

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048737.D
 Acq On : 31 May 2022 13:57
 Operator : SY/MD
 Sample : N3056-09DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02DL

Quant Time: Jun 01 02:16:28 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	250188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	427065	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	384881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	202205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184847	49.196	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.400%
35) Dibromofluoromethane	5.292	113	144753	47.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.020%
50) Toluene-d8	7.899	98	501835	45.949	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.900%#
62) 4-Bromofluorobenzene	10.632	95	186481	45.148	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.300%

Target Compounds				Qvalue		
5) Bromomethane	1.855	94	69	Below Cal	#	3
6) Chloroethane	2.134	64	1065	Below Cal	#	69
10) Methyl Iodide	2.719	142	116	3.032	ug/l #	37
11) Tert butyl alcohol	3.186	59	6218	6.527	ug/l #	28
13) Acrolein	2.594	56	955	Below Cal		94
14) Allyl chloride	3.044	41	6306	1.279	ug/l #	62
16) Acetone	2.629	43	3471	1.813	ug/l #	88
17) Carbon Disulfide	2.793	76	2546	0.343	ug/l	99
18) Methyl Acetate	3.044	43	13073	2.719	ug/l #	51
19) Methyl tert-butyl Ether	3.366	73	5965	0.617	ug/l #	1
20) Methylene Chloride	3.044	84	973	0.299	ug/l #	65
25) 2-Butanone	4.723	43	1092	0.397	ug/l #	85
30) Chloroform	5.118	83	1292	0.226	ug/l #	17
31) Cyclohexane	5.379	56	13039	2.754	ug/l #	42
36) 1,1-Dichloropropene	5.372	75	20390	4.585	ug/l #	50
38) Carbon Tetrachloride	5.375	117	26491	5.193	ug/l #	17
39) Methylcyclohexane	6.764	83	8174	1.753	ug/l #	80
40) Benzene	5.777	78	130430	9.935	ug/l	98
48) Methyl methacrylate	6.983	41	1283	0.350	ug/l #	54
49) 1,4-Dioxane	6.980	88	81	0.989	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	2837	0.535	ug/l	88
52) Toluene	7.970	92	2820	0.359	ug/l	95
55) 1,1,2-Trichloroethane	8.372	97	2265	0.654	ug/l #	20
56) Ethyl methacrylate	8.340	69	235	2.654	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.404	63	90	29.822	ug/l #	47
59) 2-Hexanone	8.687	43	2687	0.618	ug/l	100
64) Tetrachloroethene	8.549	164	121	Below Cal	#	68
67) Ethyl Benzene	9.571	91	563167	41.019	ug/l	97
68) m/p-Xylenes	9.697	106	174860	32.564	ug/l	99
69) o-Xylene	10.102	106	13632	2.584	ug/l	95
73) Isopropylbenzene	10.484	105	41348	3.167	ug/l	97
74) N-amyl acetate	10.327	43	1003	2.611	ug/l #	86
76) 1,2,3-Trichloropropane	10.632	75	96516	14.804	ug/l #	48
78) n-propylbenzene	10.906	91	98073	6.305	ug/l	99
79) 2-Chlorotoluene	10.996	91	4305	0.445	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.089	105	92009	8.105	ug/l	99

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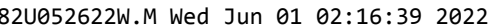
Quant Time: Jun 01 02:16:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

