

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048691.D
 Acq On : 27 May 2022 14:17
 Operator : SY/MD
 Sample : N3056-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Quant Time: May 28 00:18:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	194893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	329510	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	359014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	212142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	161015	55.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.020%
35) Dibromofluoromethane	5.292	113	138212	58.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	117.580%
50) Toluene-d8	7.899	98	424822	50.413	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.820%
62) 4-Bromofluorobenzene	10.632	95	205190	64.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	128.760%#
Target Compounds						Qvalue
4) Vinyl Chloride	1.600	62	656	0.247	ug/l #	1
5) Bromomethane	1.848	94	80	Below Cal	#	3
6) Chloroethane	1.935	64	2027	Below Cal	#	60
11) Tert butyl alcohol	3.195	59	807	1.088	ug/l #	28
13) Acrolein	2.475	56	530	Below Cal		91
16) Acetone	2.623	43	4444	2.979	ug/l #	87
17) Carbon Disulfide	2.797	76	4105	0.709	ug/l	97
31) Cyclohexane	5.372	56	6577	1.783	ug/l #	3
36) 1,1-Dichloropropene	5.372	75	15875	4.627	ug/l #	49
38) Carbon Tetrachloride	5.372	117	20532	5.216	ug/l #	18
39) Methylcyclohexane	6.764	83	132425	36.811	ug/l	98
40) Benzene	5.777	78	37669	3.719	ug/l	99
44) Trichloroethene	6.546	130	931	0.357	ug/l	93
45) 1,2-Dichloropropane	6.764	63	1597	0.626	ug/l #	1
48) Methyl methacrylate	6.983	41	5894	2.086	ug/l #	55
49) 1,4-Dioxane	6.964	88	19	0.301	ug/l #	1
51) 4-Methyl-2-Pentanone	7.854	43	3761	0.920	ug/l #	34
52) Toluene	7.973	92	16092	2.656	ug/l	96
55) 1,1,2-Trichloroethane	8.369	97	20051	7.499	ug/l #	20
56) Ethyl methacrylate	8.369	69	6442	4.058	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.449	63	41	29.795	ug/l #	47
59) 2-Hexanone	8.687	43	867	0.258	ug/l	78
64) Tetrachloroethene	8.549	164	150	Below Cal	#	65
67) Ethyl Benzene	9.571	91	4237505	330.882	ug/l	98
68) m/p-Xylenes	9.697	106	166929	33.327	ug/l	99
69) o-Xylene	10.102	106	169241	34.392	ug/l	97
70) Styrene	10.102	104	10085	1.246	ug/l #	1
73) Isopropylbenzene	10.484	105	1505839	109.949	ug/l	98
74) N-amyl acetate	10.330	43	705	2.564	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	10.819	83	1326	0.237	ug/l #	25
76) 1,2,3-Trichloropropane	10.906	75	12003	1.755	ug/l #	1
78) n-propylbenzene	10.906	91	1881991	115.320	ug/l	99
79) 2-Chlorotoluene	11.021	91	106387	10.483	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.089	105	811598	68.143	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.484	75	17821	9.460	ug/l #	58
82) 4-Chlorotoluene	11.089	91	88588	7.565	ug/l #	46

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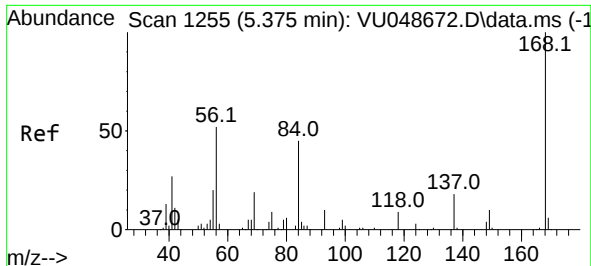
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	11.468	119	650963	56.947	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.468	105	5513271	420.508	ug/l	99
85) sec-Butylbenzene	11.468	105	5513271	385.525	ug/l #	58
86) p-Isopropyltoluene	11.745	119	390607	31.806	ug/l	98
89) n-Butylbenzene	12.201	91	221928	19.450	ug/l #	24
90) Hexachloroethane	12.568	117	124024	49.484	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.973	75	4731	2.940	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.841	180	1109	0.232	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.327	180	1178	0.249	ug/l #	76

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

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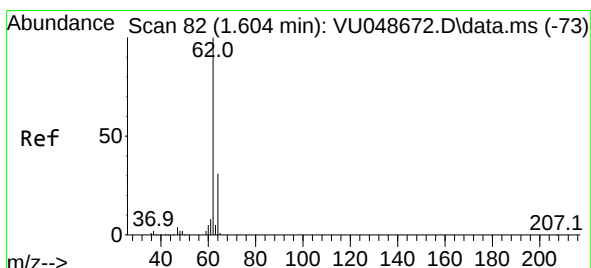
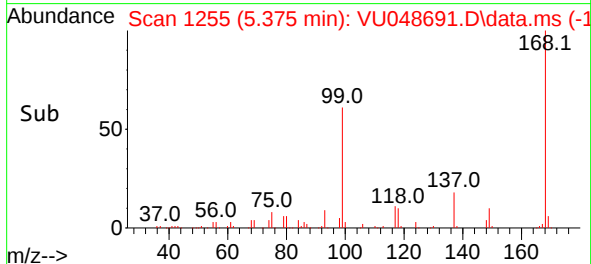
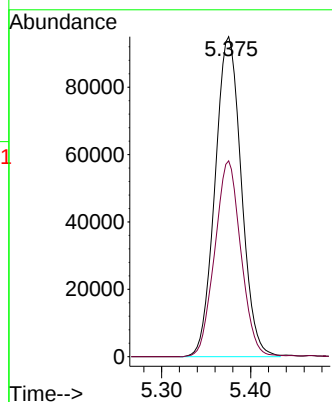
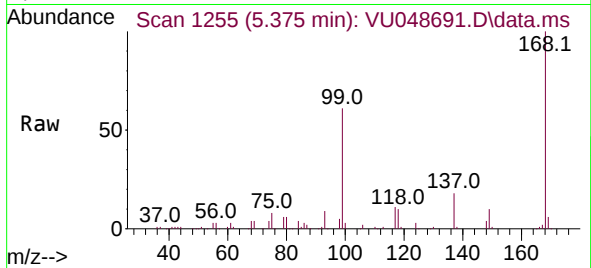




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048691.D
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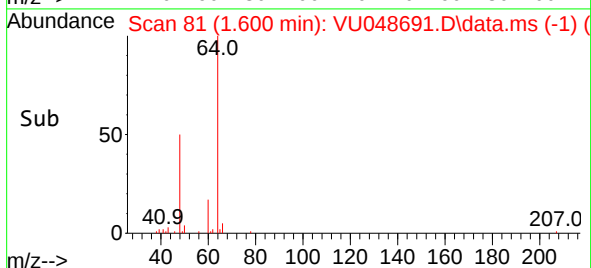
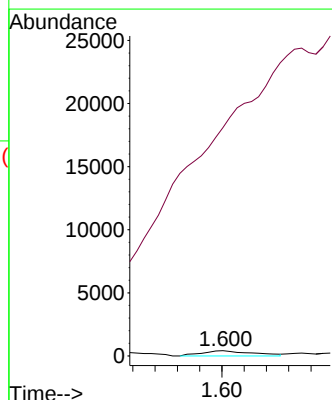
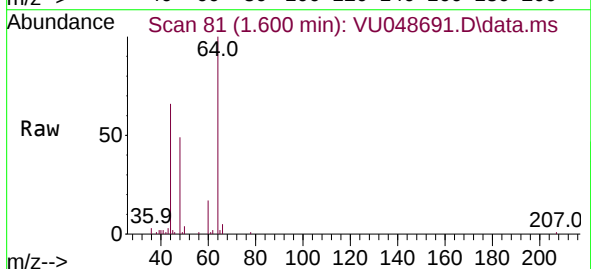
Instrument :
MSVOA_U
ClientSampleId :
MW-12

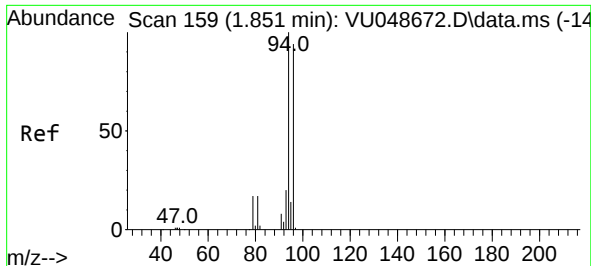
Tgt Ion:168 Resp: 194893
Ion Ratio Lower Upper
168 100
99 61.2 49.3 73.9



#4
Vinyl Chloride
Concen: 0.247 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 62 Resp: 656
Ion Ratio Lower Upper
62 100
64 878.7 25.2 37.8#

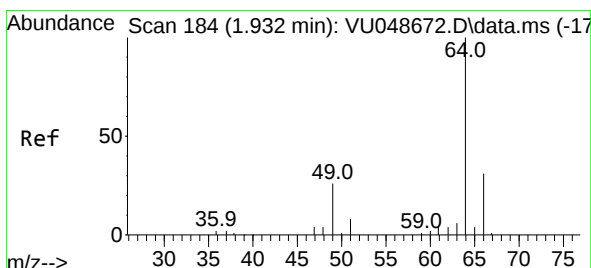
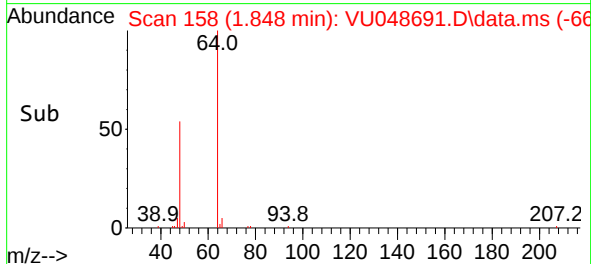
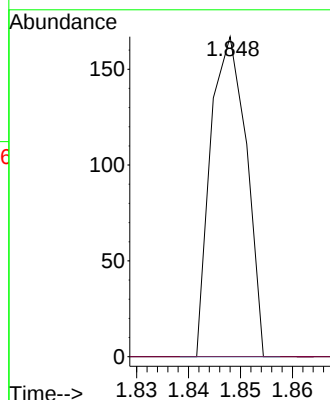
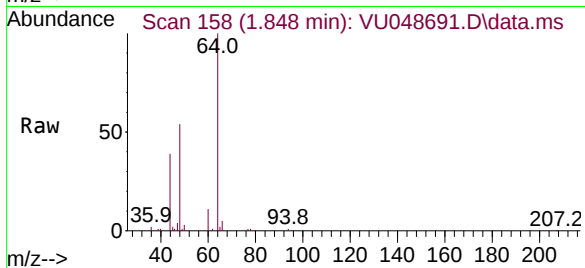




#5
Bromomethane
Concen: Below Cal
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

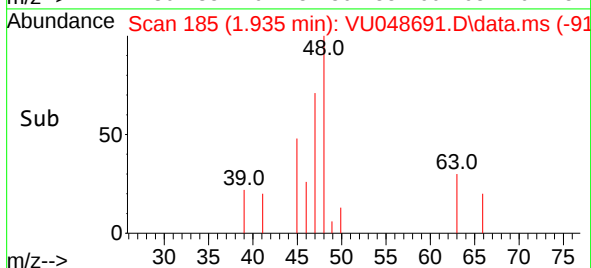
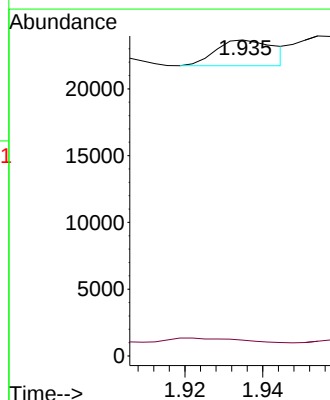
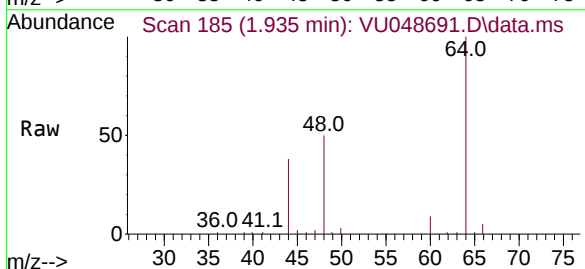
Instrument :
MSVOA_U
ClientSampleId :
MW-12

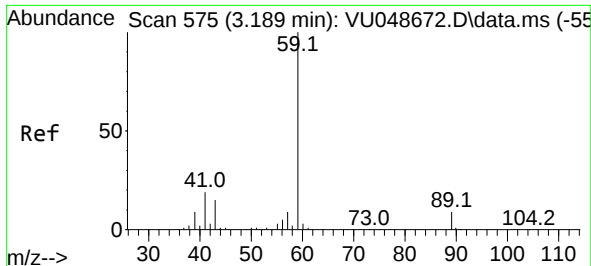
Tgt Ion: 94 Resp: 80
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 64 Resp: 2027
Ion Ratio Lower Upper
64 100
66 9.3 25.2 37.8#





#11

Tert butyl alcohol

Concen: 1.088 ug/l

RT: 3.195 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

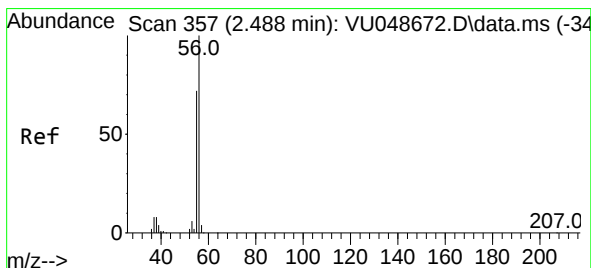
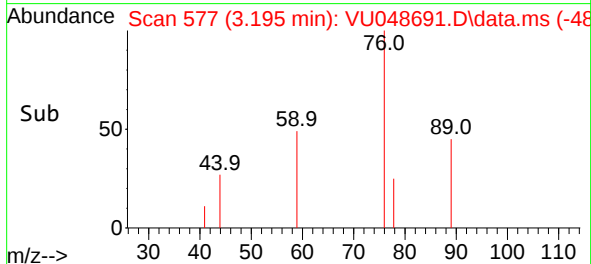
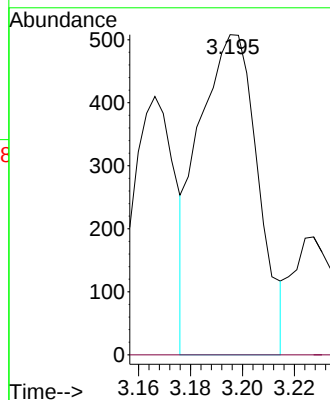
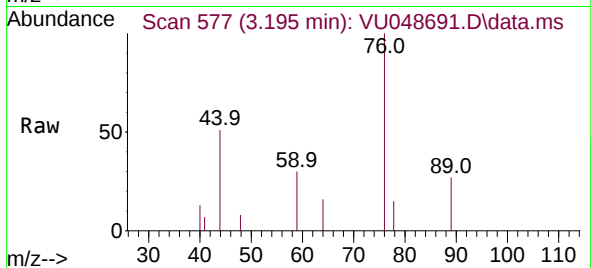
MW-12

