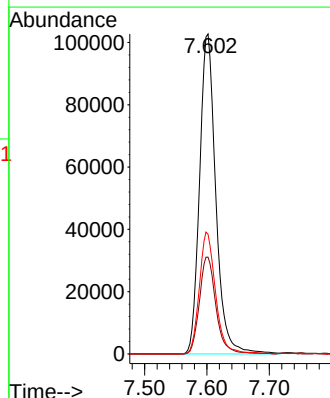
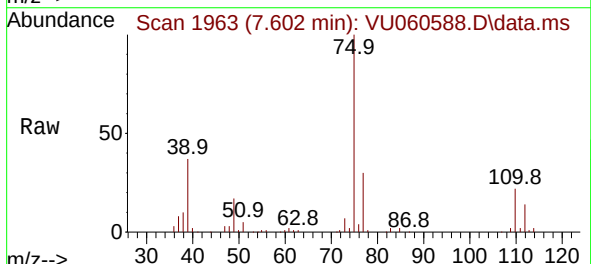
Instrument :
MSVOA_U
ClientSampleId :

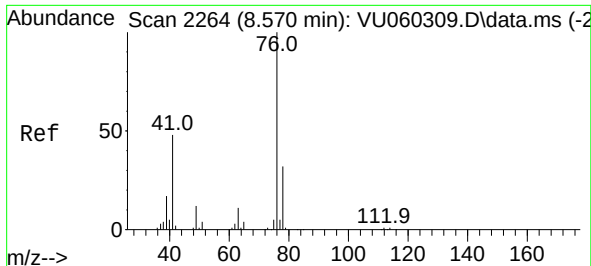
Tgt Ion: 75 Resp: 90877
Ion Ratio Lower Upper
75 100
77 30.0 24.6 37.0



#51
cis-1,3-Dichloropropene
Concen: 13.566 ug/l
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Tgt Ion: 75 Resp: 185961
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0
39 37.4 28.0 42.0





#53

1,3-Dichloropropane

Concen: 11.851 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

Instrument :

MSVOA_U

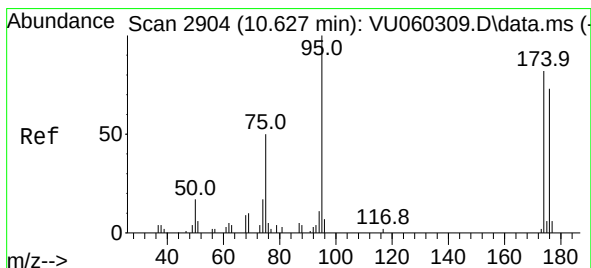
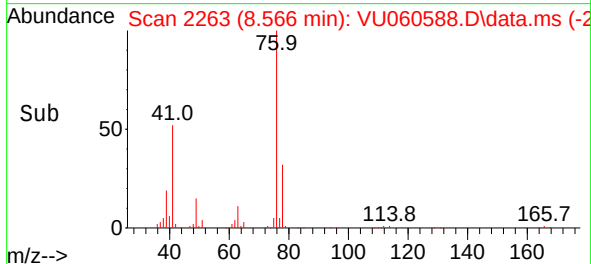
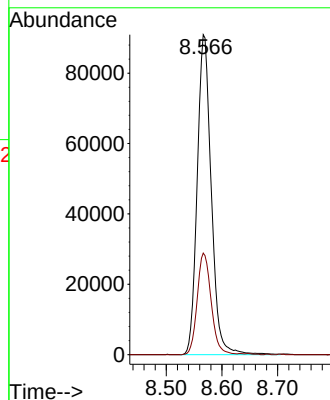
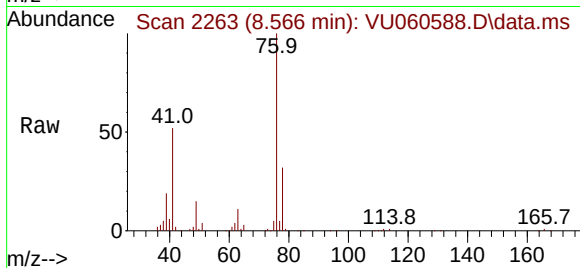
ClientSampleId :

Tgt Ion: 76 Resp: 159579

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.2



#57

4-Bromofluorobenzene

Concen: 1.140 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

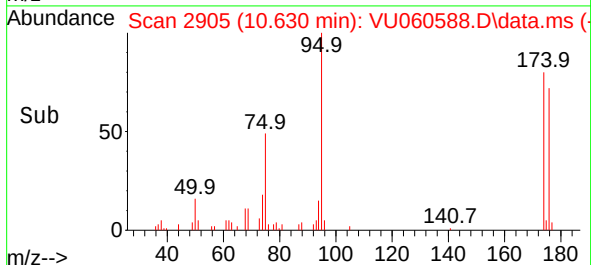
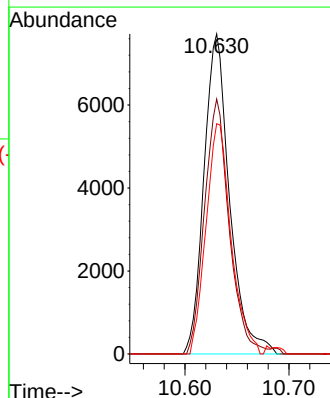
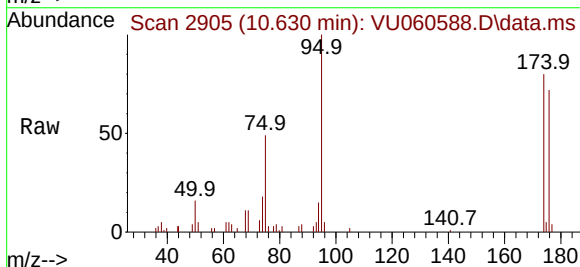
Tgt Ion: 95 Resp: 13200

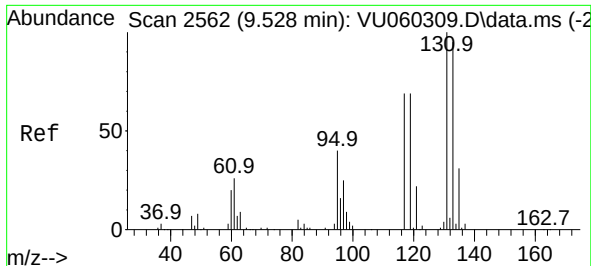
Ion Ratio Lower Upper

95 100

174 76.9 65.6 98.4

176 70.5 60.4 90.6





#60

1,1,1,2-Tetrachloroethane

Concen: 17.951 ug/l

RT: 9.524 min Scan# 2562

Delta R.T. -0.003 min

Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

Instrument :

MSVOA_U

ClientSampleId :

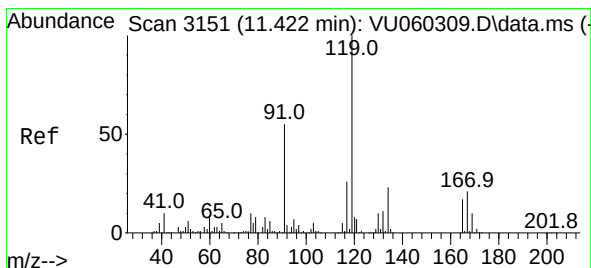
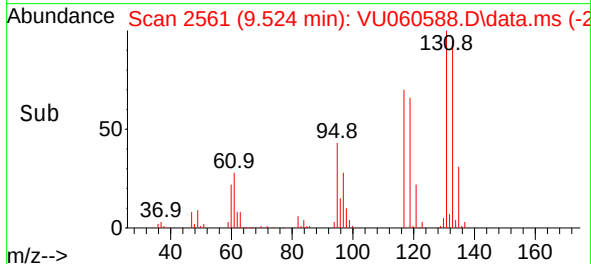
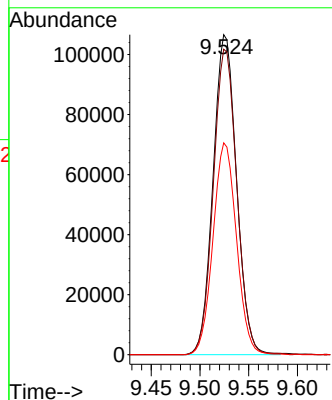
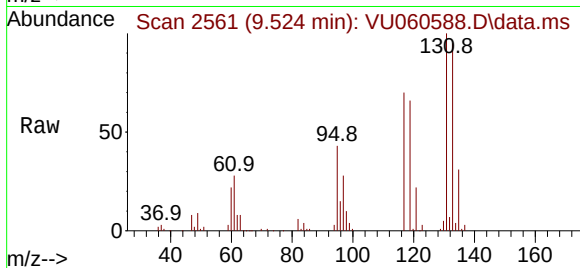
Tgt Ion:131 Resp: 178376