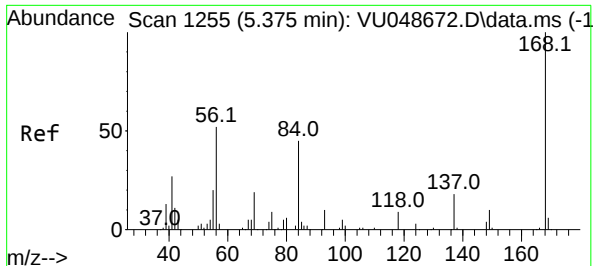
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	10.632	75	96516	53.751	ug/l #	13
82) 4-Chlorotoluene	11.086	91	11153	0.999	ug/l #	48
83) tert-Butylbenzene	11.468	119	84623	7.767	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.468	105	697591	56.851	ug/l	100
85) sec-Butylbenzene	11.468	105	697591	51.177	ug/l #	58
86) p-Isopropyltoluene	11.745	119	4390	0.375	ug/l	96
89) n-Butylbenzene	12.195	91	7200	2.773	ug/l #	1
90) Hexachloroethane	12.465	117	3901	1.633	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.976	75	556	0.362	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.844	180	1656	0.363	ug/l #	75
95) Naphthalene	14.086	128	486882	31.573	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	1319	0.292	ug/l #	56

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

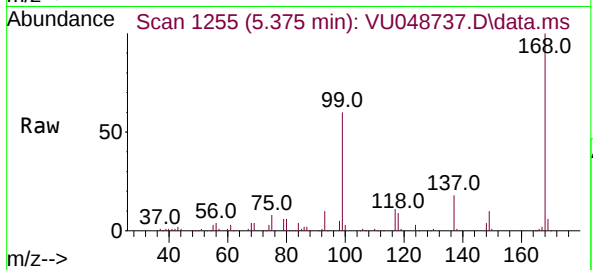
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration



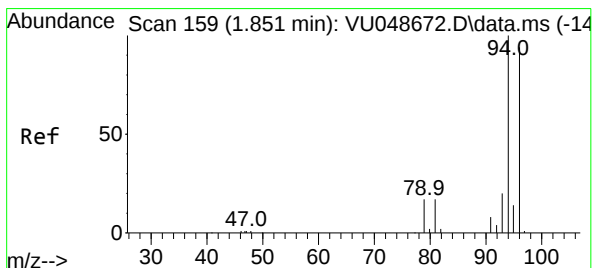
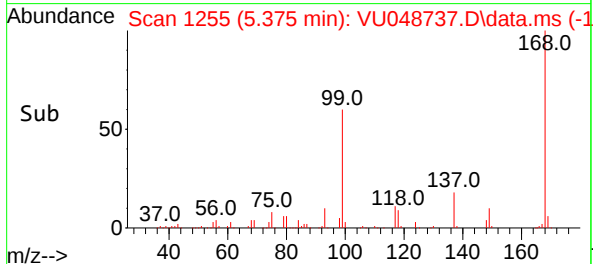
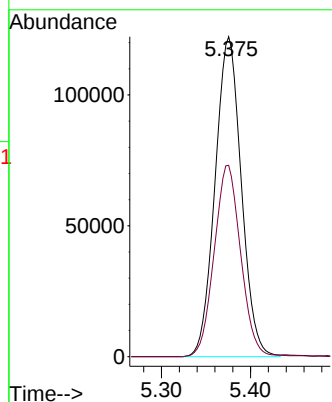


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Instrument :
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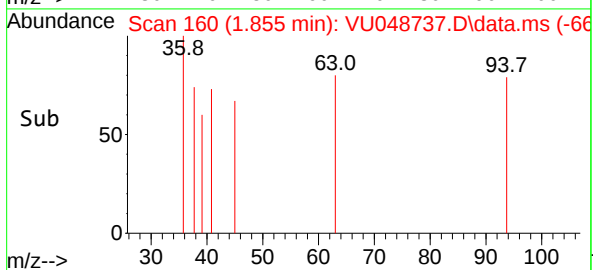
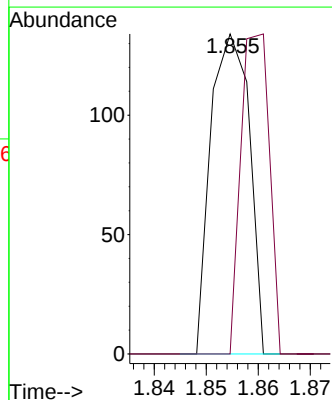
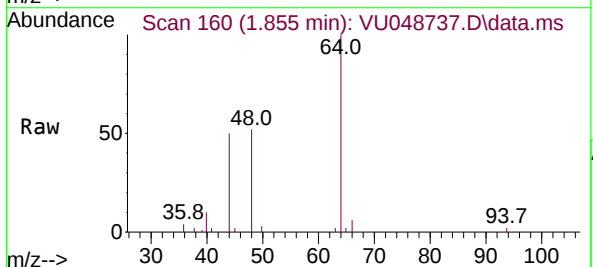


