

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048736.D
 Acq On : 31 May 2022 13:35
 Operator : SY/MD
 Sample : N3056-02DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

Quant Time: Jun 01 02:15:52 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	205486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	360660	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	348796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	180713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	55644	18.031	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	36.060%#
35) Dibromofluoromethane	5.292	113	39682	15.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	30.840%#
50) Toluene-d8	7.899	98	89480	9.701	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	19.400%#
62) 4-Bromofluorobenzene	10.636	95	36424	10.442	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	20.880%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.536	50	1067	0.352	ug/l #	43
5) Bromomethane	1.858	94	281	Below Cal	#	3
6) Chloroethane	1.935	64	1154	Below Cal	#	43
10) Methyl Iodide	2.723	142	122	3.040	ug/l #	37
11) Tert butyl alcohol	3.186	59	7189	9.189	ug/l #	28
13) Acrolein	2.491	56	217	Below Cal	#	36
15) Acrylonitrile	3.337	53	757	0.446	ug/l #	49
16) Acetone	2.626	43	3926	2.496	ug/l #	87
17) Carbon Disulfide	2.793	76	3224	0.528	ug/l	96
20) Methylene Chloride	3.044	84	782	0.292	ug/l #	74
25) 2-Butanone	4.723	43	1565	0.693	ug/l	92
29) Tetrahydrofuran	5.067	42	720	0.506	ug/l #	63
31) Cyclohexane	5.372	56	4962	1.276	ug/l #	9
36) 1,1-Dichloropropene	5.375	75	16297	4.340	ug/l #	49
38) Carbon Tetrachloride	5.375	117	21353	4.956	ug/l #	17
39) Methylcyclohexane	6.768	83	1440	0.366	ug/l	98
40) Benzene	5.774	78	3332	0.301	ug/l	93
49) 1,4-Dioxane	6.970	88	1382	19.986	ug/l #	90
51) 4-Methyl-2-Pentanone	7.793	43	4734	1.058	ug/l	90
56) Ethyl methacrylate	8.337	69	466	2.709	ug/l #	73
59) 2-Hexanone	8.687	43	5330	1.451	ug/l	91
64) Tetrachloroethene	8.558	164	490	Below Cal	#	72
67) Ethyl Benzene	9.571	91	68267	5.487	ug/l	97
68) m/p-Xylenes	9.697	106	4255	0.874	ug/l	99
69) o-Xylene	10.102	106	4750	0.994	ug/l	89
70) Styrene	10.124	104	2501	0.318	ug/l #	83
73) Isopropylbenzene	10.488	105	16247	1.393	ug/l	95
74) N-amyl acetate	10.327	43	2408	2.854	ug/l #	80
77) Bromobenzene	10.780	156	662	0.211	ug/l	76
78) n-propylbenzene	10.909	91	20022	1.440	ug/l	93
79) 2-Chlorotoluene	10.989	91	1979	0.229	ug/l	78
80) 1,3,5-Trimethylbenzene	11.089	105	11525	1.136	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.636	75	17720	11.042	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.468	105	90585	9.275	ug/l	99
85) sec-Butylbenzene	11.645	105	4062	0.333	ug/l	99
86) p-Isopropyltoluene	11.742	119	4953	0.473	ug/l	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048736.D
 Acq On : 31 May 2022 13:35
 Operator : SY/MD
 Sample : N3056-02DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

Quant Time: Jun 01 02:15:52 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)

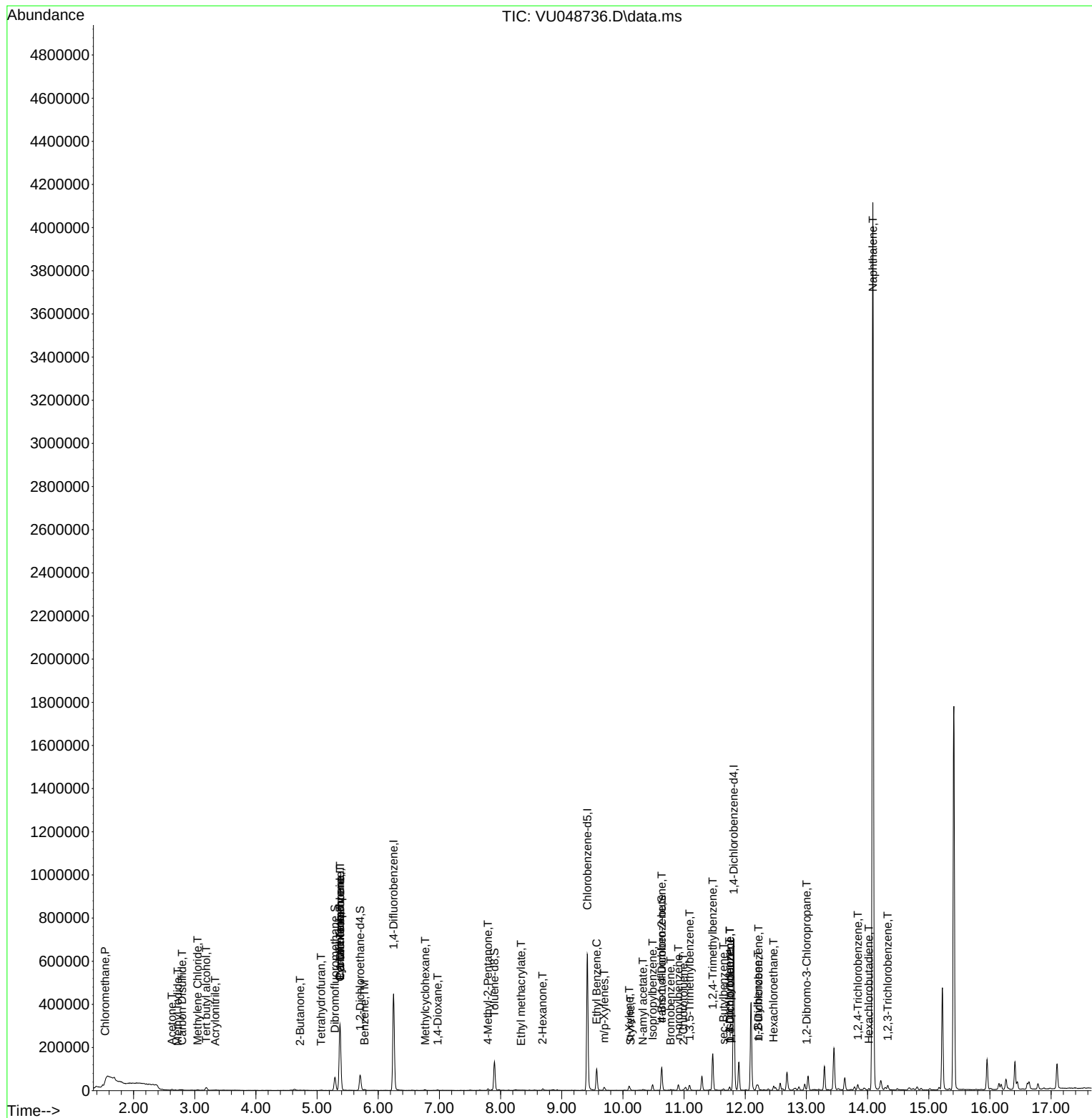
87) 1,3-Dichlorobenzene	11.751	146	1793	0.292	ug/l	94
88) 1,4-Dichlorobenzene	11.751	146	1793	0.283	ug/l	94
89) n-Butylbenzene	12.208	91	10722	3.165	ug/l #	75
90) Hexachloroethane	12.462	117	1390	0.651	ug/l #	11
91) 1,2-Dichlorobenzene	12.214	146	2349	0.379	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	763	0.557	ug/l	58
93) 1,2,4-Trichlorobenzene	13.841	180	5349	1.313	ug/l	93
94) Hexachlorobutadiene	14.021	225	1047	0.536	ug/l	95
95) Naphthalene	14.086	128	3131230	211.511	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	6760	1.676	ug/l	98

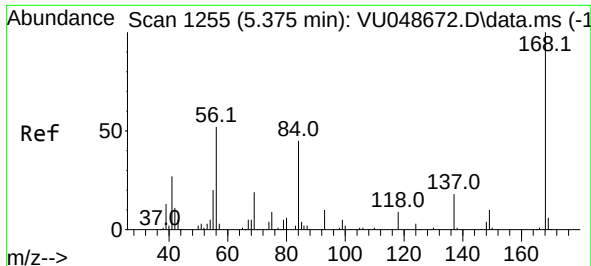
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048736.D
Acq On : 31 May 2022 13:35
Operator : SY/MD
Sample : N3056-02DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

Quant Time: Jun 01 02:15:52 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

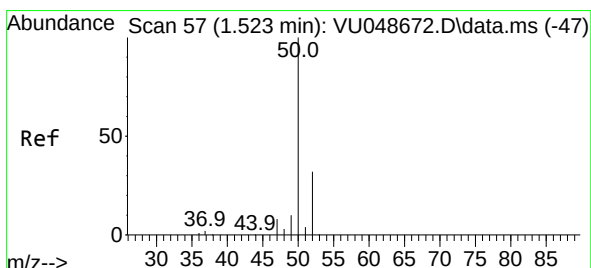
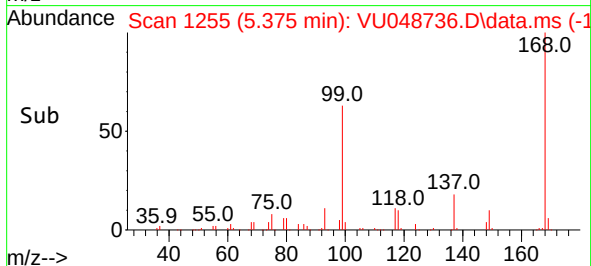
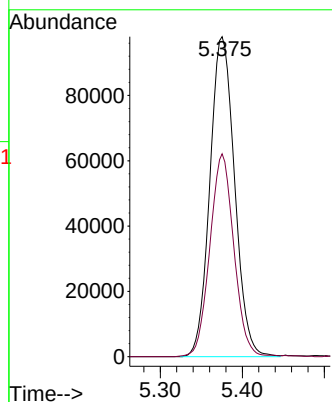
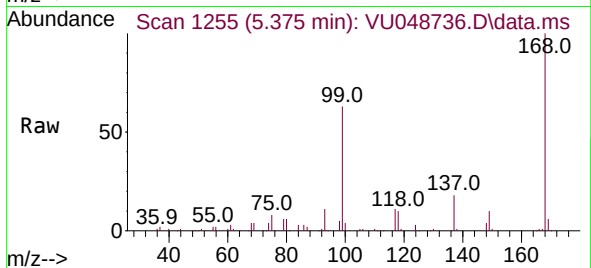




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

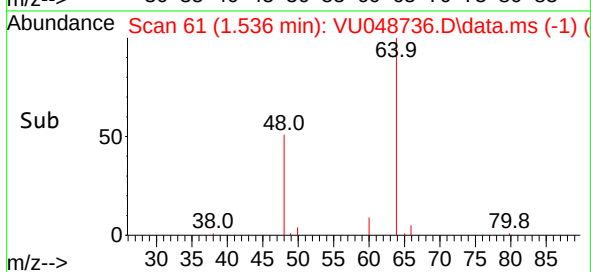
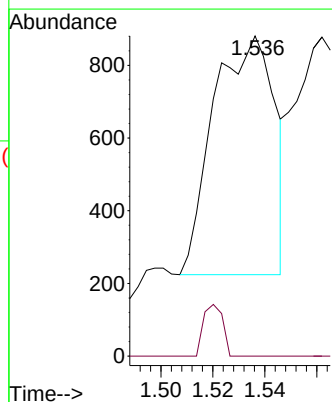
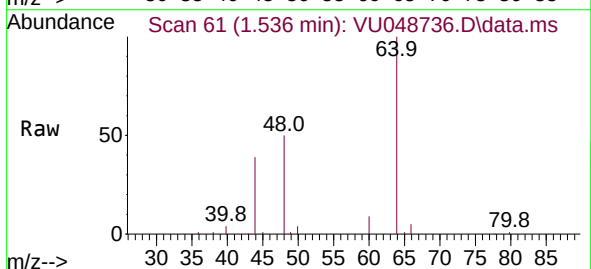
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

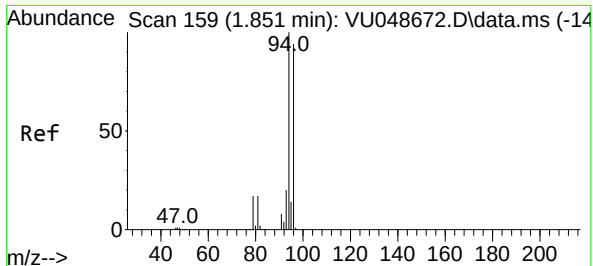
Tgt Ion:168 Resp: 205486
Ion Ratio Lower Upper
168 100
99 63.2 49.3 73.9



#3
Chloromethane
Concen: 0.352 ug/l
RT: 1.536 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 50 Resp: 1067
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

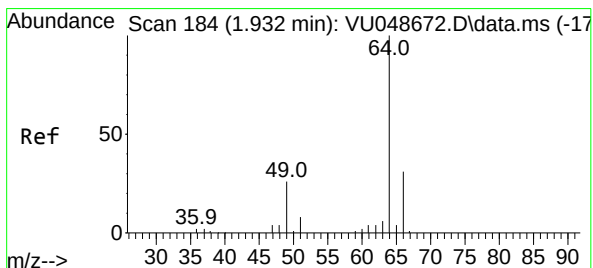
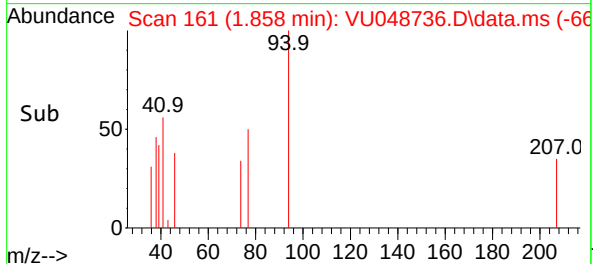
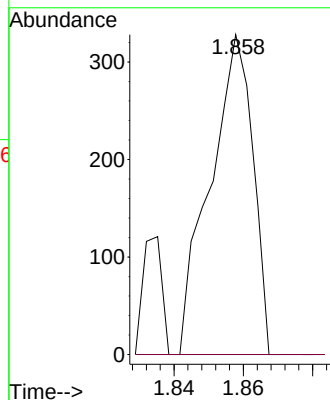
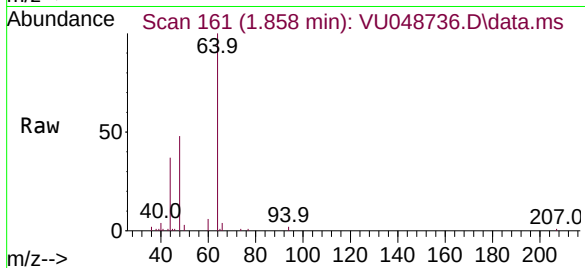




#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

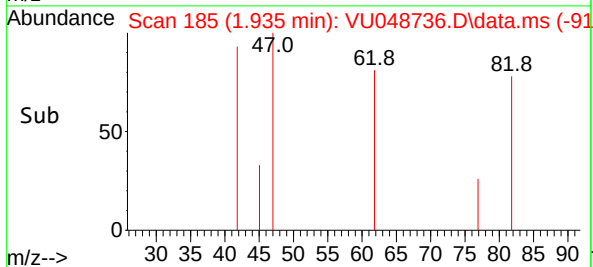
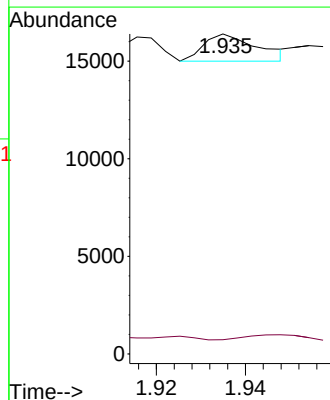
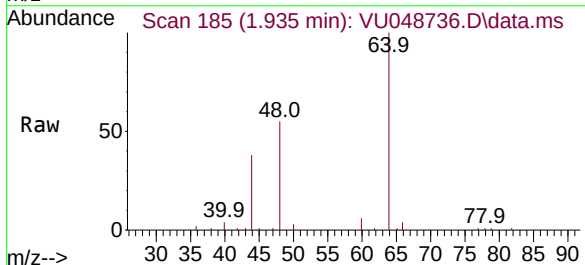
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