Ion Ratio Lower Upper

131 100

133 96.0 77.2 115.8

119 66.4 55.4 83.2



#61

Pentachloroethane

Concen: 3.841 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. -0.013 min

Lab File: VU060588.D

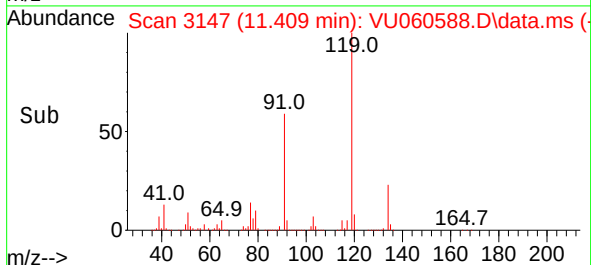
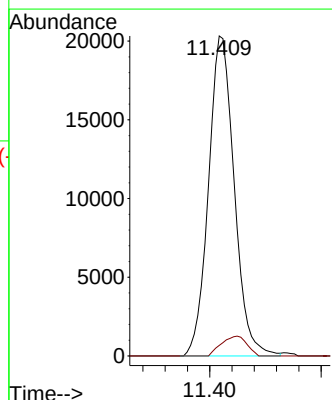
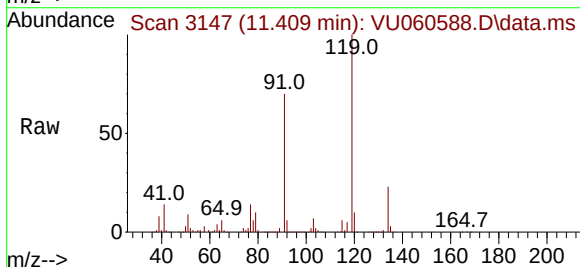
Acq: 03 Sep 2024 16:29

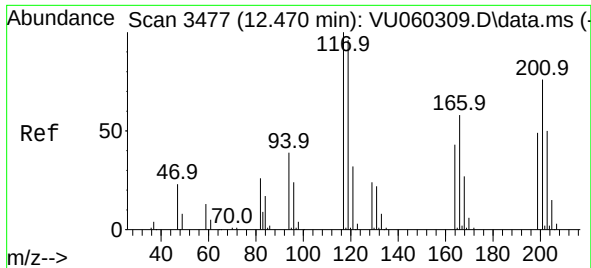
Tgt Ion:117 Resp: 32600

Ion Ratio Lower Upper

117 100

167 6.1 62.2 93.4#

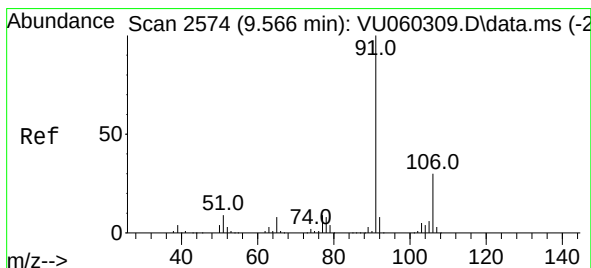
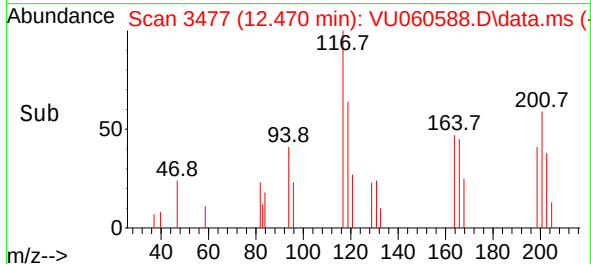
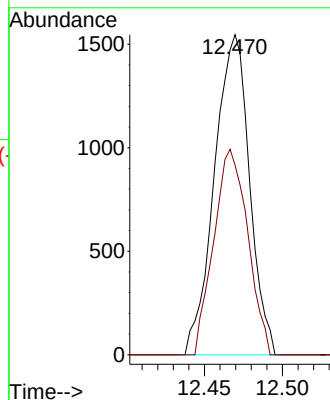
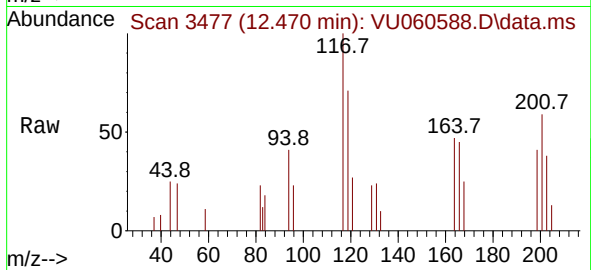




#62
Hexachloroethane
Concen: 0.295 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

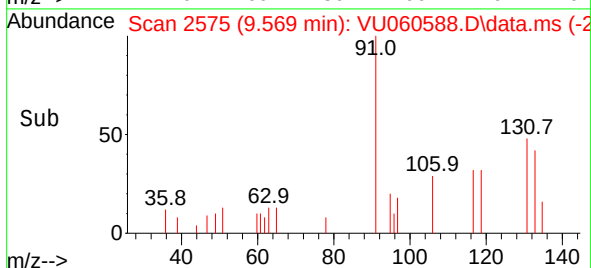
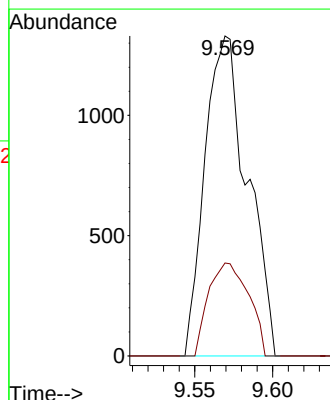
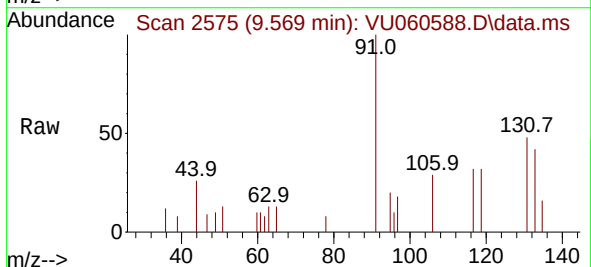
Instrument :
MSVOA_U
ClientSampleId :

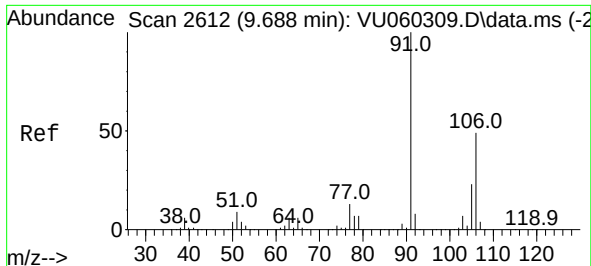
Tgt Ion:117 Resp: 2419
Ion Ratio Lower Upper
117 100
201 62.1 62.7 94.1#



#63
Ethyl Benzene
Concen: 0.548 ug/l
RT: 9.569 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Tgt Ion: 91 Resp: 2520
Ion Ratio Lower Upper
91 100
106 29.0 24.4 36.6