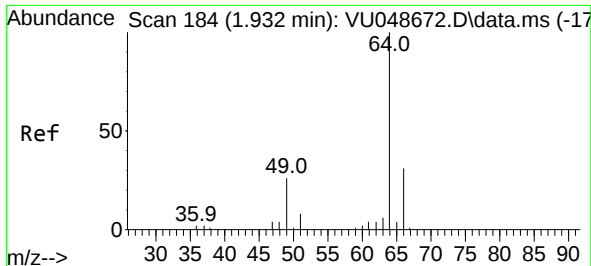
Tgt Ion:168 Resp: 250188
Ion Ratio Lower Upper
168 100
99 59.8 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.855 min Scan# 160
Delta R.T. 0.004 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion: 94 Resp: 69
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

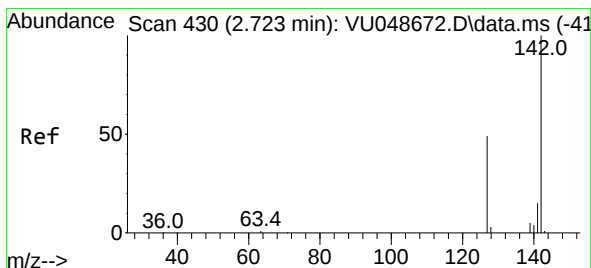
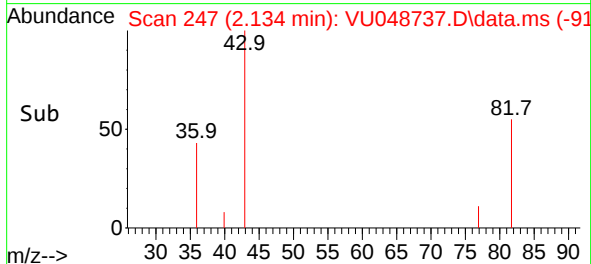
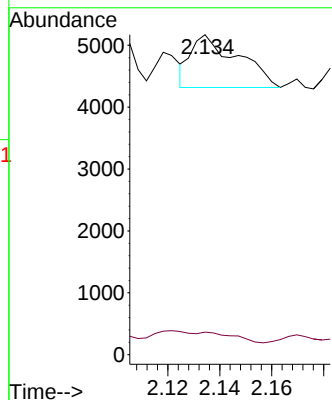
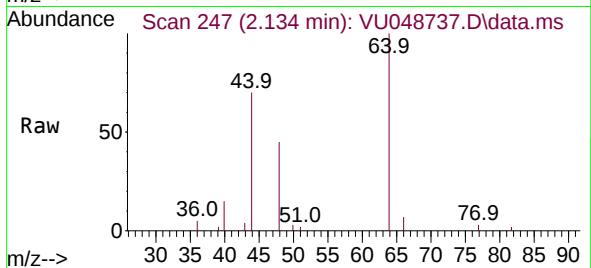




#6
Chloroethane
Concen: Below Cal
RT: 2.134 min Scan# 247
Delta R.T. 0.202 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