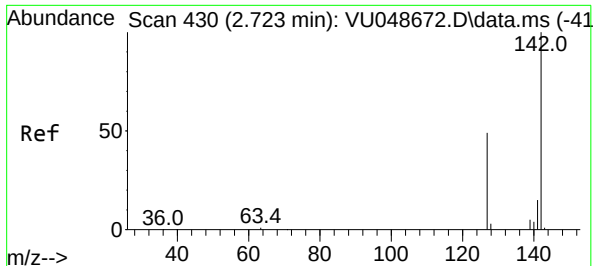
Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 64 Resp: 1154
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

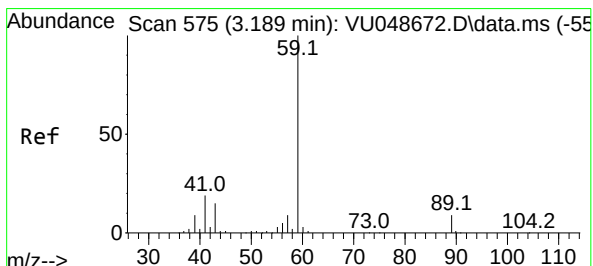
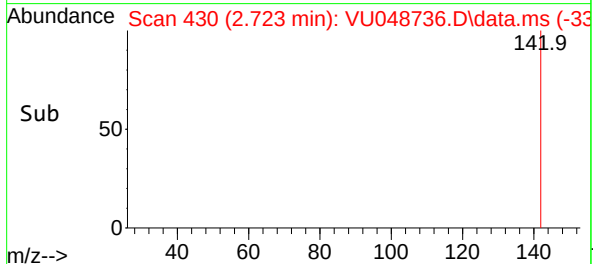
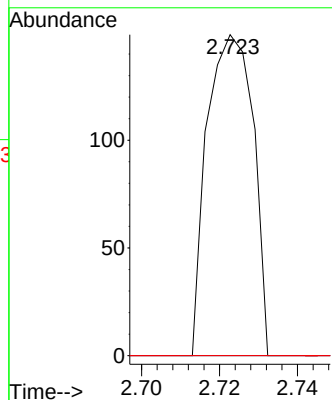
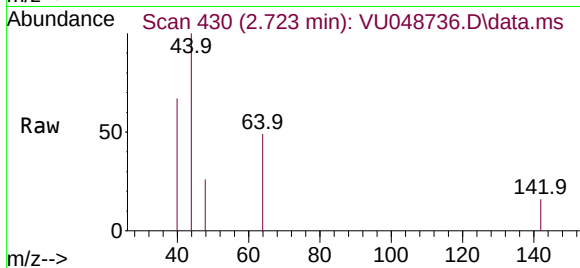




#10
Methyl Iodide
Concen: 3.040 ug/l
RT: 2.723 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

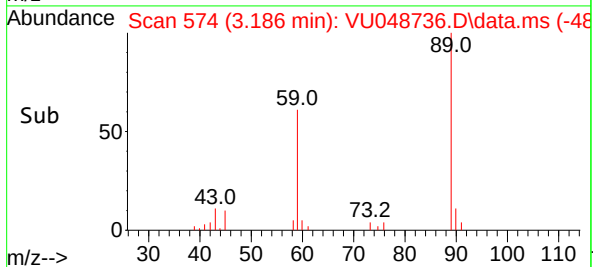
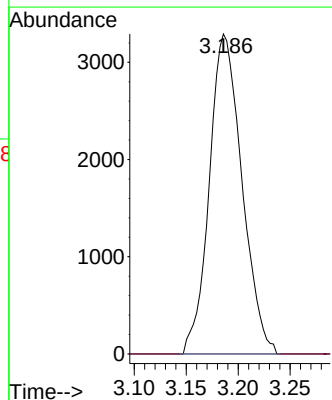
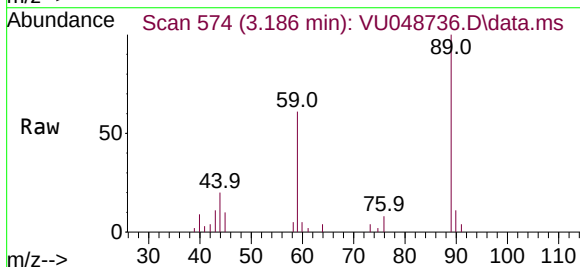
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

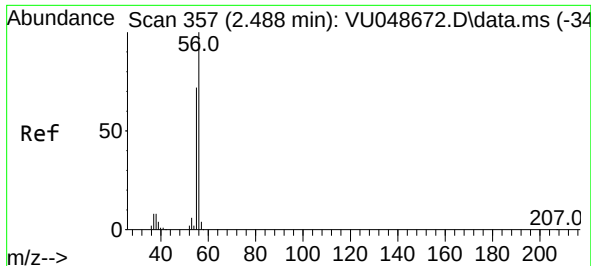
Tgt Ion:142 Resp: 122
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 9.189 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 59 Resp: 7189
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

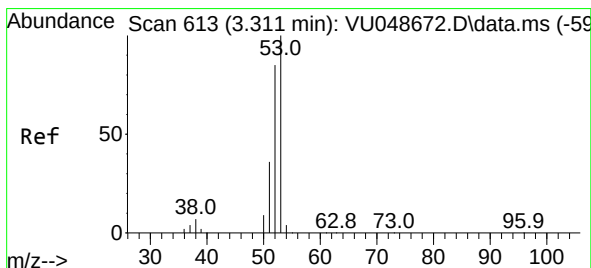
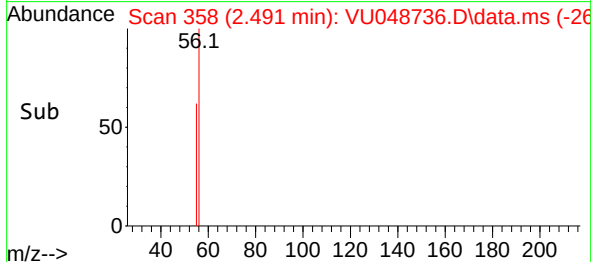
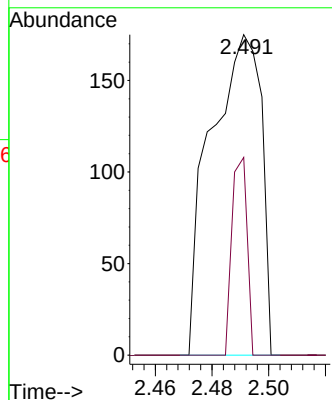
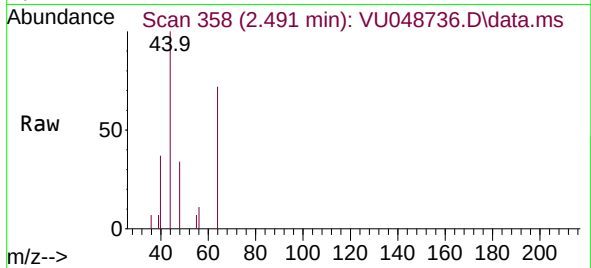




#13
Acrolein
Concen: Below Cal
RT: 2.491 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

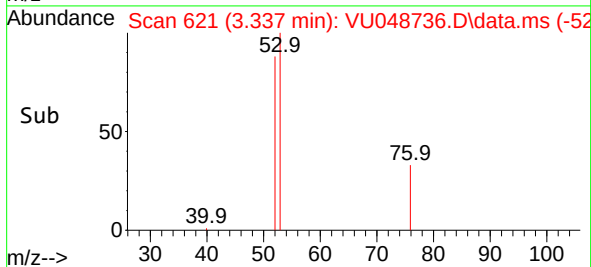
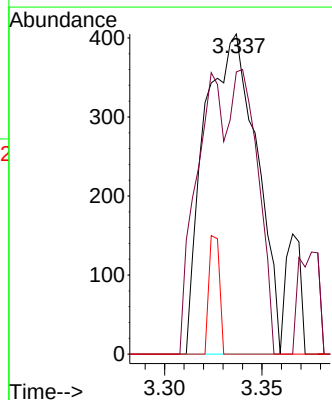
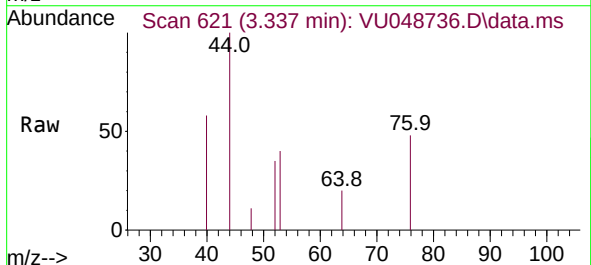
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

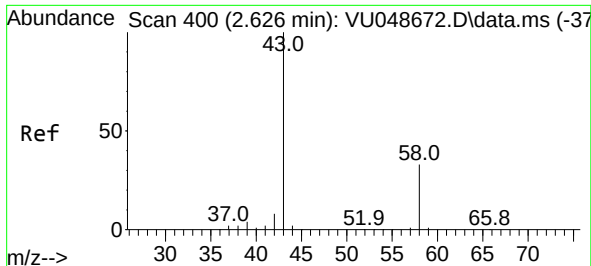
Tgt Ion: 56 Resp: 217
Ion Ratio Lower Upper
56 100
55 18.4 57.7 86.5#



#15
Acrylonitrile
Concen: 0.446 ug/l
RT: 3.337 min Scan# 621
Delta R.T. 0.026 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 53 Resp: 757
Ion Ratio Lower Upper
53 100
52 41.3 66.3 99.5#
51 0.0 28.6 42.8#





#16

Acetone

Concen: 2.496 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

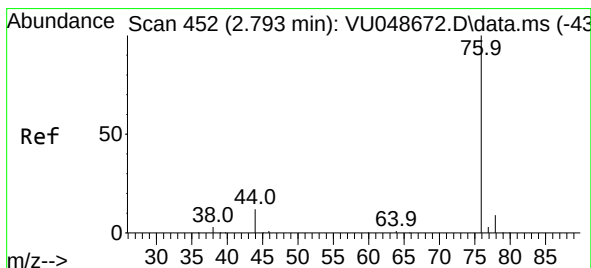
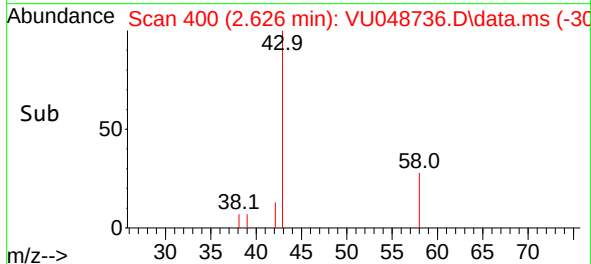
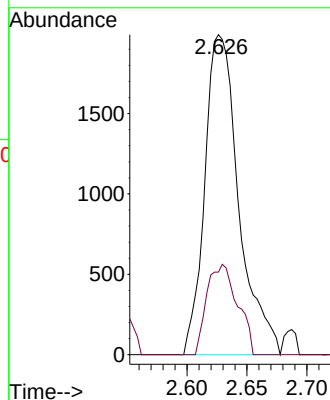
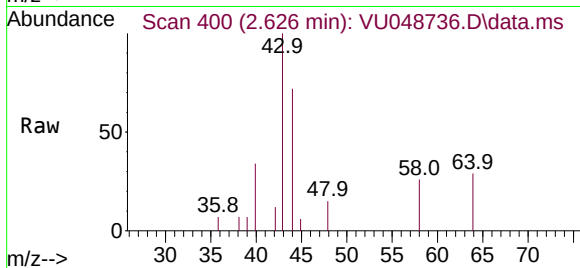
MW-12DL

Tgt Ion: 43 Resp: 3926

Ion Ratio Lower Upper

43 100

58 25.8 26.3 39.5#



#17

Carbon Disulfide

Concen: 0.528 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU048736.D

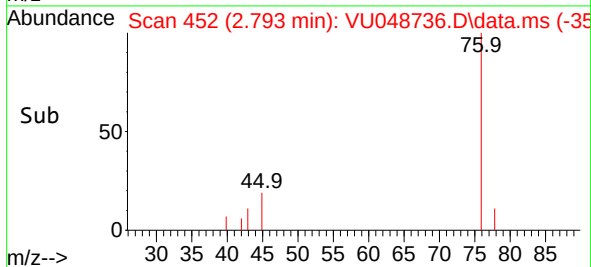
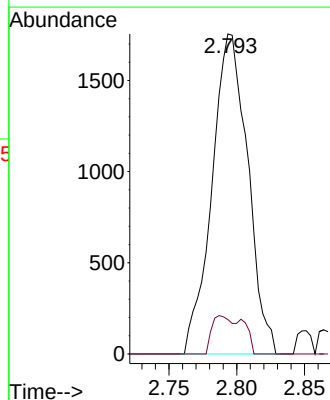
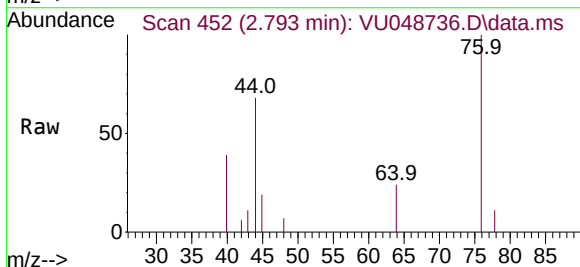
Acq: 31 May 2022 13:35

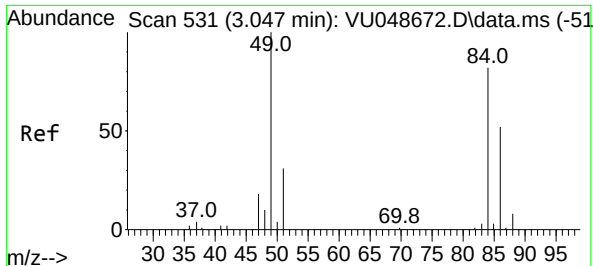
Tgt Ion: 76 Resp: 3224

Ion Ratio Lower Upper

76 100

78 10.7 7.3 10.9

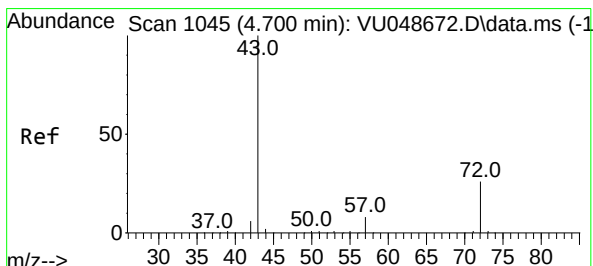
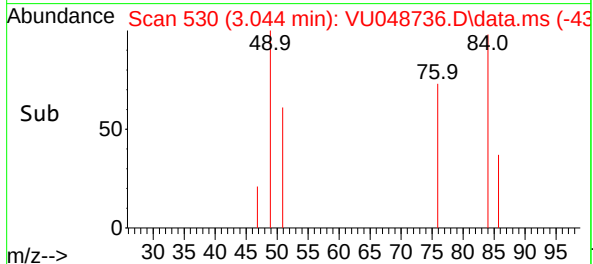
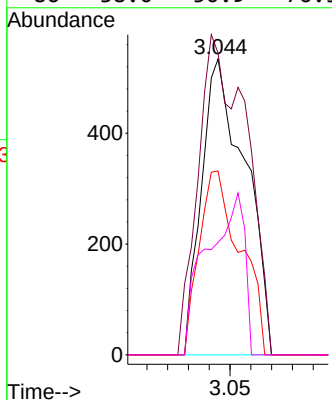
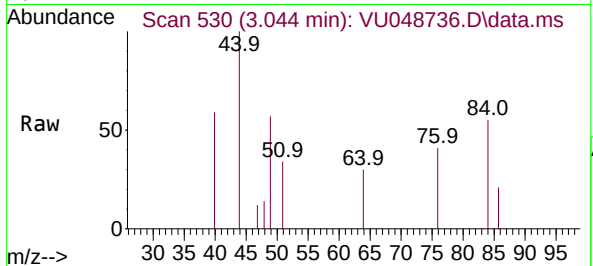