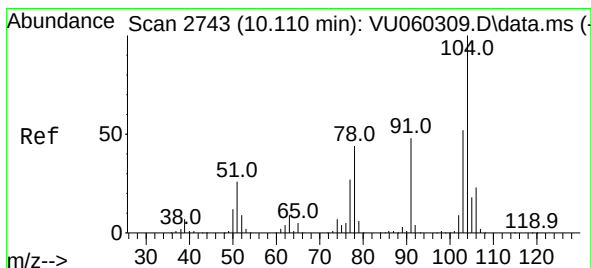
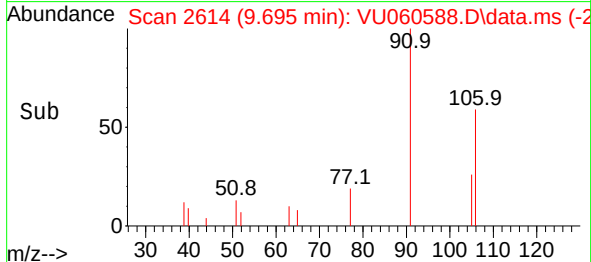
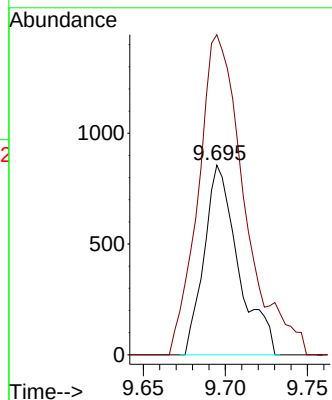
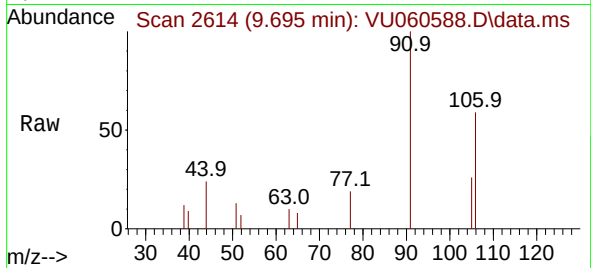




#64
m/p-Xylenes
Concen: 0.959 ug/l
RT: 9.695 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

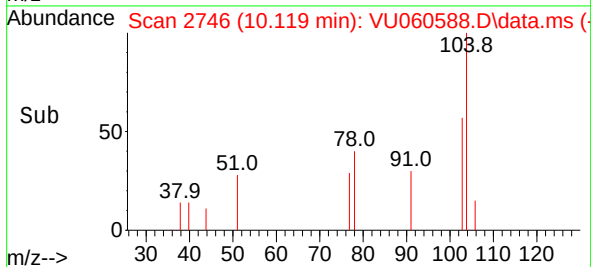
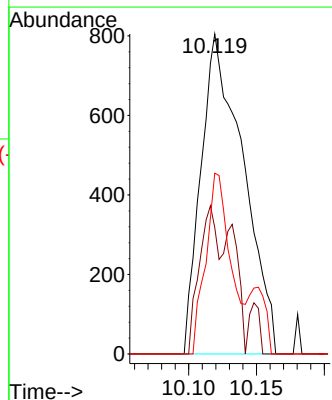
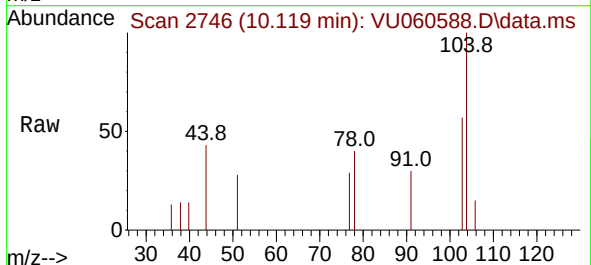
Instrument :
MSVOA_U
ClientSampleId :

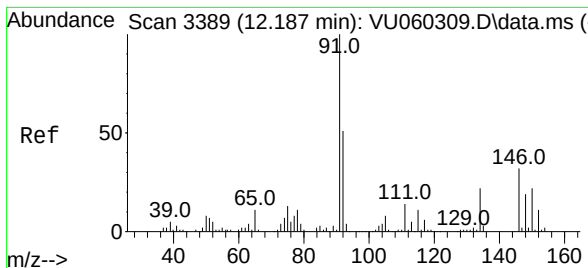
Tgt Ion:106 Resp: 1238
Ion Ratio Lower Upper
106 100
91 228.4 165.0 247.4



#66
Styrene
Concen: 0.523 ug/l
RT: 10.119 min Scan# 2746
Delta R.T. 0.009 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Tgt Ion:104 Resp: 1737
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: 1.014 ug/l

RT: 12.190 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

Instrument :

MSVOA_U

ClientSampleId :

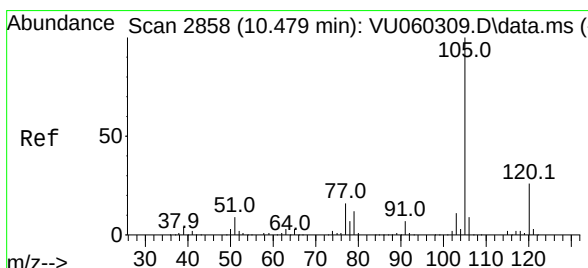
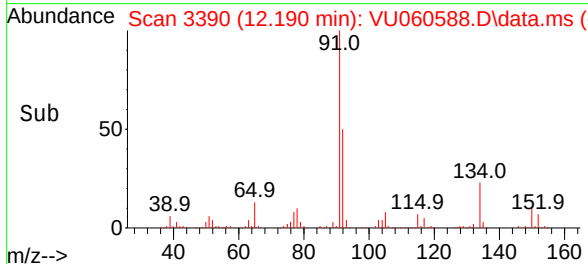
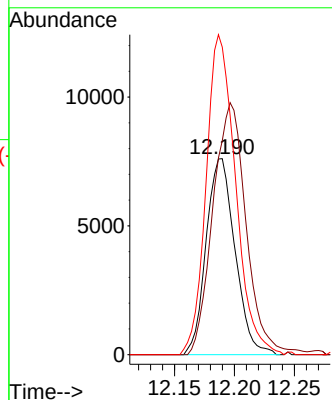
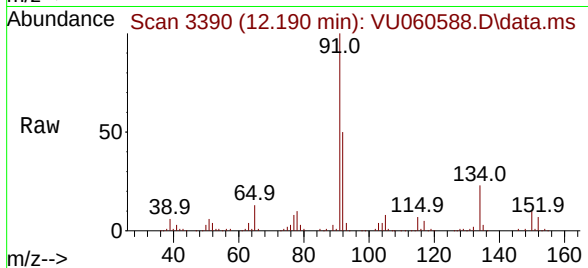
Tgt Ion:152 Resp: 12761

Ion Ratio Lower Upper

152 100

115 147.7 0.0 325.2

150 166.3 0.0 684.2



#69

Isopropylbenzene

Concen: 11.689 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU060588.D

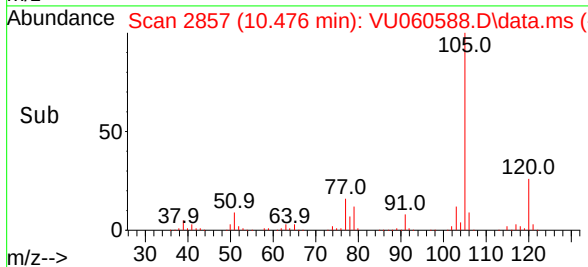
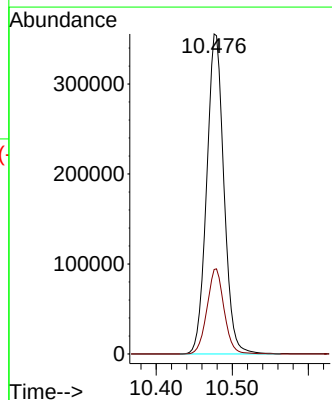
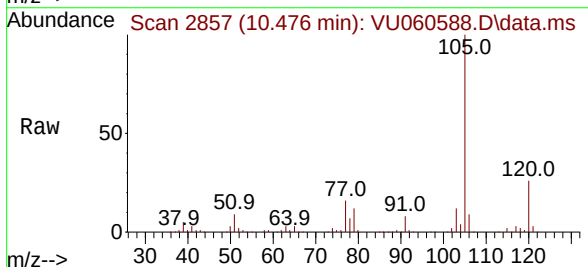
Acq: 03 Sep 2024 16:29

