

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060322.D
 Acq On : 06 Aug 2024 14:55
 Operator : MD/SY
 Sample : P3204-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 07:01:59 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)

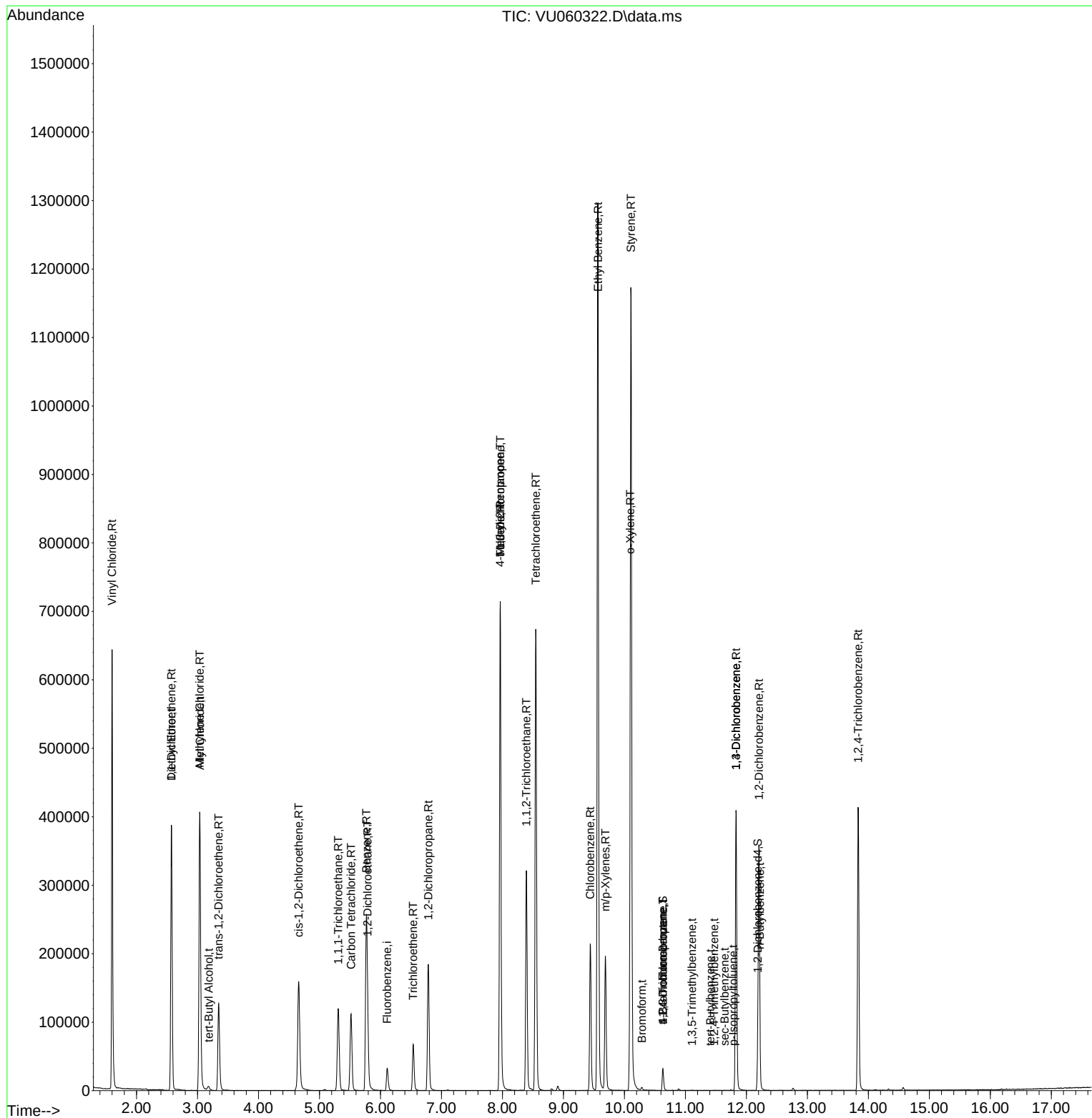
Internal Standards						
1) Fluorobenzene	6.110	96	32257	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	11934	1.086	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	12550	1.051	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.599	62	469644	33.117	ug/l	99
9) 1,1-Dichloroethene	2.573	96	142746	14.802	ug/l	92
11) Allyl Chloride	3.039	41	6798	0.514	ug/l #	19
15) Methylene Chloride	3.036	84	213539	17.688	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	58390	5.651	ug/l	95
22) cis-1,2-Dichloroethene	4.660	96	89154	8.054	ug/l	85
23) Diethyl Ether	2.573	59	6411	0.818	ug/l #	14
24) tert-Butyl Alcohol	3.184	59	3076	3.142	ug/l #	83
28) 1,1,1-Trichloroethane	5.309	97	88879	5.504	ug/l	98
30) Carbon Tetrachloride	5.518	117	79709	6.057	ug/l	97
35) Benzene	5.769	78	221797	5.563	ug/l	99
36) 1,2-Dichloroethane	5.788	62	79625	7.186	ug/l	99
37) Trichloroethene	6.537	130	24796	2.512	ug/l	97
38) 1,2-Dichloropropane	6.785	63	78735	7.300	ug/l	99
45) 4-Methyl-2-Pentanone	7.962	43	3302	0.645	ug/l #	7
46) t-1,4-Dichloro-2-butene	10.631	75	5539	1.929	ug/l #	26
49) Toluene	7.965	92	304643	13.780	ug/l	98
50) t-1,3-Dichloropropene	7.965	75	3233	0.299	ug/l #	1
52) 1,1,2-Trichloroethane	8.393	97	105153	13.129	ug/l	96
58) Tetrachloroethene	8.547	164	157729	17.881	ug/l	98
59) Chlorobenzene	9.441	112	125251	5.233	ug/l	99
63) Ethyl Benzene	9.566	91	912687	19.287	ug/l	99
64) m/p-Xylenes	9.688	106	58070	3.893	ug/l	99
65) o-Xylene	10.097	106	60230	3.736	ug/l	95
66) Styrene	10.110	104	552103	18.000	ug/l	92
67) Bromoform	10.287	173	1576	0.306	ug/l #	90
71) 1,2,3-Trichloropropane	10.631	75	5539	0.702	ug/l #	37
75) 1,3,5-Trimethylbenzene	11.110	105	41	0.458	ug/l #	29
77) tert-Butylbenzene	11.409	119	45	0.446	ug/l #	74
78) 1,2,4-Trimethylbenzene	11.473	105	348	0.504	ug/l #	31
79) sec-Butylbenzene	11.643	105	236	0.457	ug/l #	57
81) p-Isopropyltoluene	11.785	119	157	0.523	ug/l #	69
82) 1,3-Dichlorobenzene	11.833	146	177113	8.637	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	177113	8.701	ug/l	100
84) n-Butylbenzene	12.222	91	601	0.524	ug/l #	42
85) 1,2-Dichlorobenzene	12.206	146	155403	7.835	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	139532	12.300	ug/l	99

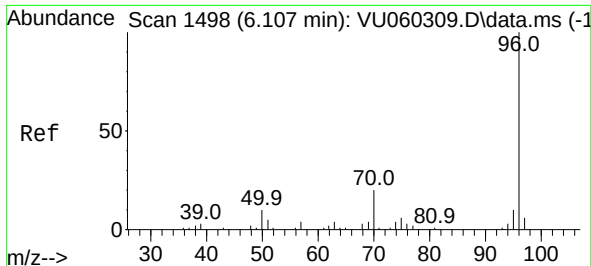
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
Data File : VU060322.D
Acq On : 06 Aug 2024 14:55
Operator : MD/SY
Sample : P3204-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

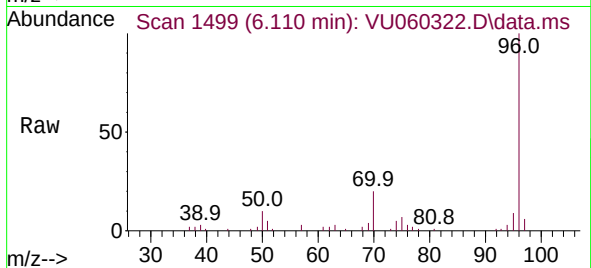
Quant Time: Aug 07 07:01:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration



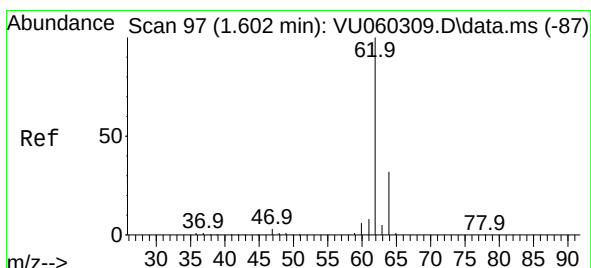
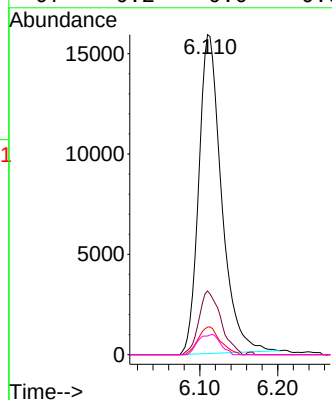
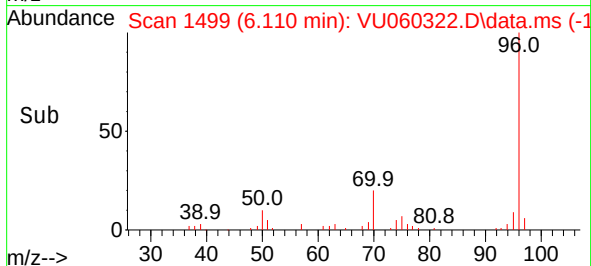


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Instrument :
MSVOA_U
ClientSampleId :

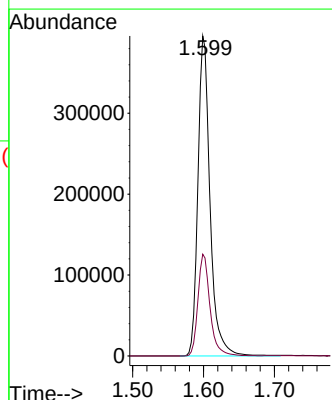
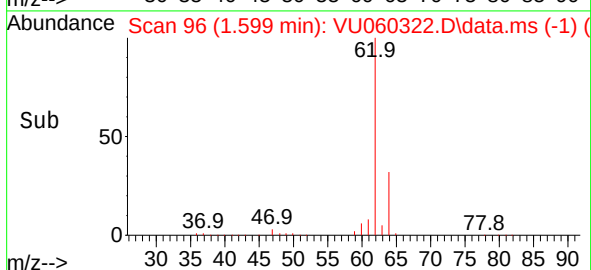
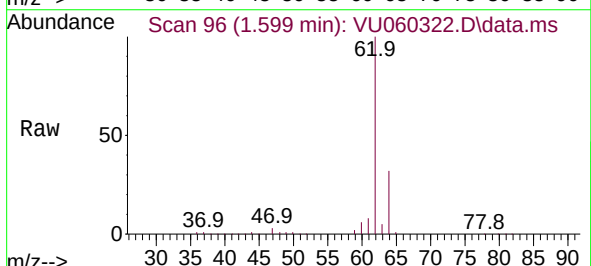


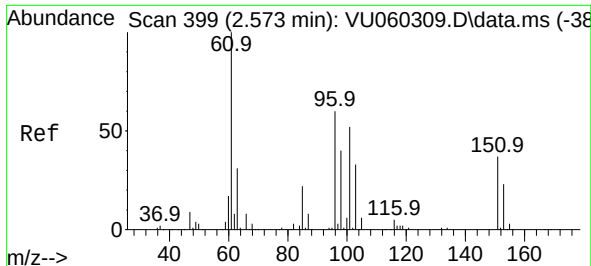
Tgt Ion: 96 Resp: 32257
Ion Ratio Lower Upper
96 100
70 19.2 17.2 25.8
95 8.4 7.9 11.9
97 6.2 0.0 0.0#



#4
Vinyl Chloride
Concen: 33.117 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 62 Resp: 469644
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