#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

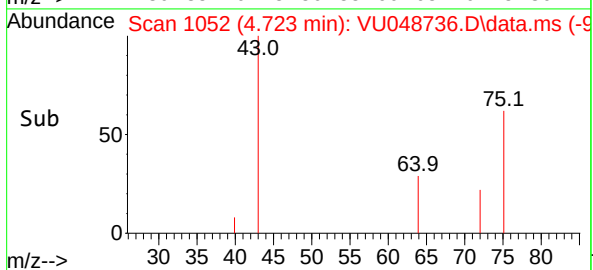
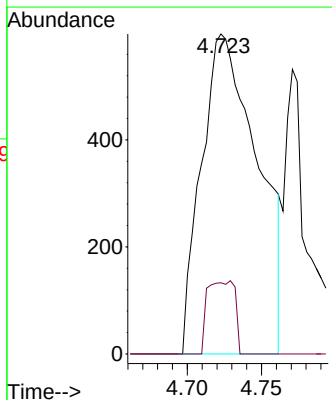
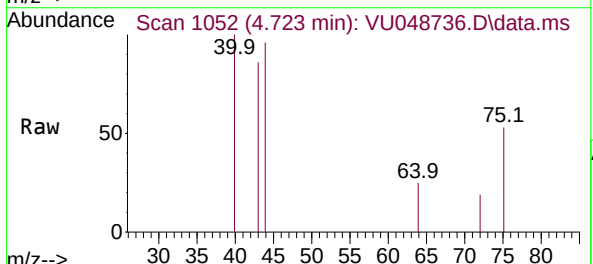
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

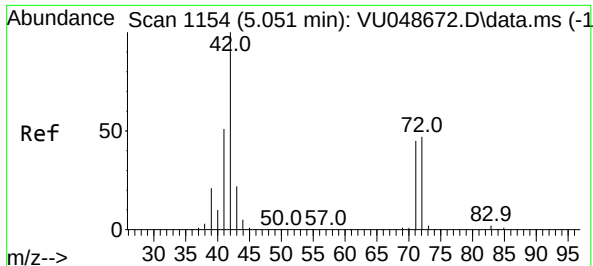
Tgt Ion: 84	Resp: 782
Ion Ratio	Lower Upper
84 100	
49 102.1	97.0 145.4
51 62.2	29.8 44.8#
86 38.0	50.9 76.3#



#25
2-Butanone
Concen: 0.693 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.023 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 43	Resp: 1565		
Ion Ratio	Lower	Upper	
43 100			
72 22.2	21.1	31.7	

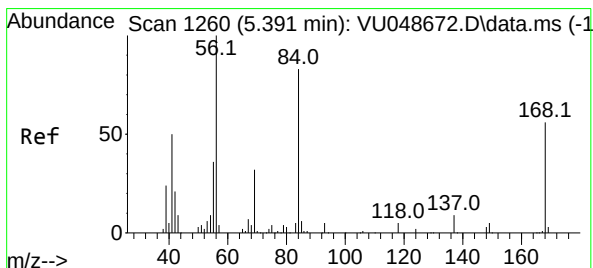
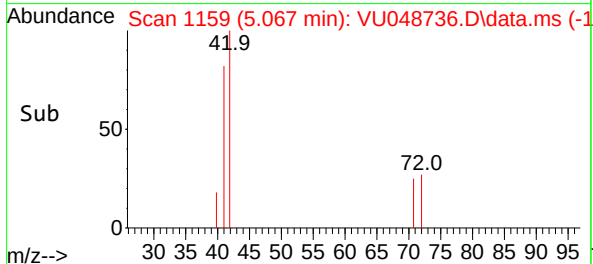
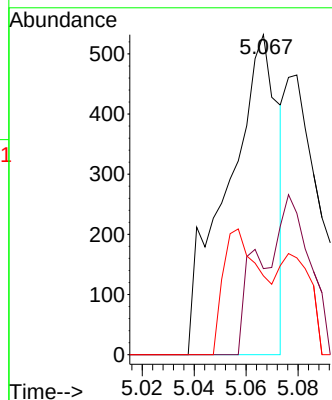
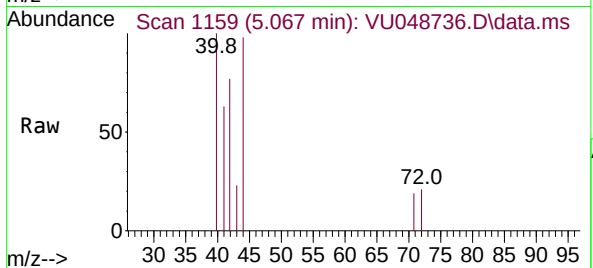




#29
Tetrahydrofuran
Concen: 0.506 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.016 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

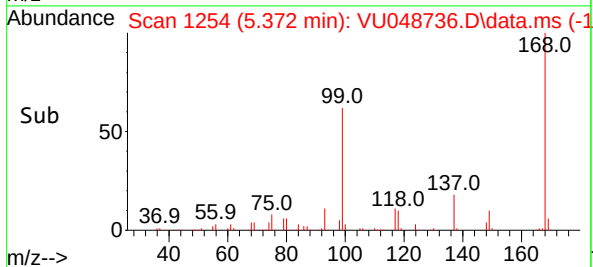
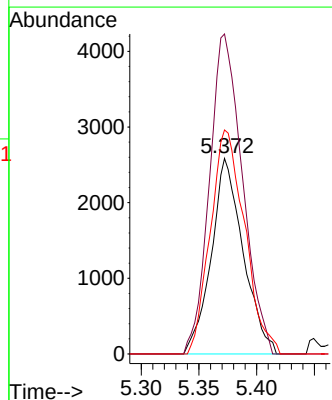
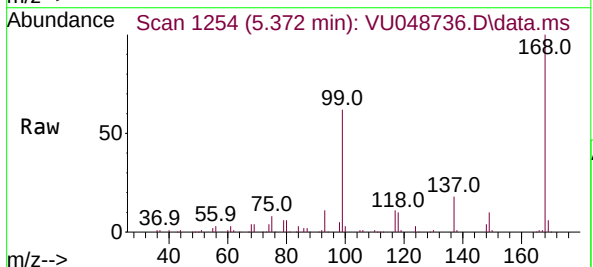
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

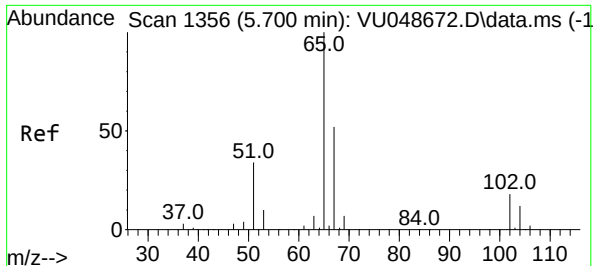
Tgt Ion: 42 Resp: 720
Ion Ratio Lower Upper
42 100
72 12.9 37.6 56.4#
71 29.4 35.0 52.4#



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 56 Resp: 4962
Ion Ratio Lower Upper
56 100
69 163.6 25.6 38.4#
84 114.5 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 18.031 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

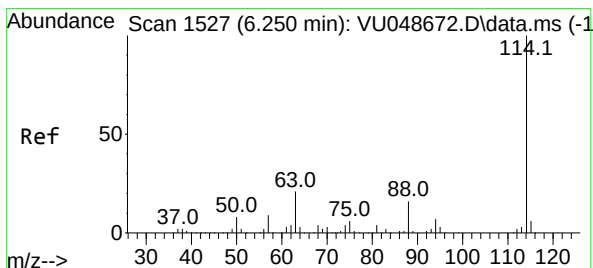
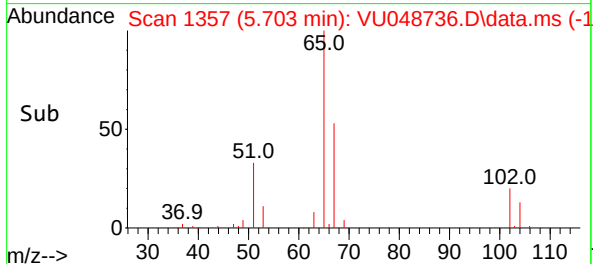
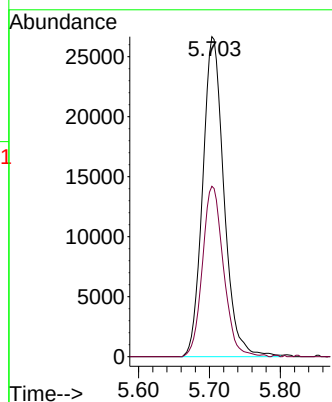
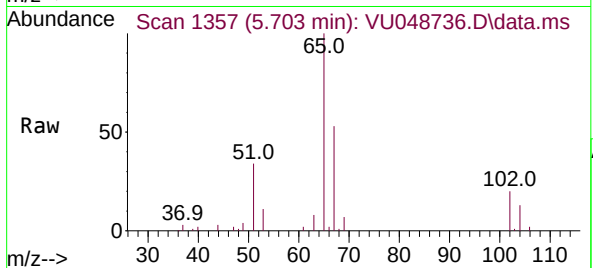
MW-12DL

Tgt Ion: 65 Resp: 55644

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

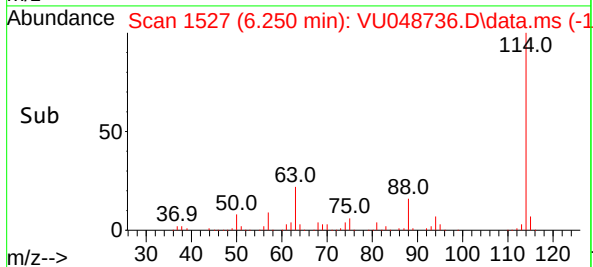
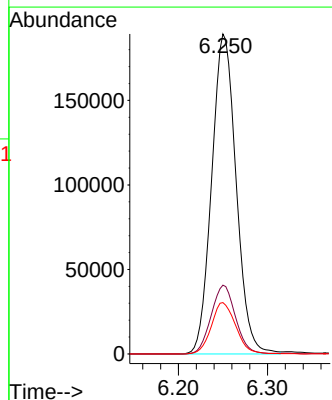
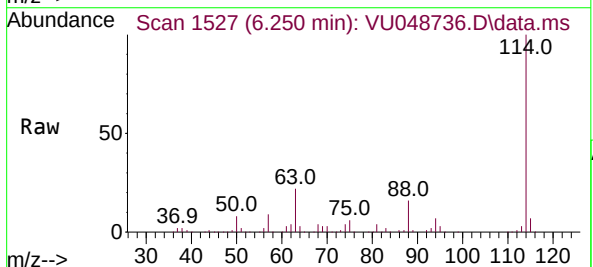
Tgt Ion: 114 Resp: 360660

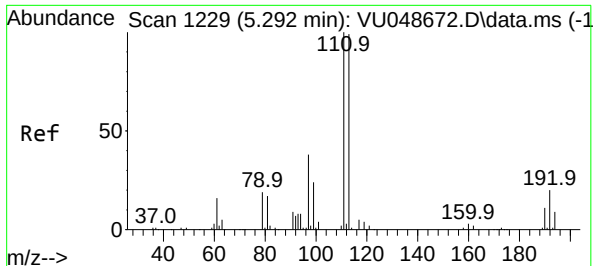
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 16.1 0.0 32.2

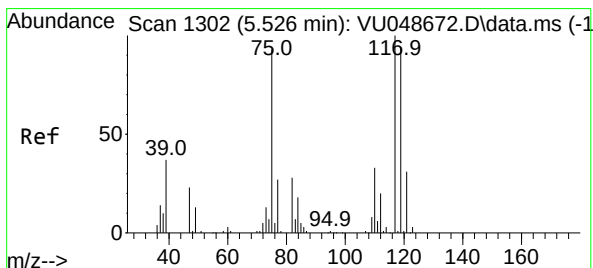
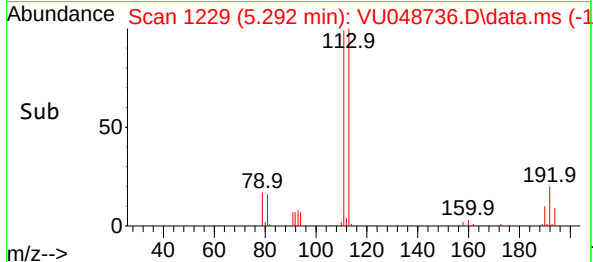
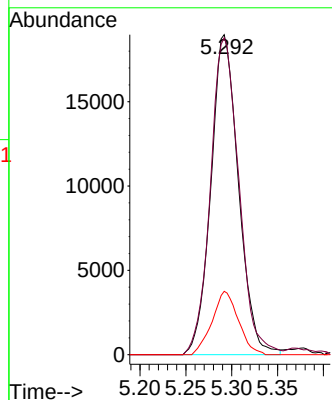
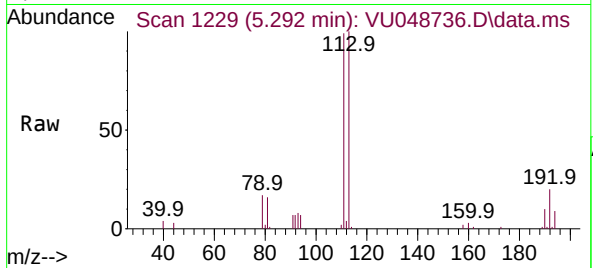




#35
Dibromofluoromethane
Concen: 15.422 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

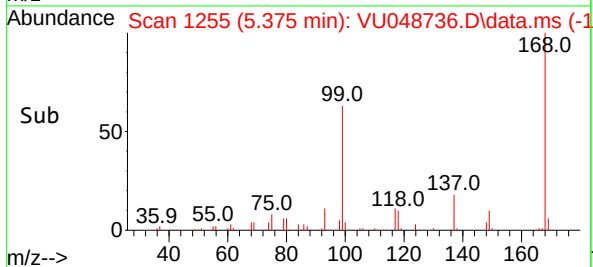
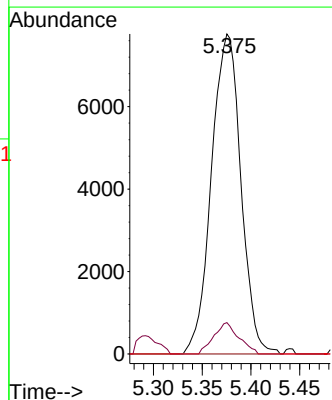
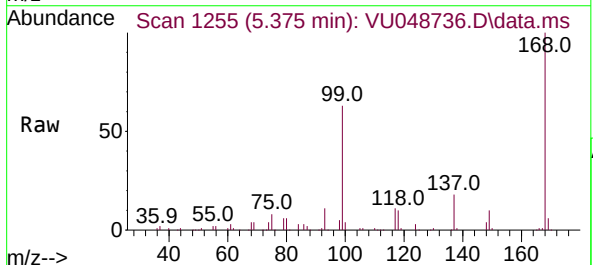
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