Tgt Ion: 59 Resp: 807

Ion Ratio Lower Upper

59 100

57 0.0 39.7 59.5#



#13

Acrolein

Concen: Below Cal

RT: 2.475 min Scan# 353

Delta R.T. -0.013 min

Lab File: VU048691.D

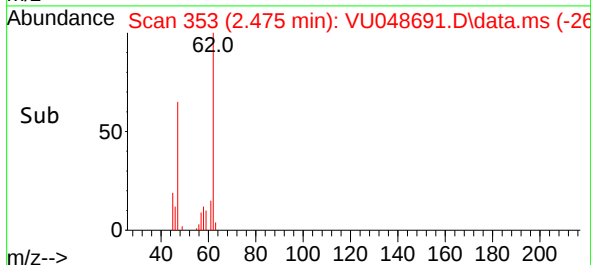
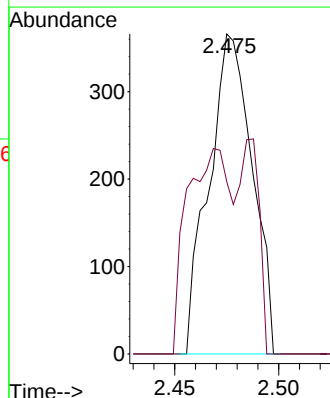
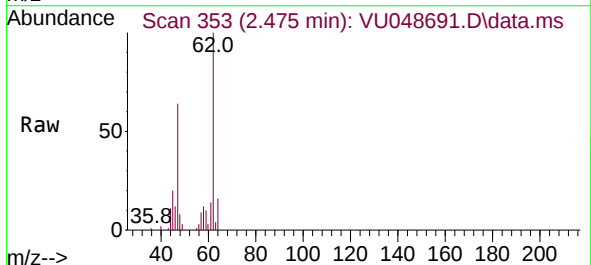
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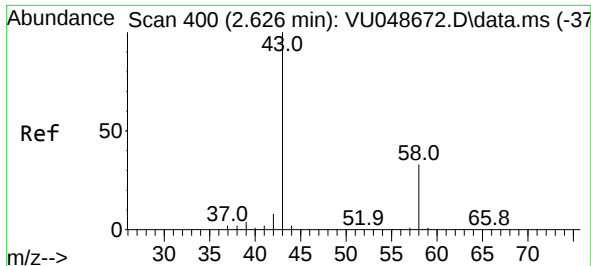
Tgt Ion: 56 Resp: 530

Ion Ratio Lower Upper

56 100

55 64.5 57.7 86.5

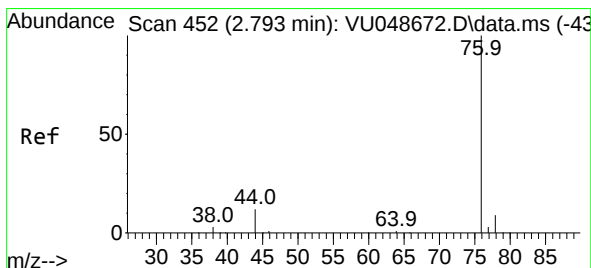
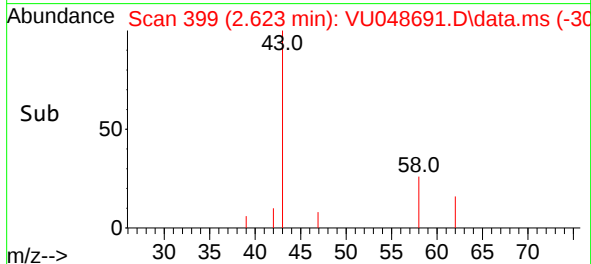
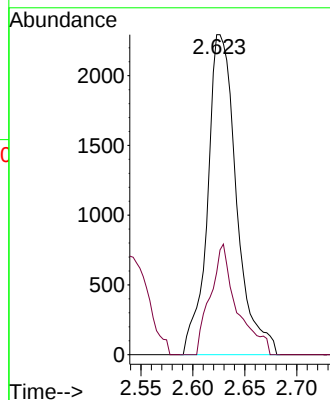
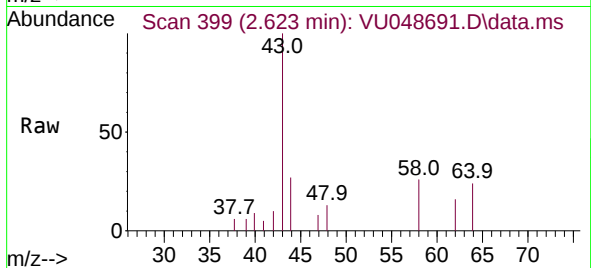




#16
Acetone
Concen: 2.979 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

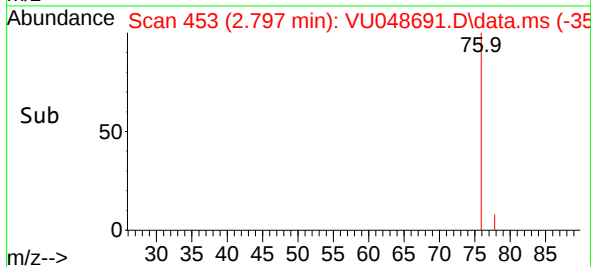
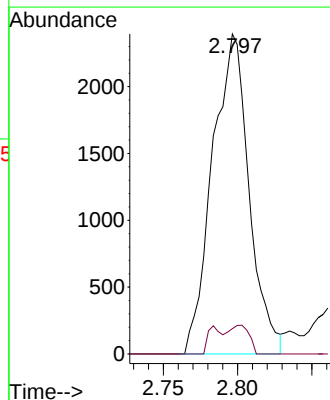
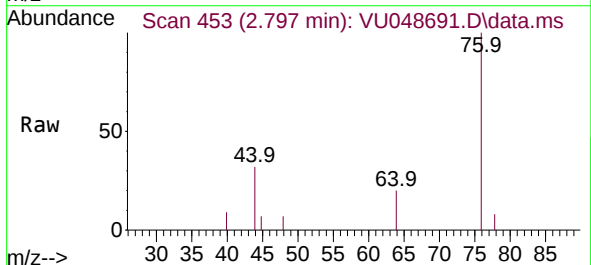
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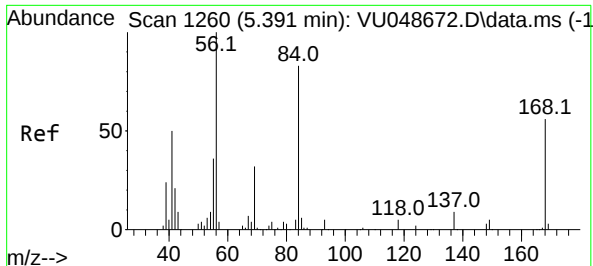
Tgt Ion: 43 Resp: 4444
Ion Ratio Lower Upper
43 100
58 25.7 26.3 39.5#



#17
Carbon Disulfide
Concen: 0.709 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 76 Resp: 4105
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9





#31

Cyclohexane

Concen: 1.783 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

MW-12

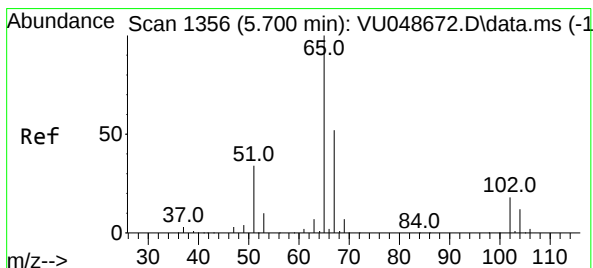
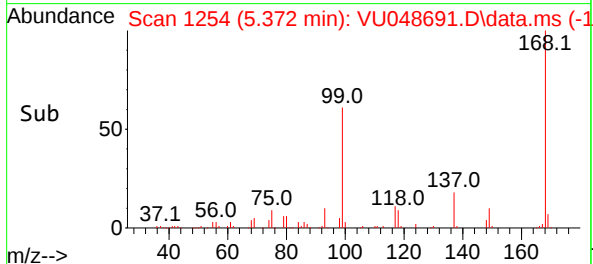
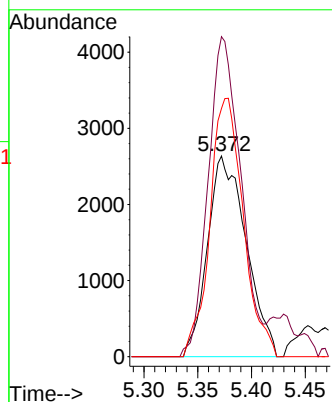
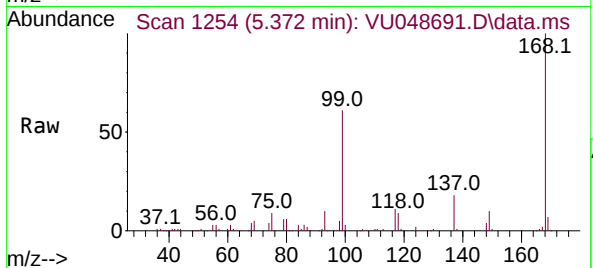
Tgt Ion: 56 Resp: 6577

Ion Ratio Lower Upper

56 100

69 159.5 25.6 38.4#

84 123.7 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 55.012 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048691.D

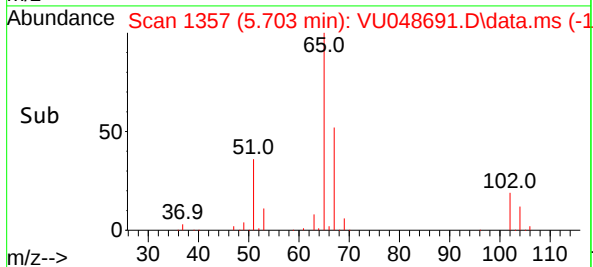
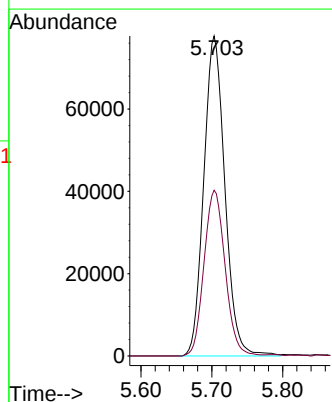
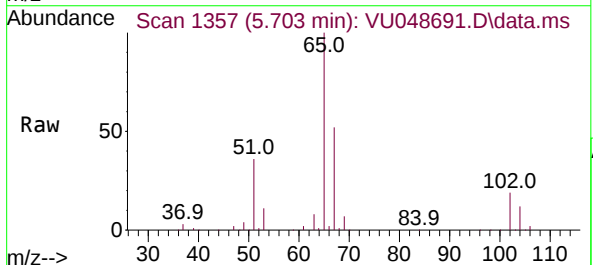
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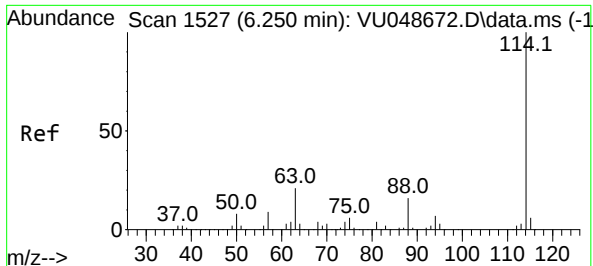
Tgt Ion: 65 Resp: 161015

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

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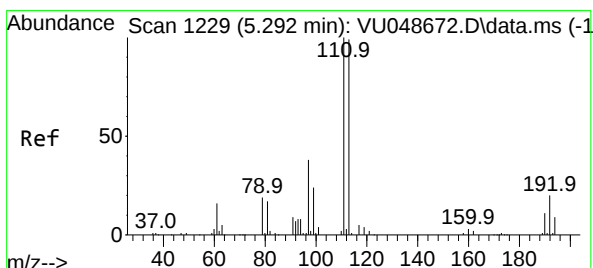
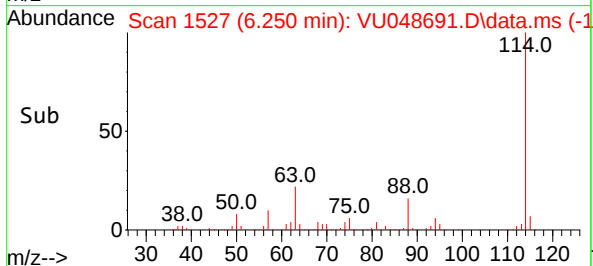
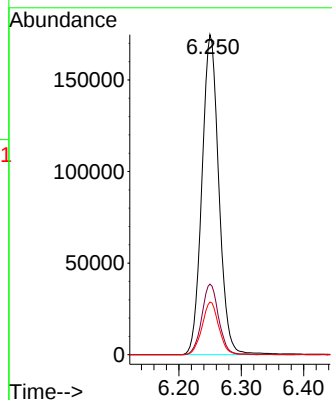
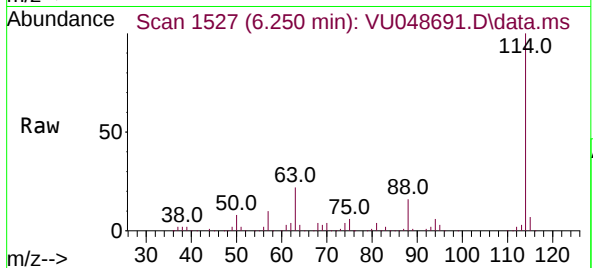
Tgt Ion:114 Resp: 329510

Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.6

88 16.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 58.794 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

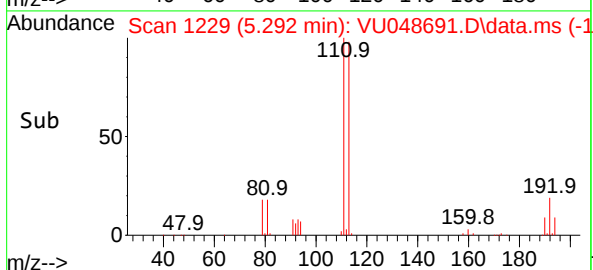
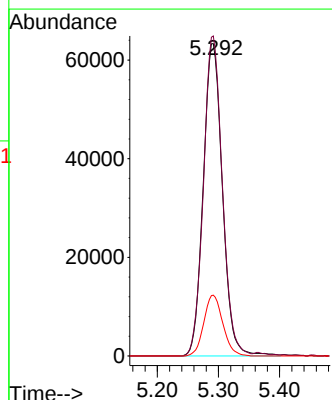
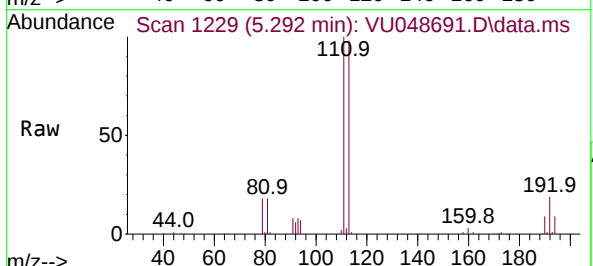
Tgt Ion:113 Resp: 138212

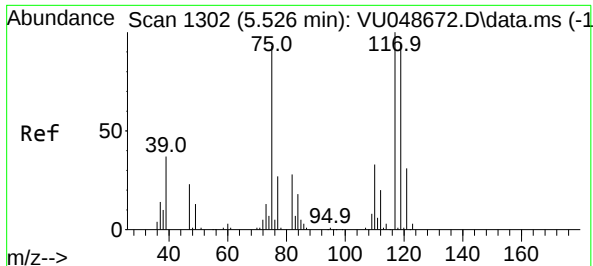
Ion Ratio Lower Upper

113 100

111 100.7 80.7 121.1

192 19.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.627 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.154 min