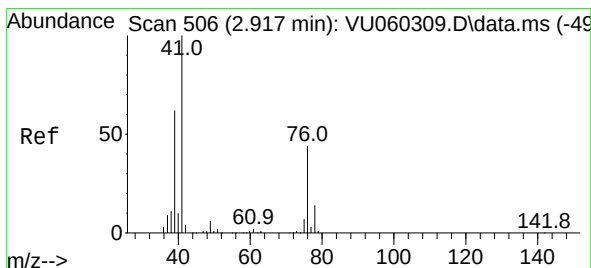
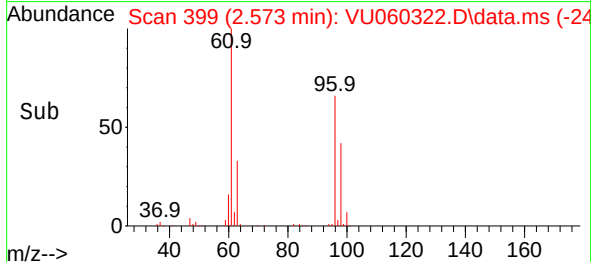
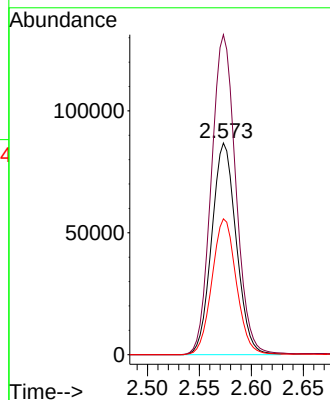
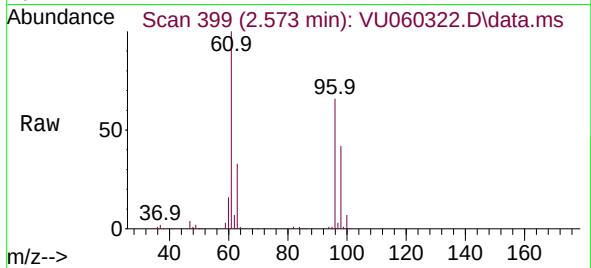




#9
1,1-Dichloroethene
Concen: 14.802 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

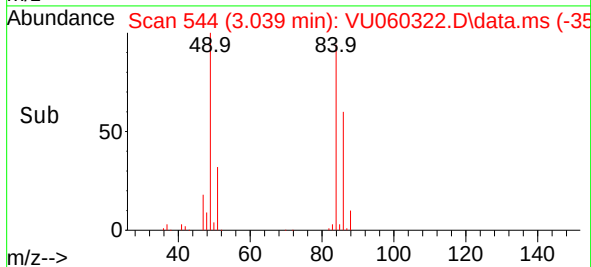
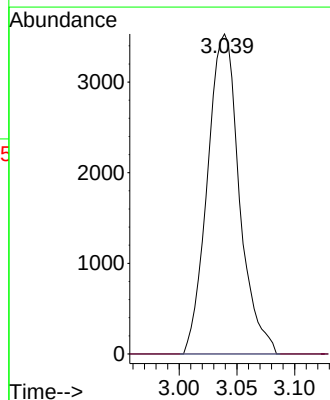
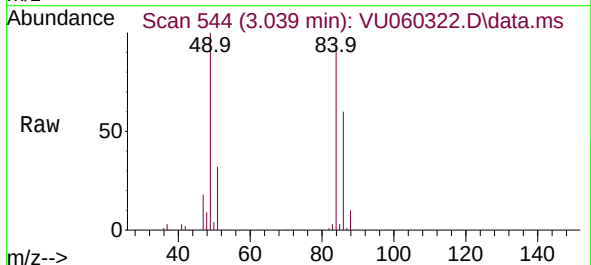
Instrument :
MSVOA_U
ClientSampleId :

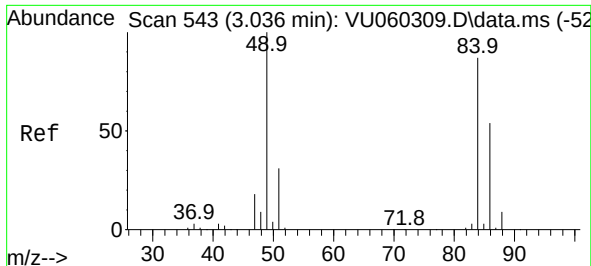
Tgt Ion: 96 Resp: 142746
Ion Ratio Lower Upper
96 100
61 151.2 0.0 495.9
98 64.2 0.0 131.6



#11
Allyl Chloride
Concen: 0.514 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.122 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

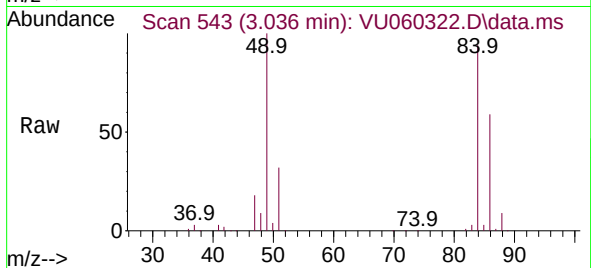
Tgt Ion: 41 Resp: 6798
Ion Ratio Lower Upper
41 100
39 0.0 50.0 75.0#





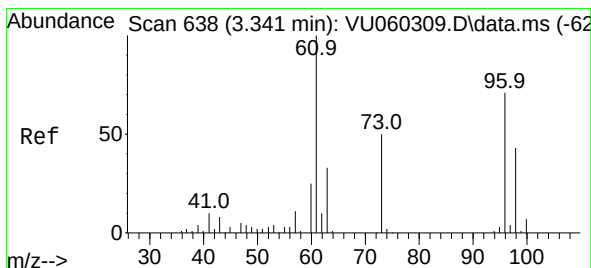
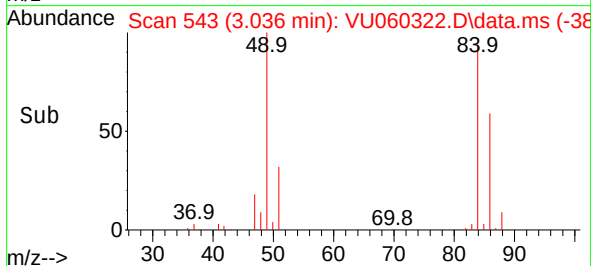
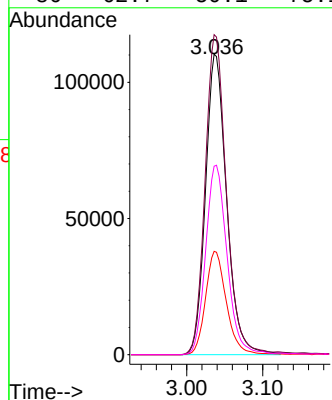
#15
Methylene Chloride
Concen: 17.688 ug/l
RT: 3.036 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 213539

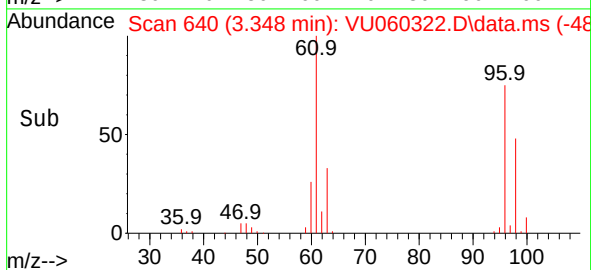
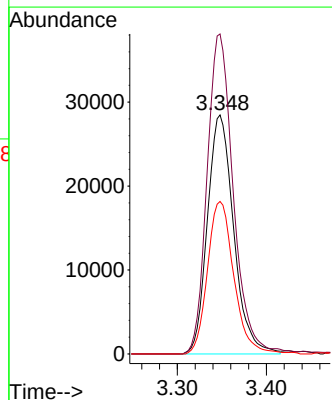
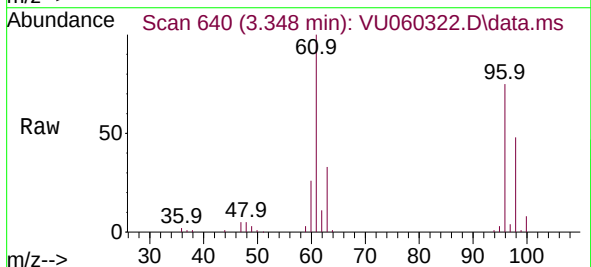
Ion	Ratio	Lower	Upper
84	100		
49	106.5	92.1	138.1
51	34.4	0.0	72.4
86	62.7	50.1	75.1

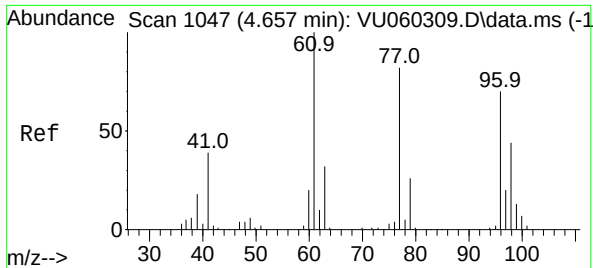


#16
trans-1,2-Dichloroethene
Concen: 5.651 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 96 Resp: 58390

Ion	Ratio	Lower	Upper
96	100		
61	133.8	112.8	169.2
98	63.7	48.7	73.1

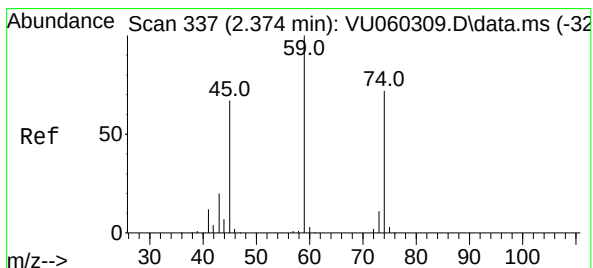
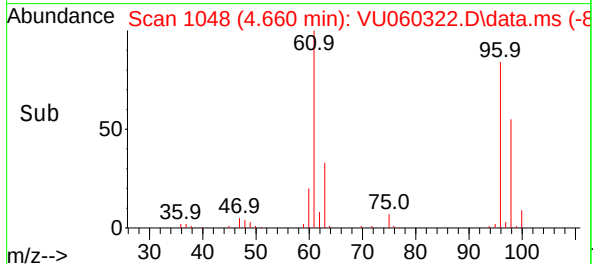
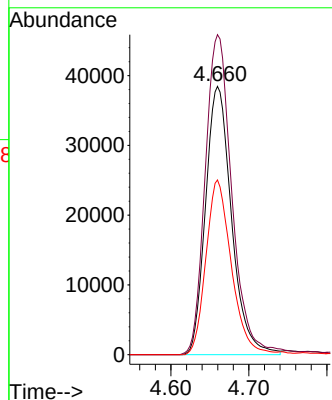
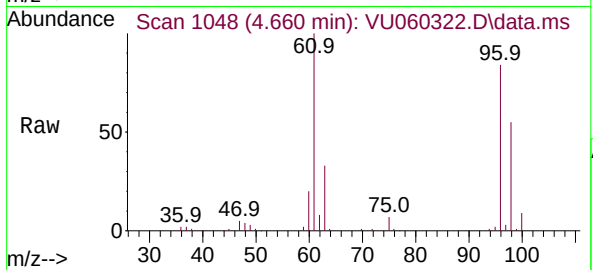




#22
 cis-1,2-Dichloroethene
 Concen: 8.054 ug/l
 RT: 4.660 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU060322.D
 Acq: 06 Aug 2024 14:55

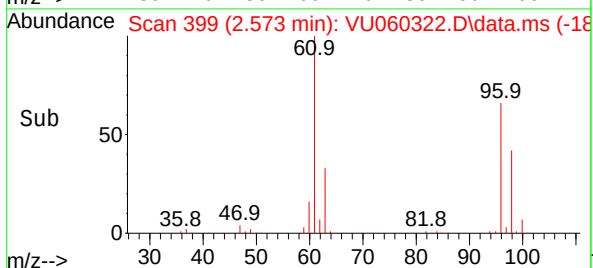
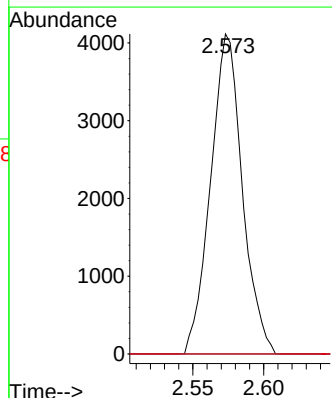
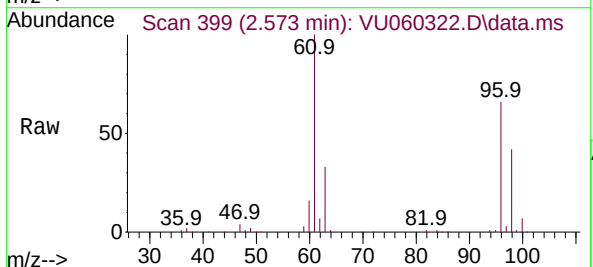
Instrument :
 MSVOA_U
 ClientSampleId :