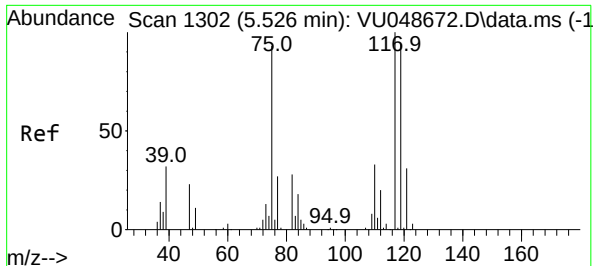
Tgt Ion:113 Resp: 39682
Ion Ratio Lower Upper
113 100
111 102.2 80.7 121.1
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.340 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

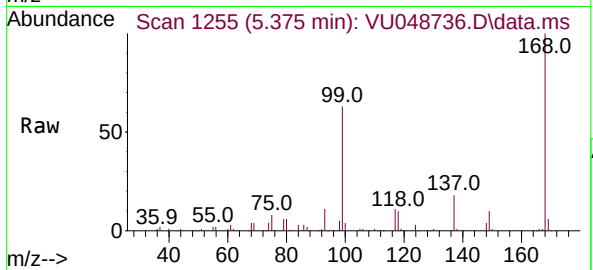
Tgt Ion: 75 Resp: 16297
Ion Ratio Lower Upper
75 100
110 8.3 17.4 52.3#
77 0.0 24.8 37.2#



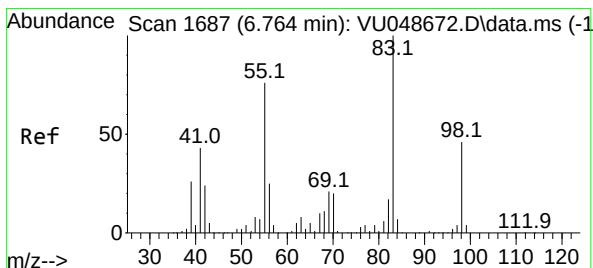
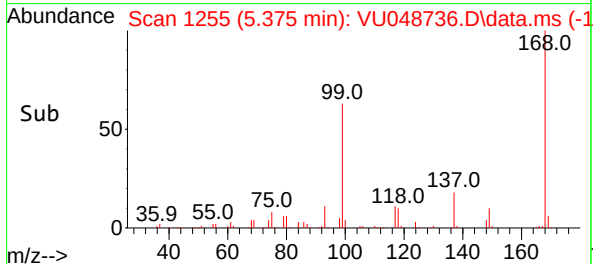
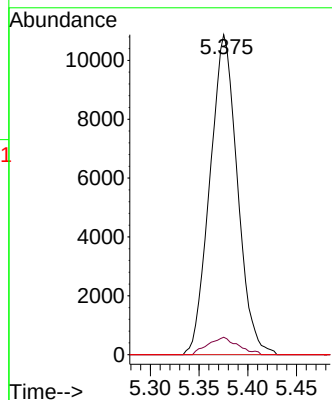


#38
Carbon Tetrachloride
Concen: 4.956 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

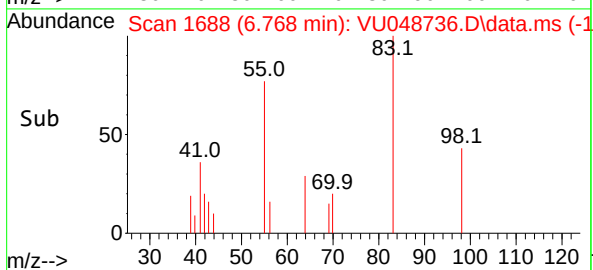
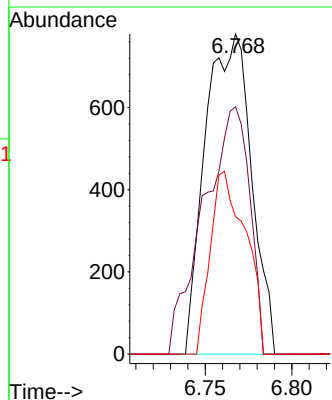
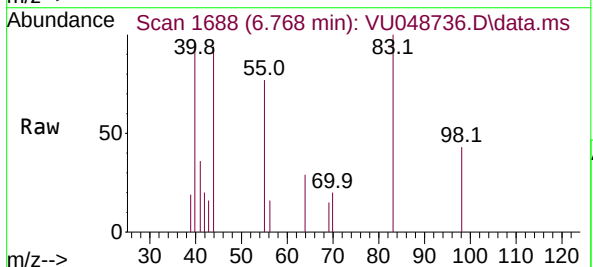


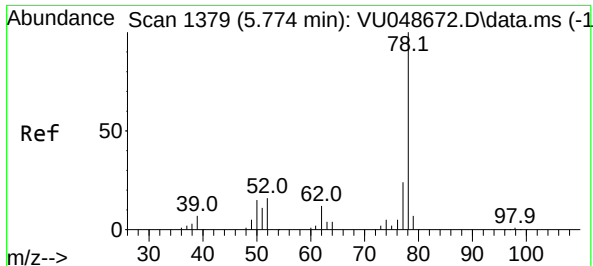
Tgt Ion:117 Resp: 21353
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 0.366 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 83 Resp: 1440
Ion Ratio Lower Upper
83 100
55 77.3 61.0 91.6
98 42.9 36.8 55.2

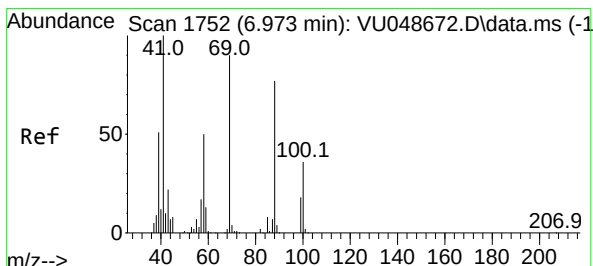
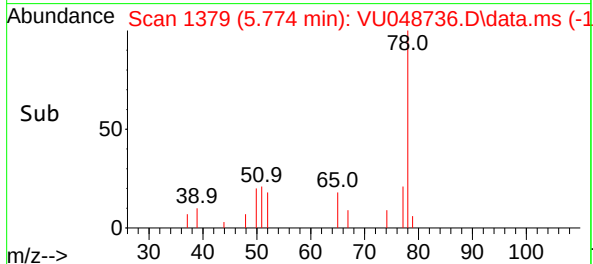
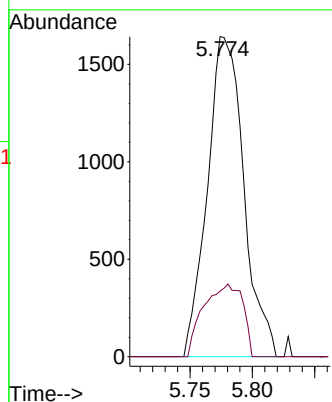
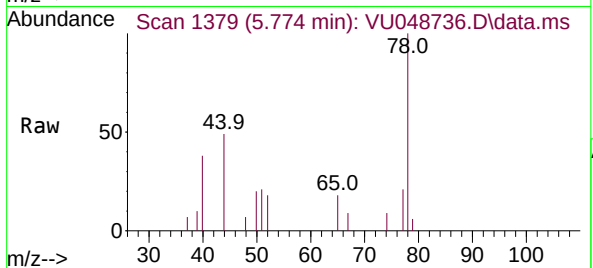




#40
Benzene
Concen: 0.301 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

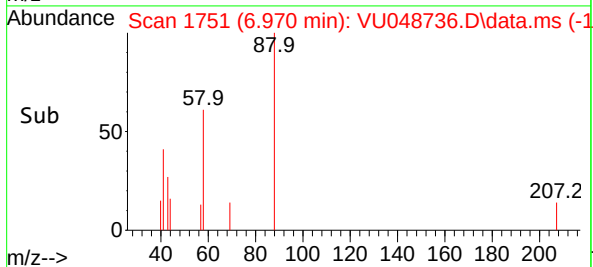
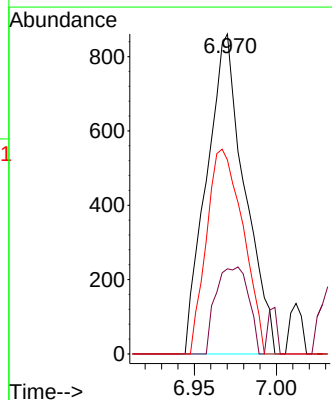
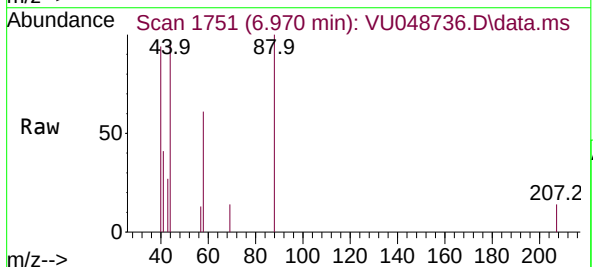
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

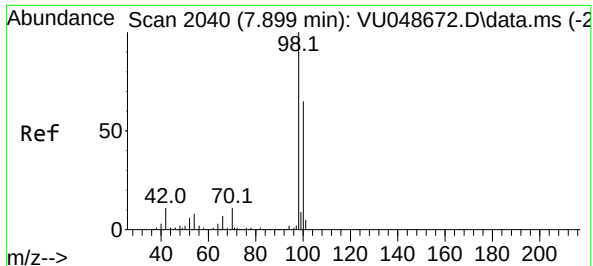
Tgt Ion: 78 Resp: 3332
Ion Ratio Lower Upper
78 100
77 20.5 19.0 28.6



#49
1,4-Dioxane
Concen: 19.986 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. -0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 88 Resp: 1382
Ion Ratio Lower Upper
88 100
43 23.4 24.6 36.8#
58 61.6 54.7 82.1

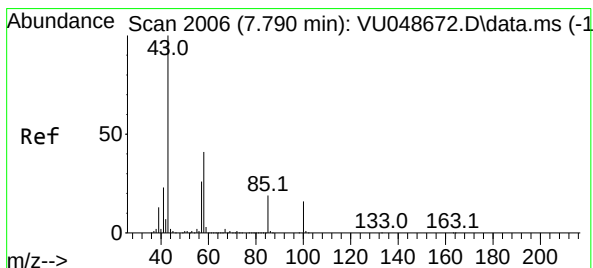
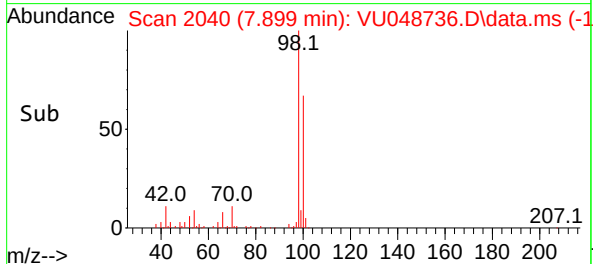
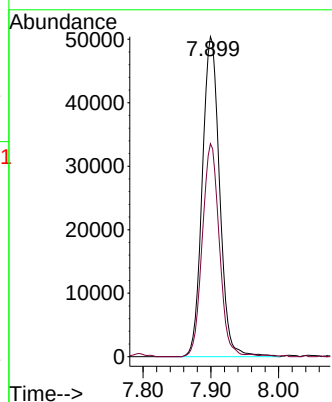
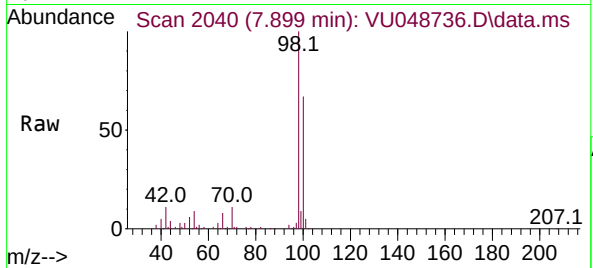




#50
Toluene-d8
Concen: 9.701 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

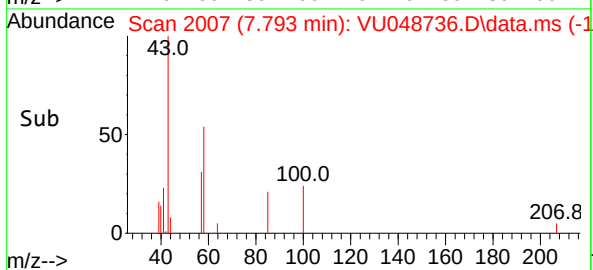
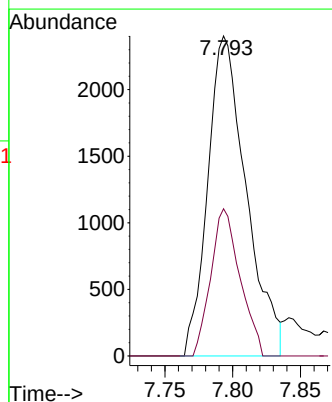
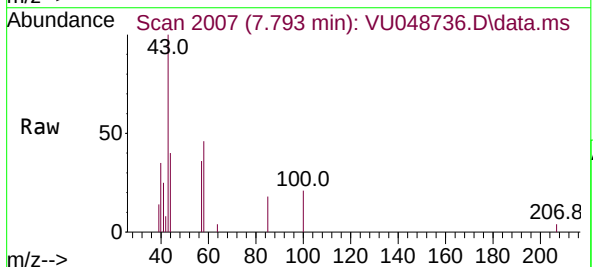
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

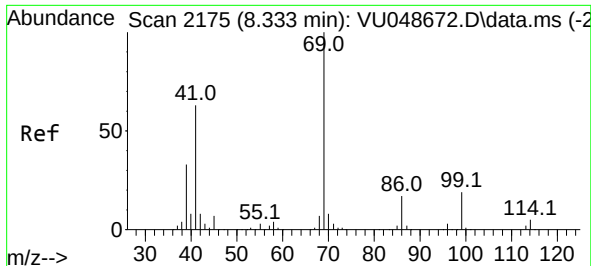
Tgt Ion: 98 Resp: 89480
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.058 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 43 Resp: 4734
Ion Ratio Lower Upper
43 100
58 35.0 32.7 49.1

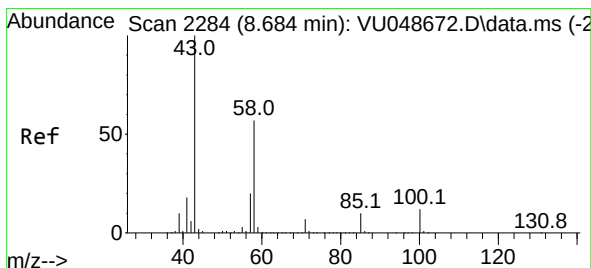
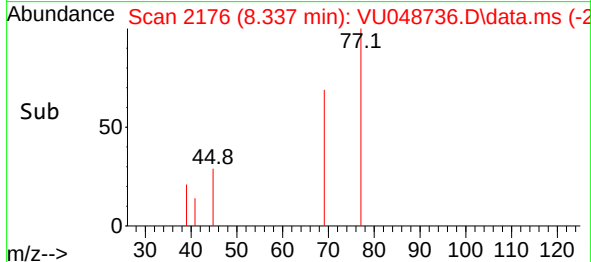
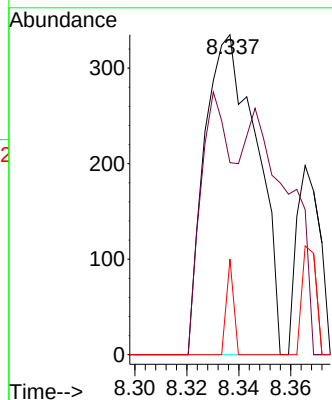
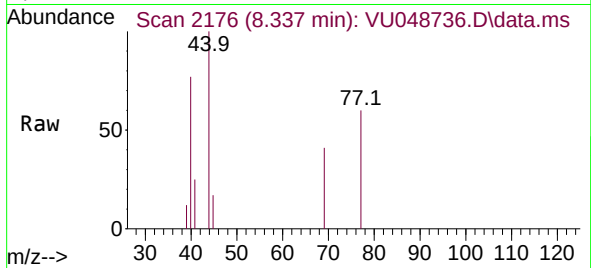