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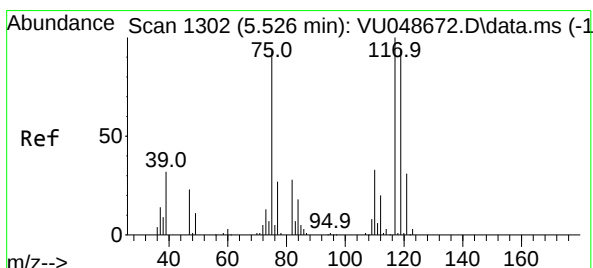
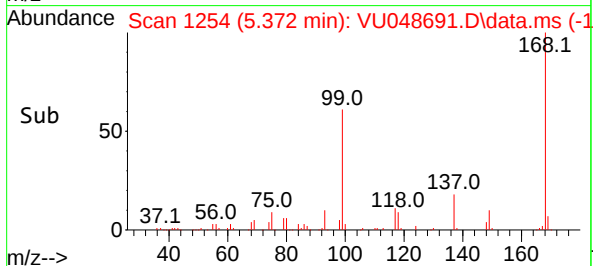
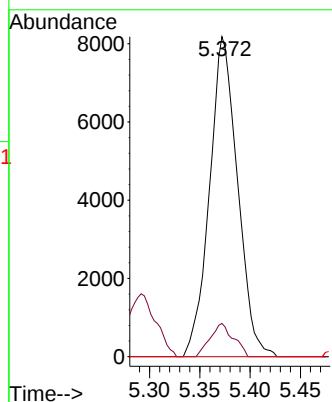
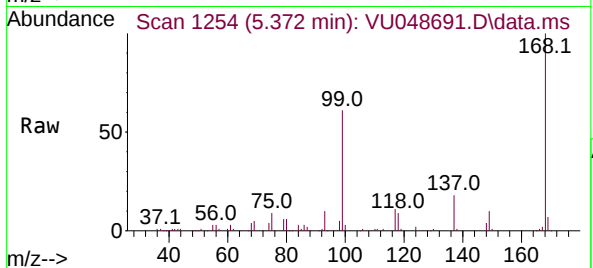
Tgt Ion: 75 Resp: 15875

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.216 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

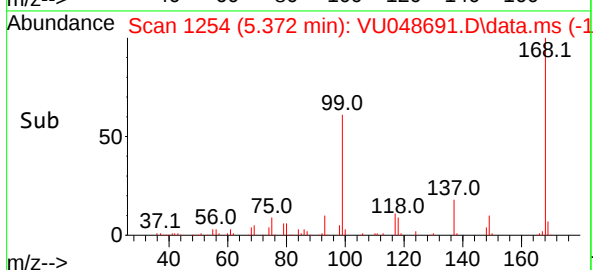
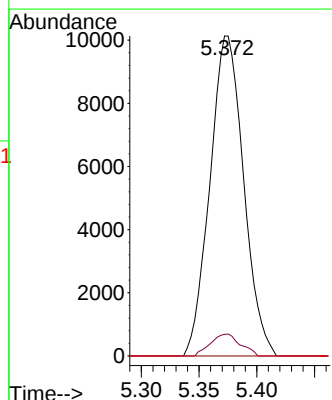
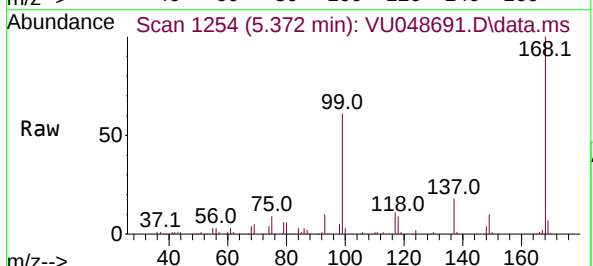
Tgt Ion: 117 Resp: 20532

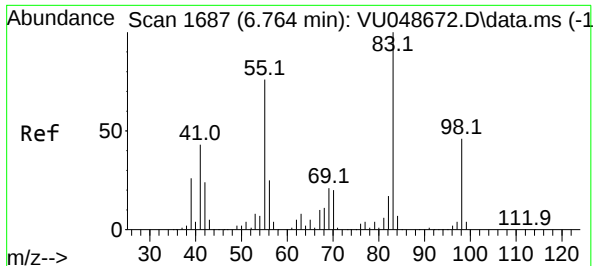
Ion Ratio Lower Upper

117 100

119 6.7 75.4 113.2#

121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 36.811 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

MW-12

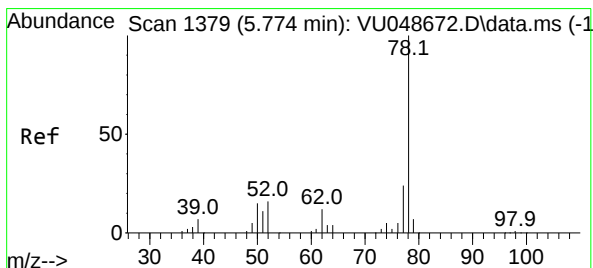
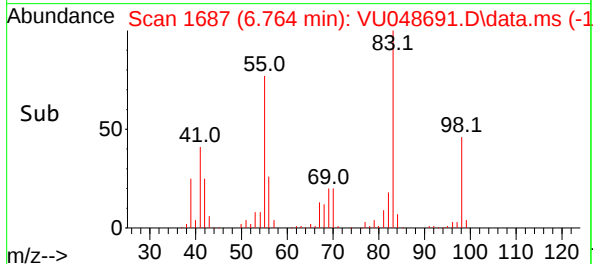
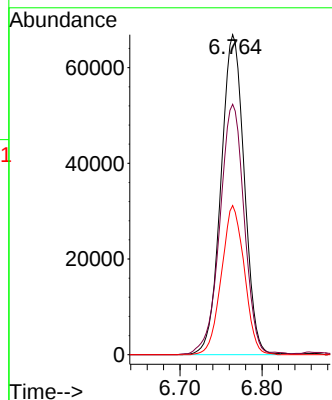
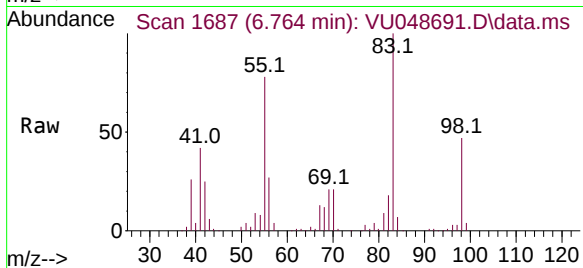
Tgt Ion: 83 Resp: 132425

Ion Ratio Lower Upper

83 100

55 78.1 61.0 91.6

98 46.6 36.8 55.2



#40

Benzene

Concen: 3.719 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.003 min

Lab File: VU048691.D

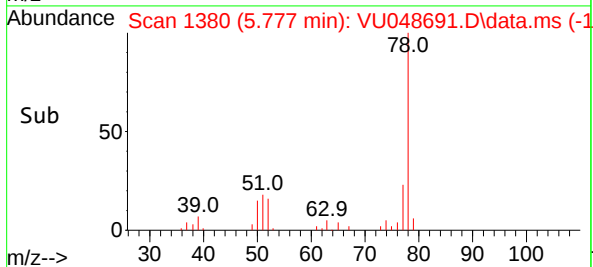
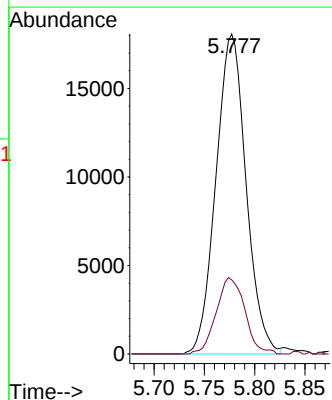
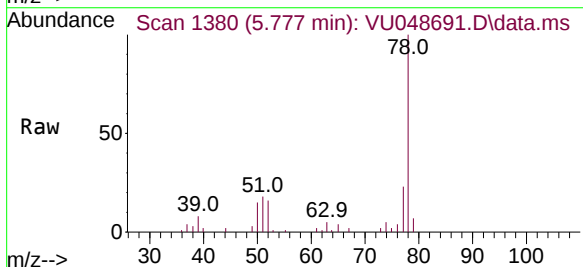
Acq: 27 May 2022 14:17

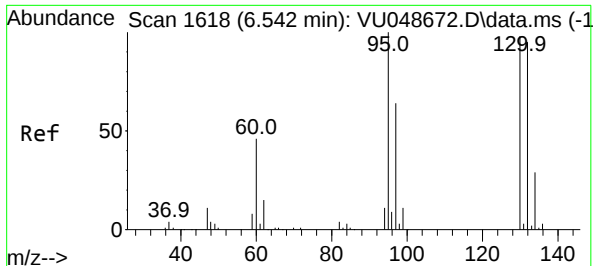
Tgt Ion: 78 Resp: 37669

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

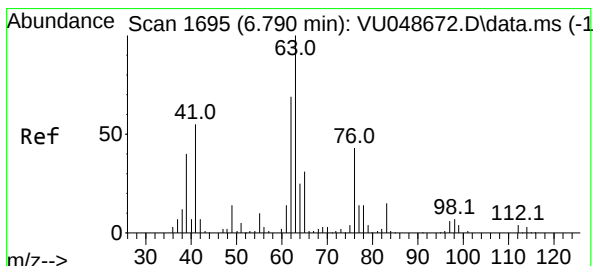
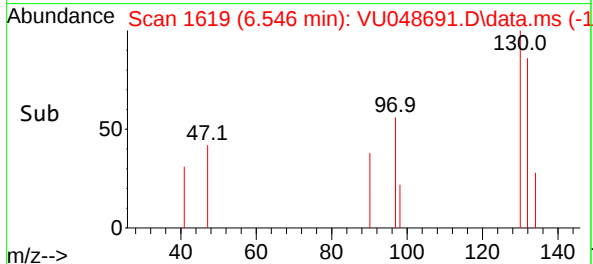
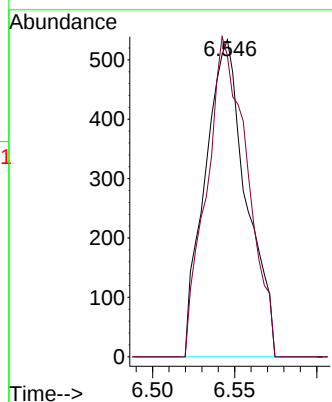
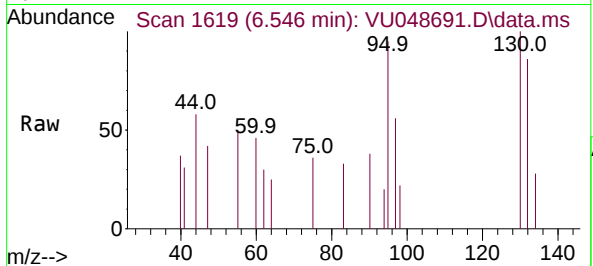




#44
Trichloroethene
Concen: 0.357 ug/l
RT: 6.546 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

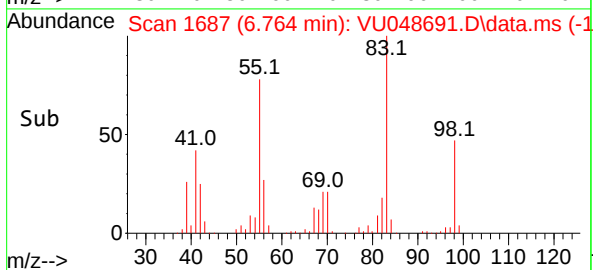
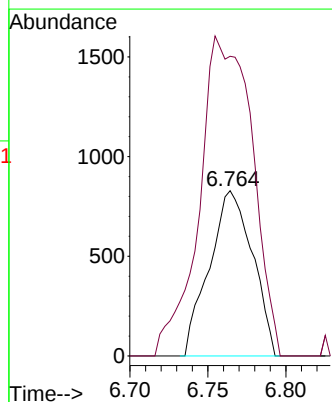
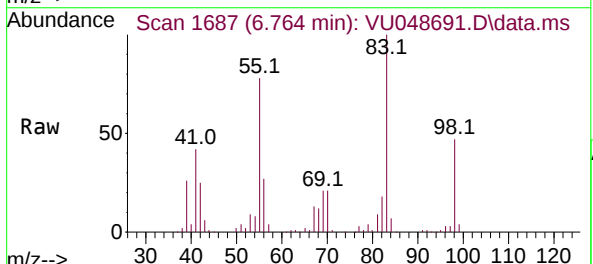
Instrument :
MSVOA_U
ClientSampleId :
MW-12

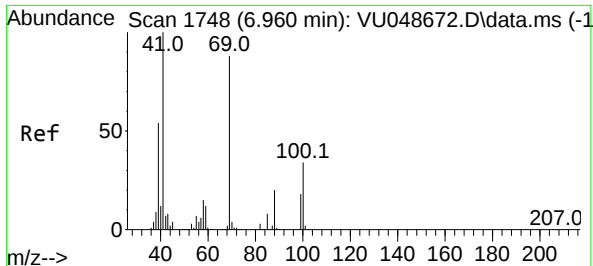
Tgt Ion:130 Resp: 931
Ion Ratio Lower Upper
130 100
95 94.9 0.0 204.8



#45
1,2-Dichloropropane
Concen: 0.626 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. -0.026 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 63 Resp: 1597
Ion Ratio Lower Upper
63 100
65 181.3 24.8 37.2#





#48

Methyl methacrylate

Concen: 2.086 ug/l

RT: 6.983 min Scan# 1

Delta R.T. 0.022 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

MW-12

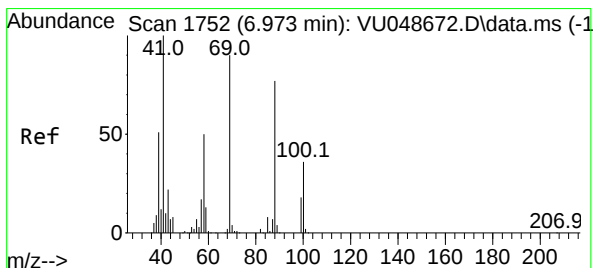
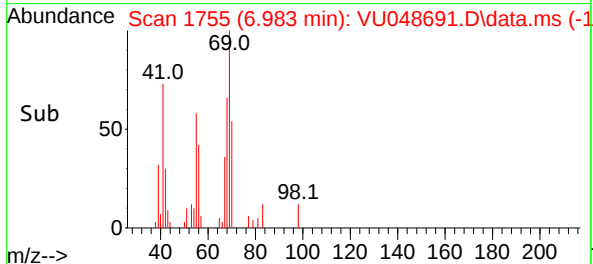
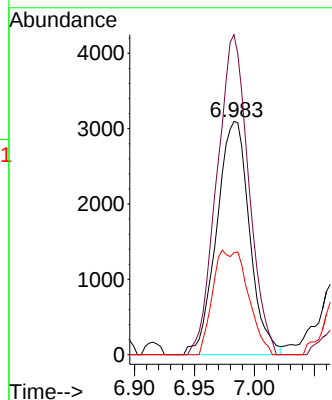
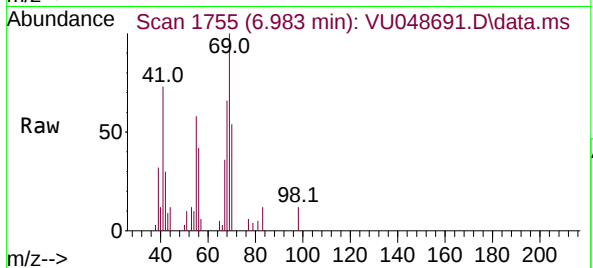
Tgt Ion: 41 Resp: 5894