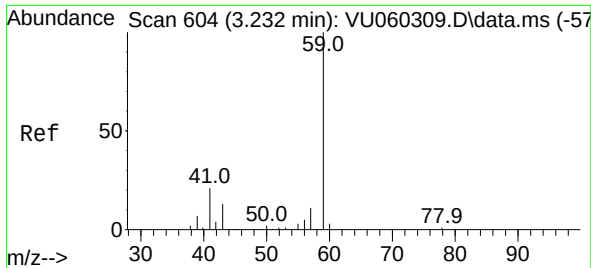
Tgt Ion: 96 Resp: 89154
 Ion Ratio Lower Upper
 96 100
 61 122.8 0.0 372.8
 98 63.6 31.8 95.4



#23
 Diethyl Ether
 Concen: 0.818 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. 0.199 min
 Lab File: VU060322.D
 Acq: 06 Aug 2024 14:55

Tgt Ion: 59 Resp: 6411
 Ion Ratio Lower Upper
 59 100
 45 0.8 55.8 83.6#
 74 0.0 59.2 88.8#

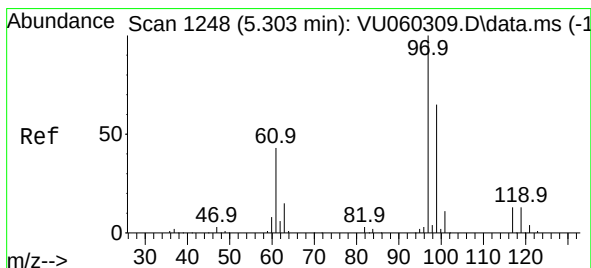
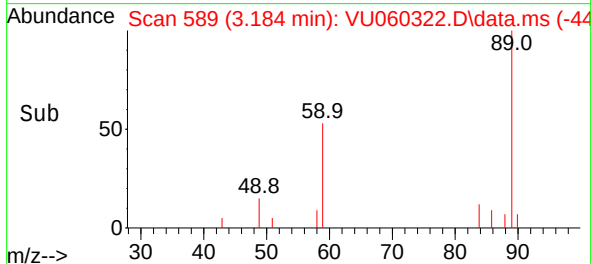
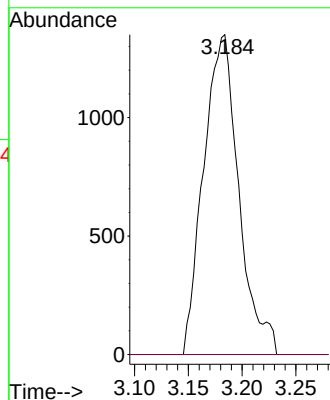
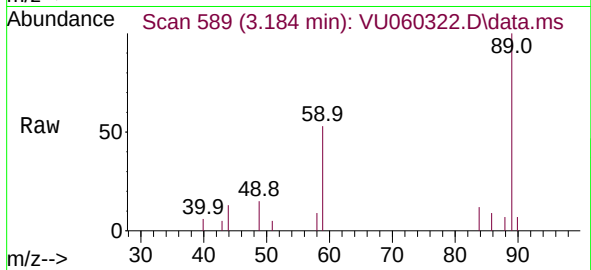




#24
tert-Butyl Alcohol
Concen: 3.142 ug/l
RT: 3.184 min Scan# 51
Delta R.T. -0.048 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

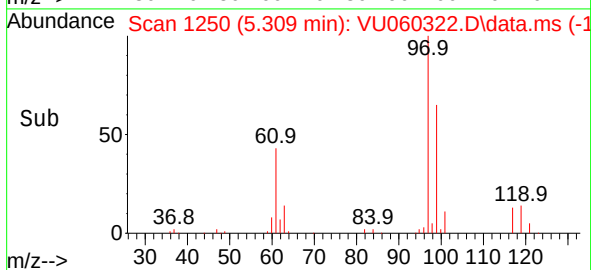
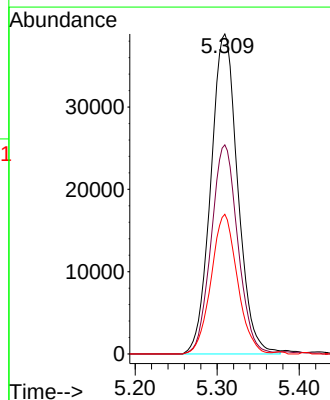
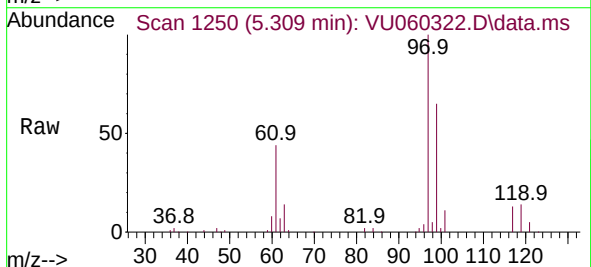
Instrument :
MSVOA_U
ClientSampleId :

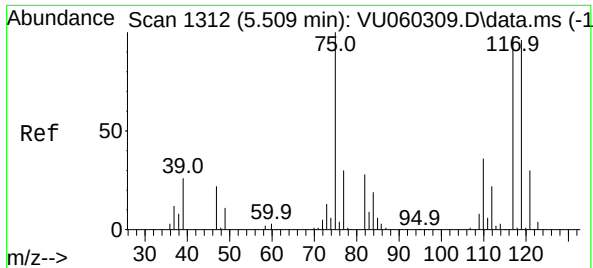
Tgt Ion: 59 Resp: 3076
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#28
1,1,1-Trichloroethane
Concen: 5.504 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 97 Resp: 88879
Ion Ratio Lower Upper
97 100
99 64.7 32.8 98.4
61 42.7 22.3 66.9





#30

Carbon Tetrachloride

Concen: 6.057 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.010 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

Instrument :

MSVOA_U

ClientSampleId :

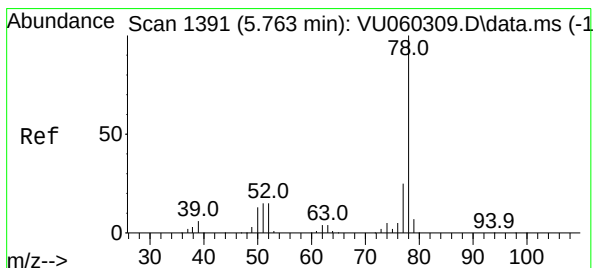
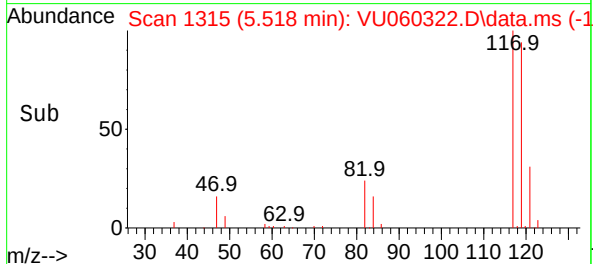
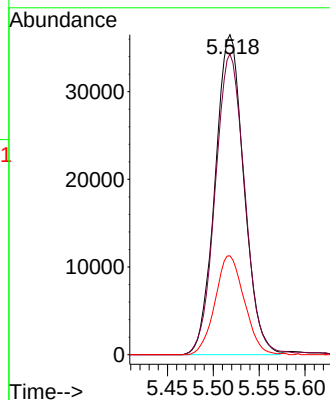
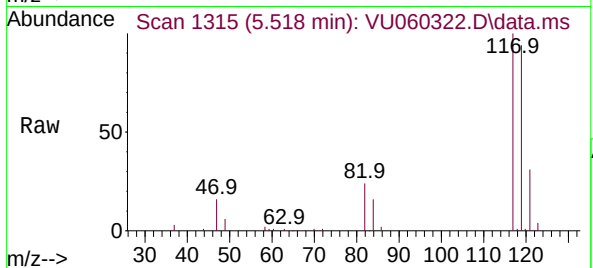
Tgt Ion:117 Resp: 79709

Ion Ratio Lower Upper

117 100

119 93.9 77.8 116.6

121 30.9 24.2 36.2



#35

Benzene

Concen: 5.563 ug/l

RT: 5.769 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VU060322.D

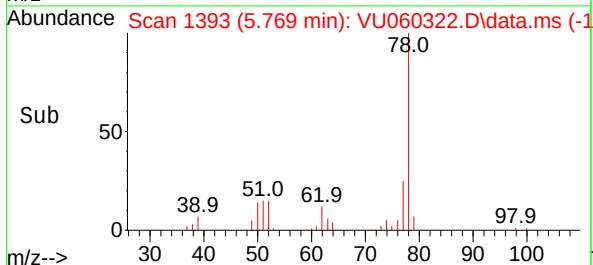
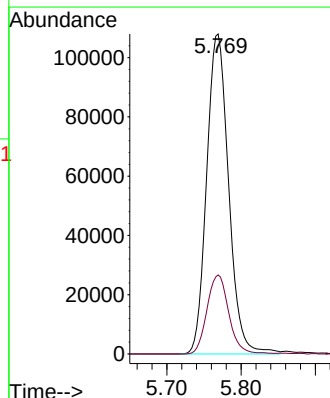
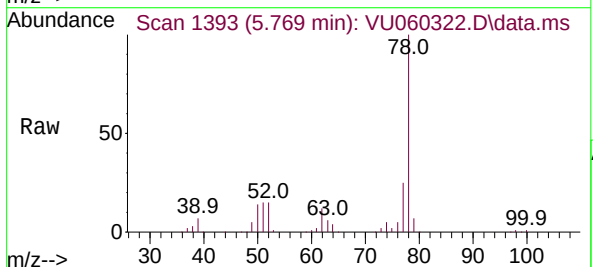
Acq: 06 Aug 2024 14:55

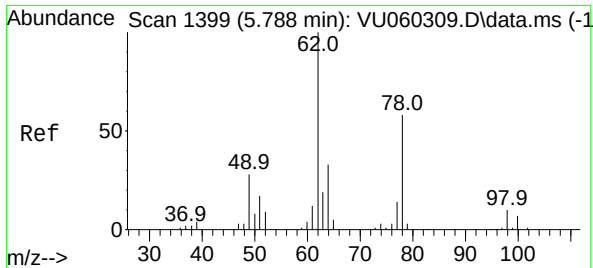
Tgt Ion: 78 Resp: 221797

Ion Ratio Lower Upper

78 100

77 24.7 20.2 30.2





#36

1,2-Dichloroethane

Concen: 7.186 ug/l

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

Instrument :

MSVOA_U

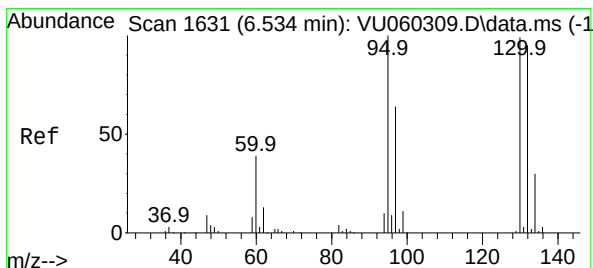
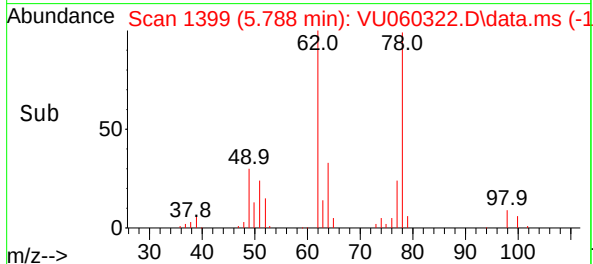
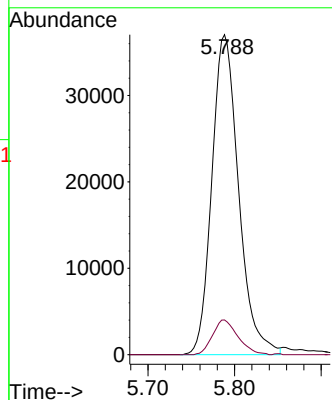
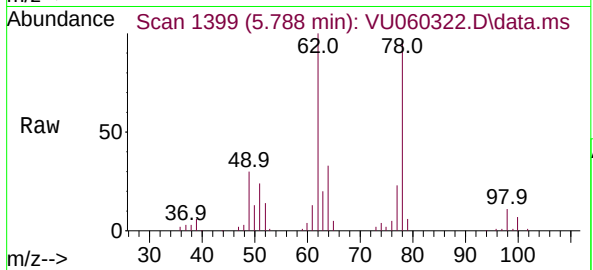
ClientSampleId :