#56
Ethyl methacrylate
Concen: 2.709 ug/l
RT: 8.337 min Scan# 2175
Delta R.T. 0.004 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

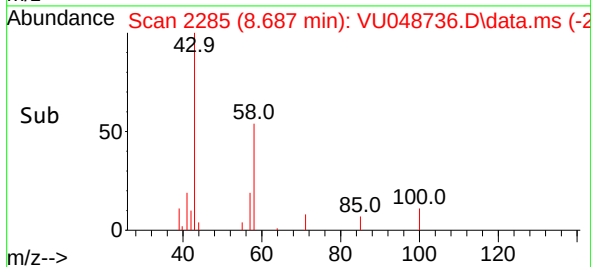
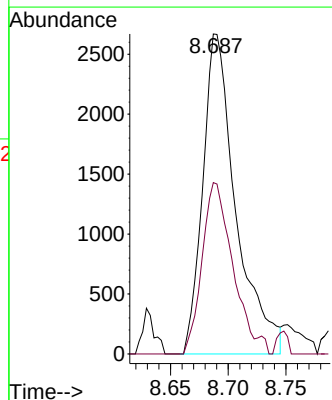
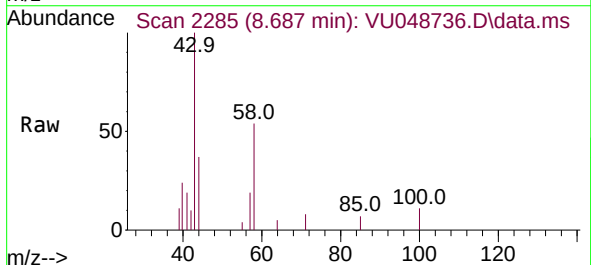
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

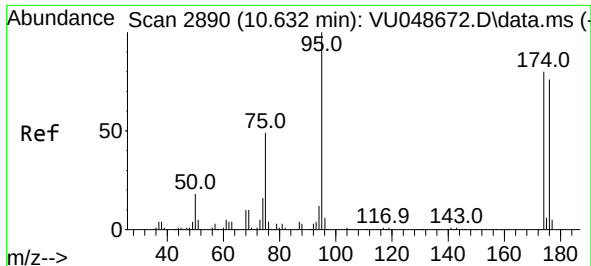
Tgt Ion: 69 Resp: 466
Ion Ratio Lower Upper
69 100
41 52.6 50.6 76.0
39 4.1 26.6 40.0#



#59
2-Hexanone
Concen: 1.451 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 43 Resp: 5330
Ion Ratio Lower Upper
43 100
58 49.9 28.2 84.6

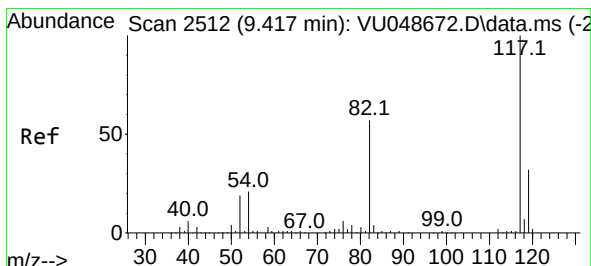
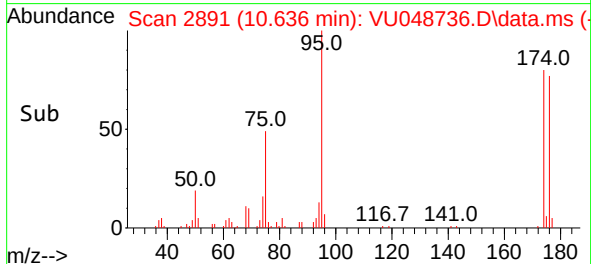
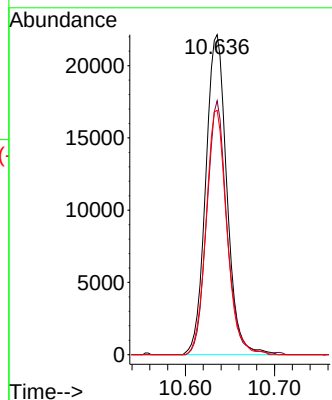
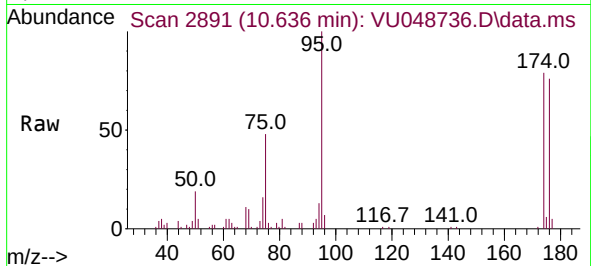




#62
4-Bromofluorobenzene
Concen: 10.442 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

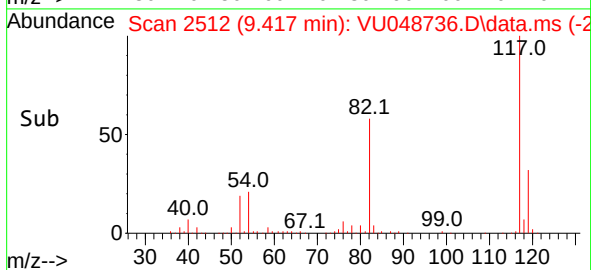
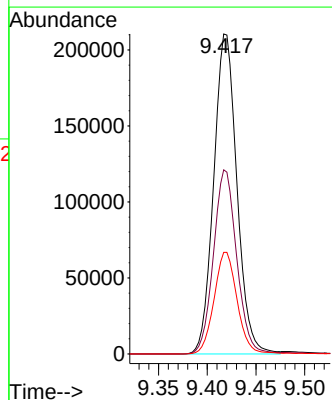
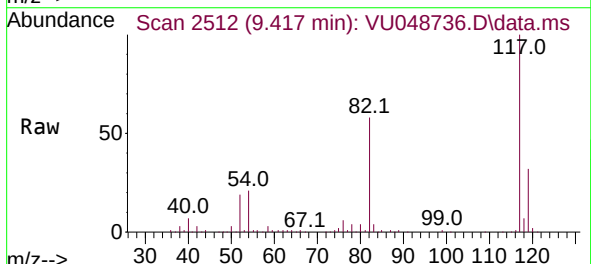
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

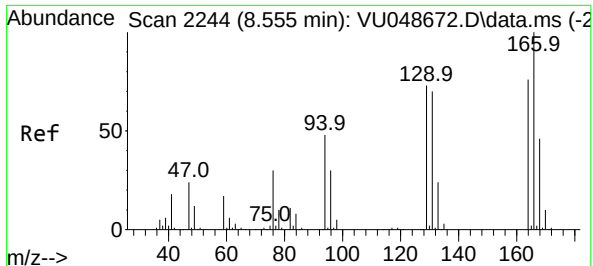
Tgt Ion: 95 Resp: 36424
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 75.2 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 117 Resp: 348796
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 31.7 25.4 38.2

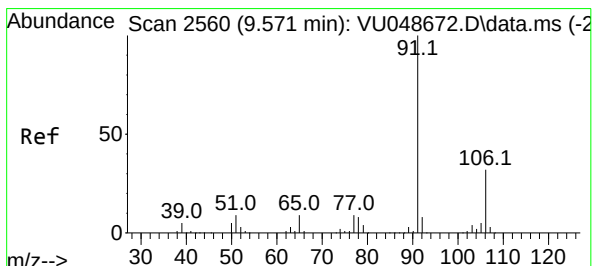
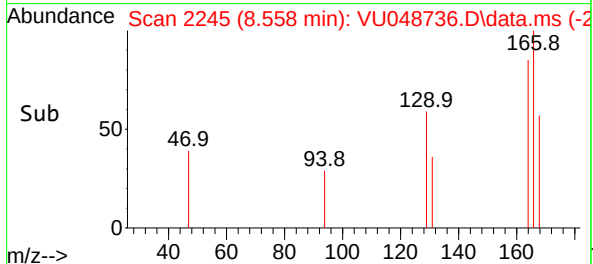
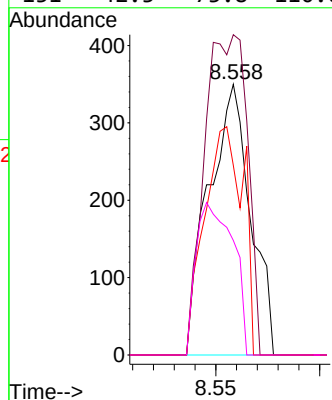
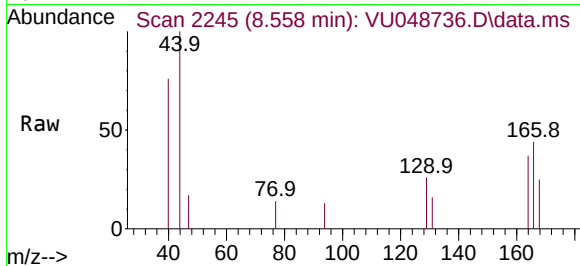




#64
Tetrachloroethene
Concen: Below Cal
RT: 8.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

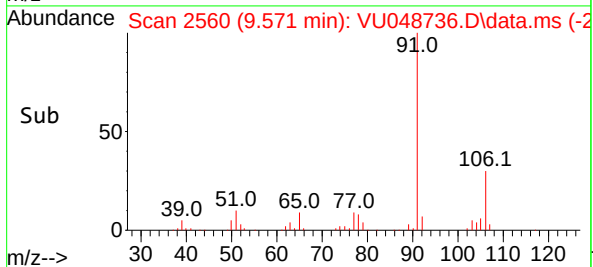
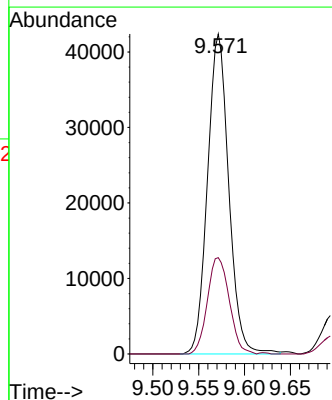
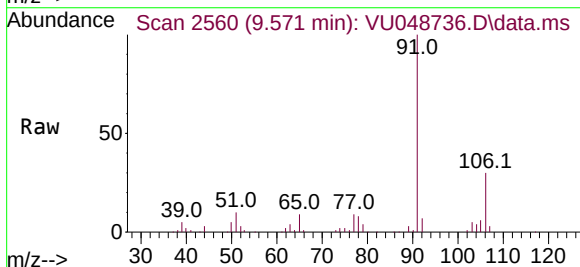
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

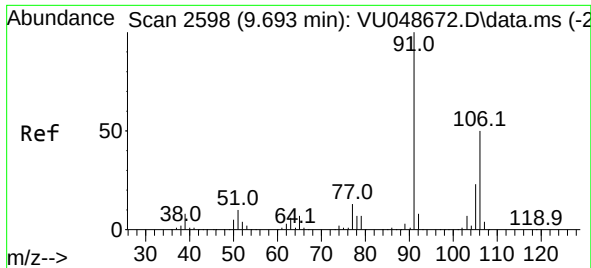
Tgt Ion:164 Resp: 490
Ion Ratio Lower Upper
164 100
166 118.3 105.0 157.4
129 70.0 76.5 114.7#
131 42.3 73.8 110.6#



#67
Ethyl Benzene
Concen: 5.487 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 91 Resp: 68267
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.2

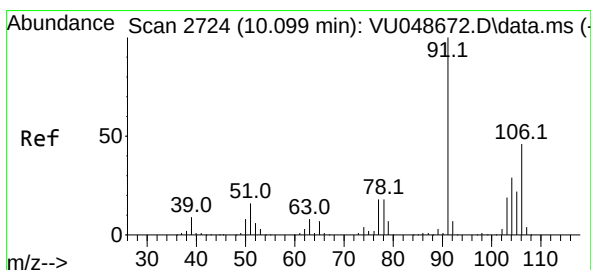
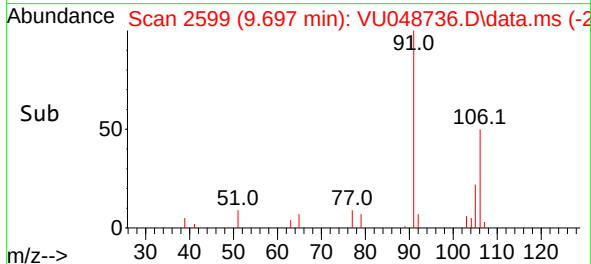
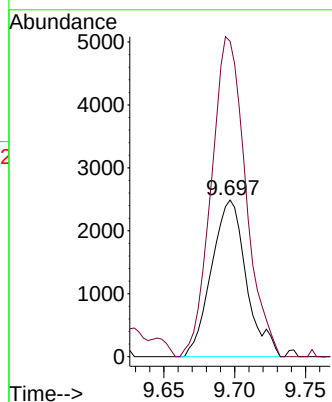
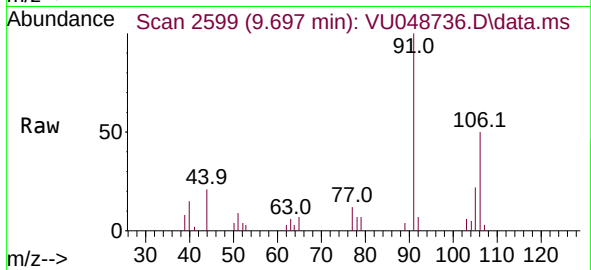




#68
m/p-Xylenes
Concen: 0.874 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

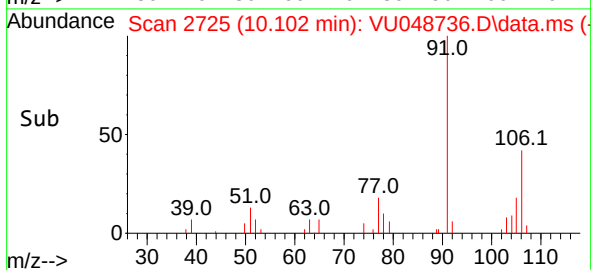
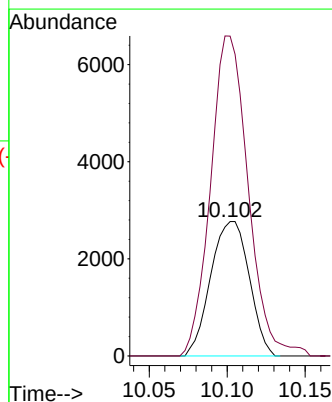
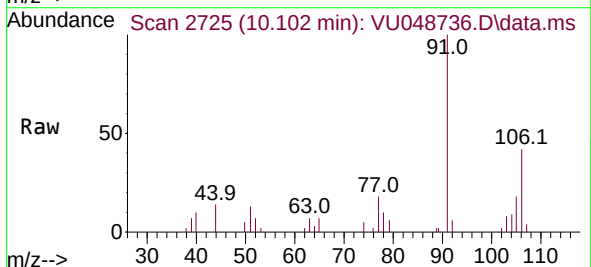
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

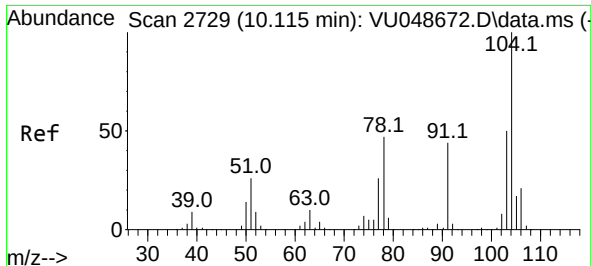
Tgt Ion:106 Resp: 4255
Ion Ratio Lower Upper
106 100
91 202.2 162.4 243.6



#69
o-Xylene
Concen: 0.994 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion:106 Resp: 4750
Ion Ratio Lower Upper
106 100
91 232.9 107.7 323.3