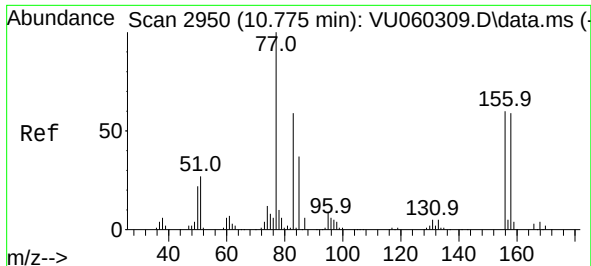
Tgt Ion:105 Resp: 559738

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0

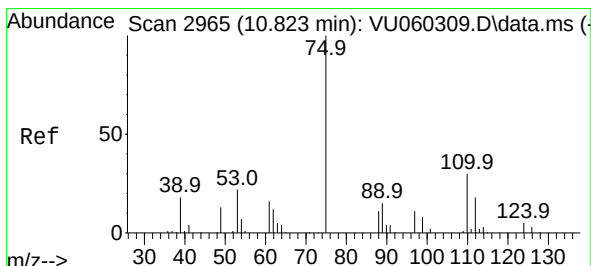
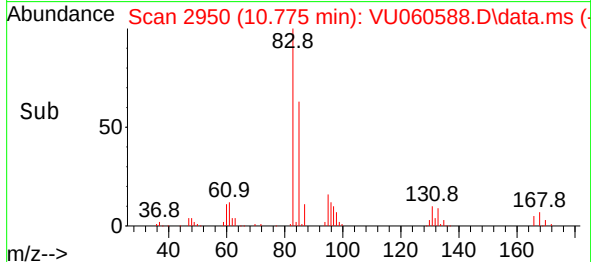
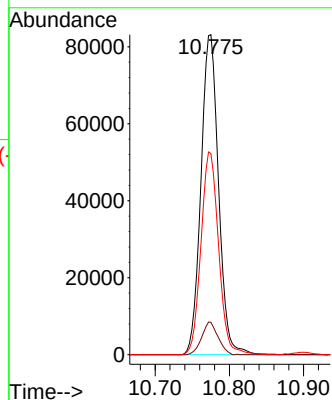
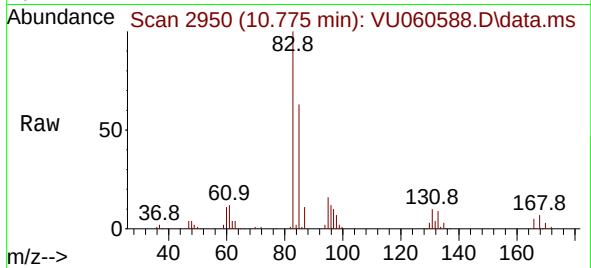




#70
1,1,2,2-Tetrachloroethane
Concen: 12.197 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

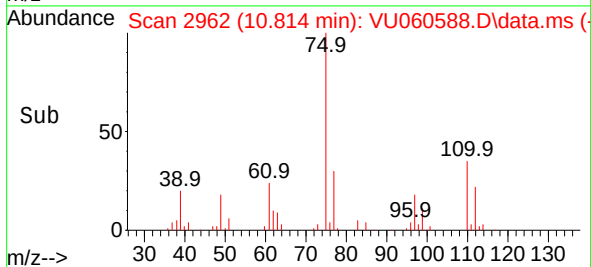
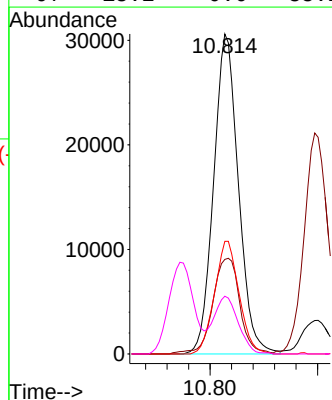
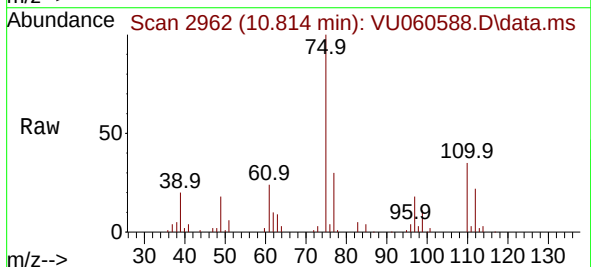
Instrument :
MSVOA_U
ClientSampleId :

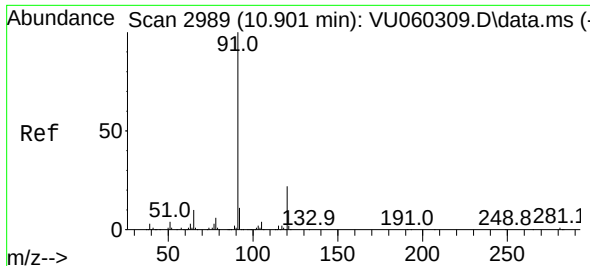
Tgt Ion: 83 Resp: 136970
Ion Ratio Lower Upper
83 100
131 9.4 7.1 10.7
85 63.4 50.9 76.3



#71
1,2,3-Trichloropropane
Concen: 5.879 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.010 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

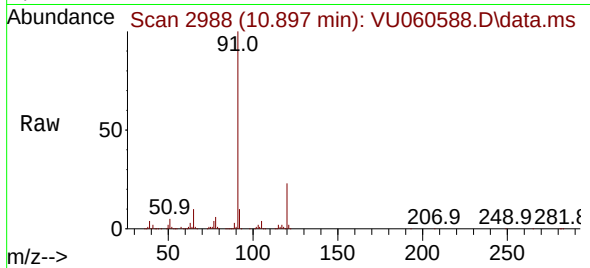
Tgt Ion: 75 Resp: 48902
Ion Ratio Lower Upper
75 100
77 32.6 0.0 102.2
110 34.9 0.0 67.4
97 18.2 0.0 38.2



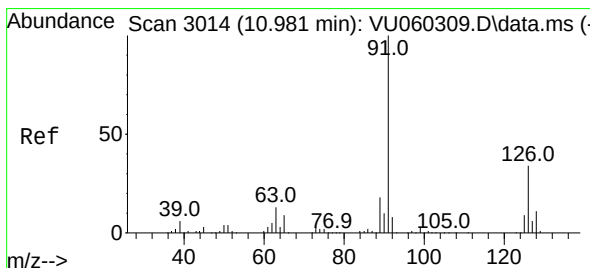
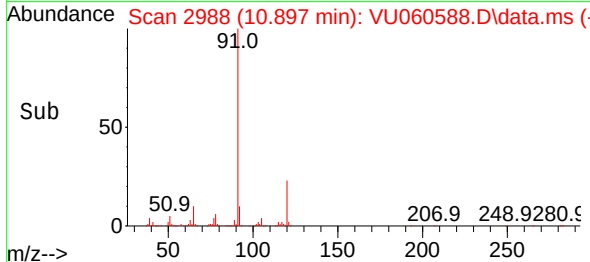
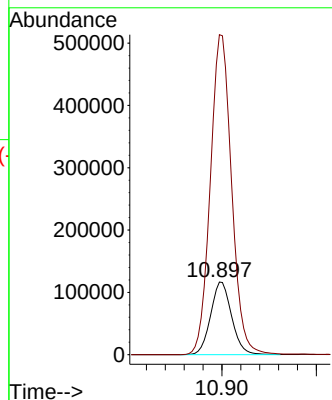