Tgt Ion: 62 Resp: 79625

Ion Ratio Lower Upper

62 100

98 10.3 8.1 12.1



#37

Trichloroethene

Concen: 2.512 ug/l

RT: 6.537 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU060322.D

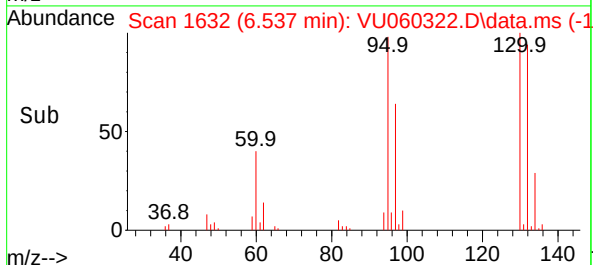
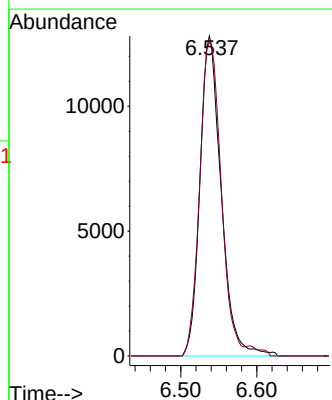
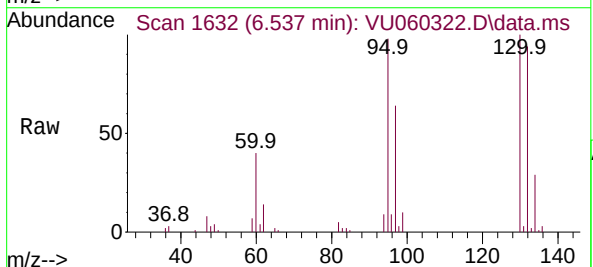
Acq: 06 Aug 2024 14:55

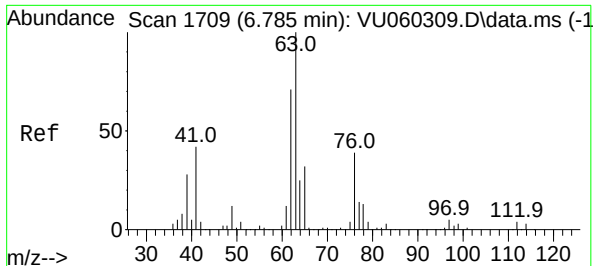
Tgt Ion:130 Resp: 24796

Ion Ratio Lower Upper

130 100

95 98.1 80.6 121.0

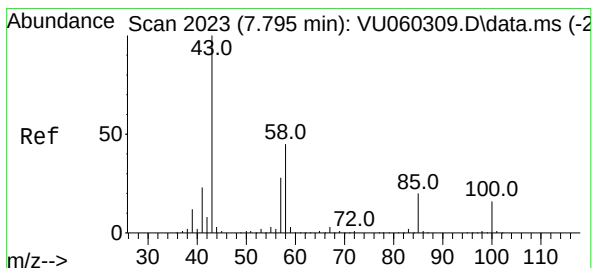
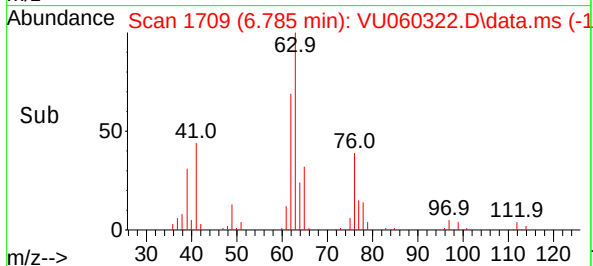
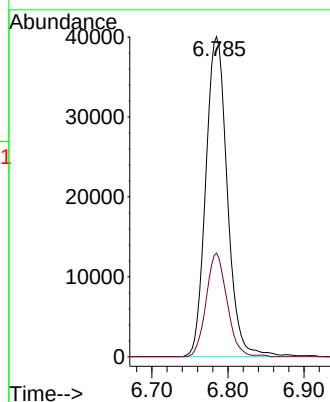
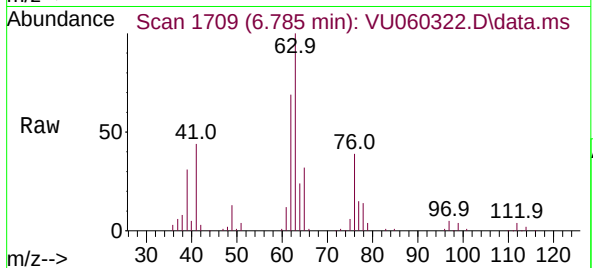




#38
1,2-Dichloropropane
Concen: 7.300 ug/l
RT: 6.785 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

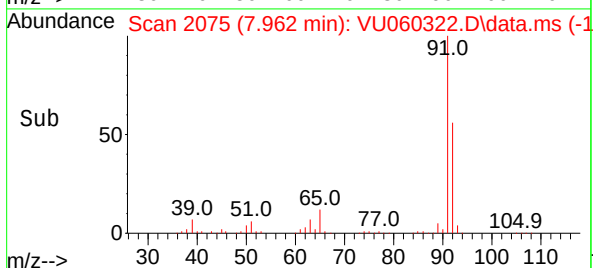
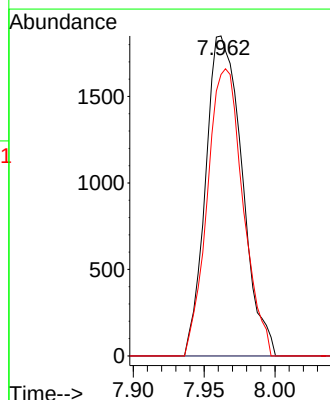
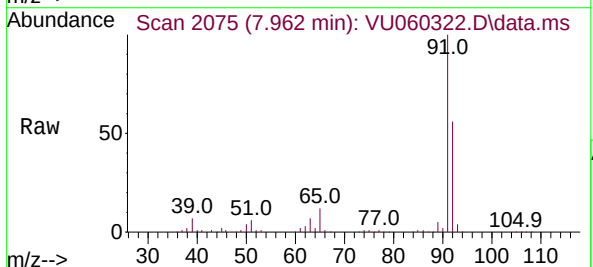
Instrument :
MSVOA_U
ClientSampleId :

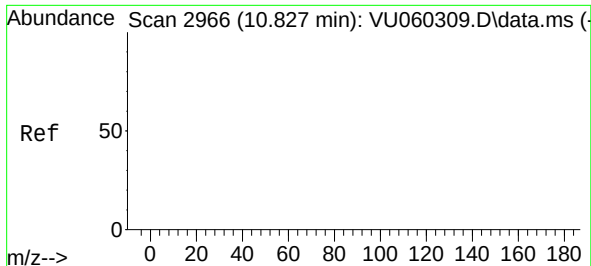
Tgt Ion: 63 Resp: 78735
Ion Ratio Lower Upper
63 100
65 32.4 25.6 38.4



#45
4-Methyl-2-Pentanone
Concen: 0.645 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.167 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

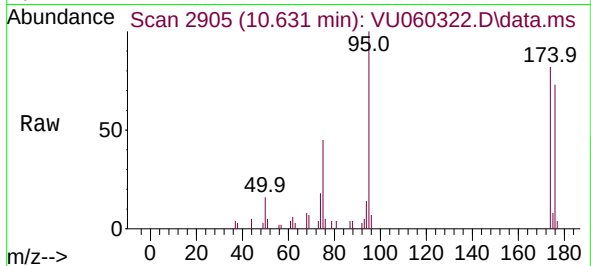
Tgt Ion: 43 Resp: 3302
Ion Ratio Lower Upper
43 100
58 0.0 22.3 66.9#
85 88.0 16.0 24.0#



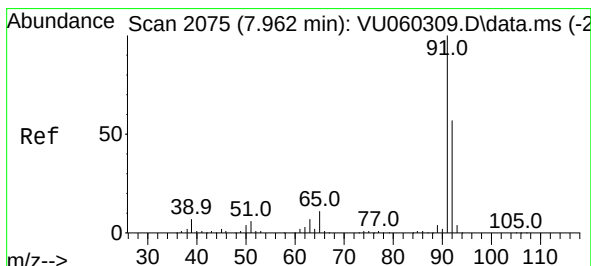
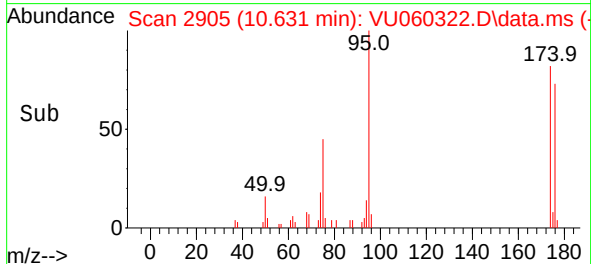
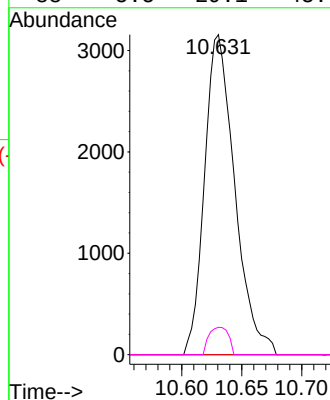


#46
t-1,4-Dichloro-2-butene
Concen: 1.929 ug/l
RT: 10.631 min Scan# 2966
Delta R.T. -0.196 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Instrument : MSVOA_U
ClientSampleId :

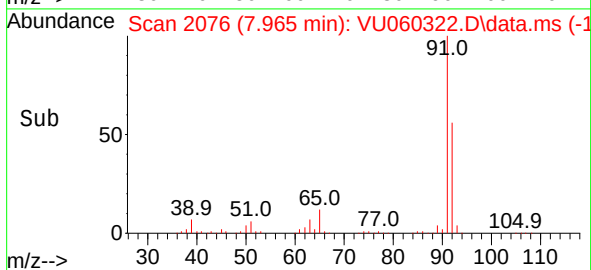
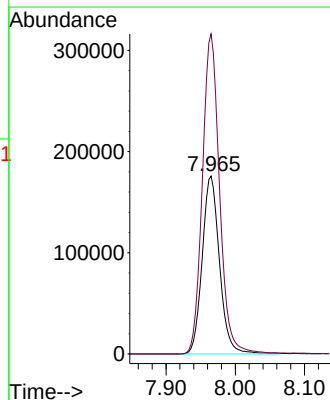
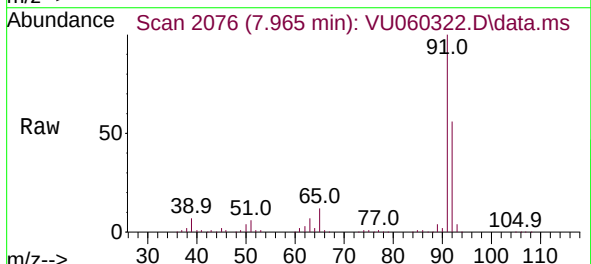


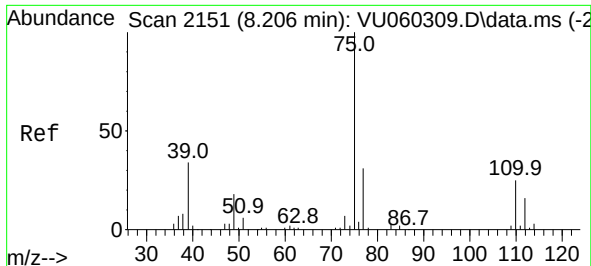
Tgt Ion:	75	Resp:	5539
Ion	Ratio	Lower	Upper
75	100		
53	0.0	57.2	85.8#
89	0.0	40.4	60.6#
88	5.5	29.1	43.7#



#49
Toluene
Concen: 13.780 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Tgt Ion:	92	Resp:	304643
Ion	Ratio	Lower	Upper
92	100		
91	179.6	141.0	211.4