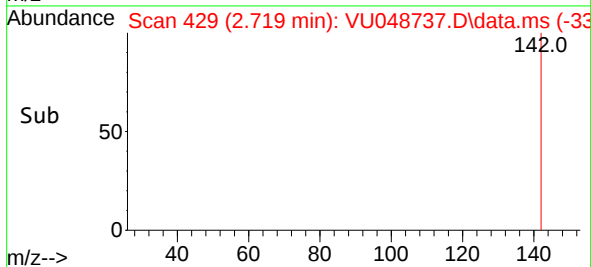
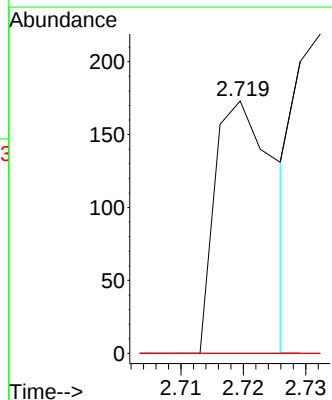
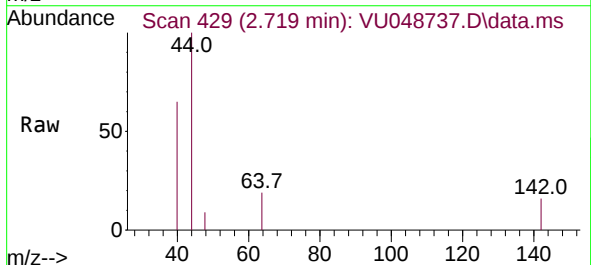
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

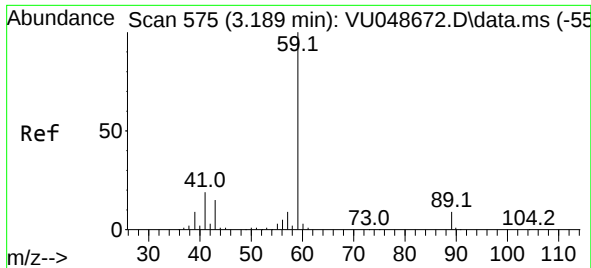
Tgt Ion: 64 Resp: 1065
Ion Ratio Lower Upper
64 100
66 14.3 25.2 37.8#



#10
Methyl Iodide
Concen: 3.032 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion: 142 Resp: 116
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#

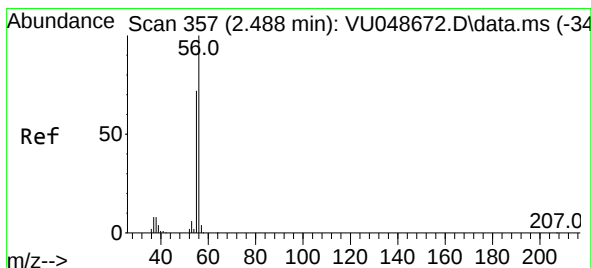
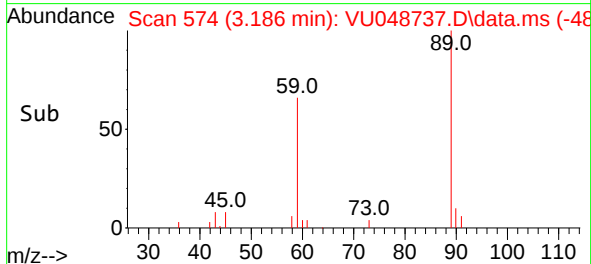
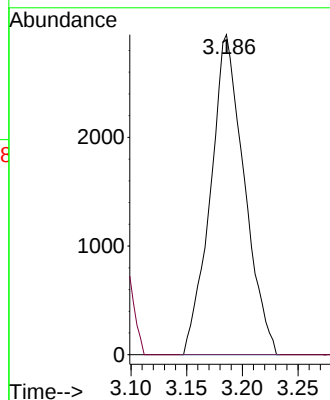
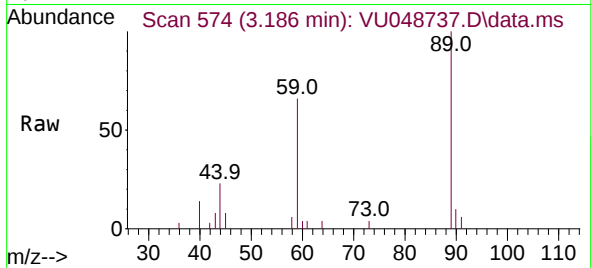