#73
n-propylbenzene
Concen: 13.026 ug/l
RT: 10.897 min Scan# 20
Delta R.T. -0.004 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Instrument :
MSVOA_U
ClientSampleId :

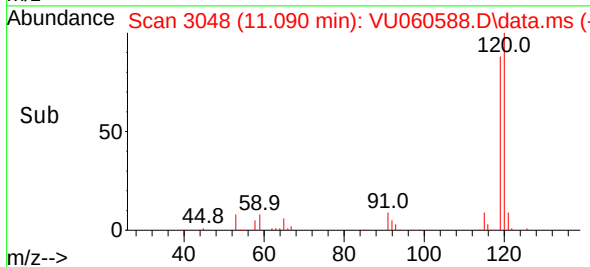
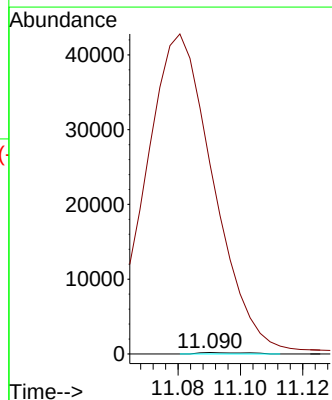
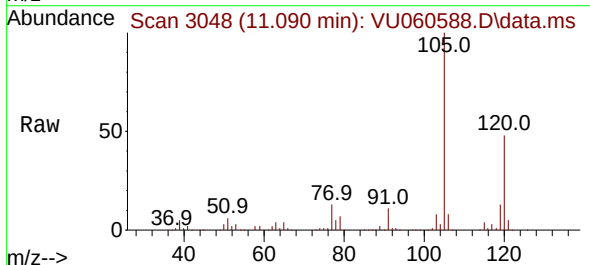


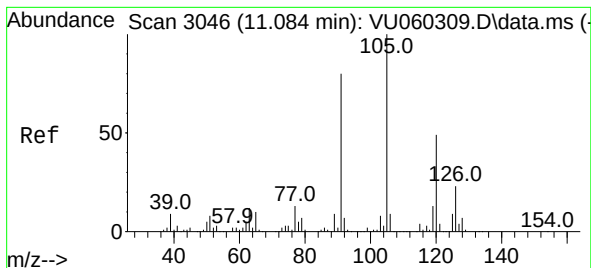
Tgt Ion:120 Resp: 179941
Ion Ratio Lower Upper
120 100
91 446.9 362.2 543.2



#74
2-Chlorotoluene
Concen: 0.331 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.109 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Tgt Ion:126 Resp: 195
Ion Ratio Lower Upper
126 100
91 33678.5 0.0 585.6#





#75

1,3,5-Trimethylbenzene

Concen: 13.674 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

Instrument :

MSVOA_U

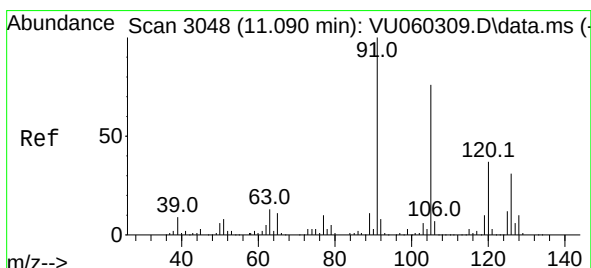
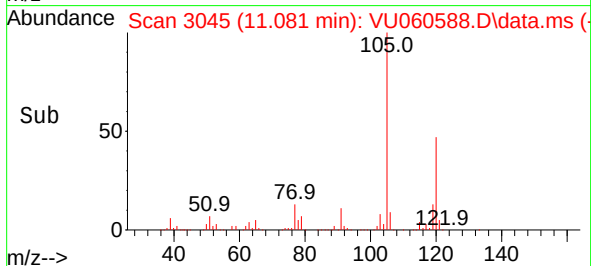
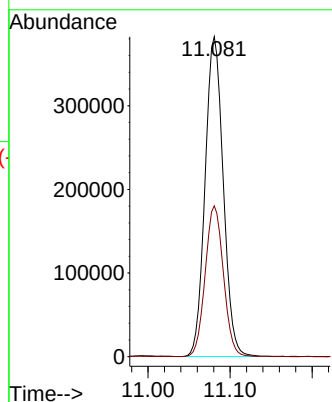
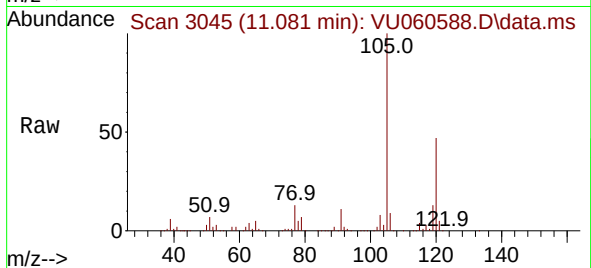
ClientSampleId :

Tgt Ion:105 Resp: 587582

Ion Ratio Lower Upper

105 100

120 47.3 38.6 57.8



#76

4-Chlorotoluene

Concen: 0.352 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU060588.D

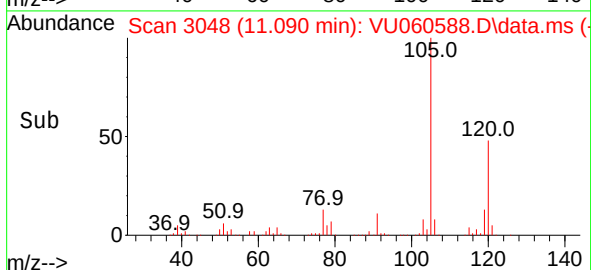
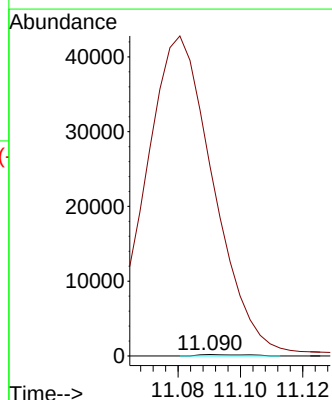
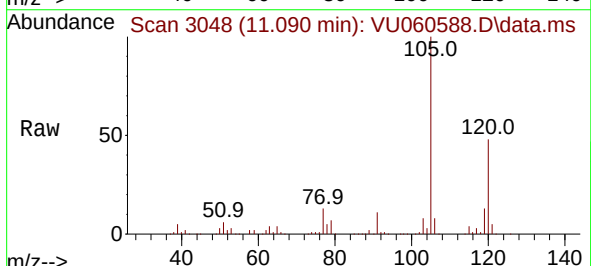
Acq: 03 Sep 2024 16:29