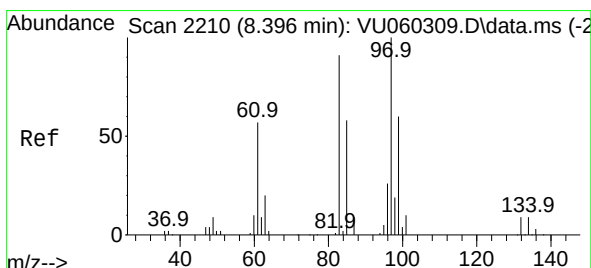
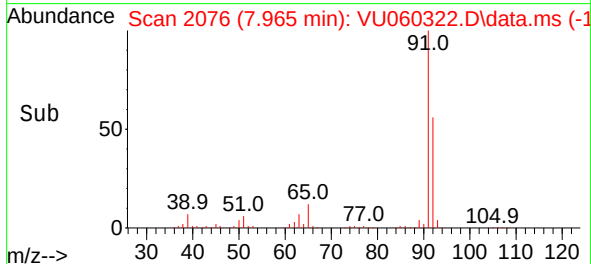
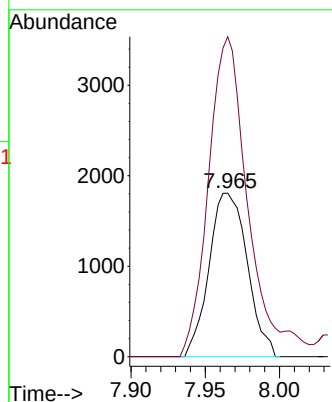
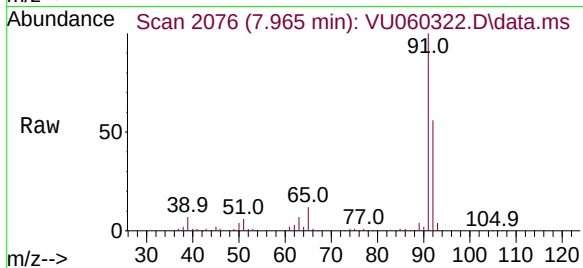




#50
t-1,3-Dichloropropene
Concen: 0.299 ug/l
RT: 7.965 min Scan# 2151
Delta R.T. -0.241 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

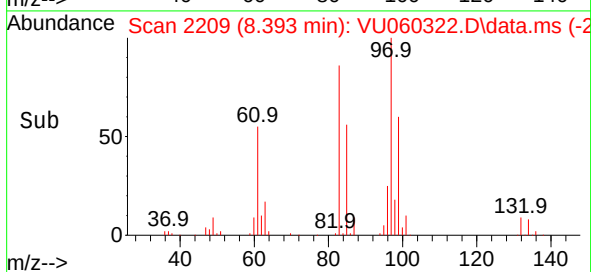
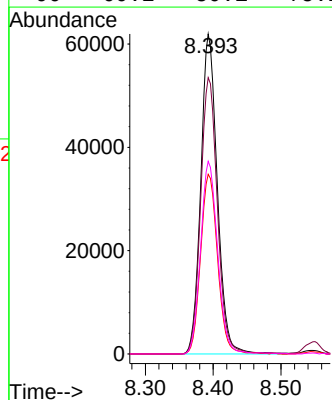
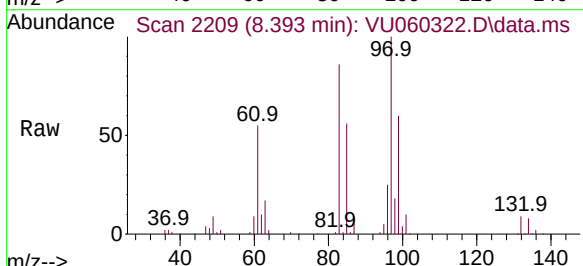
Instrument :
MSVOA_U
ClientSampleId :

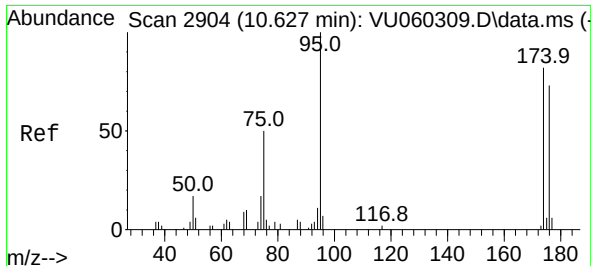
Tgt Ion: 75 Resp: 3233
Ion Ratio Lower Upper
75 100
77 195.6 24.6 37.0#



#52
1,1,2-Trichloroethane
Concen: 13.129 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 97 Resp: 105153
Ion Ratio Lower Upper
97 100
83 86.3 73.0 109.4
85 56.1 46.2 69.4
99 60.2 50.1 75.1

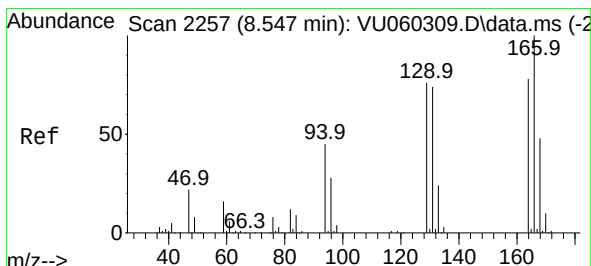
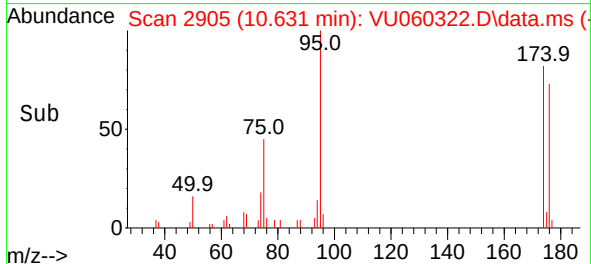
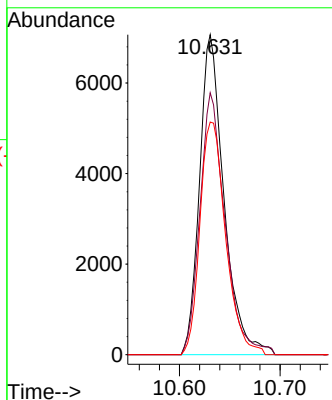
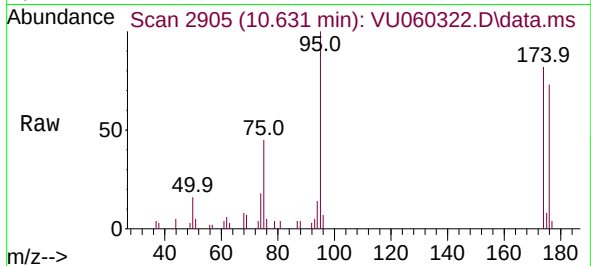




#57
4-Bromofluorobenzene
Concen: 1.086 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

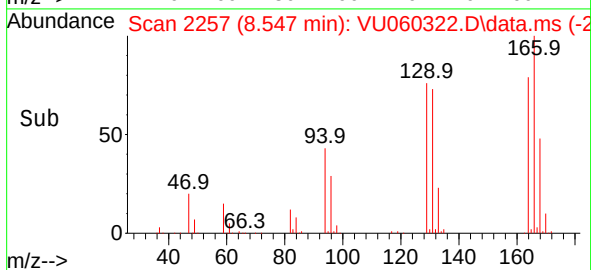
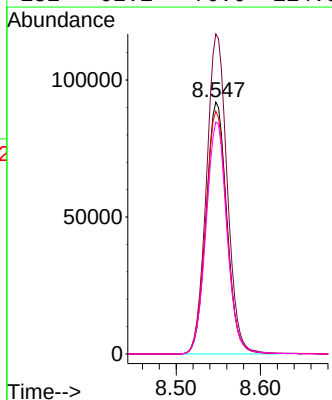
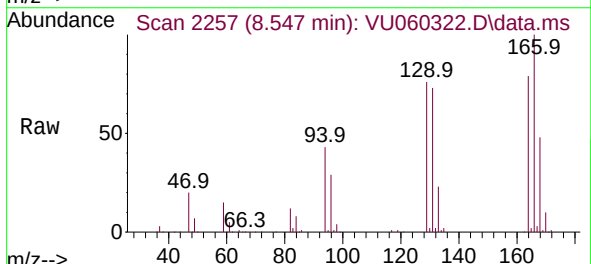
Instrument :
MSVOA_U
ClientSampleId :

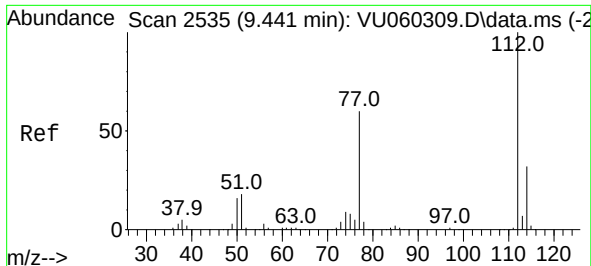
Tgt Ion: 95 Resp: 11934
Ion Ratio Lower Upper
95 100
174 84.6 65.6 98.4
176 76.6 60.4 90.6



#58
Tetrachloroethene
Concen: 17.881 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 164 Resp: 157729
Ion Ratio Lower Upper
164 100
166 127.0 102.9 154.3
129 96.3 78.0 117.0
131 92.1 76.6 114.8





#59

Chlorobenzene

Concen: 5.233 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

Instrument :

MSVOA_U

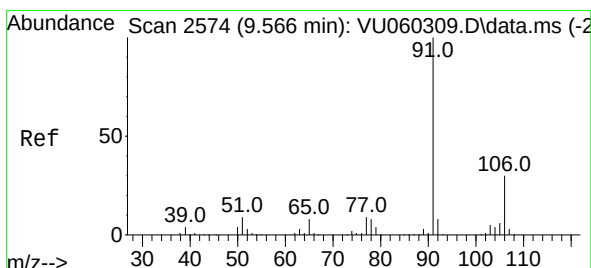
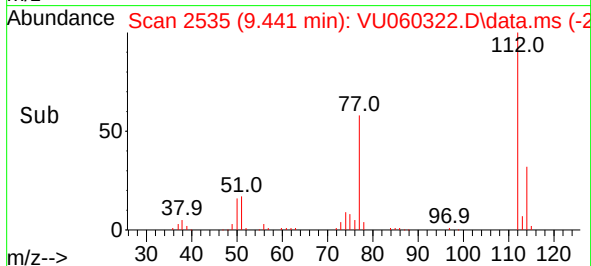
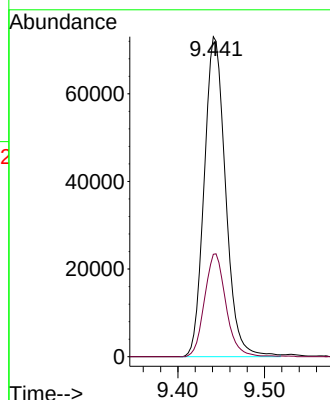
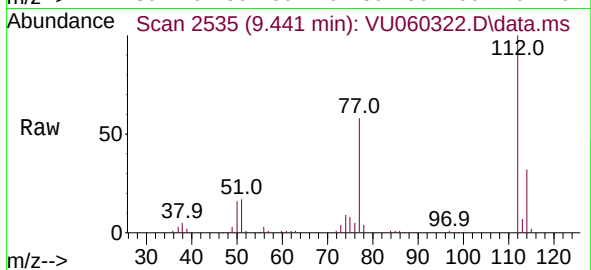
ClientSampleId :

Tgt Ion:112 Resp: 125251

Ion Ratio Lower Upper

112 100

114 32.0 25.3 37.9



#63

Ethyl Benzene

Concen: 19.287 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU060322.D

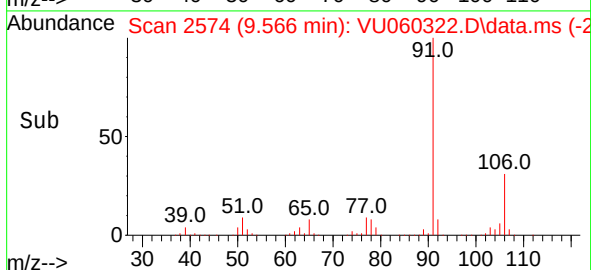
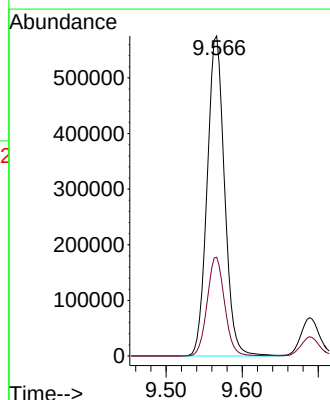
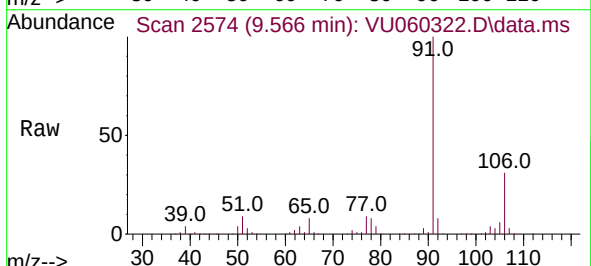
Acq: 06 Aug 2024 14:55