Ion Ratio Lower Upper

41 100

69 132.5 70.7 106.1#

39 24.9 43.4 65.2#



#49

1,4-Dioxane

Concen: 0.301 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.010 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

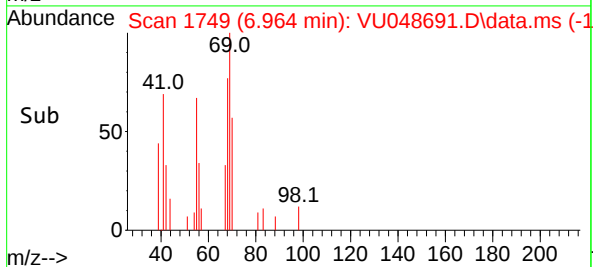
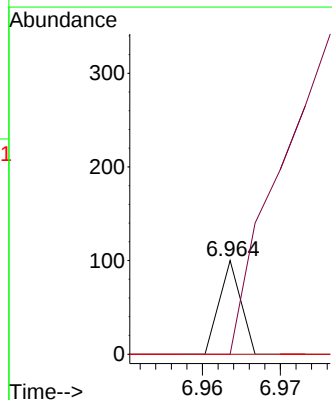
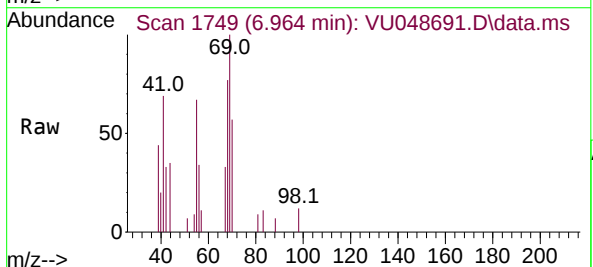
Tgt Ion: 88 Resp: 19

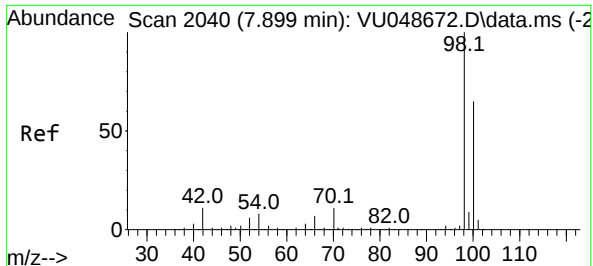
Ion Ratio Lower Upper

88 100

43 2878.9 24.6 36.8#

58 100.0 54.7 82.1#

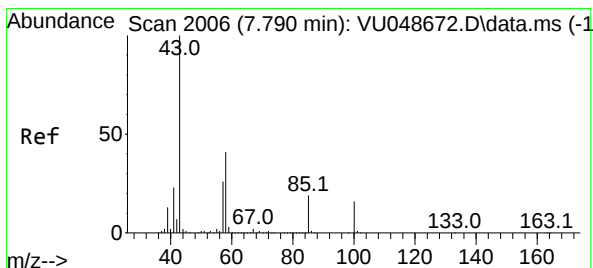
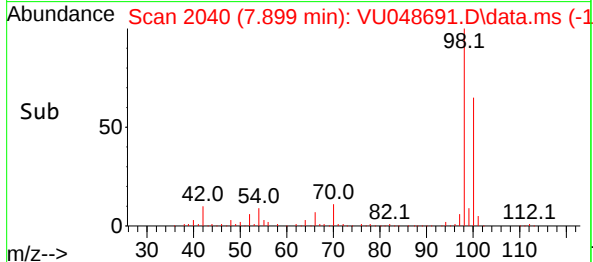
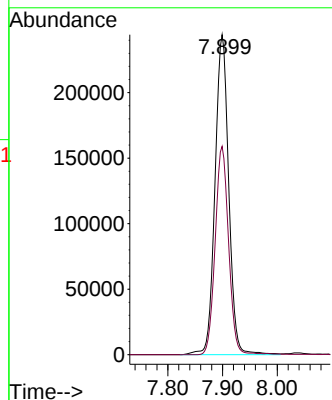
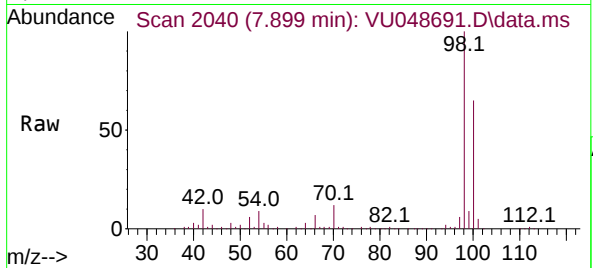




#50
Toluene-d8
Concen: 50.413 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

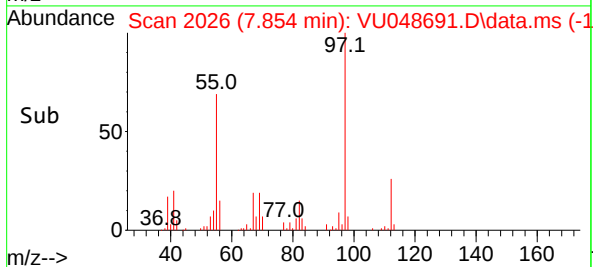
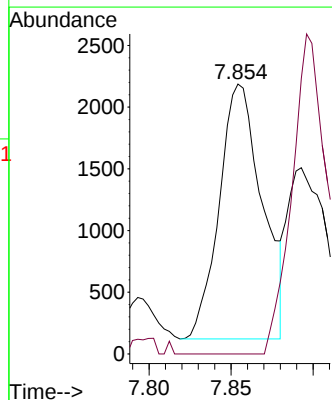
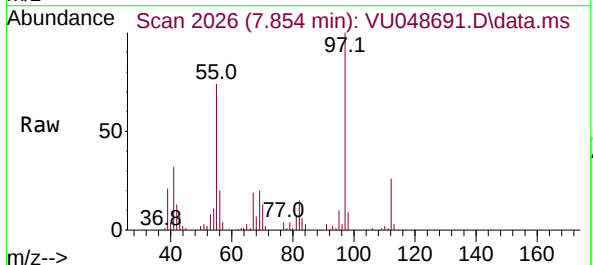
Instrument :
MSVOA_U
ClientSampleId :
MW-12

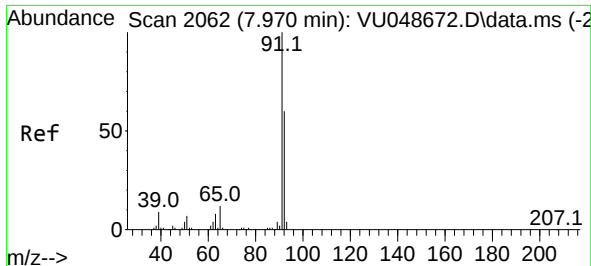
Tgt Ion: 98 Resp: 424822
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.920 ug/l
RT: 7.854 min Scan# 2026
Delta R.T. 0.064 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 43 Resp: 3761
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#





#52

Toluene

Concen: 2.656 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

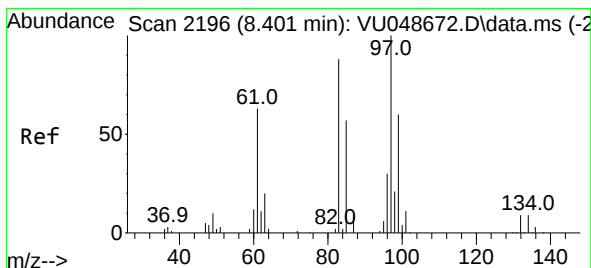
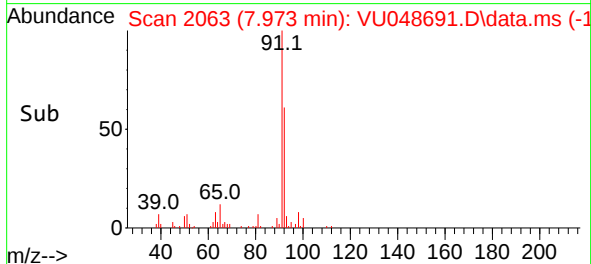
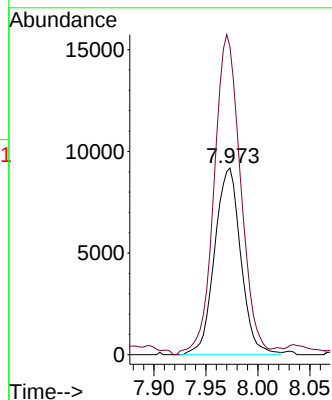
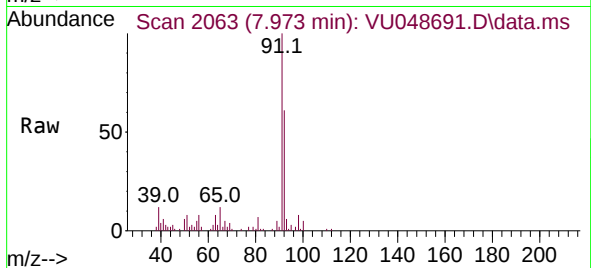
MW-12

Tgt Ion: 92 Resp: 16092

Ion Ratio Lower Upper

92 100

91 173.8 135.0 202.4



#55

1,1,2-Trichloroethane

Concen: 7.499 ug/l

RT: 8.369 min Scan# 2186

Delta R.T. -0.032 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Tgt Ion: 97 Resp: 20051

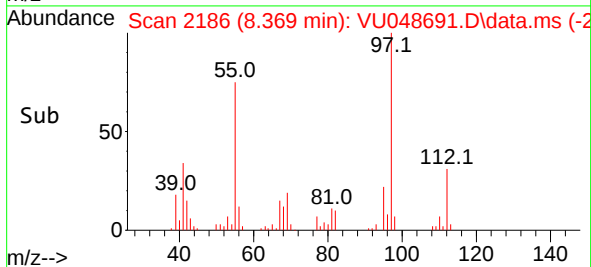
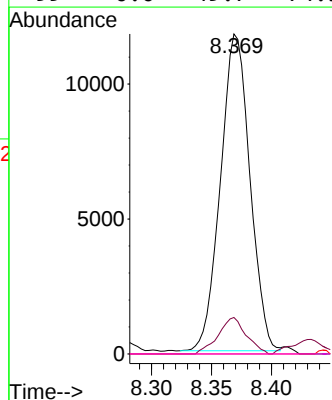
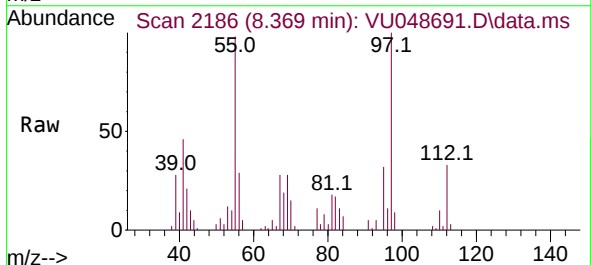
Ion Ratio Lower Upper

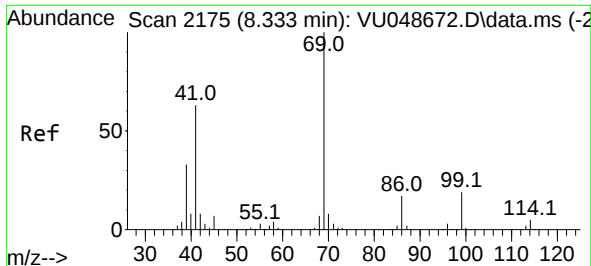
97 100

83 11.5 70.2 105.4#

85 0.0 45.6 68.4#

99 0.0 49.7 74.5#

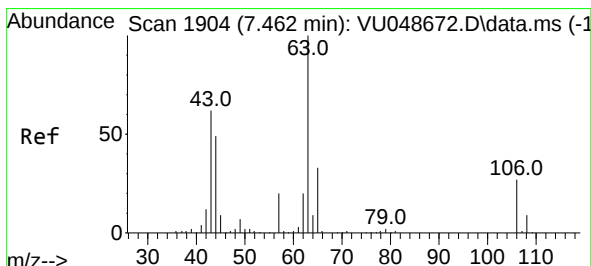
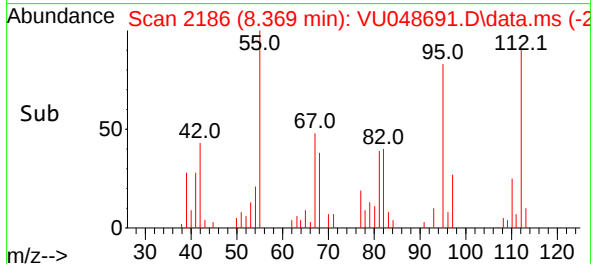
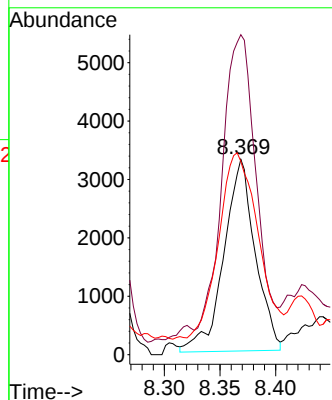
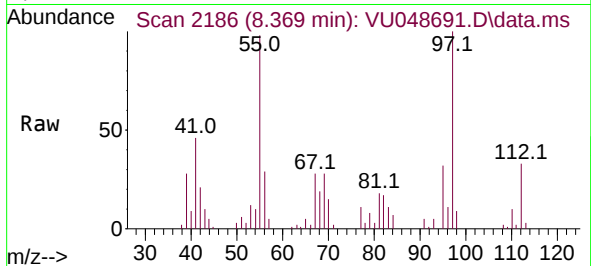




#56
Ethyl methacrylate
Concen: 4.058 ug/l
RT: 8.369 min Scan# 2175
Delta R.T. 0.036 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

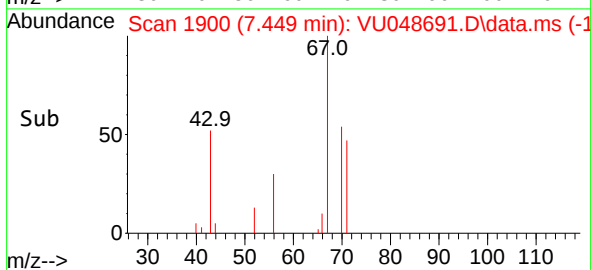
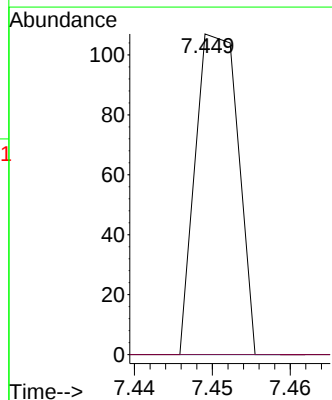
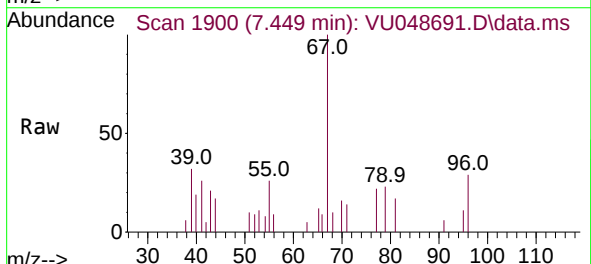
Instrument :
MSVOA_U
ClientSampleId :
MW-12