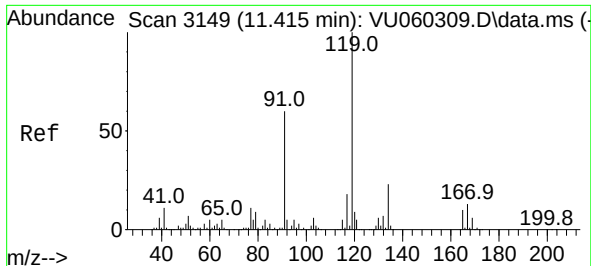
Tgt Ion:126 Resp: 195

Ion Ratio Lower Upper

126 100

91 33678.5 0.0 669.4#

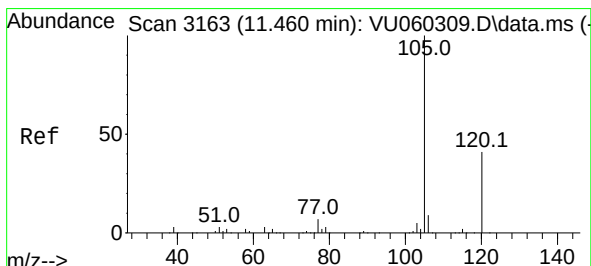
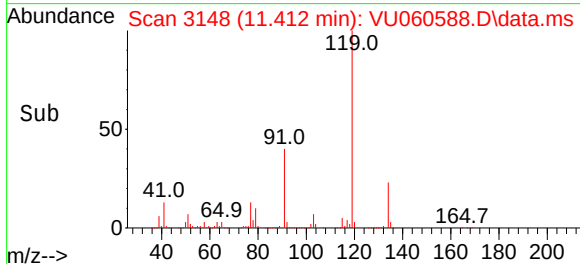
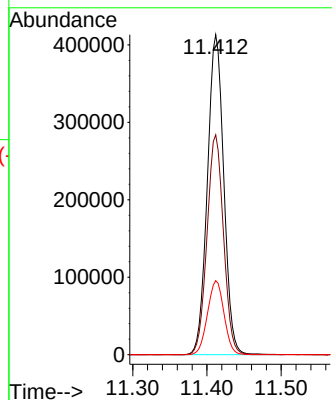
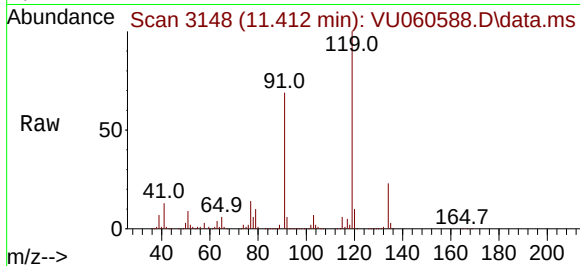




#77
tert-Butylbenzene
Concen: 15.528 ug/l
RT: 11.412 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

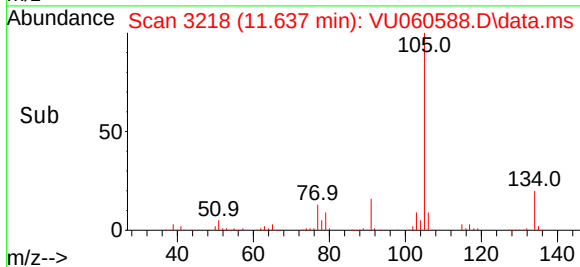
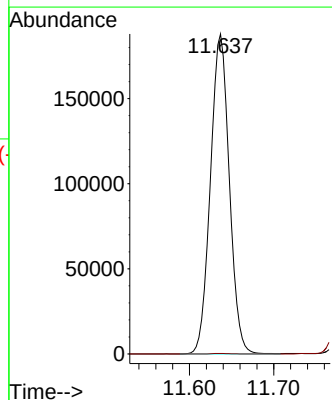
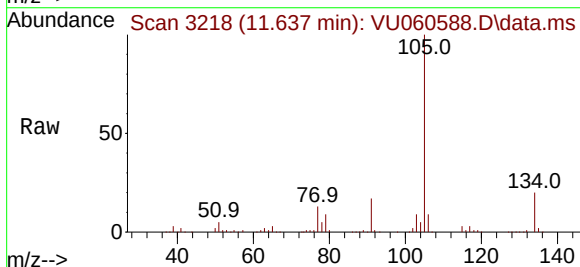
Instrument :
MSVOA_U
ClientSampleId :

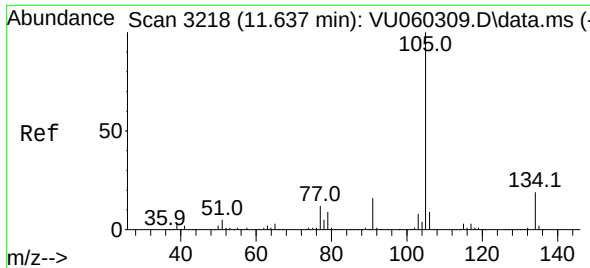
Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.1	29.0	87.1
134	23.3	17.8	26.8



#78
1,2,4-Trimethylbenzene
Concen: 6.787 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.177 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

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

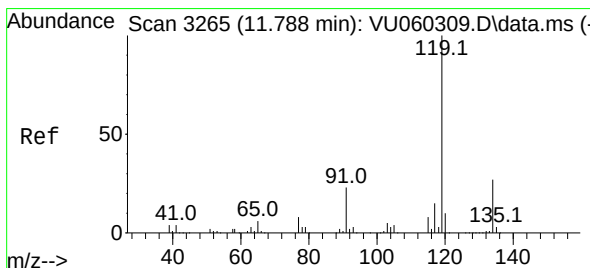
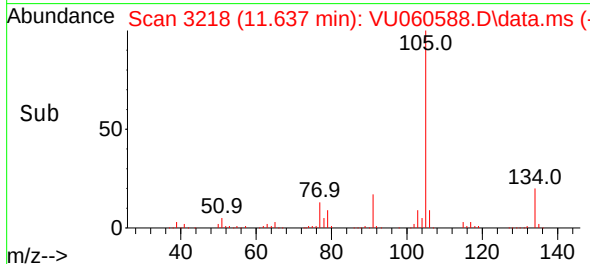
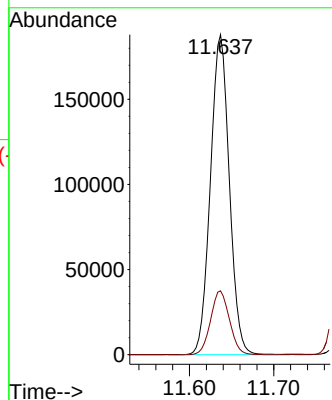
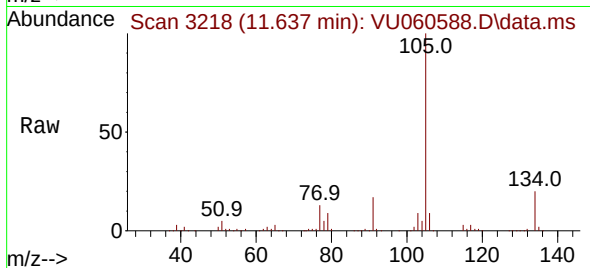




#79
 sec-Butylbenzene
 Concen: 5.540 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. -0.000 min
 Lab File: VU060588.D
 Acq: 03 Sep 2024 16:29

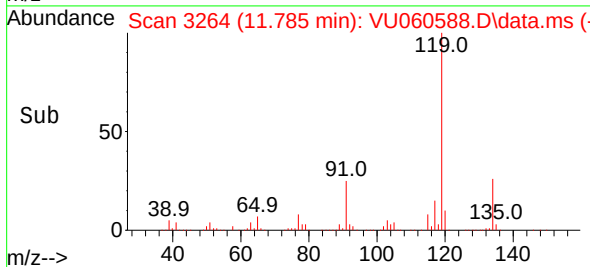
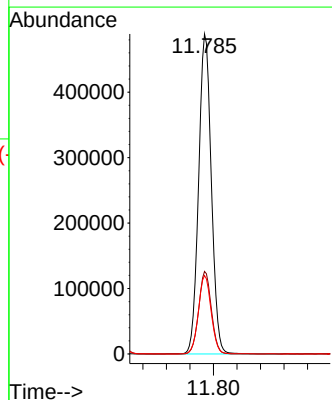
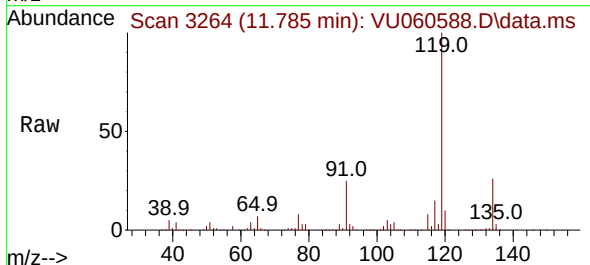
Instrument :
 MSVOA_U
 ClientSampleId :