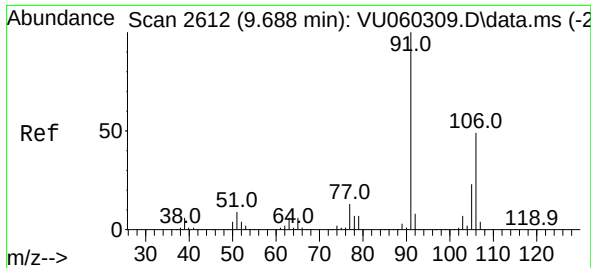
Tgt Ion: 91 Resp: 912687

Ion Ratio Lower Upper

91 100

106 30.8 24.4 36.6

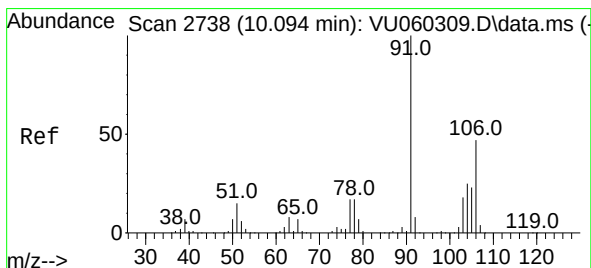
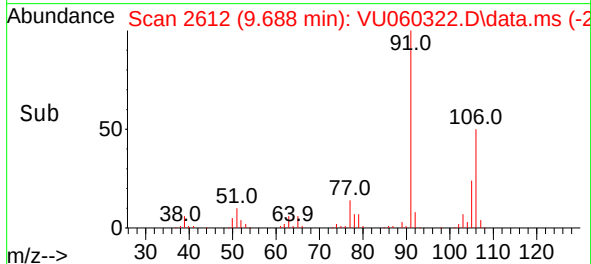
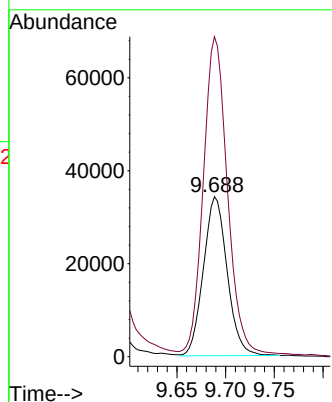
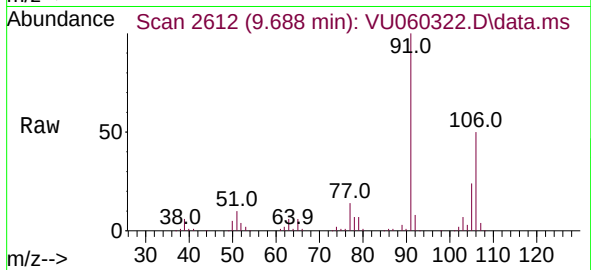




#64
m/p-Xylenes
Concen: 3.893 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

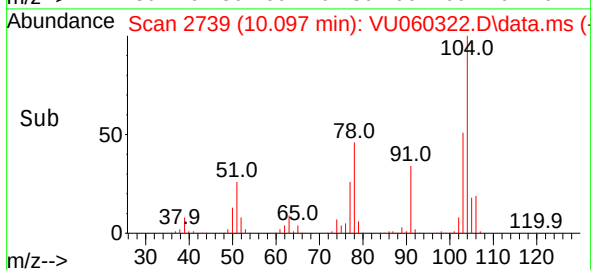
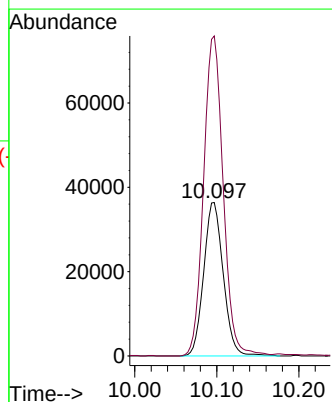
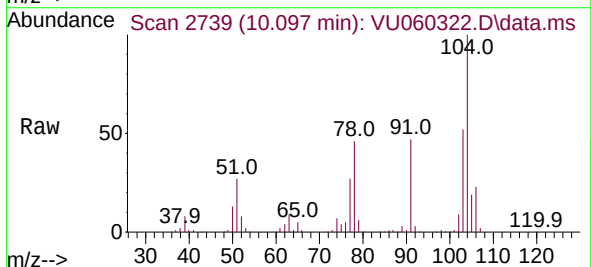
Instrument :
MSVOA_U
ClientSampleId :

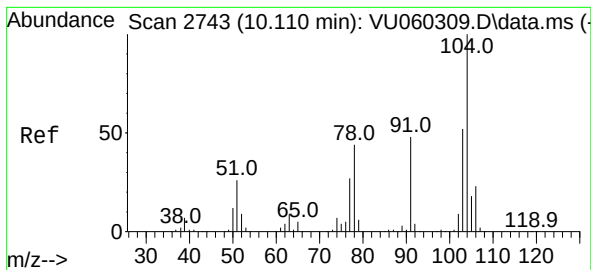
Tgt Ion:106 Resp: 58070
Ion Ratio Lower Upper
106 100
91 204.7 165.0 247.4



#65
o-Xylene
Concen: 3.736 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060322.D
Acq: 06 Aug 2024 14:55

Tgt Ion:106 Resp: 60230
Ion Ratio Lower Upper
106 100
91 208.9 108.8 326.4





#66

Styrene

Concen: 18.000 ug/l

RT: 10.110 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

Instrument :

MSVOA_U

ClientSampleId :

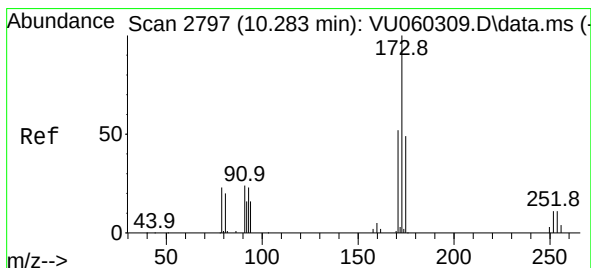
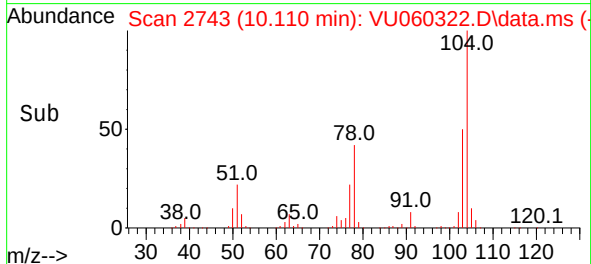
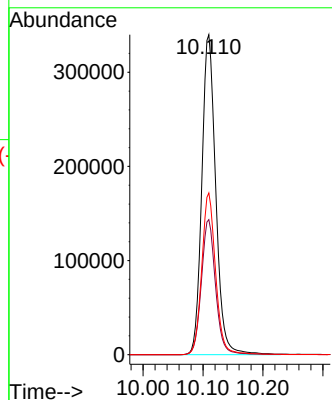
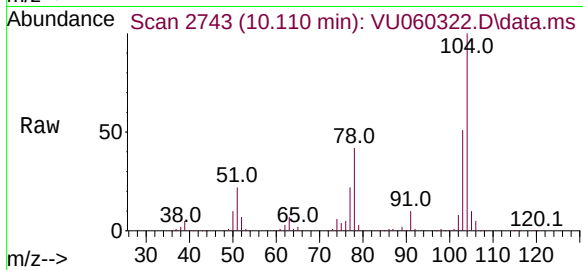
Tgt Ion:104 Resp: 552103

Ion Ratio Lower Upper

104 100

78 42.9 39.0 58.6

103 50.3 45.0 67.6



#67

Bromoform

Concen: 0.306 ug/l

RT: 10.287 min Scan# 2798

Delta R.T. 0.004 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

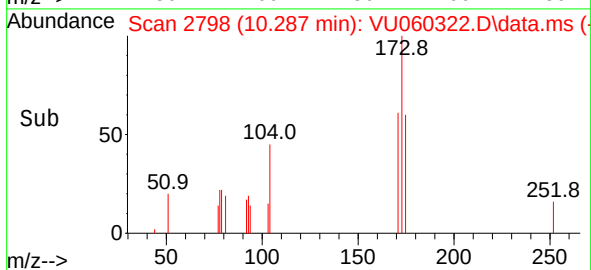
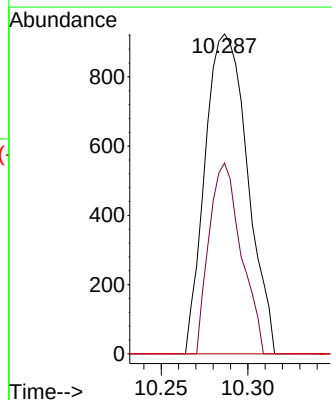
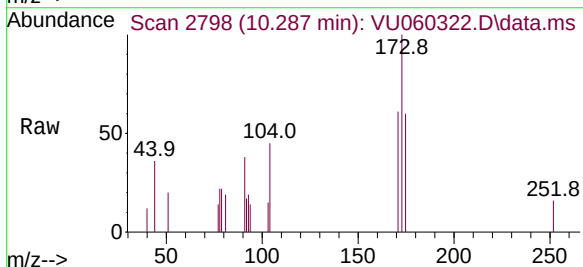
Tgt Ion:173 Resp: 1576

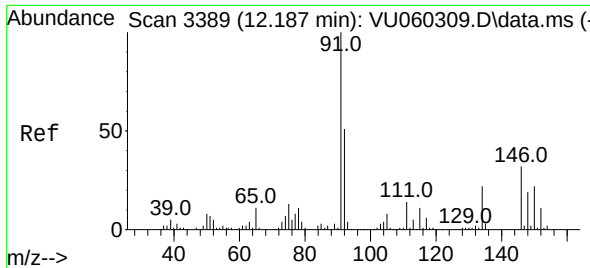
Ion Ratio Lower Upper

173 100

175 45.1 39.7 59.5

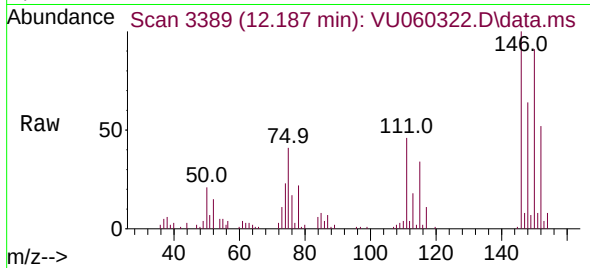
254 0.0 8.2 12.4#



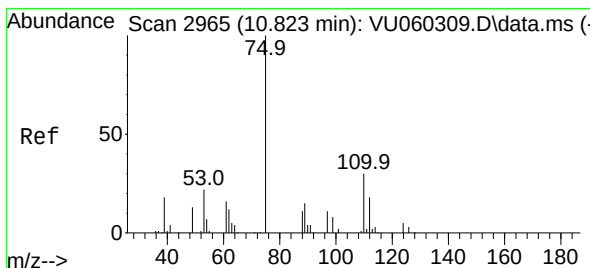
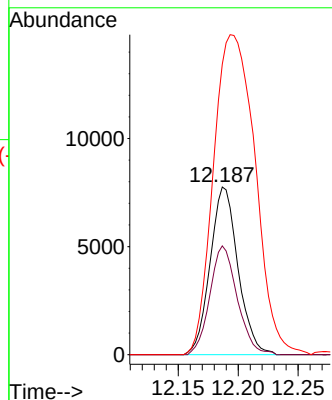
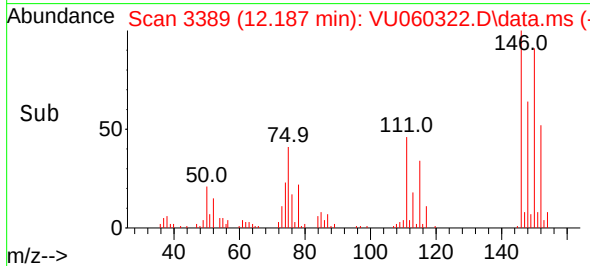