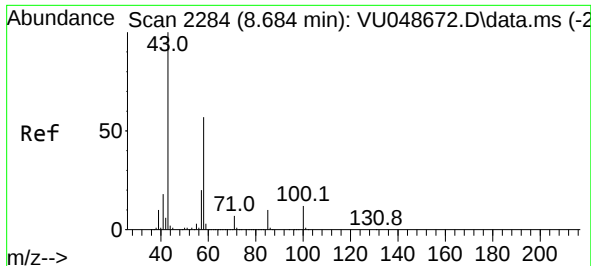
Tgt Ion: 69 Resp: 6442
Ion Ratio Lower Upper
69 100
41 159.5 50.6 76.0#
39 120.2 26.6 40.0#



#58
2-Chloroethyl Vinyl ether
Concen: 29.795 ug/l
RT: 7.449 min Scan# 1900
Delta R.T. -0.013 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 63 Resp: 41
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#





#59

2-Hexanone

Concen: 0.258 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

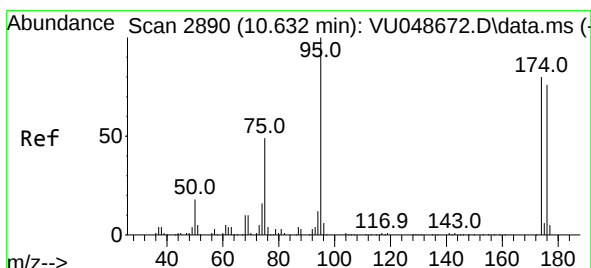
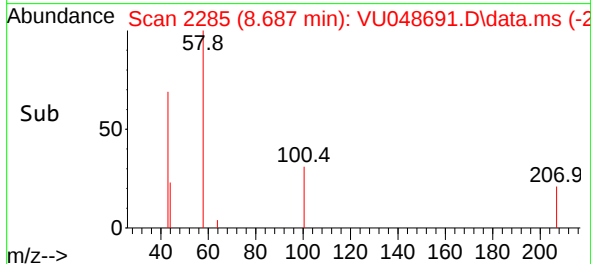
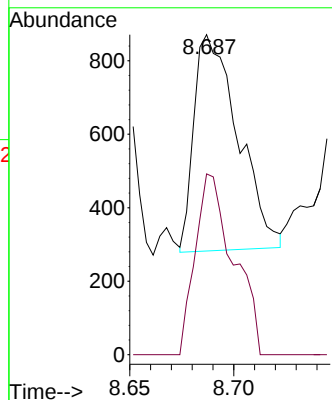
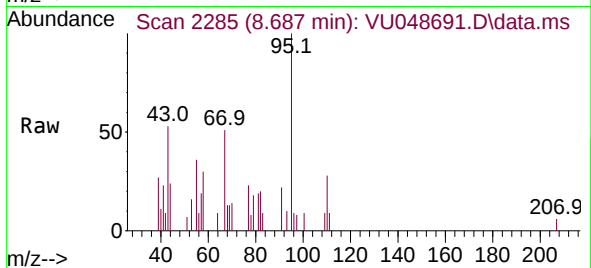
MW-12

Tgt Ion: 43 Resp: 867

Ion Ratio Lower Upper

43 100

58 72.3 28.2 84.6



#62

4-Bromofluorobenzene

Concen: 64.385 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

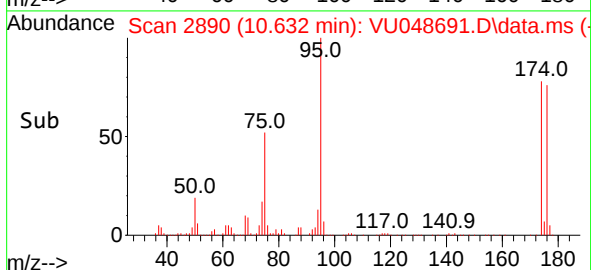
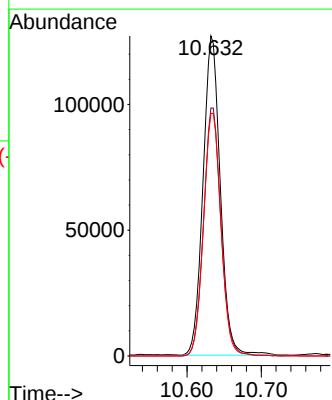
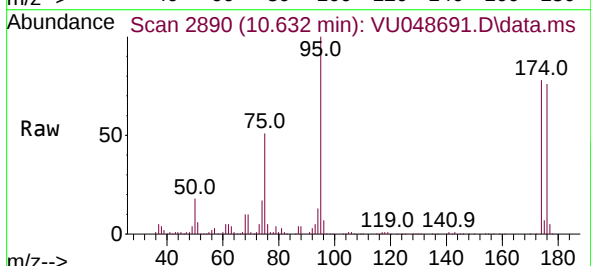
Tgt Ion: 95 Resp: 205190

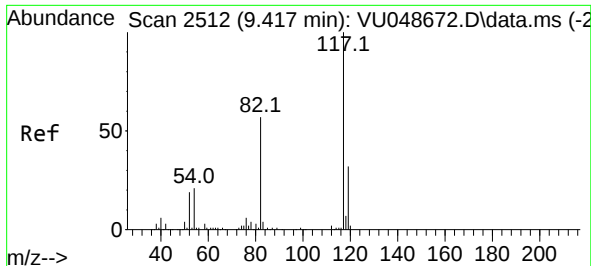
Ion Ratio Lower Upper

95 100

174 77.9 0.0 159.4

176 76.9 0.0 152.4

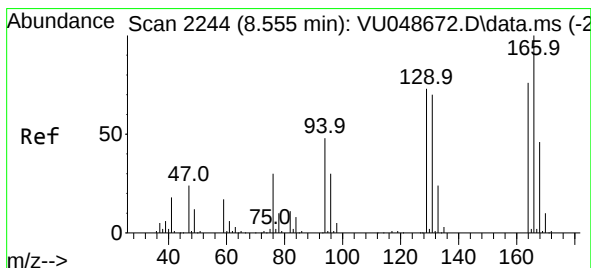
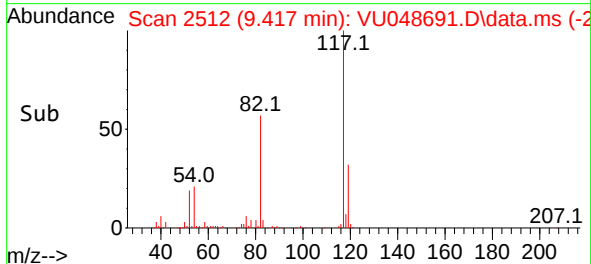
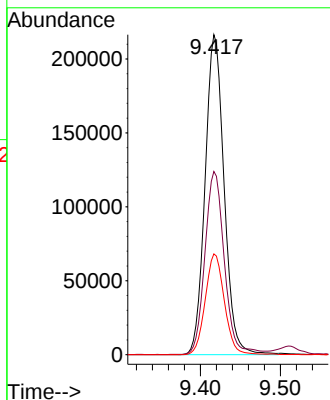
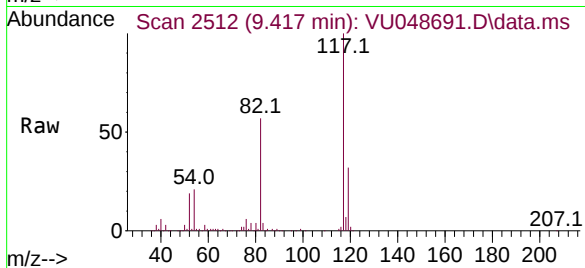




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

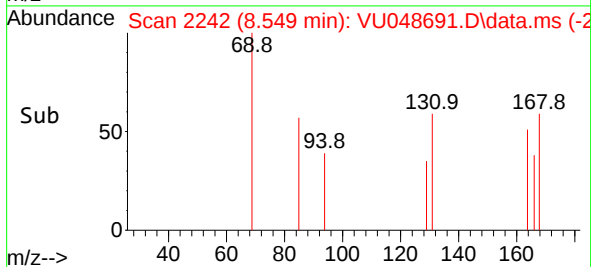
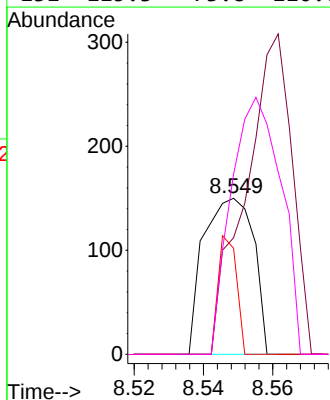
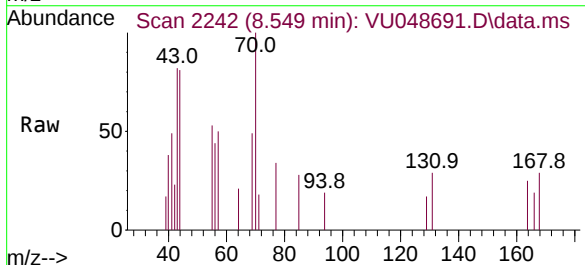
Instrument :
MSVOA_U
ClientSampleId :
MW-12

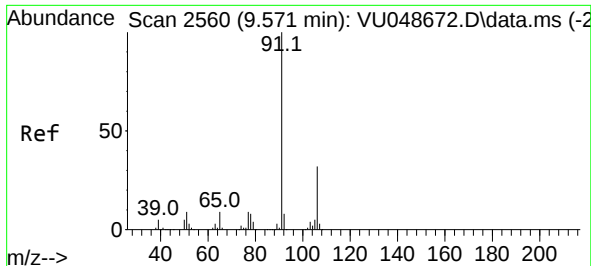
Tgt Ion:117 Resp: 359014
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: Below Cal
RT: 8.549 min Scan# 2242
Delta R.T. -0.006 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion:164 Resp: 150
Ion Ratio Lower Upper
164 100
166 74.7 105.0 157.4#
129 68.0 76.5 114.7#
131 115.3 73.8 110.6#





#67

Ethyl Benzene

Concen: 330.882 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

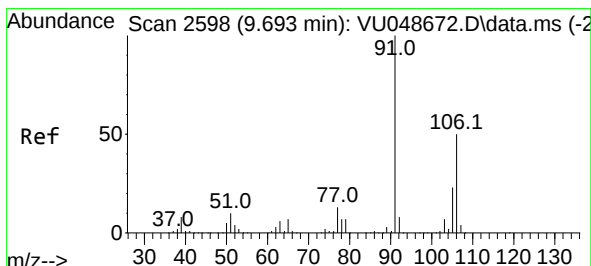
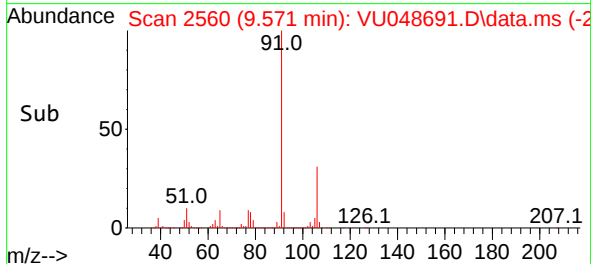
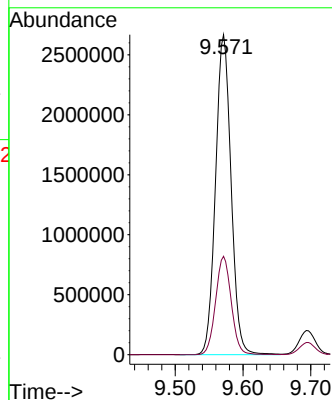
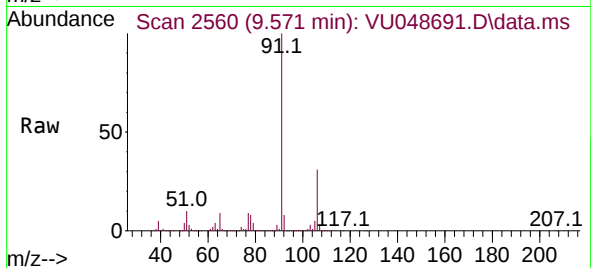
MW-12

Tgt Ion: 91 Resp: 4237505

Ion Ratio Lower Upper

91 100

106 30.7 25.4 38.2



#68

m/p-Xylenes

Concen: 33.327 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU048691.D

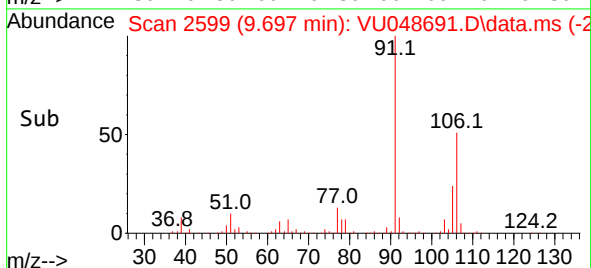
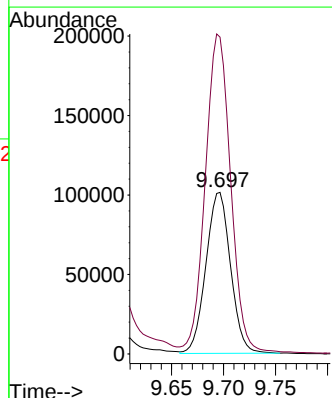
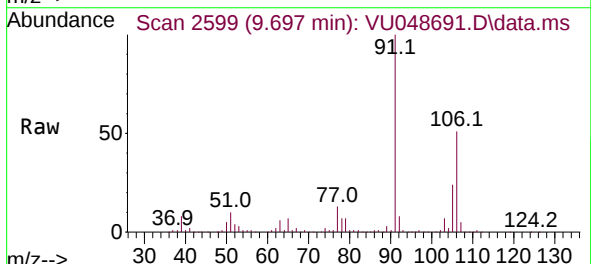
Acq: 27 May 2022 14:17