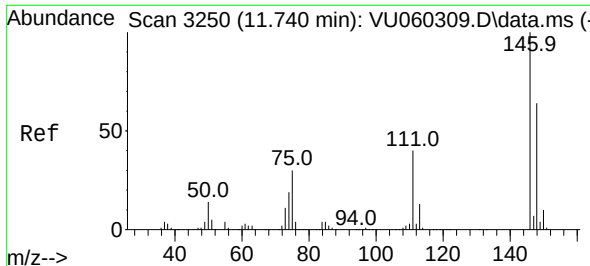
Tgt Ion:105 Resp: 292747
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.5 23.3



#81
 p-Isopropyltoluene
 Concen: 15.699 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.003 min
 Lab File: VU060588.D
 Acq: 03 Sep 2024 16:29

Tgt Ion:119 Resp: 731391
 Ion Ratio Lower Upper
 119 100
 134 25.8 21.2 31.8
 91 24.6 18.9 28.3





#82

1,3-Dichlorobenzene

Concen: 5.597 ug/l

RT: 11.740 min Scan# 31

Delta R.T. -0.000 min

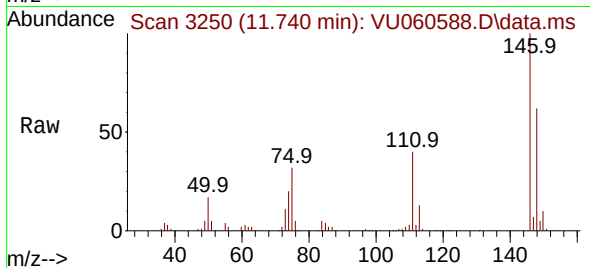
Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

Instrument :

MSVOA_U

ClientSampleId :



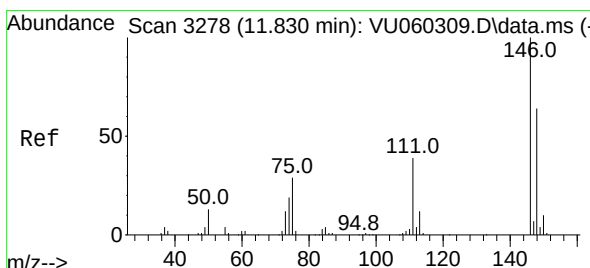
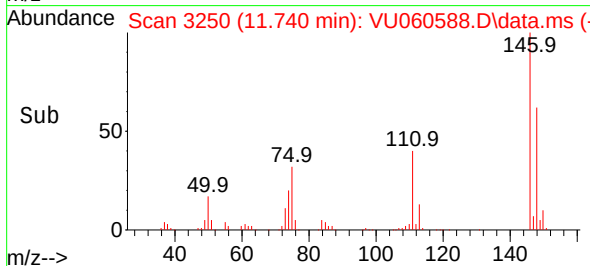
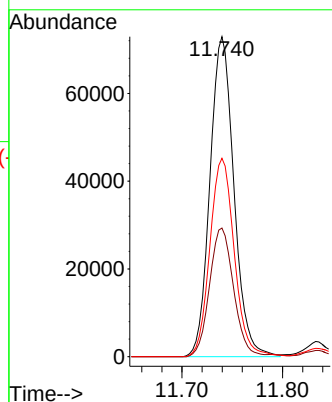
Tgt Ion:146 Resp: 120929

Ion Ratio Lower Upper

146 100

111 40.6 32.0 48.0

148 63.1 51.4 77.0



#83

1,4-Dichlorobenzene

Concen: 0.276 ug/l

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

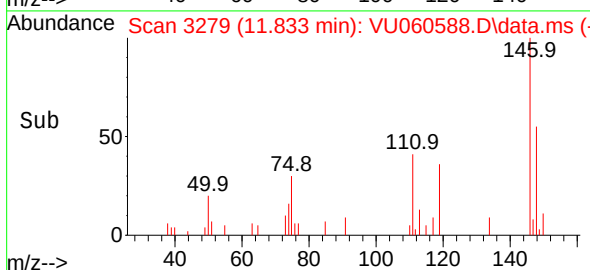
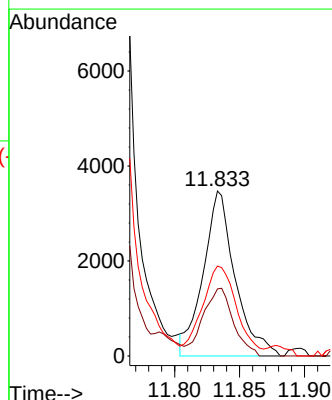
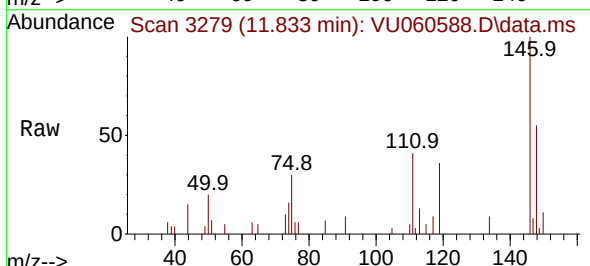
Tgt Ion:146 Resp: 5914

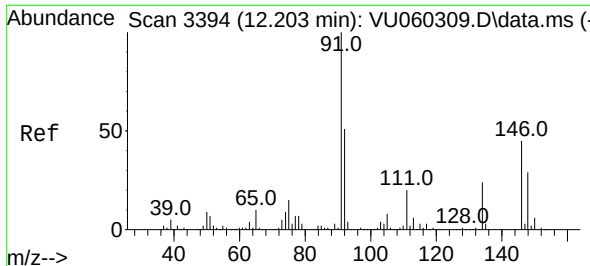
Ion Ratio Lower Upper

146 100

111 39.2 30.9 46.3

148 52.0 51.8 77.6

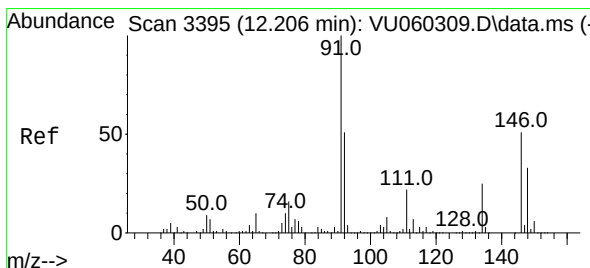
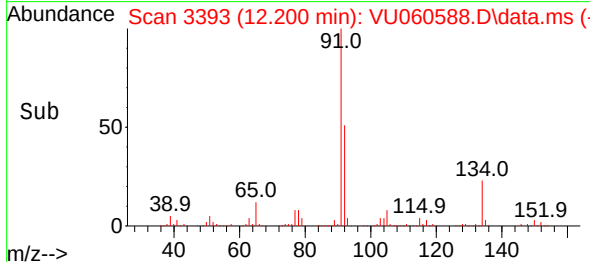
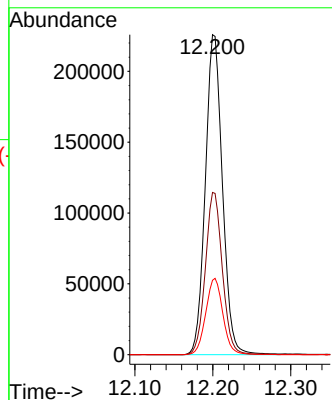
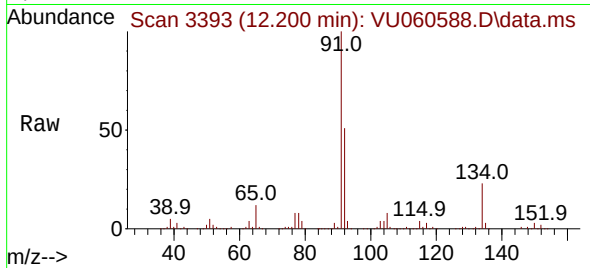




#84
n-Butylbenzene
Concen: 7.948 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.003 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