#11
Tert butyl alcohol
Concen: 6.527 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

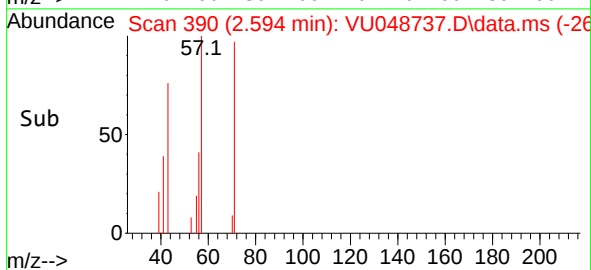
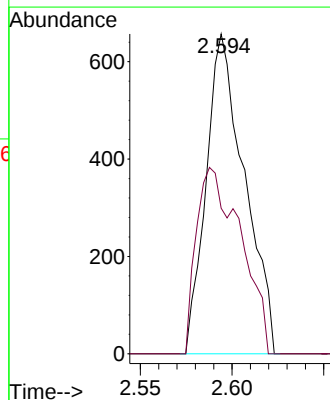
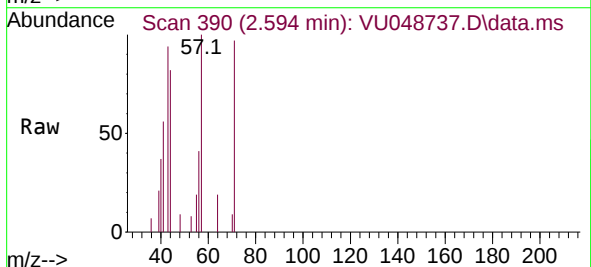
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

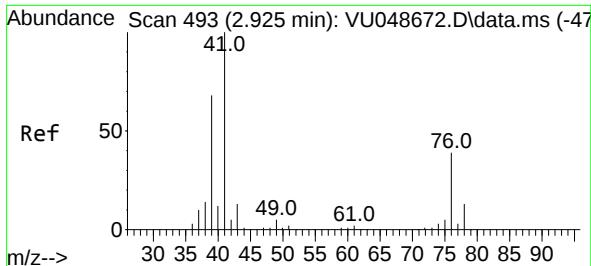
Tgt Ion: 59 Resp: 6218
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.594 min Scan# 390
Delta R.T. 0.106 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion: 56 Resp: 955
Ion Ratio Lower Upper
56 100
55 67.3 57.7 86.5

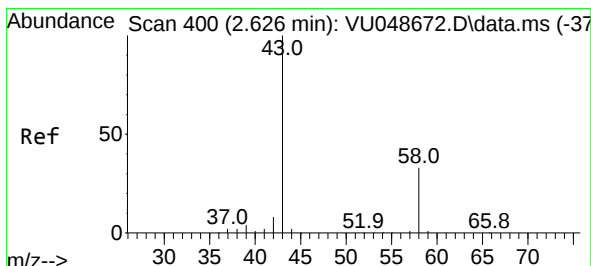
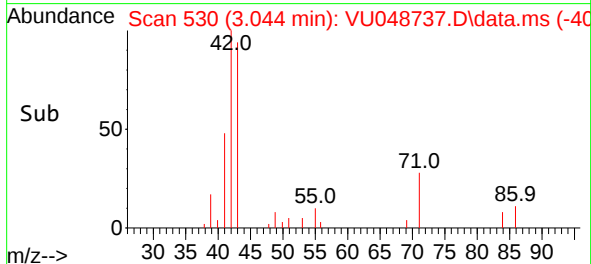
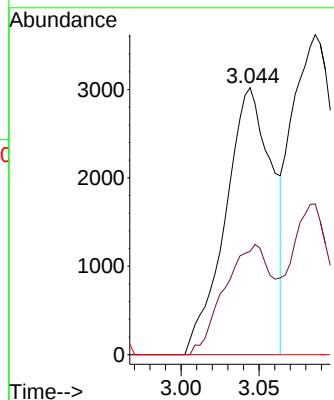
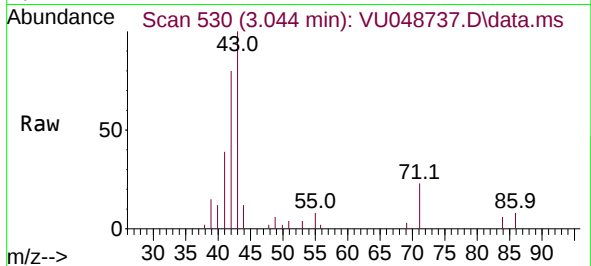