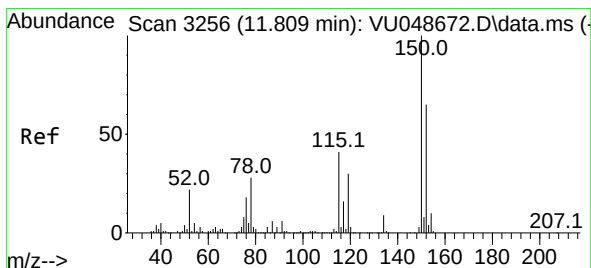
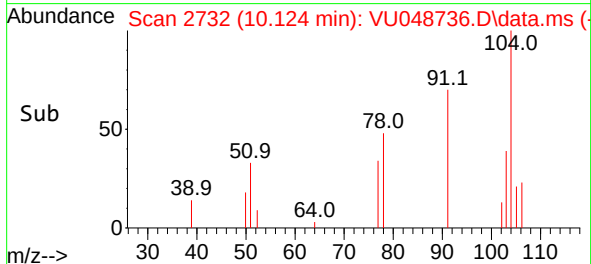
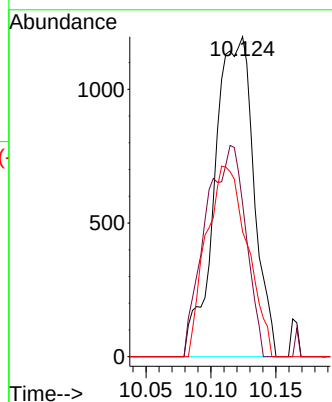
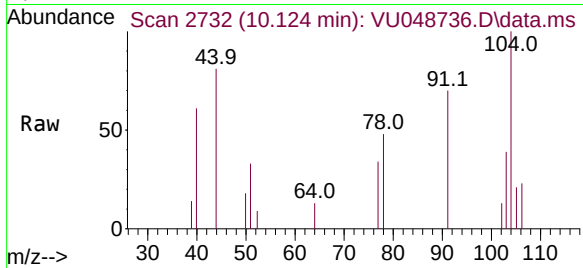




#70
Styrene
Concen: 0.318 ug/l
RT: 10.124 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

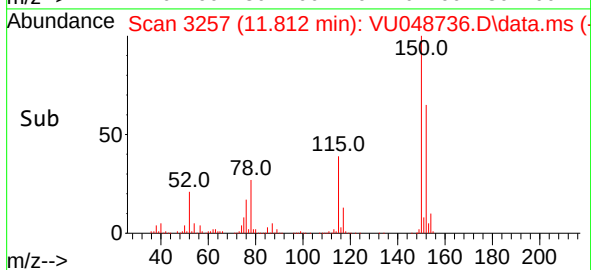
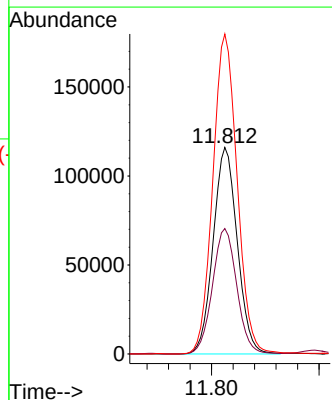
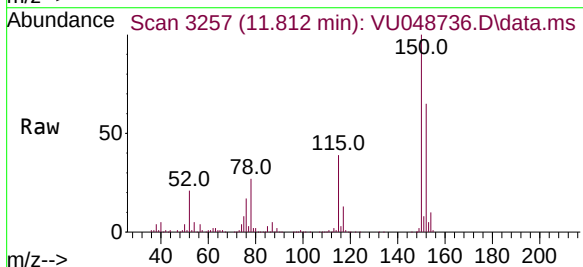
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

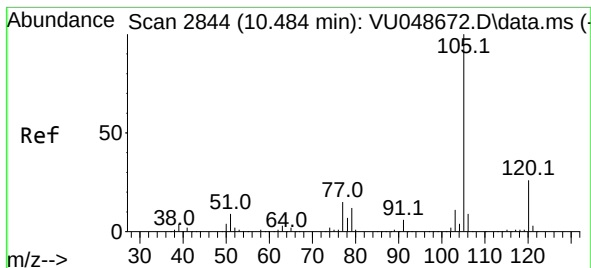
Tgt Ion:104 Resp: 2501
Ion Ratio Lower Upper
104 100
78 67.7 41.2 61.8#
103 62.7 43.4 65.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion:152 Resp: 180713
Ion Ratio Lower Upper
152 100
115 61.4 41.8 125.4
150 156.8 0.0 341.0





#73

Isopropylbenzene

Concen: 1.393 ug/l

RT: 10.488 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

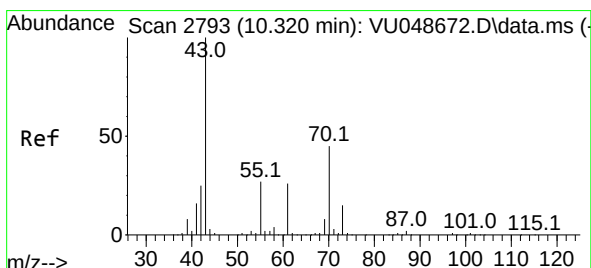
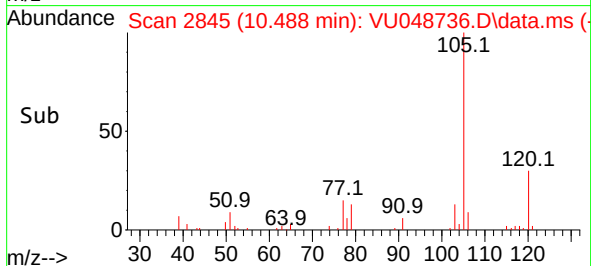
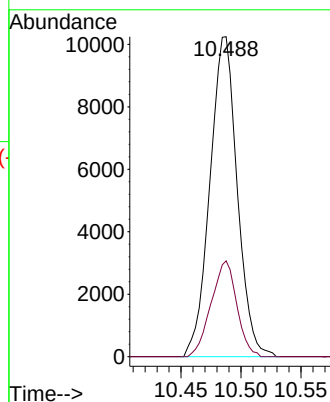
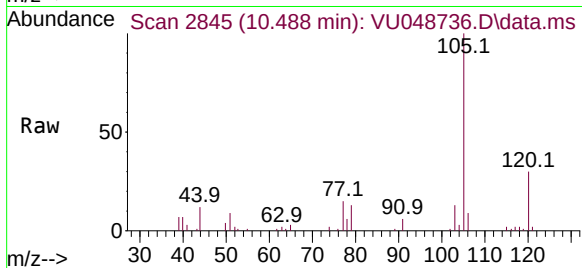
MW-12DL

Tgt Ion:105 Resp: 16247

Ion Ratio Lower Upper

105 100

120 28.1 12.9 38.6



#74

N-ethyl acetate

Concen: 2.854 ug/l

RT: 10.327 min Scan# 2795

Delta R.T. 0.007 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Tgt Ion: 43 Resp: 2408

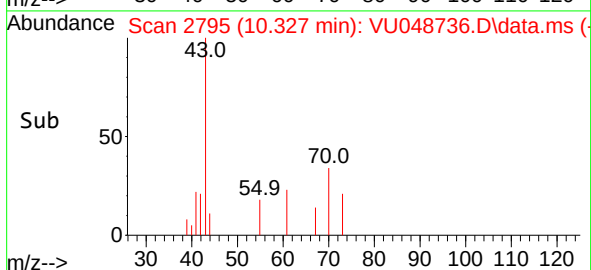
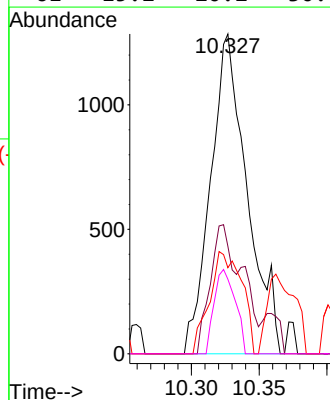
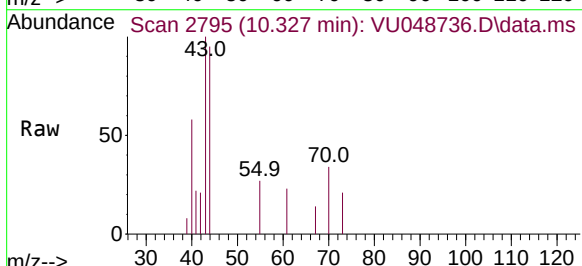
Ion Ratio Lower Upper

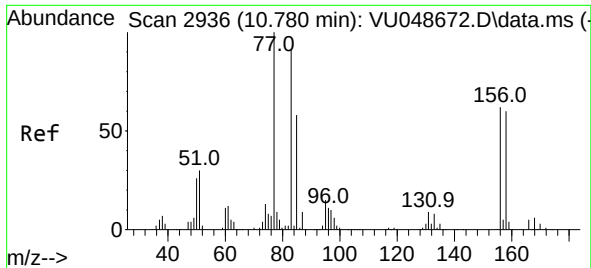
43 100

70 25.2 35.8 53.6#

55 28.2 21.1 31.7

61 15.2 20.2 30.4#

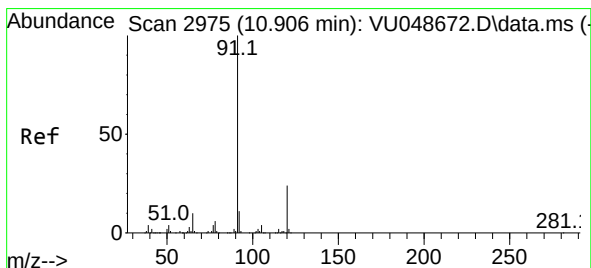
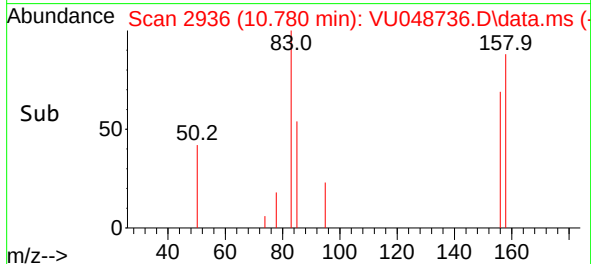
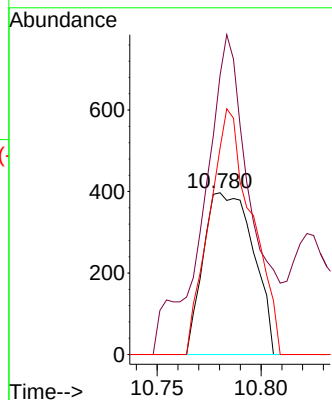
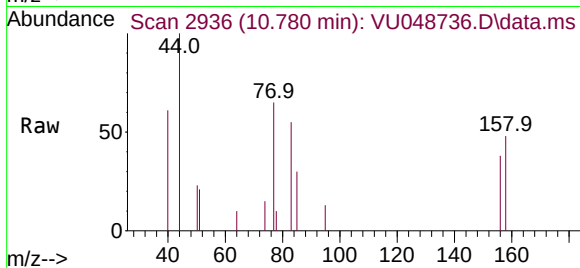




#77
Bromobenzene
Concen: 0.211 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

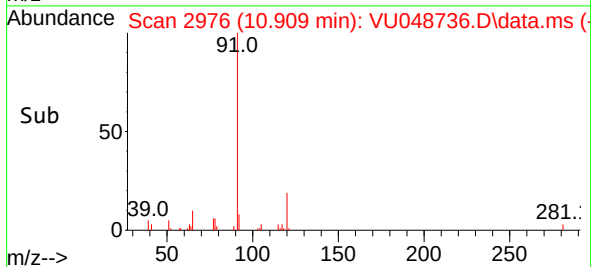
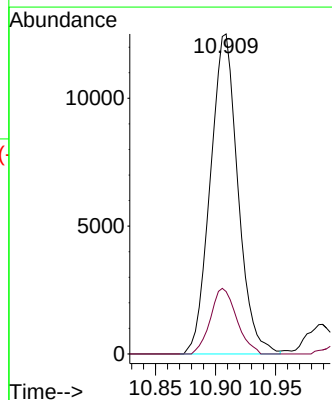
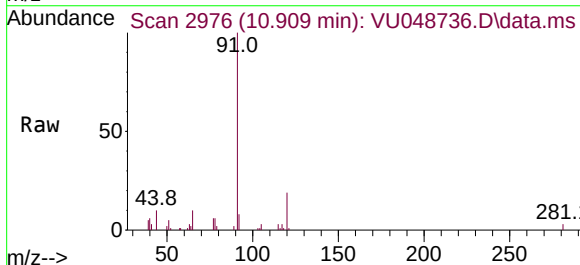
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

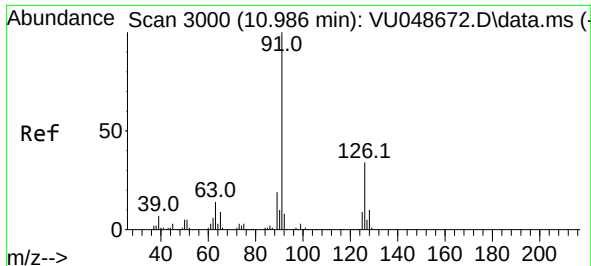
Tgt Ion:156 Resp: 662
Ion Ratio Lower Upper
156 100
77 188.2 81.1 243.3
158 129.0 48.8 146.4



#78
n-propylbenzene
Concen: 1.440 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 91 Resp: 20022
Ion Ratio Lower Upper
91 100
120 19.5 11.6 34.7





#79

2-Chlorotoluene

Concen: 0.229 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

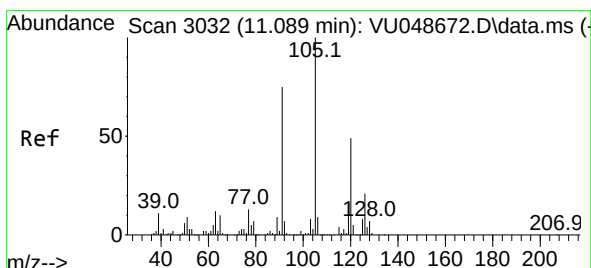
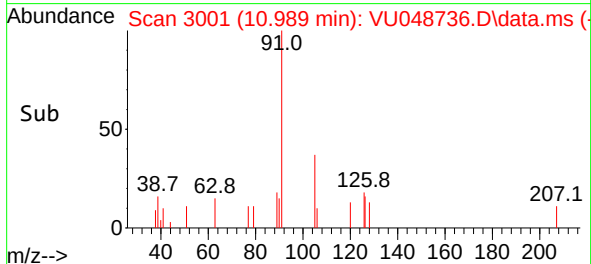
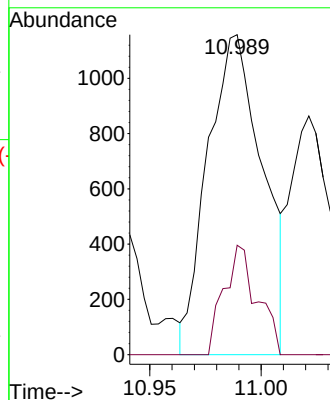
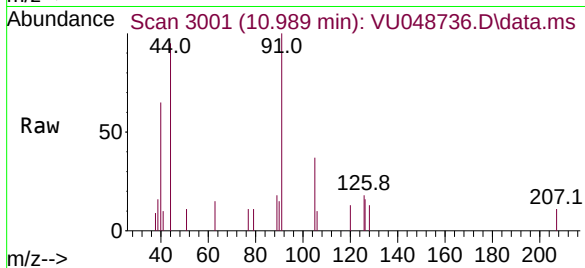
MW-12DL

Tgt Ion: 91 Resp: 1979

Ion Ratio Lower Upper

91 100

126 20.8 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 1.136 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048736.D