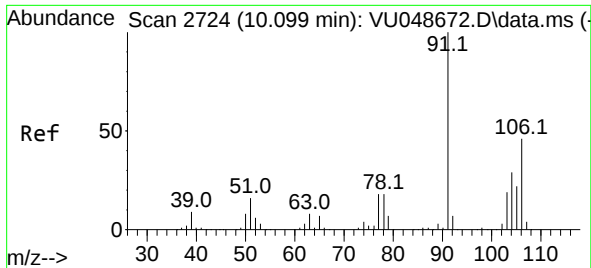
Tgt Ion:106 Resp: 166929

Ion Ratio Lower Upper

106 100

91 204.8 162.4 243.6

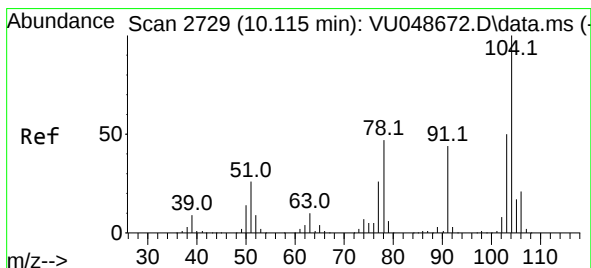
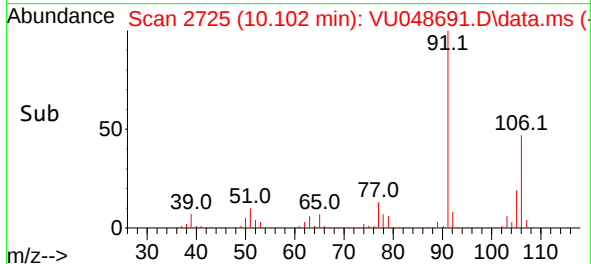
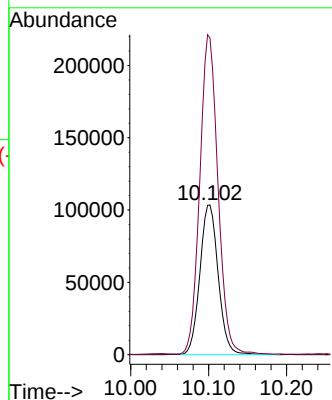
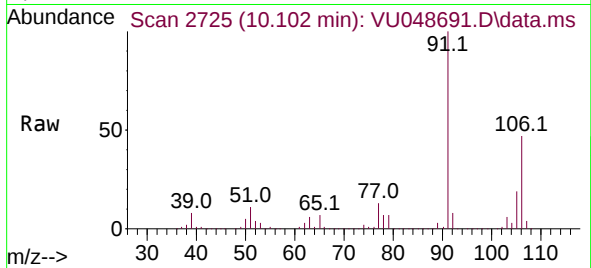




#69
o-Xylene
Concen: 34.392 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

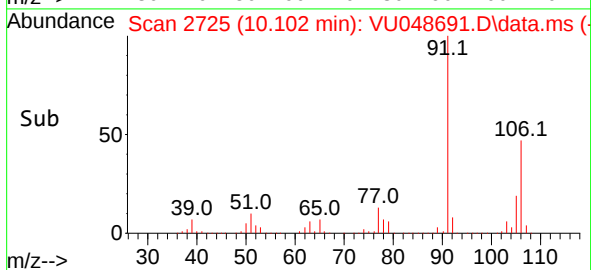
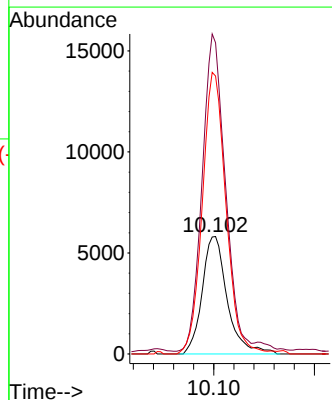
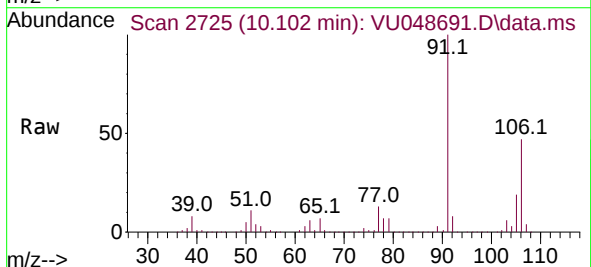
Instrument :
MSVOA_U
ClientSampleId :
MW-12

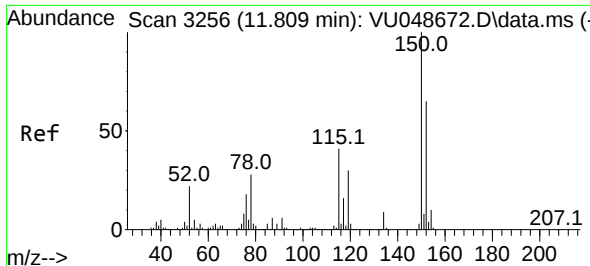
Tgt Ion:106 Resp: 169241
Ion Ratio Lower Upper
106 100
91 210.8 107.7 323.3



#70
Styrene
Concen: 1.246 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.013 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion:104 Resp: 10085
Ion Ratio Lower Upper
104 100
78 248.1 41.2 61.8#
103 226.7 43.4 65.2#

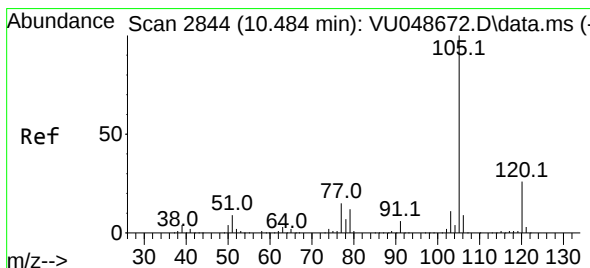
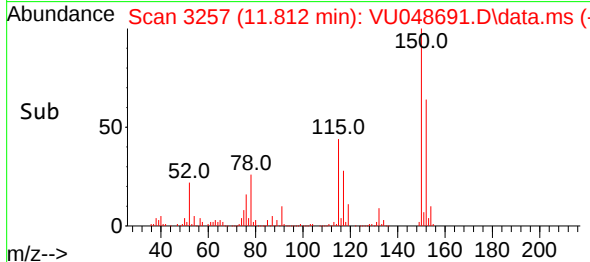
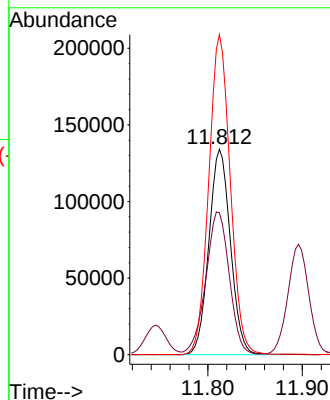
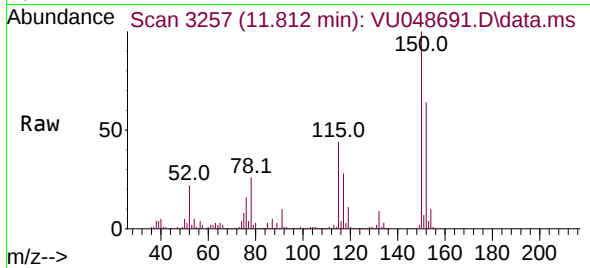




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

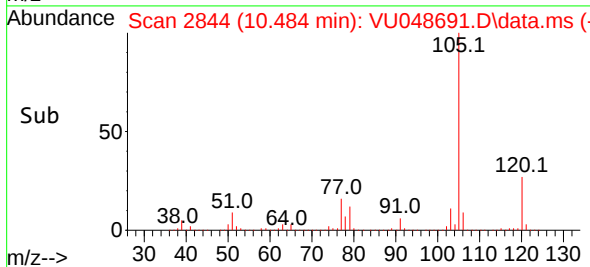
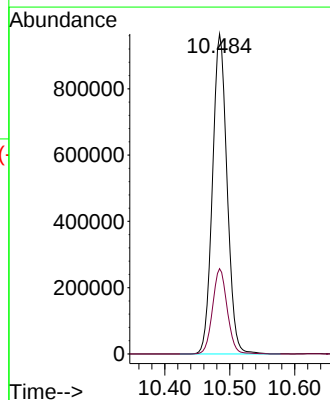
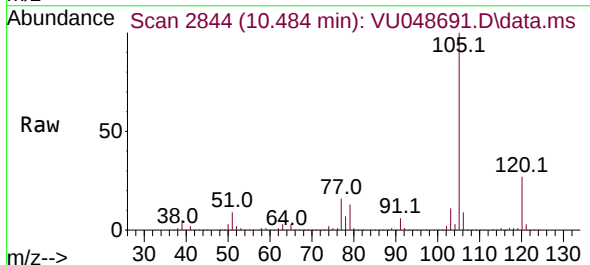
Instrument :
MSVOA_U
ClientSampleId :
MW-12

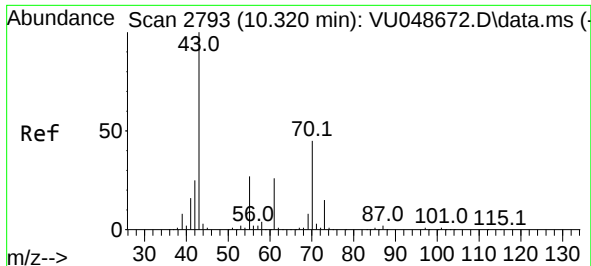
Tgt Ion:152 Resp: 212142
Ion Ratio Lower Upper
152 100
115 75.1 41.8 125.4
150 155.4 0.0 341.0



#73
Isopropylbenzene
Concen: 109.949 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion:105 Resp: 1505839
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

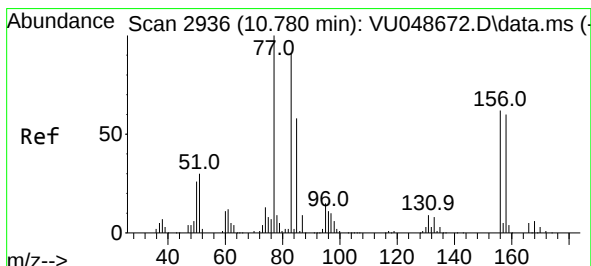
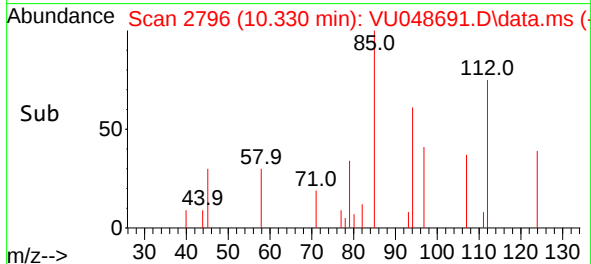
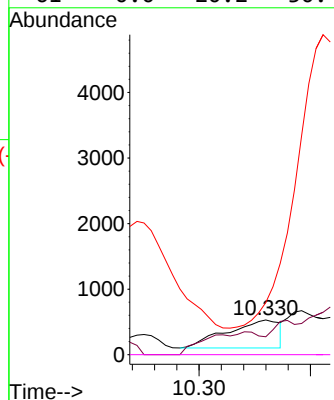
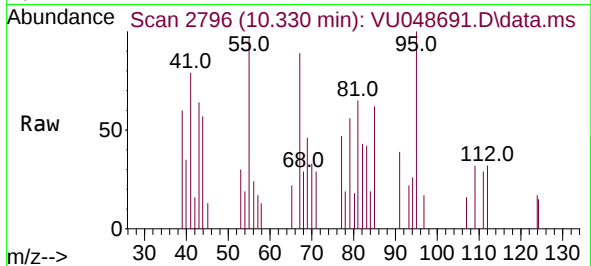




#74
N-amy1 acetate
Concen: 2.564 ug/l
RT: 10.330 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

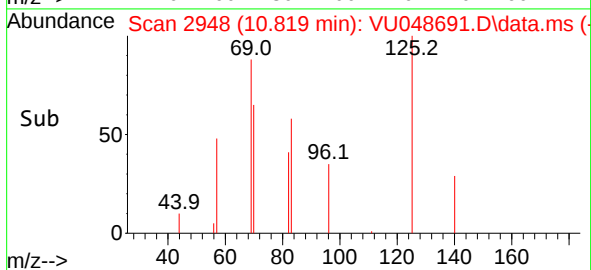
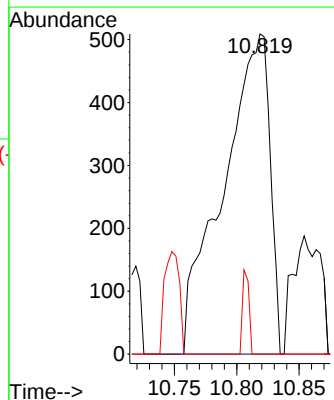
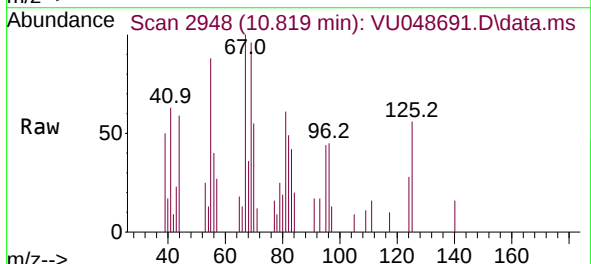
Instrument :
MSVOA_U
ClientSampleId :
MW-12

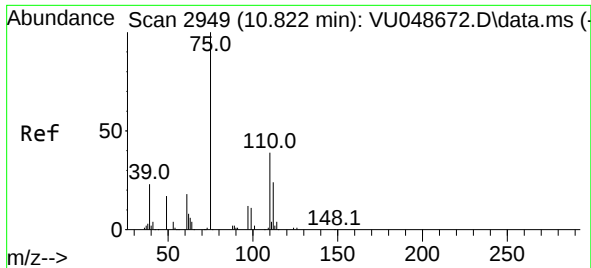
Tgt Ion: 43	Resp: 705
Ion Ratio	Lower Upper
43 100	
70 87.5	35.8 53.6#
55 0.0	21.1 31.7#
61 0.0	20.2 30.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.237 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. 0.038 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 83	Resp: 1326
Ion Ratio	Lower Upper
83 100	
131 0.0	5.2 15.6#
85 0.0	32.5 97.4#

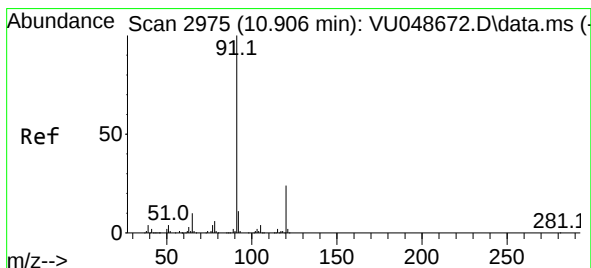
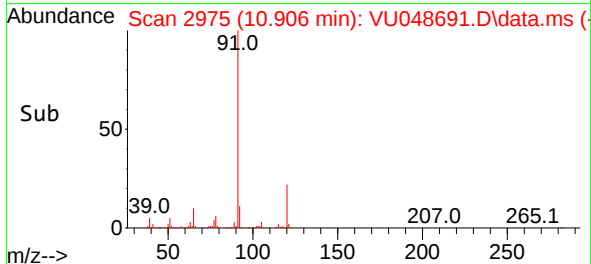
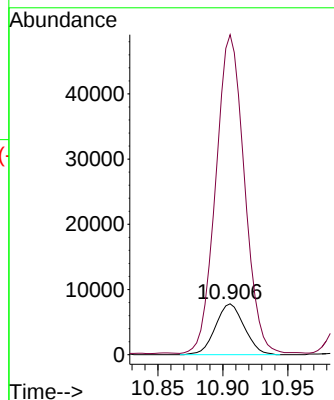
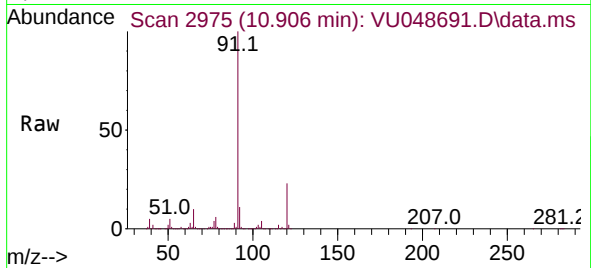