#68
 1,2-Dichlorobenzene-d4
 Concen: 1.051 ug/l
 RT: 12.187 min Scan# 3389
 Delta R.T. -0.000 min
 Lab File: VU060322.D
 Acq: 06 Aug 2024 14:55

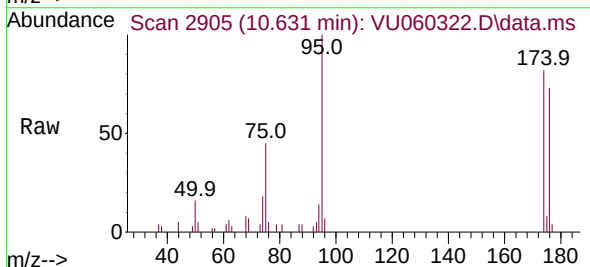
Instrument :
 MSVOA_U
 ClientSampleId :



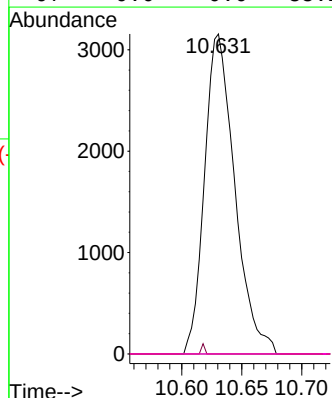
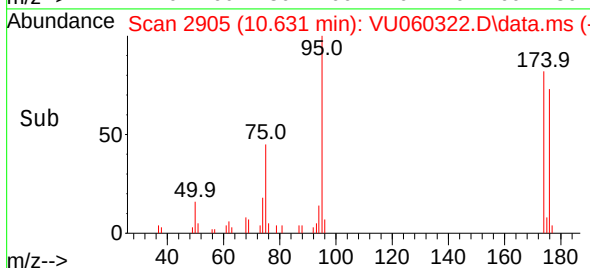
Tgt Ion:152 Resp: 12550
 Ion Ratio Lower Upper
 152 100
 115 63.6 0.0 325.2
 150 285.4 0.0 684.2

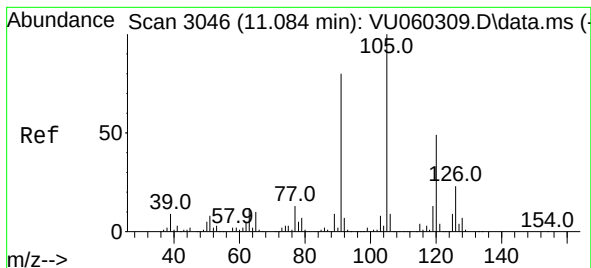


#71
 1,2,3-Trichloropropane
 Concen: 0.702 ug/l
 RT: 10.631 min Scan# 2905
 Delta R.T. -0.193 min
 Lab File: VU060322.D
 Acq: 06 Aug 2024 14:55



Tgt Ion: 75 Resp: 5539
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 102.2
 110 0.0 0.0 67.4
 97 0.0 0.0 38.2





#75

1,3,5-Trimethylbenzene

Concen: 0.458 ug/l

RT: 11.110 min Scan# 3046

Delta R.T. 0.026 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

Instrument :

MSVOA_U

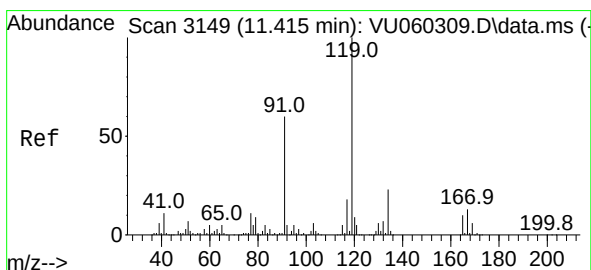
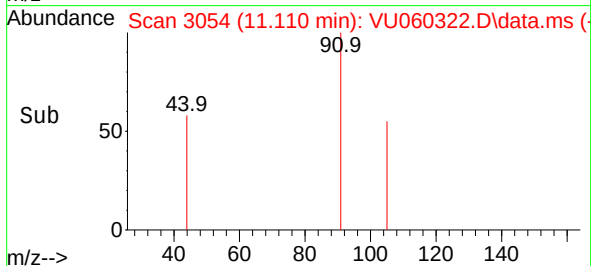
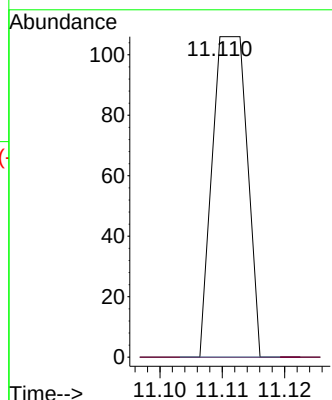
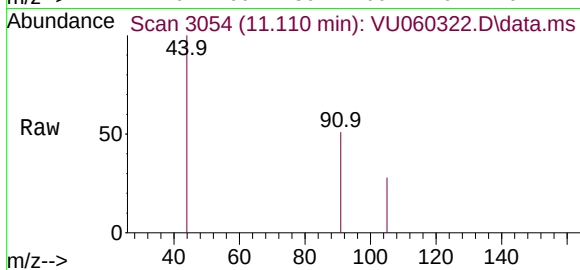
ClientSampleId :

Tgt Ion:105 Resp: 41

Ion Ratio Lower Upper

105 100

120 0.0 38.6 57.8#



#77

tert-Butylbenzene

Concen: 0.446 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. -0.006 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

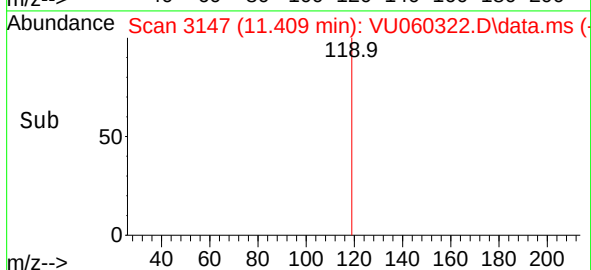
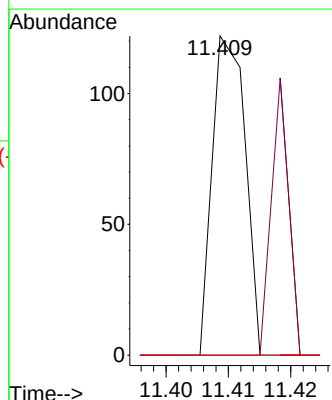
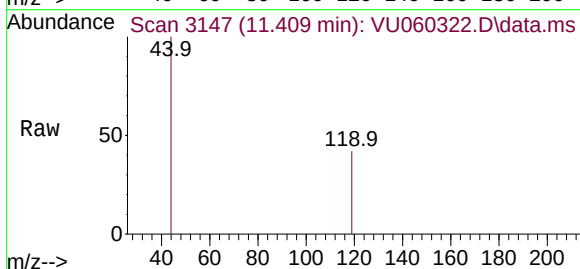
Tgt Ion:119 Resp: 45

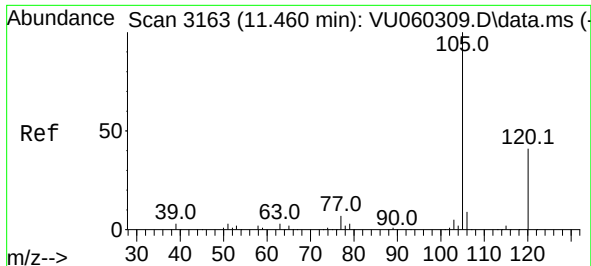
Ion Ratio Lower Upper

119 100

91 44.4 29.0 87.1

134 0.0 17.8 26.8#





#78

1,2,4-Trimethylbenzene

Concen: 0.504 ug/l

RT: 11.473 min Scan# 3167

Delta R.T. 0.013 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

Instrument :

MSVOA_U

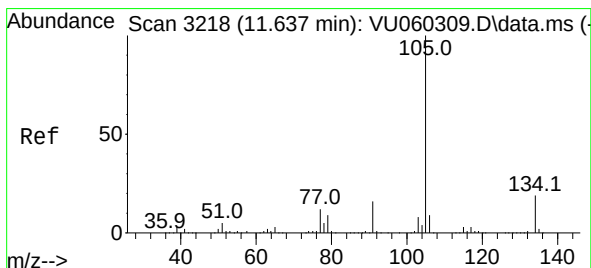
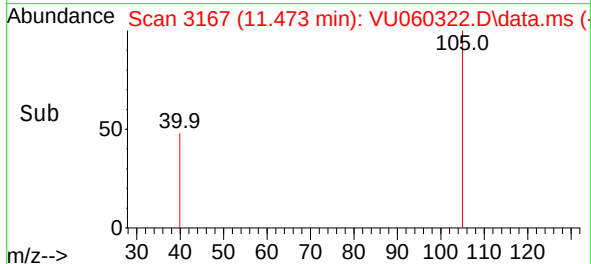
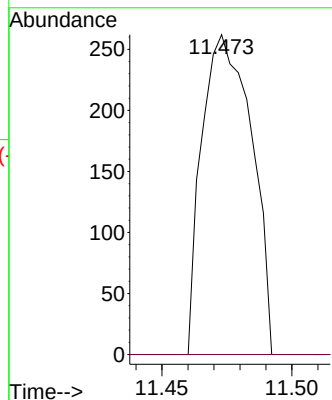
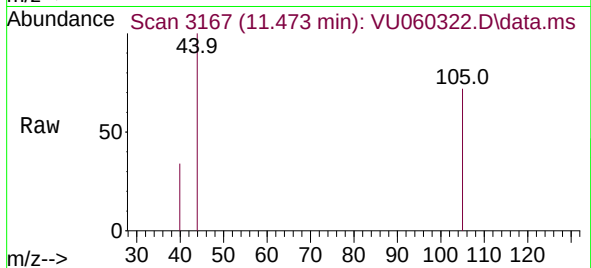
ClientSampleId :

Tgt Ion:105 Resp: 348

Ion Ratio Lower Upper

105 100

120 0.0 22.6 67.7#



#79

sec-Butylbenzene

Concen: 0.457 ug/l

RT: 11.643 min Scan# 3220

Delta R.T. 0.006 min

Lab File: VU060322.D

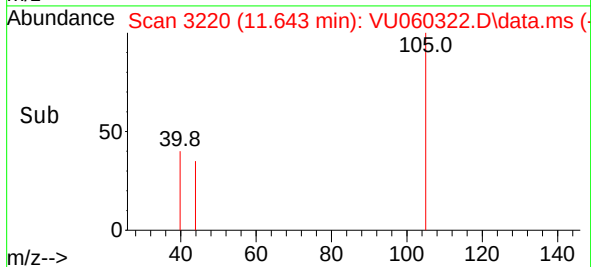
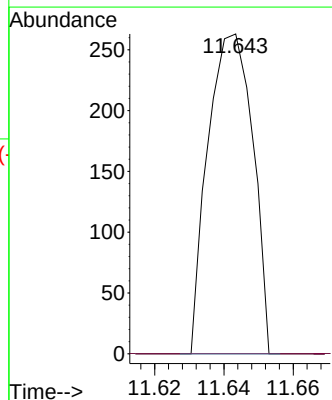
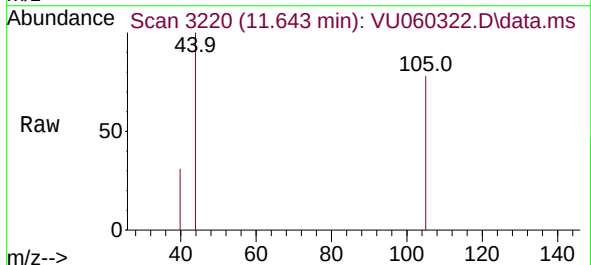
Acq: 06 Aug 2024 14:55