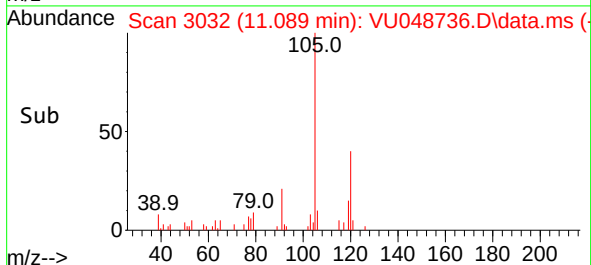
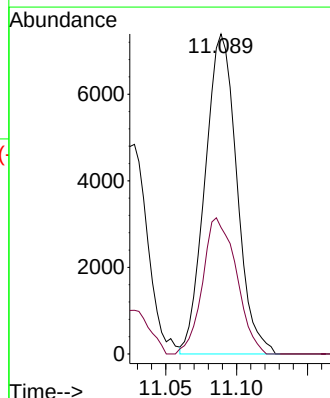
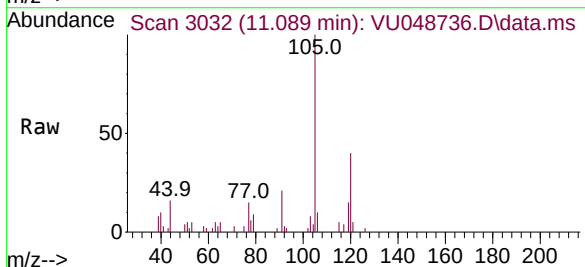
Acq: 31 May 2022 13:35

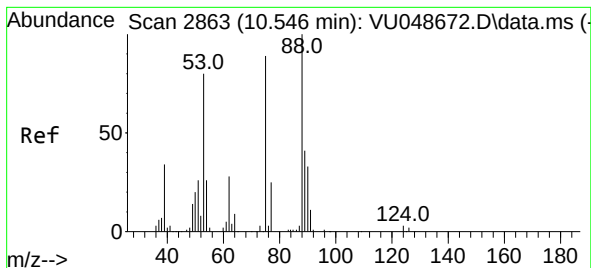
Tgt Ion: 105 Resp: 11525

Ion Ratio Lower Upper

105 100

120 45.2 24.1 72.3

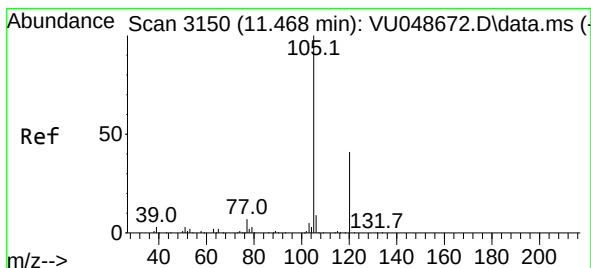
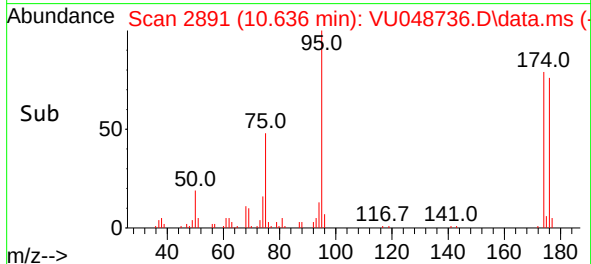
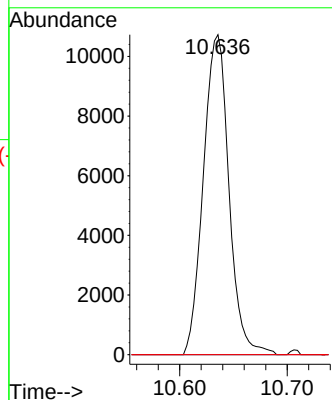
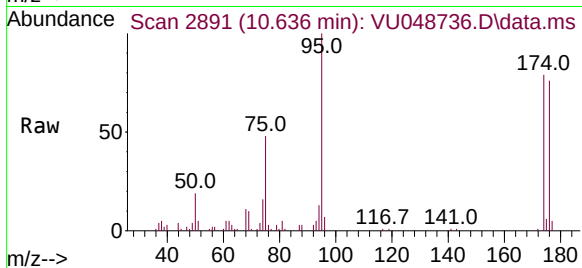




#81
trans-1,4-Dichloro-2-butene
Concen: 11.042 ug/l
RT: 10.636 min Scan# 2863
Delta R.T. 0.090 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

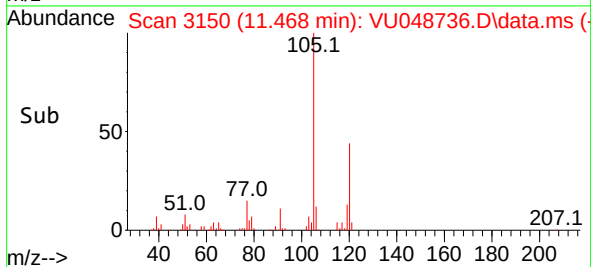
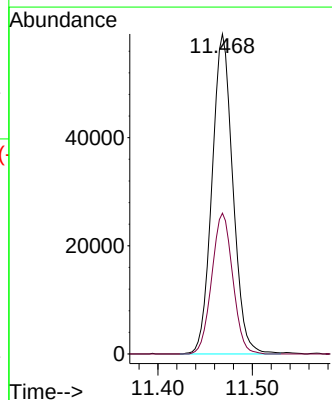
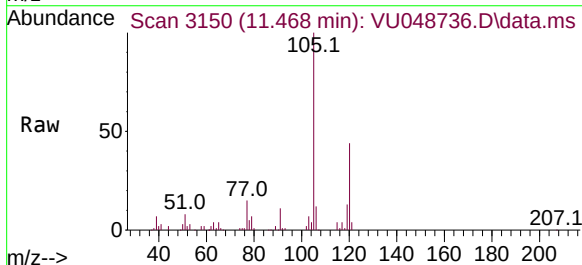
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

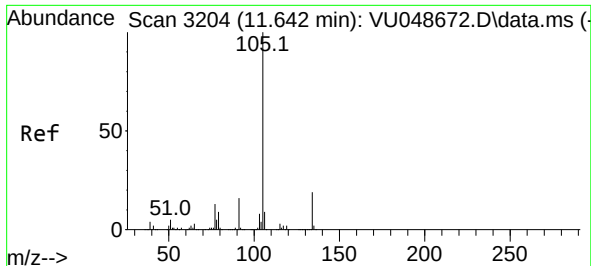
Tgt Ion: 75 Resp: 17720
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 9.275 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 105 Resp: 90585
Ion Ratio Lower Upper
105 100
120 44.1 22.5 67.5

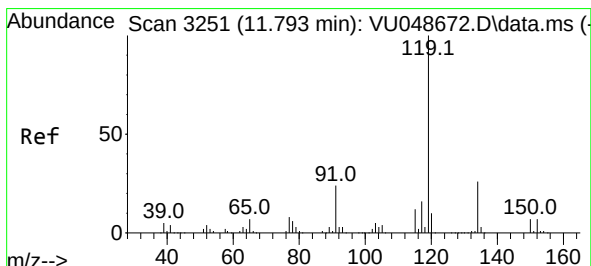
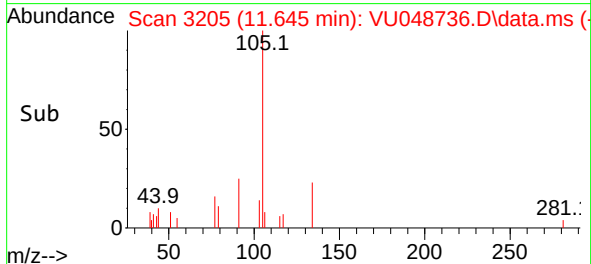
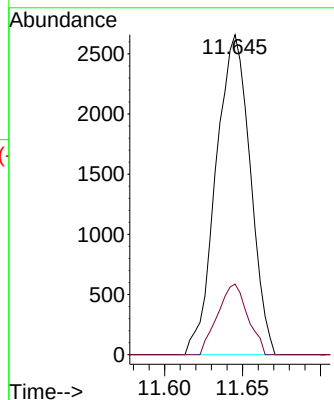
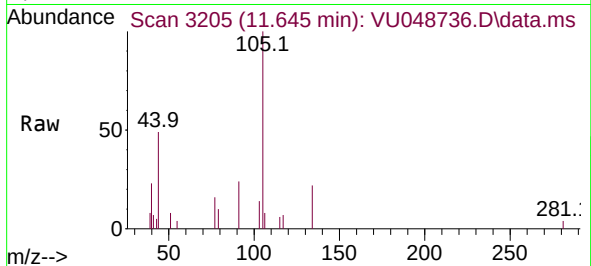




#85
 sec-Butylbenzene
 Concen: 0.333 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048736.D
 Acq: 31 May 2022 13:35

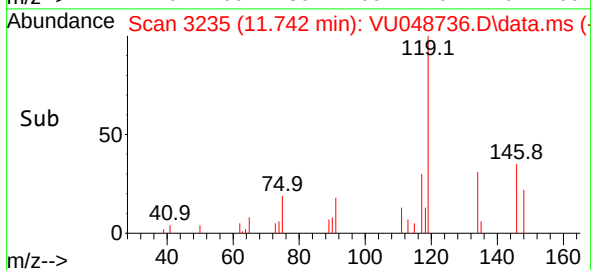
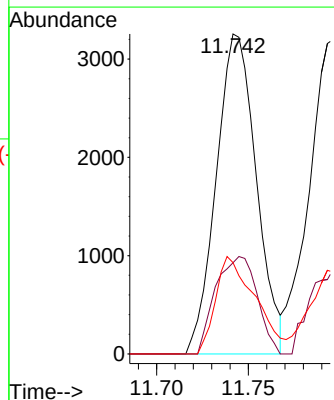
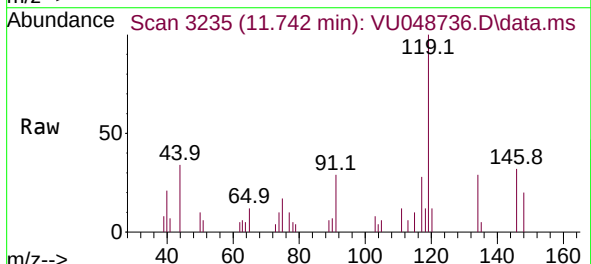
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

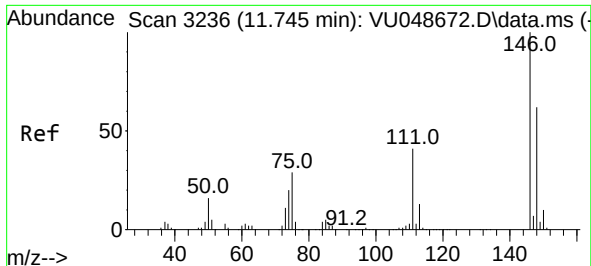
Tgt Ion:105 Resp: 4062
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 0.473 ug/l
 RT: 11.742 min Scan# 3235
 Delta R.T. -0.051 min
 Lab File: VU048736.D
 Acq: 31 May 2022 13:35

Tgt Ion:119 Resp: 4953
 Ion Ratio Lower Upper
 119 100
 134 31.5 12.8 38.4
 91 30.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 0.292 ug/l

RT: 11.751 min Scan# 3238

Delta R.T. 0.006 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

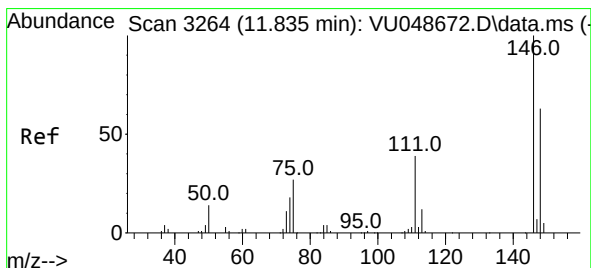
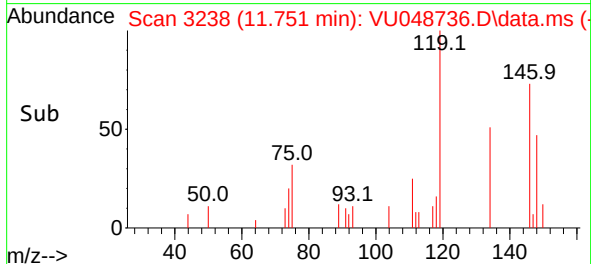
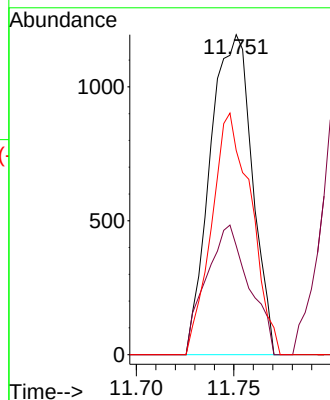
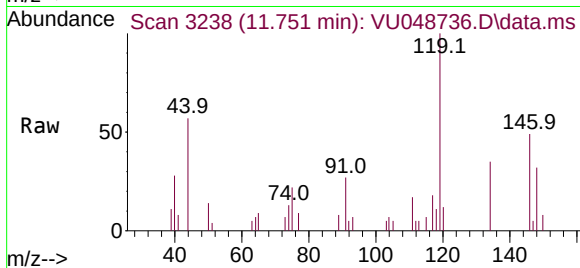
Tgt Ion:146 Resp: 1793

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

148 71.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.283 ug/l

RT: 11.751 min Scan# 3238

Delta R.T. -0.084 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

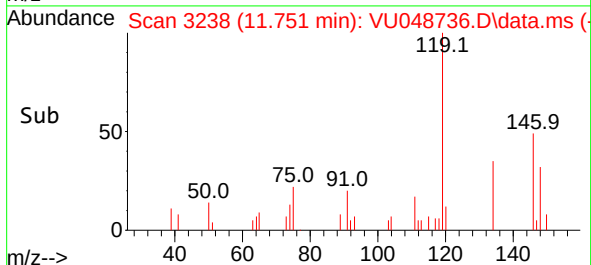
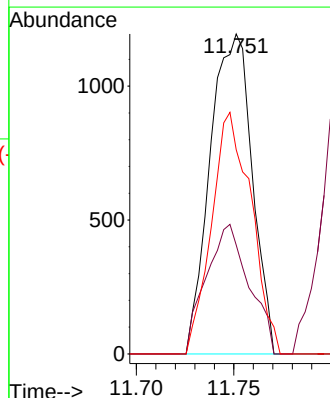
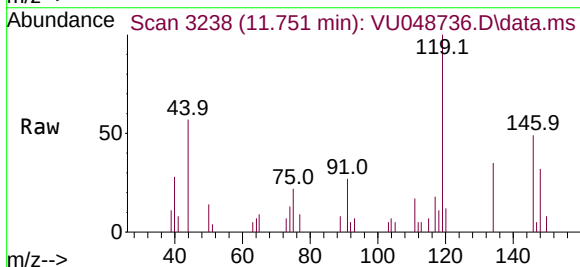
Tgt Ion:146 Resp: 1793