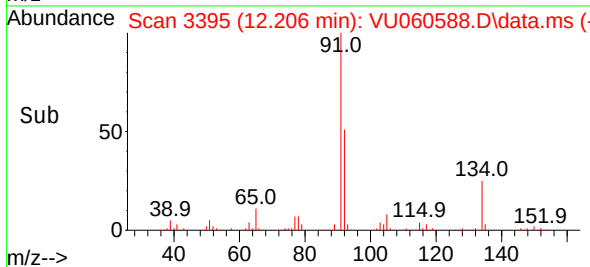
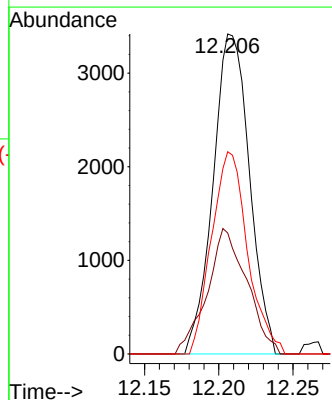
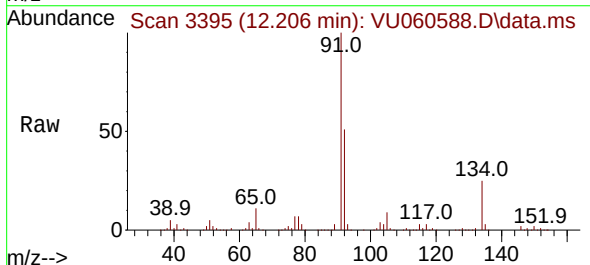
Instrument :
MSVOA_U
ClientSampleId :

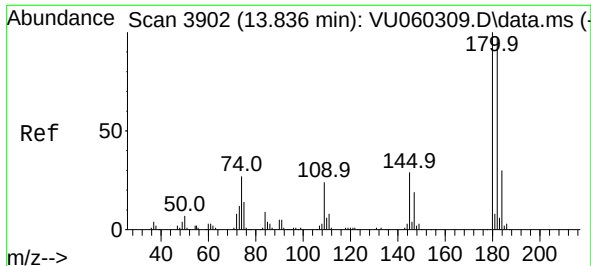
Tgt Ion: 91 Resp: 345600
Ion Ratio Lower Upper
91 100
92 50.3 41.0 61.6
134 24.0 19.4 29.2



#85
1,2-Dichlorobenzene
Concen: 0.279 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060588.D
Acq: 03 Sep 2024 16:29

Tgt Ion:146 Resp: 5825
Ion Ratio Lower Upper
146 100
111 42.7 21.3 63.7
148 62.6 32.0 96.0





#87

1,2,4-Trichlorobenzene

Concen: 0.506 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

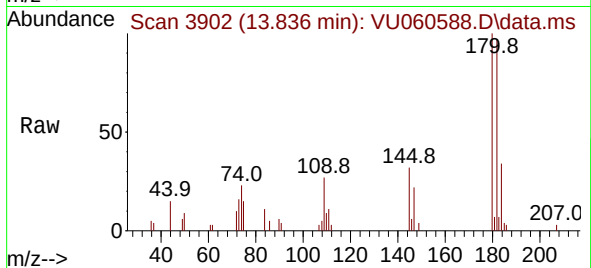
Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

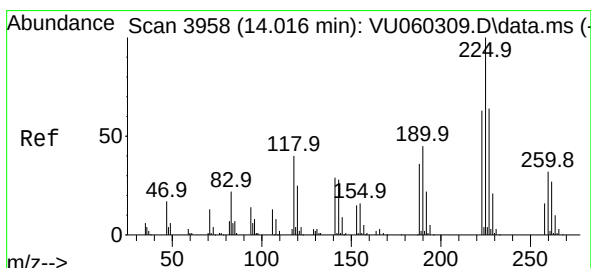
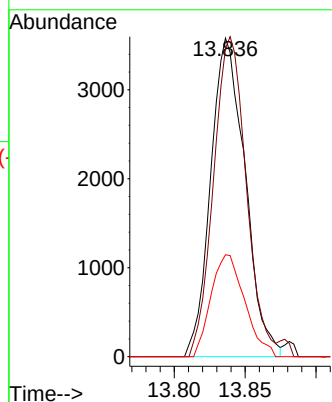
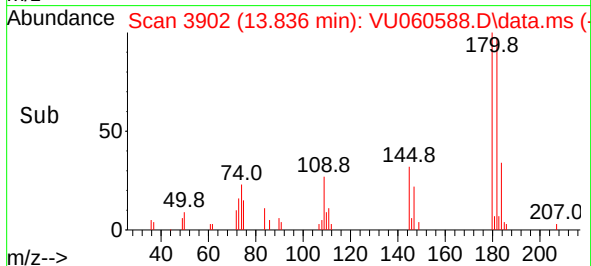
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	180	Resp:	6046
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.8	115.2
145	31.4	23.4	35.0



#88

Hexachlorobutadiene

Concen: 32.242 ug/l

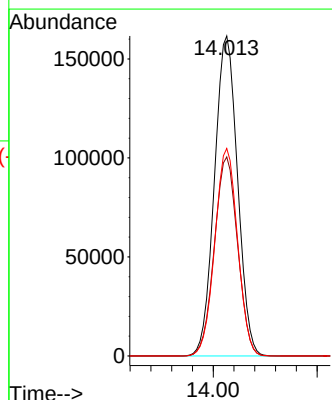
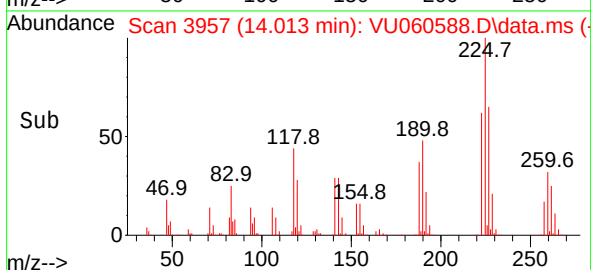
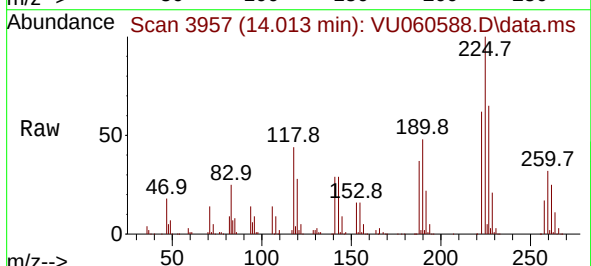
RT: 14.013 min Scan# 3957

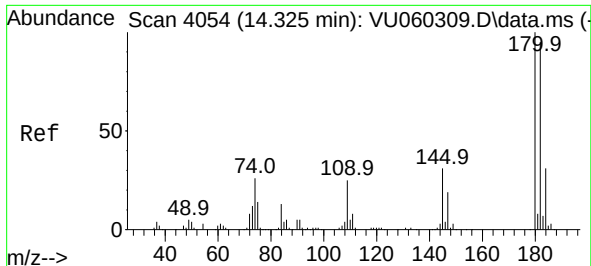
Delta R.T. -0.003 min

Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

Tgt Ion:	225	Resp:	249195
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.8	76.2
227	63.9	50.8	76.2





#90

1,2,3-Trichlorobenzene

Concen: 17.082 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

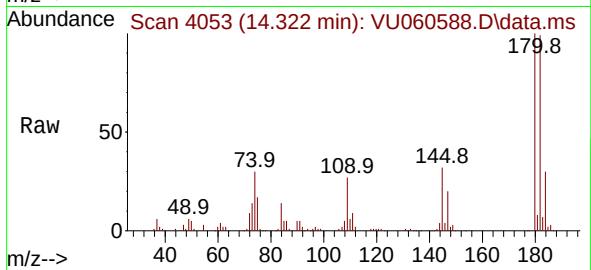
Lab File: VU060588.D

Acq: 03 Sep 2024 16:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 199334

Ion Ratio Lower Upper

180 100

182 97.5 76.1 114.1

145 31.9 25.0 37.6