#14
 Allyl chloride
 Concen: 1.279 ug/l
 RT: 3.044 min Scan# 51
 Delta R.T. 0.119 min
 Lab File: VU048737.D
 Acq: 31 May 2022 13:57

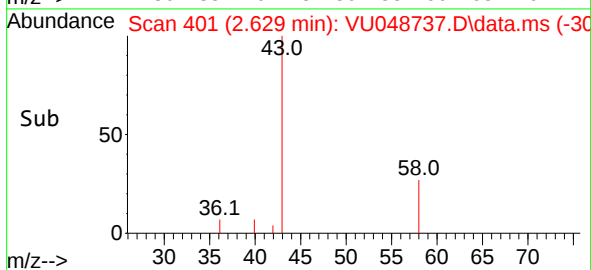
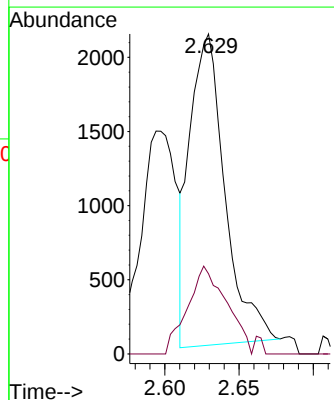
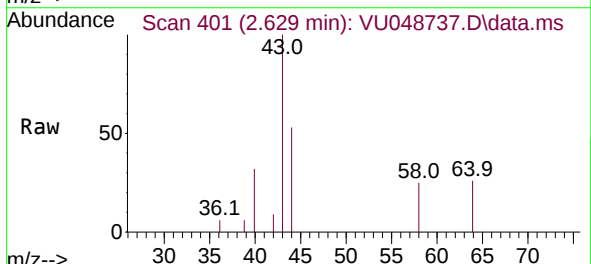
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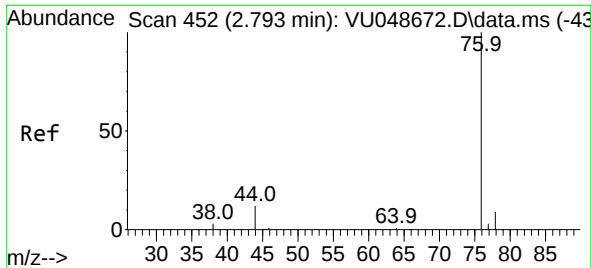
Tgt Ion: 41 Resp: 6306
 Ion Ratio Lower Upper
 41 100
 39 40.5 48.6 72.8#
 76 0.0 27.0 40.4#



#16
 Acetone
 Concen: 1.813 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU048737.D
 Acq: 31 May 2022 13:57