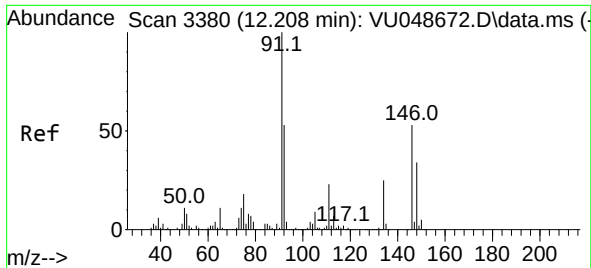
Ion Ratio Lower Upper

146 100

111 41.3 20.2 60.6

148 71.4 32.4 97.0

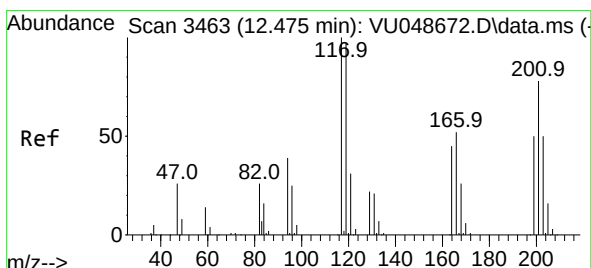
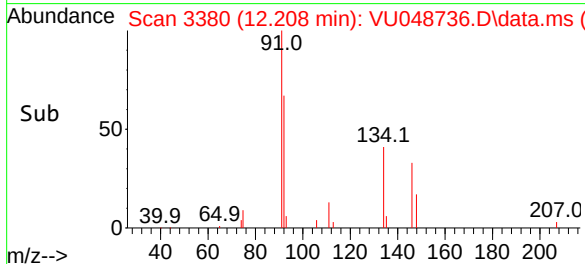
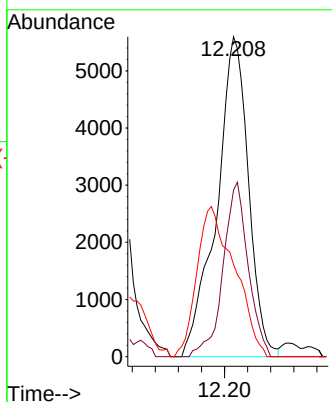
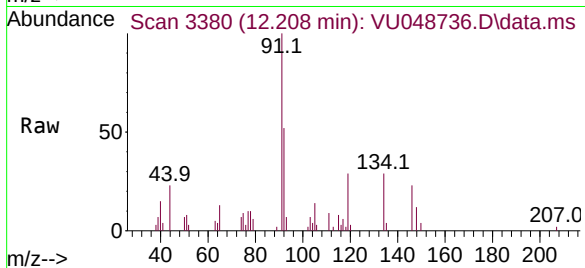




#89
n-Butylbenzene
Concen: 3.165 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

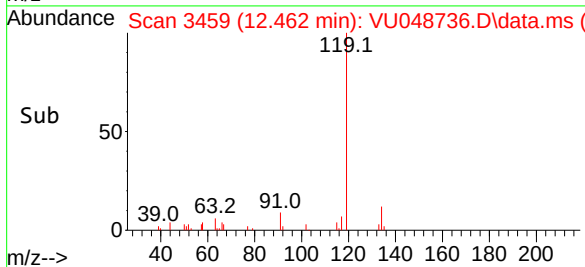
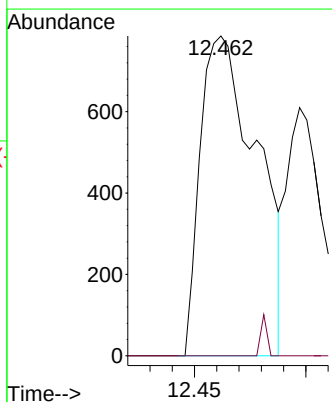
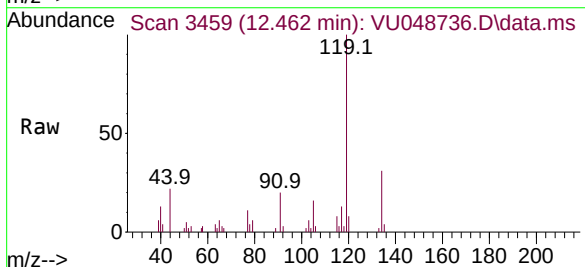
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

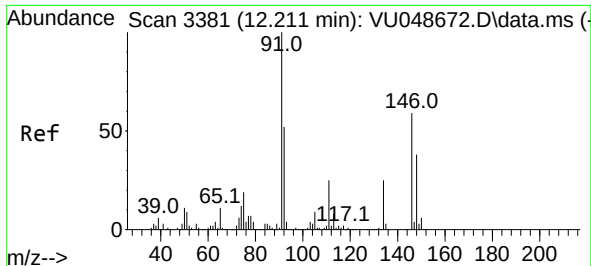
Tgt Ion: 91 Resp: 10722
Ion Ratio Lower Upper
91 100
92 42.9 25.9 77.8
134 0.0 12.5 37.5#



#90
Hexachloroethane
Concen: 0.651 ug/l
RT: 12.462 min Scan# 3459
Delta R.T. -0.013 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 117 Resp: 1390
Ion Ratio Lower Upper
117 100
201 1.4 39.6 119.0#





#91

1,2-Dichlorobenzene

Concen: 0.379 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

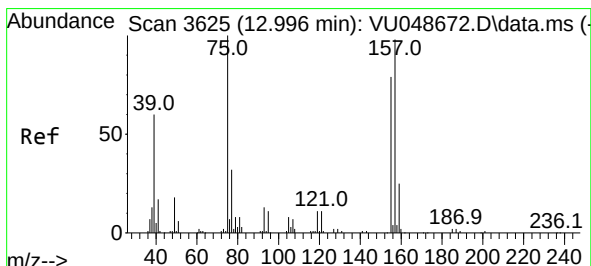
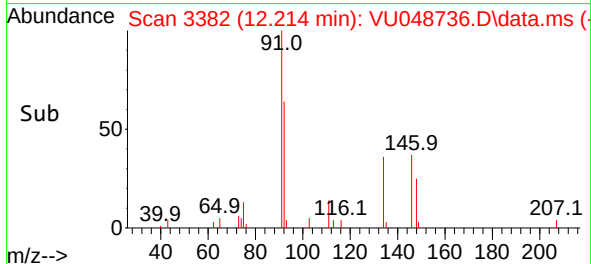
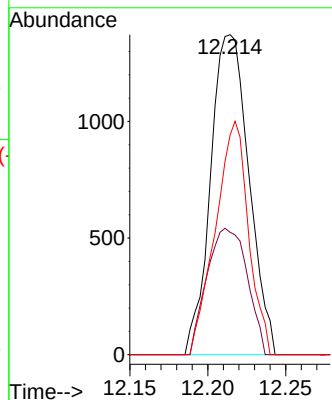
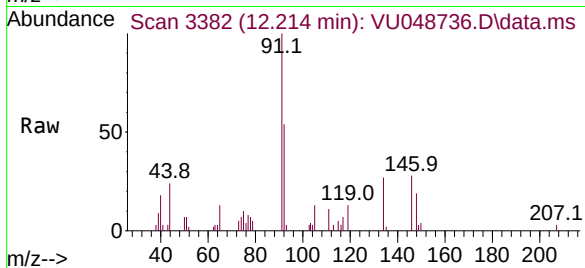
Tgt Ion:146 Resp: 2349

Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.3

148 63.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.557 ug/l

RT: 13.002 min Scan# 3627

Delta R.T. 0.006 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

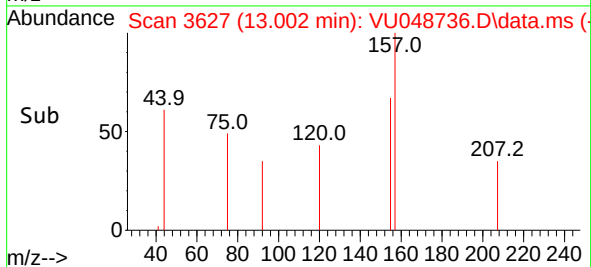
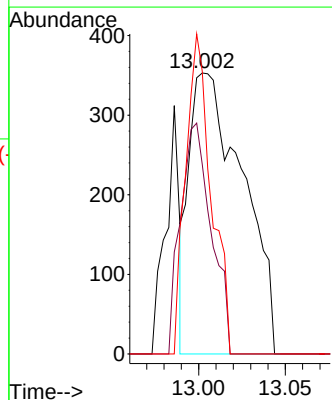
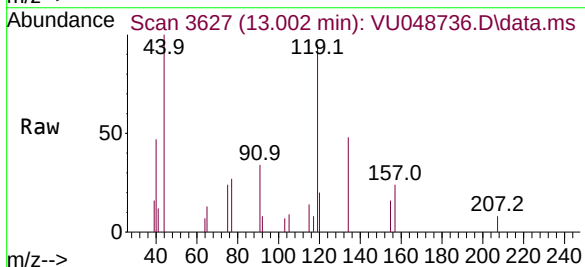
Tgt Ion: 75 Resp: 763

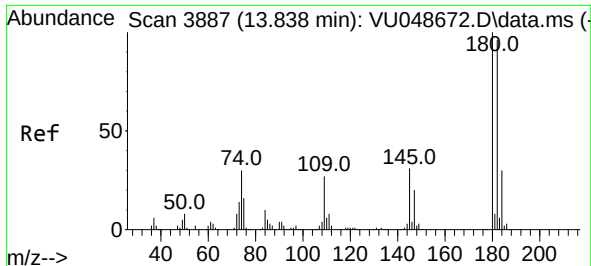
Ion Ratio Lower Upper

75 100

155 46.8 40.3 120.8

157 54.0 50.0 150.0

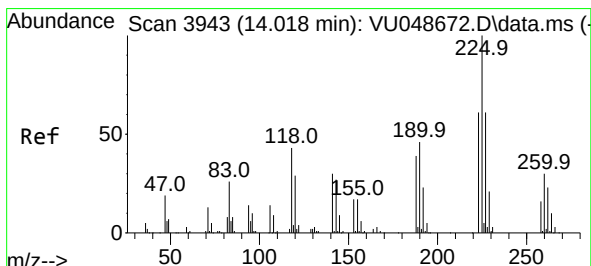
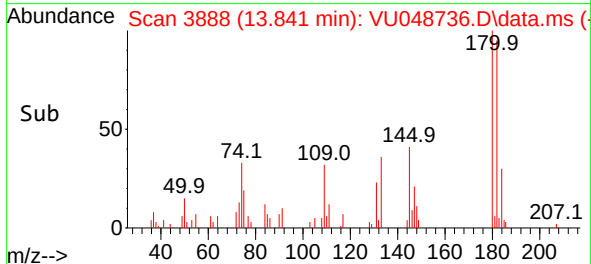
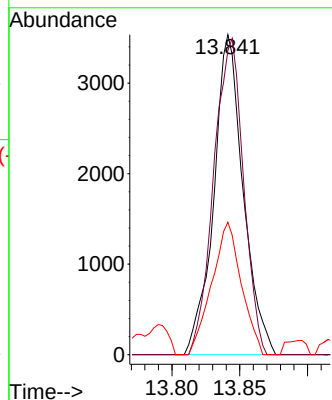
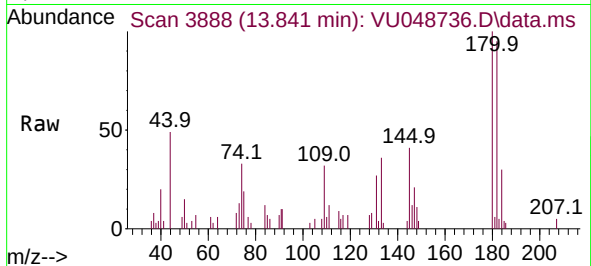




#93
 1,2,4-Trichlorobenzene
 Concen: 1.313 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048736.D
 Acq: 31 May 2022 13:35

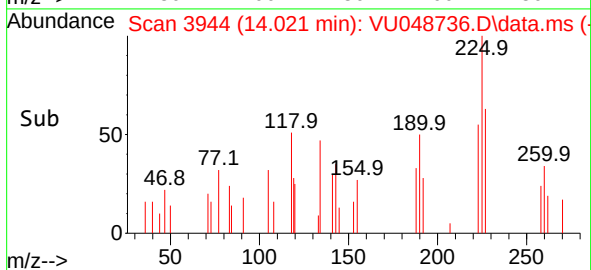
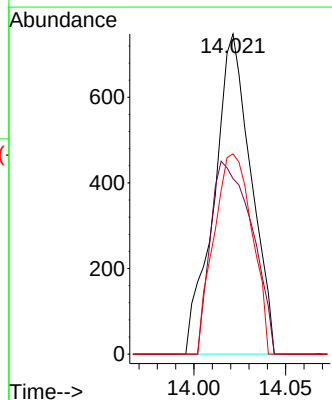
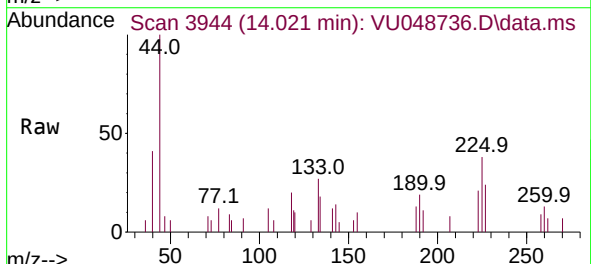
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

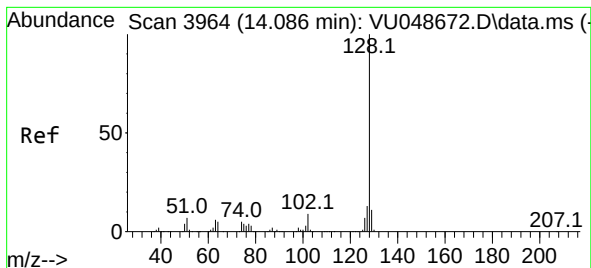
Tgt Ion:180 Resp: 5349
 Ion Ratio Lower Upper
 180 100
 182 99.5 48.3 144.9
 145 41.4 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 0.536 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.003 min
 Lab File: VU048736.D
 Acq: 31 May 2022 13:35

Tgt Ion:225 Resp: 1047
 Ion Ratio Lower Upper
 225 100
 223 67.7 30.9 92.8
 227 64.6 31.1 93.5





#95

Naphthalene

Concen: 211.511 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

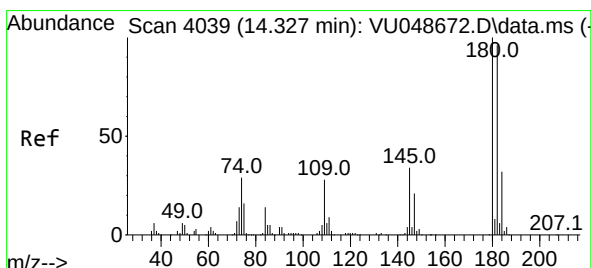
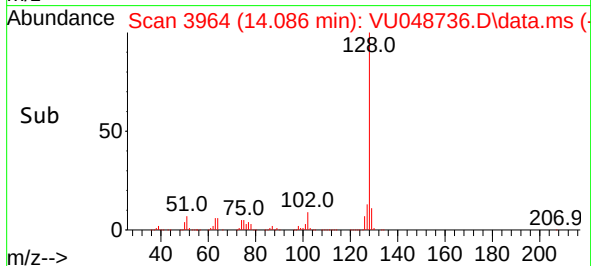
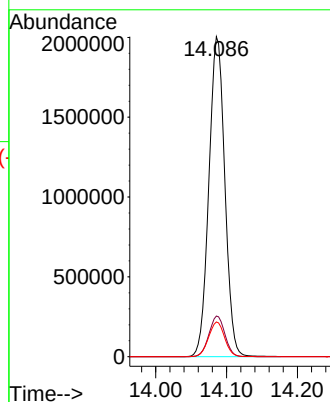
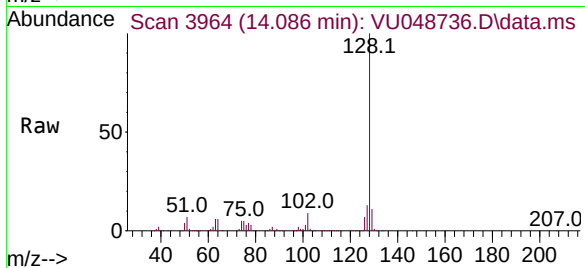
Tgt Ion:128 Resp: 3131230

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.676 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Tgt Ion:180 Resp: 6760

Ion Ratio Lower Upper

180 100

182 93.0 47.4 142.2

145 32.3 16.6 49.8