#76
1,2,3-Trichloropropane
Concen: 1.755 ug/l
RT: 10.906 min Scan# 2949
Delta R.T. 0.083 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

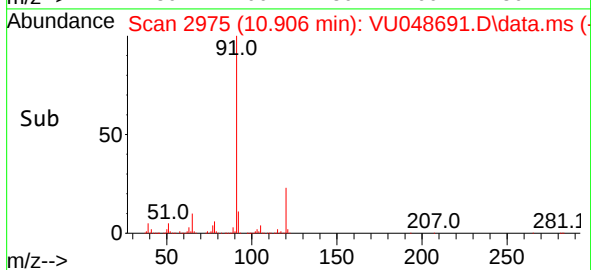
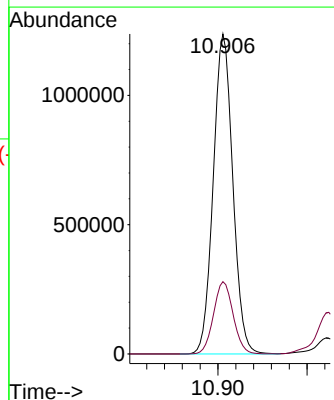
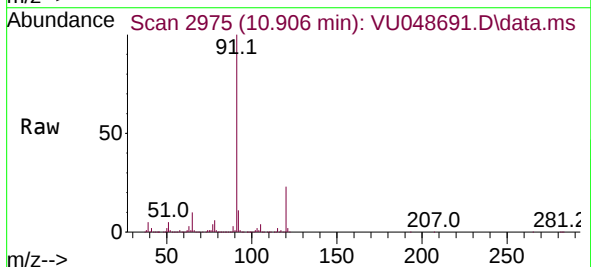
Instrument :
MSVOA_U
ClientSampleId :
MW-12

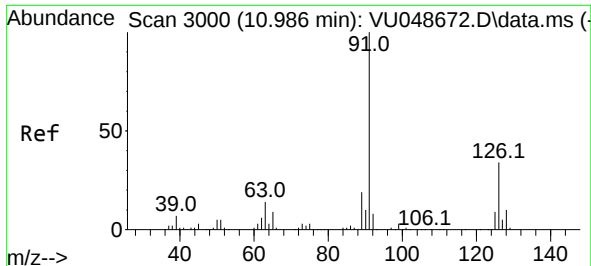
Tgt Ion: 75 Resp: 12003
Ion Ratio Lower Upper
75 100
77 621.2 14.8 44.3#



#78
n-propylbenzene
Concen: 115.320 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 91 Resp: 1881991
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7





#79

2-Chlorotoluene

Concen: 10.483 ug/l

RT: 11.021 min Scan# 3011

Delta R.T. 0.035 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

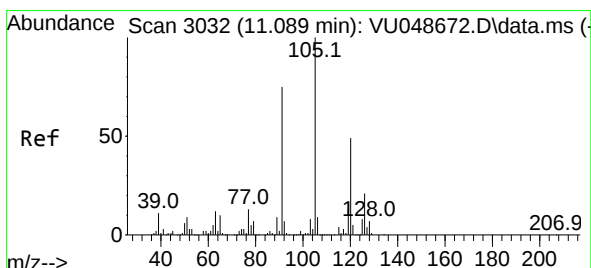
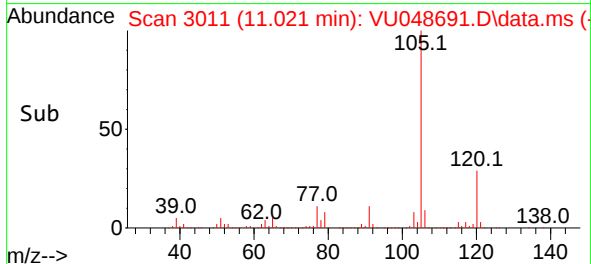
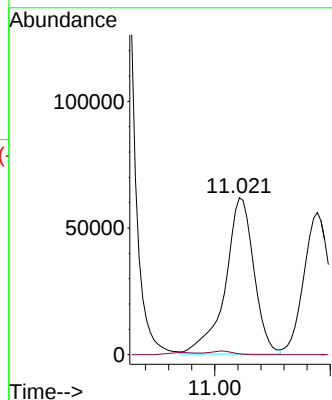
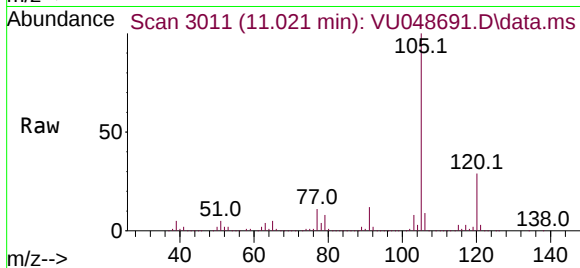
MW-12

Tgt Ion: 91 Resp: 106387

Ion Ratio Lower Upper

91 100

126 1.9 16.7 50.0#



#80

1,3,5-Trimethylbenzene

Concen: 68.143 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048691.D

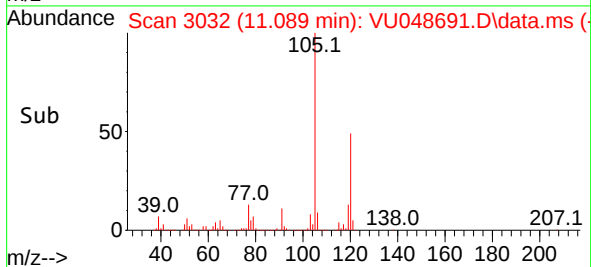
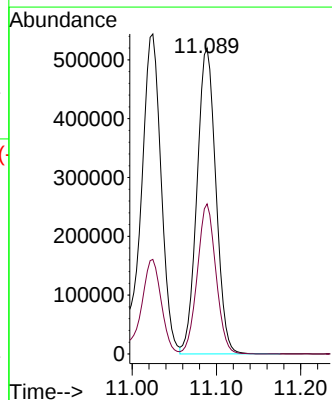
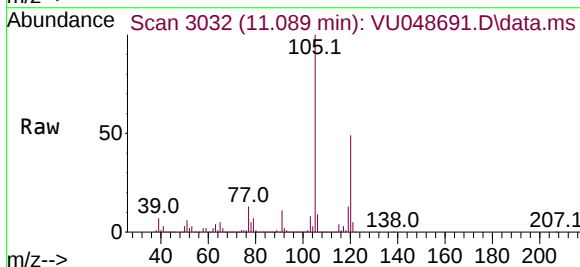
Acq: 27 May 2022 14:17

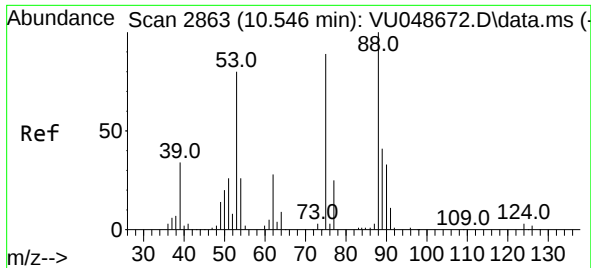
Tgt Ion: 105 Resp: 811598

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3

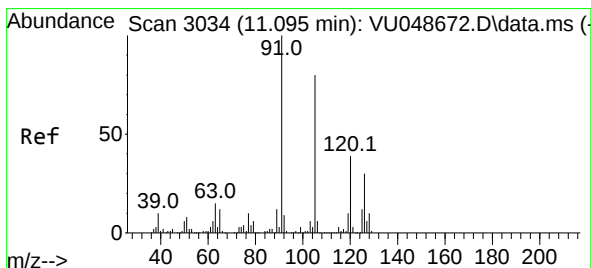
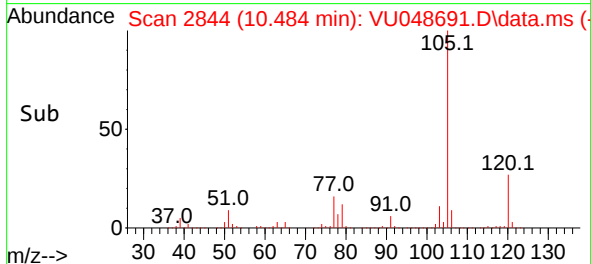
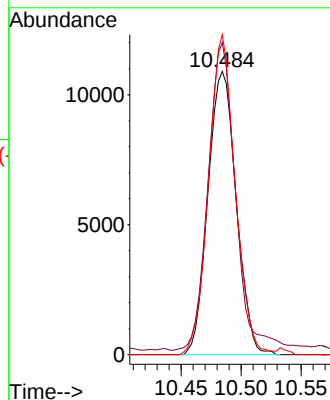
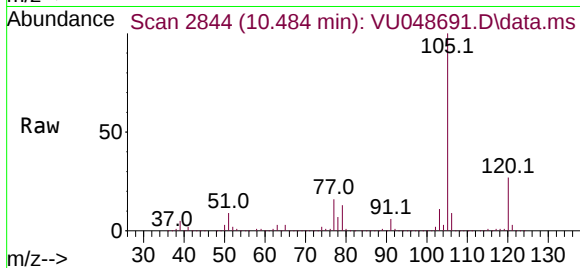




#81
trans-1,4-Dichloro-2-butene
Concen: 9.460 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.061 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

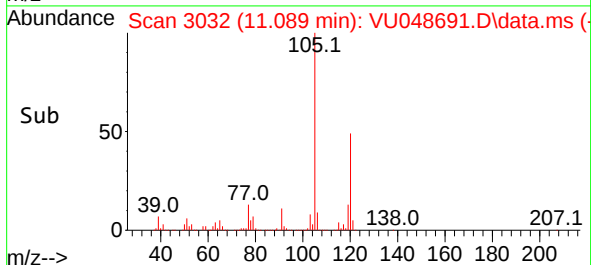
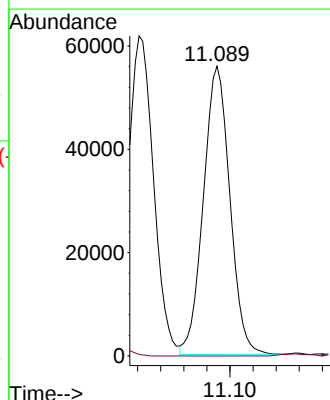
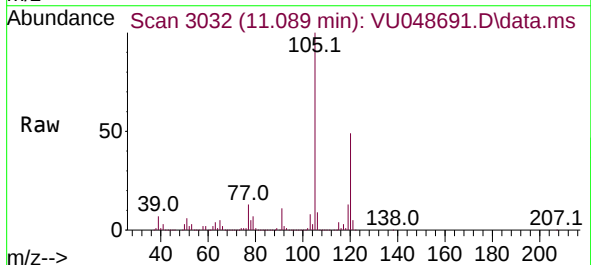
Instrument :
MSVOA_U
ClientSampleId :
MW-12

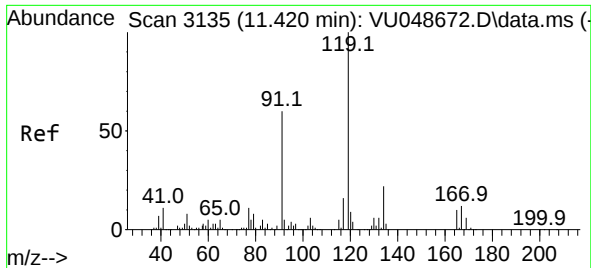
Tgt Ion: 75 Resp: 17821
Ion Ratio Lower Upper
75 100
53 106.2 72.5 108.7
89 106.4 37.0 55.4#



#82
4-Chlorotoluene
Concen: 7.565 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.007 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 91 Resp: 88588
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#

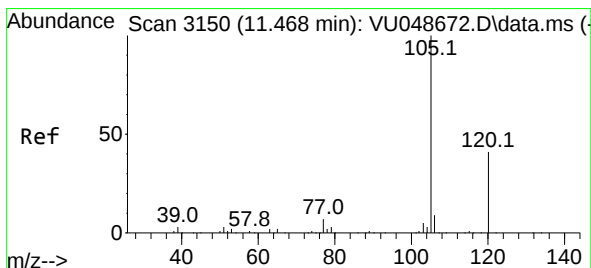
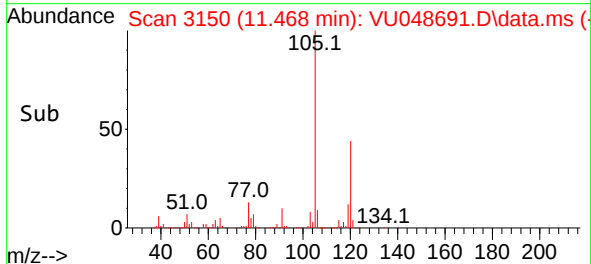
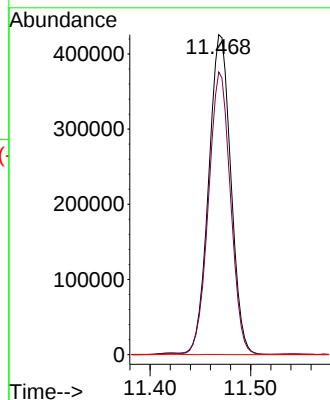
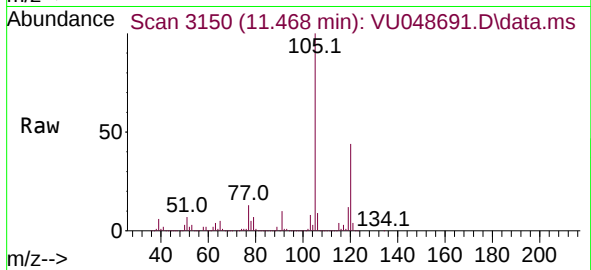




#83
tert-Butylbenzene
Concen: 56.947 ug/l
RT: 11.468 min Scan# 3135
Delta R.T. 0.048 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

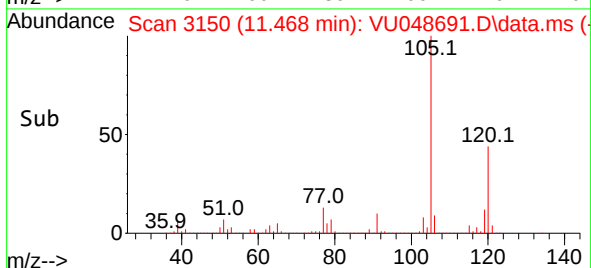
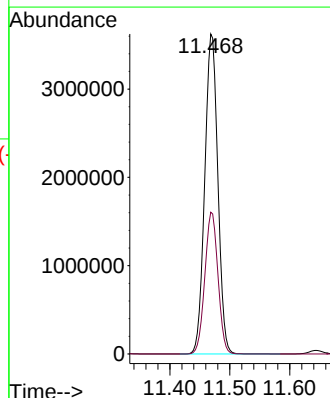
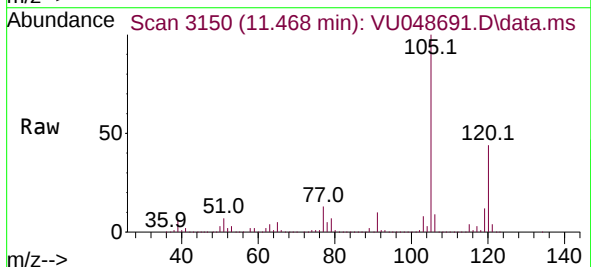
Instrument :
MSVOA_U
ClientSampleId :
MW-12