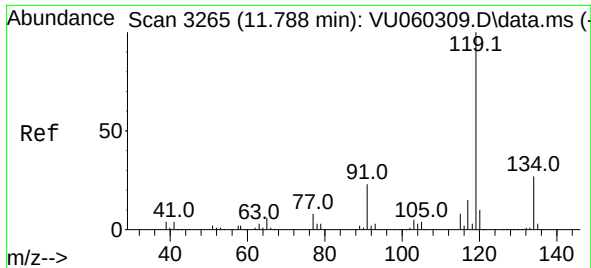
Tgt Ion:105 Resp: 236

Ion Ratio Lower Upper

105 100

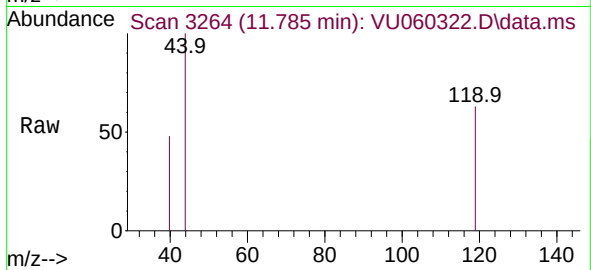
134 0.0 15.5 23.3#



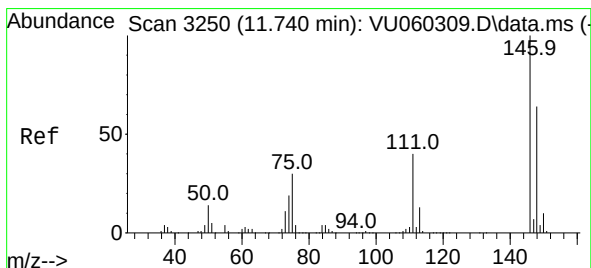
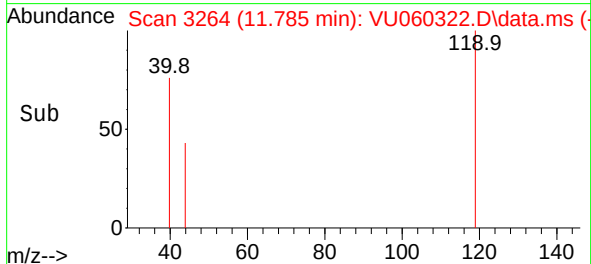
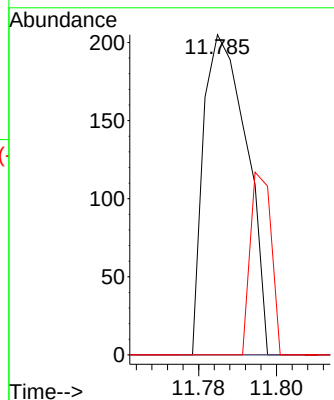


#81
 p-Isopropyltoluene
 Concen: 0.523 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU060322.D
 Acq: 06 Aug 2024 14:55

Instrument :
 MSVOA_U
 ClientSampleId :

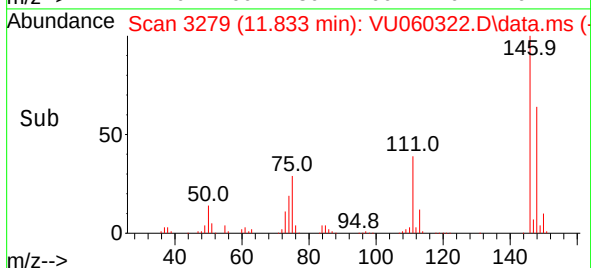
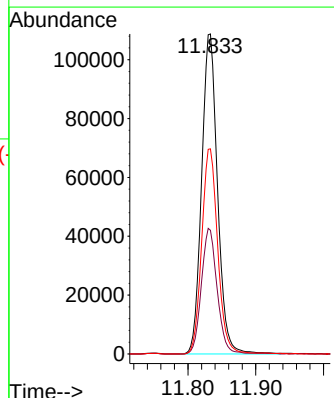
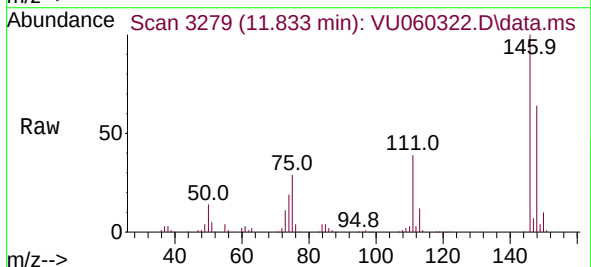


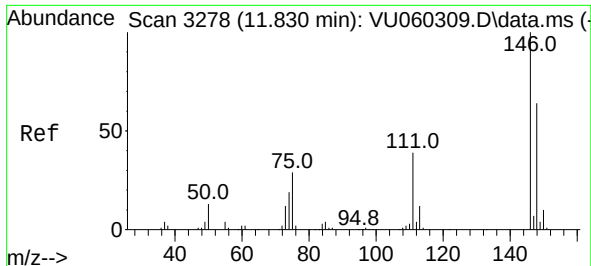
Tgt Ion:119 Resp: 157
 Ion Ratio Lower Upper
 119 100
 134 0.0 21.2 31.8#
 91 27.4 18.9 28.3



#82
 1,3-Dichlorobenzene
 Concen: 8.637 ug/l
 RT: 11.833 min Scan# 3279
 Delta R.T. 0.093 min
 Lab File: VU060322.D
 Acq: 06 Aug 2024 14:55

Tgt Ion:146 Resp: 177113
 Ion Ratio Lower Upper
 146 100
 111 38.8 32.0 48.0
 148 64.4 51.4 77.0





#83

1,4-Dichlorobenzene

Concen: 8.701 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

Instrument :

MSVOA_U

ClientSampleId :

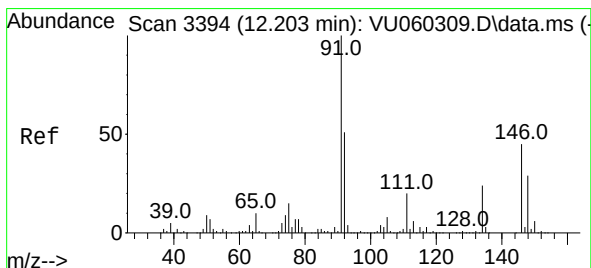
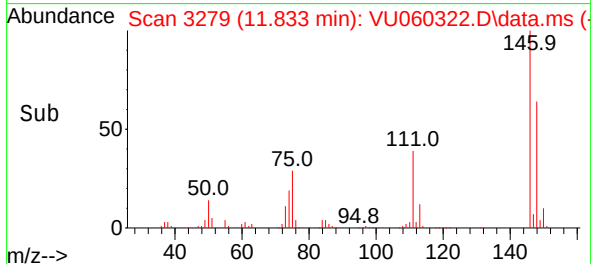
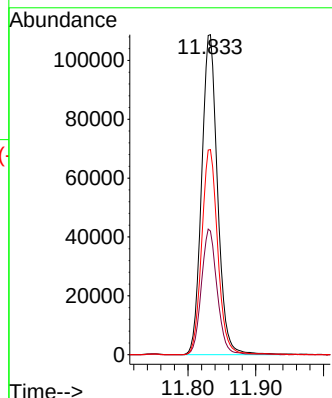
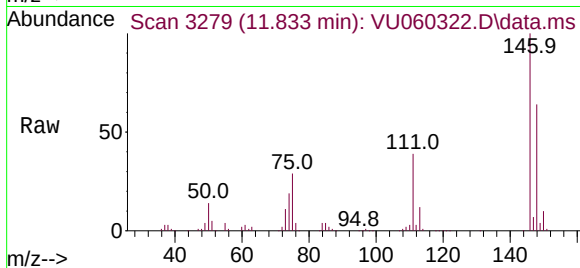
Tgt Ion:146 Resp: 177113

Ion Ratio Lower Upper

146 100

111 38.8 30.9 46.3

148 64.4 51.8 77.6



#84

n-Butylbenzene

Concen: 0.524 ug/l

RT: 12.222 min Scan# 3400

Delta R.T. 0.019 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

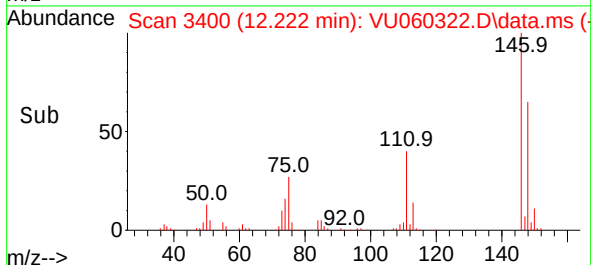
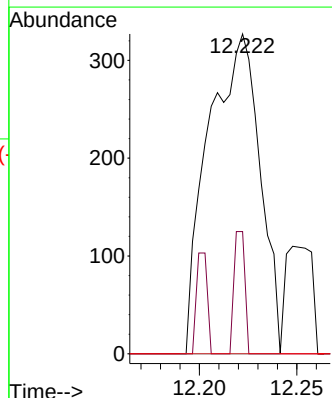
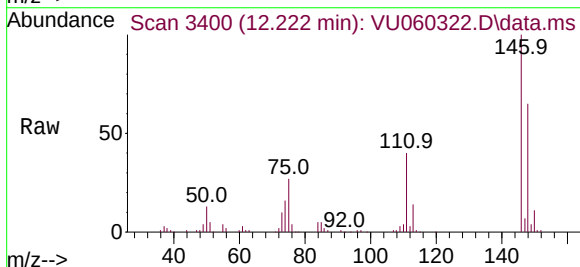
Tgt Ion: 91 Resp: 601

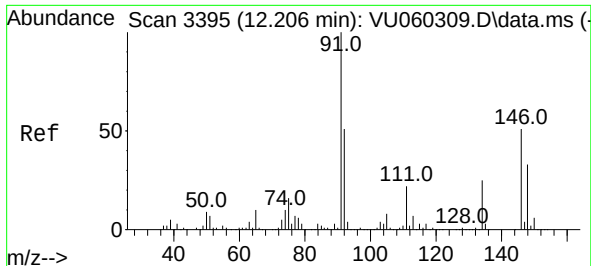
Ion Ratio Lower Upper

91 100

92 8.0 41.0 61.6#

134 0.0 19.4 29.2#





#85

1,2-Dichlorobenzene

Concen: 7.835 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

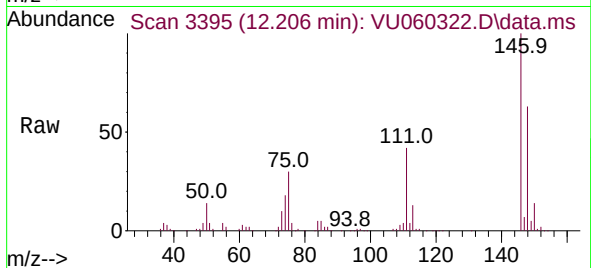
Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

Instrument :

MSVOA_U

ClientSampleId :



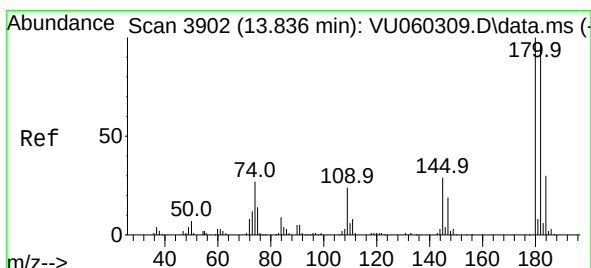
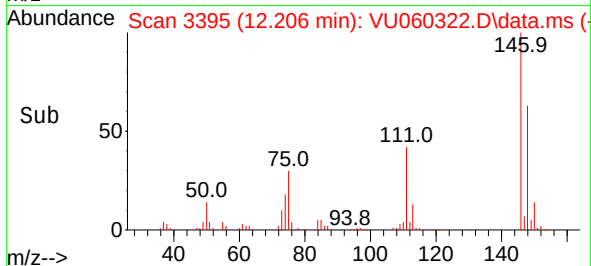
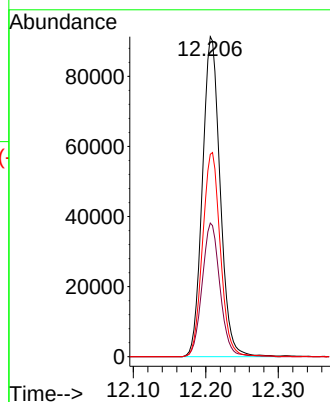
Tgt Ion:146 Resp: 155403

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.7

148 64.0 32.0 96.0



#87

1,2,4-Trichlorobenzene

Concen: 12.300 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060322.D

Acq: 06 Aug 2024 14:55

Tgt Ion:180 Resp: 139532

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

145 28.4 23.4 35.0