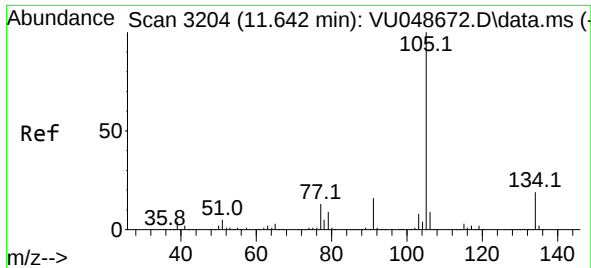
Tgt Ion:119 Resp: 650963
Ion Ratio Lower Upper
119 100
91 87.7 28.7 86.1#
134 0.0 10.8 32.4#



#84
1,2,4-Trimethylbenzene
Concen: 420.508 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion:105 Resp: 5513271
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5

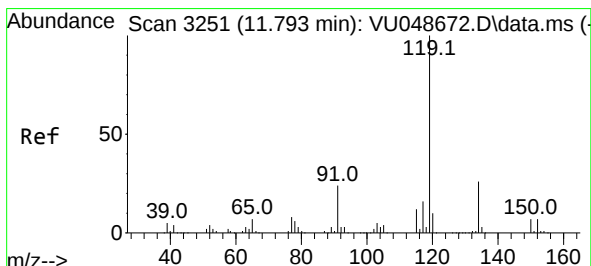
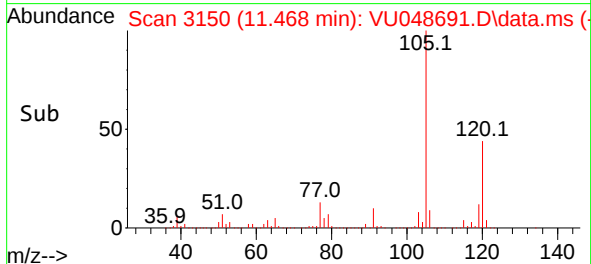
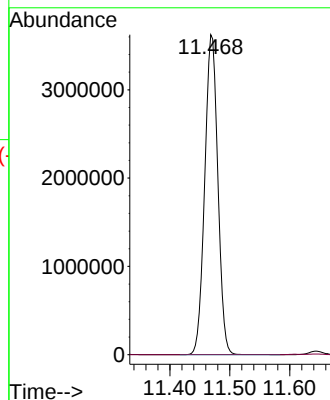
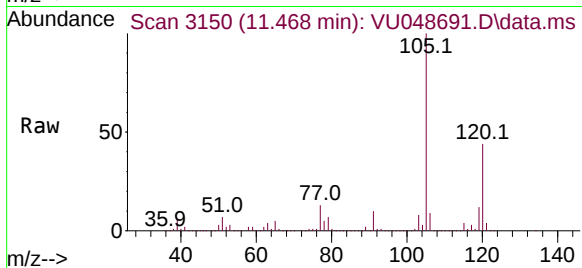




#85
 sec-Butylbenzene
 Concen: 385.525 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.174 min
 Lab File: VU048691.D
 Acq: 27 May 2022 14:17

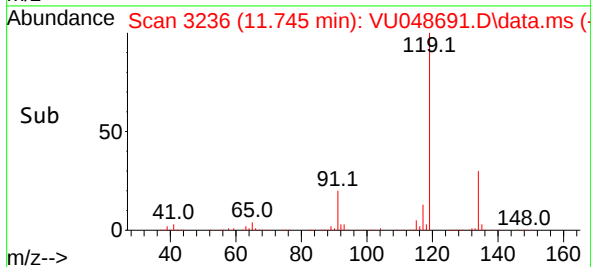
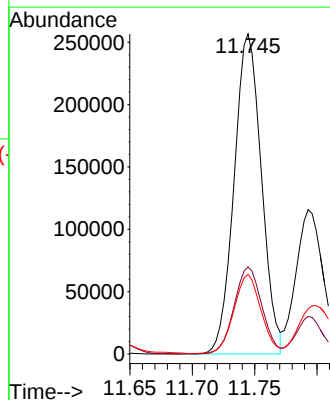
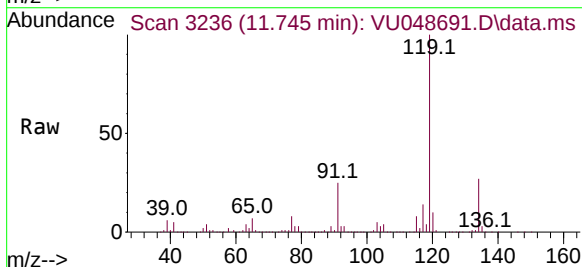
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

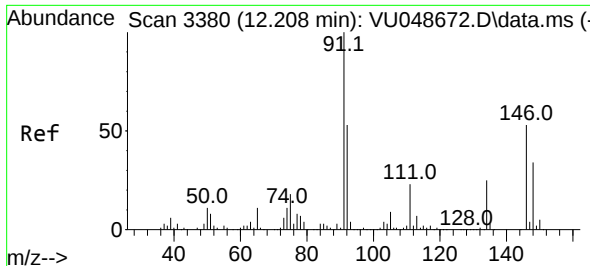
Tgt Ion:105 Resp: 5513271
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 31.806 ug/l
 RT: 11.745 min Scan# 3236
 Delta R.T. -0.048 min
 Lab File: VU048691.D
 Acq: 27 May 2022 14:17

Tgt Ion:119 Resp: 390607
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.8 38.4
 91 24.5 12.0 36.0

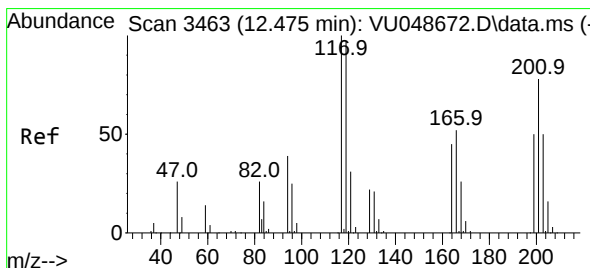
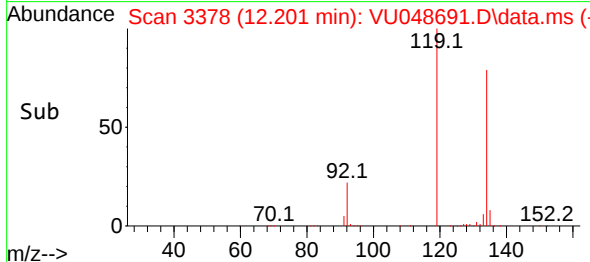
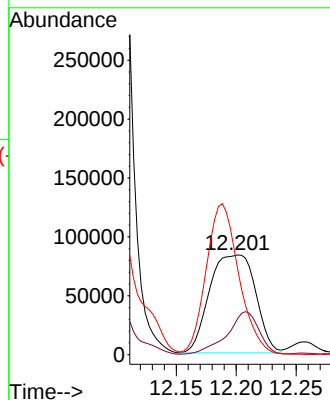
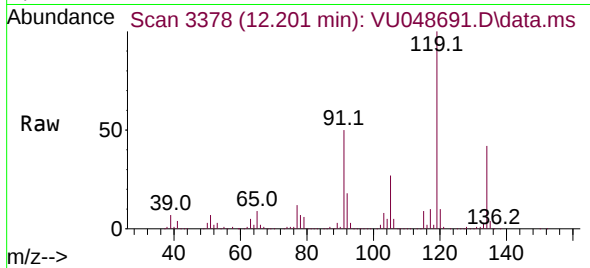




#89
n-Butylbenzene
Concen: 19.450 ug/l
RT: 12.201 min Scan# 311
Delta R.T. -0.007 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

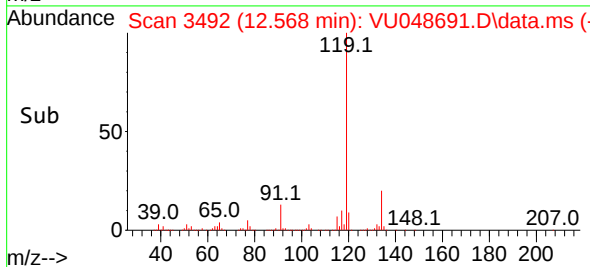
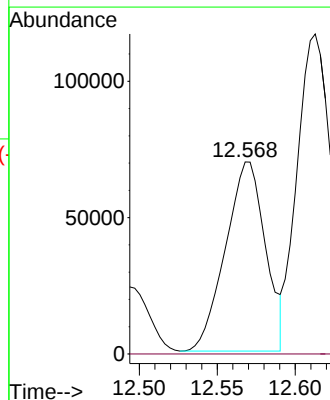
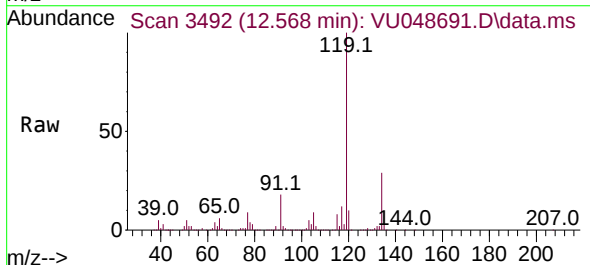
Instrument :
MSVOA_U
ClientSampleId :
MW-12

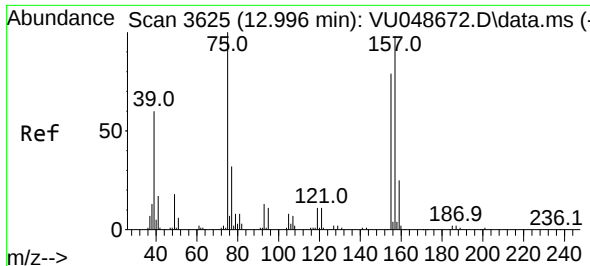
Tgt Ion: 91 Resp: 221928
Ion Ratio Lower Upper
91 100
92 30.1 25.9 77.8
134 109.9 12.5 37.5#



#90
Hexachloroethane
Concen: 49.484 ug/l
RT: 12.568 min Scan# 3492
Delta R.T. 0.093 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 117 Resp: 124024
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#

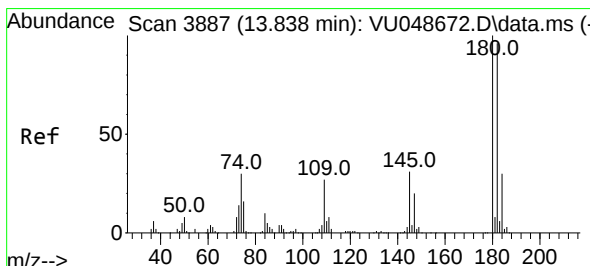
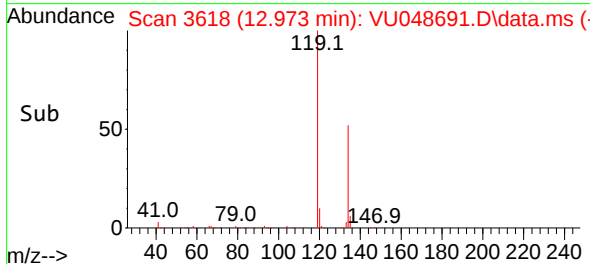
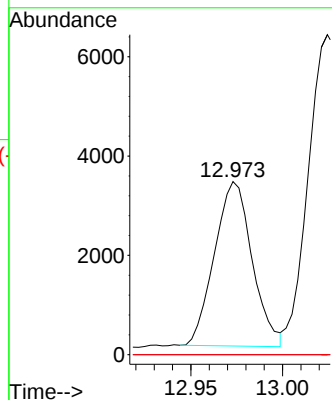
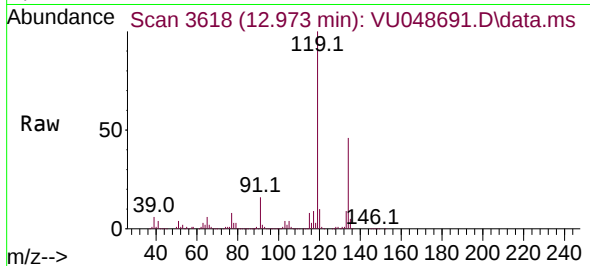




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.940 ug/l
 RT: 12.973 min Scan# 3618
 Delta R.T. -0.023 min
 Lab File: VU048691.D
 Acq: 27 May 2022 14:17

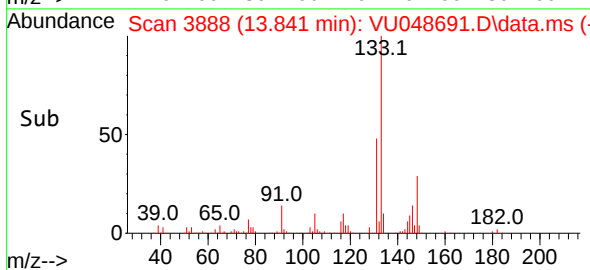
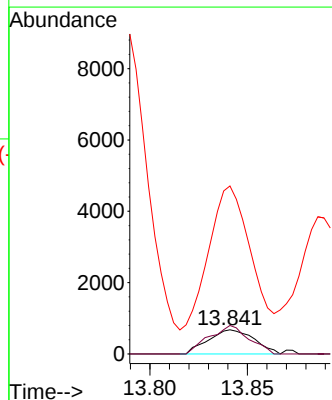
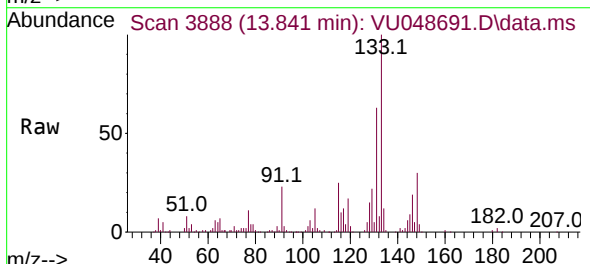
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

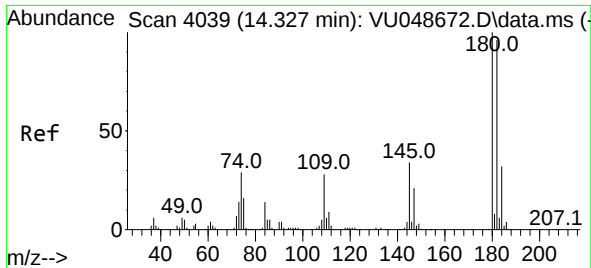
Tgt Ion: 75 Resp: 4731
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.3 120.8#
 157 0.0 50.0 150.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.232 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048691.D
 Acq: 27 May 2022 14:17

Tgt Ion: 180 Resp: 1109
 Ion Ratio Lower Upper
 180 100
 182 101.9 48.3 144.9
 145 528.9 15.6 46.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.249 ug/l
 RT: 14.327 min Scan# 4039
 Delta R.T. -0.000 min
 Lab File: VU048691.D
 Acq: 27 May 2022 14:17

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Tgt Ion:180 Resp: 1178
 Ion Ratio Lower Upper
 180 100
 182 83.7 47.4 142.2
 145 0.0 16.6 49.8#