Tgt Ion: 43 Resp: 3471
 Ion Ratio Lower Upper
 43 100
 58 26.3 26.3 39.5#

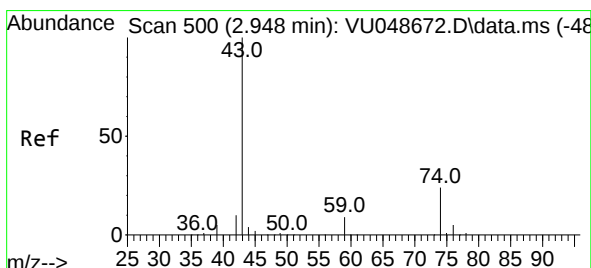
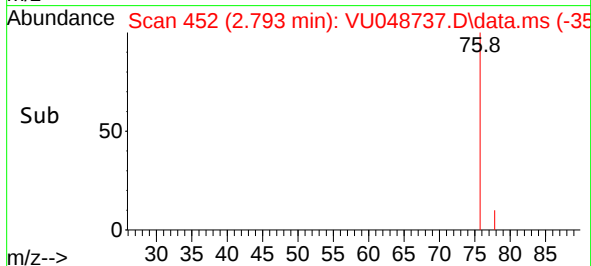
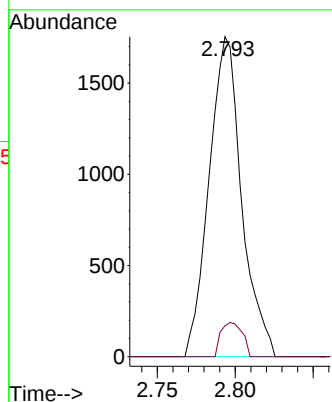
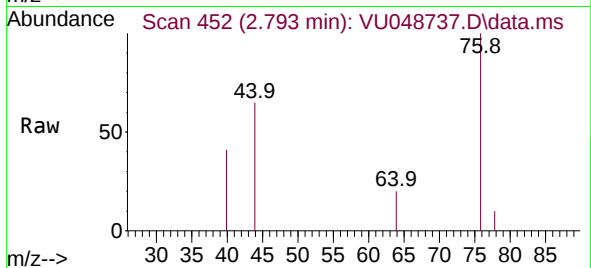




#17
Carbon Disulfide
Concen: 0.343 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

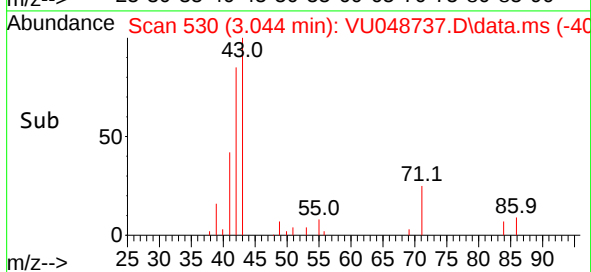
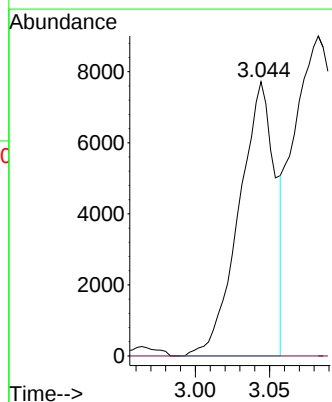
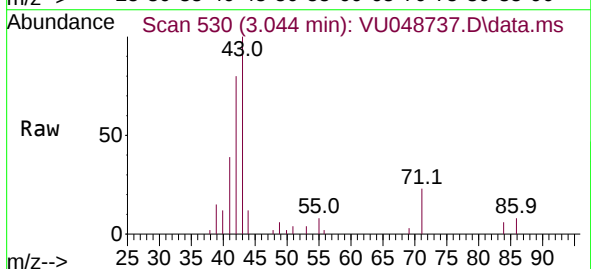
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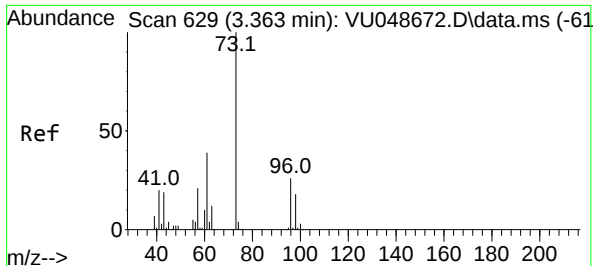
Tgt Ion: 76 Resp: 2546
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 2.719 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.096 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion: 43 Resp: 13073
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





#19

Methyl tert-butyl Ether

Concen: 0.617 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

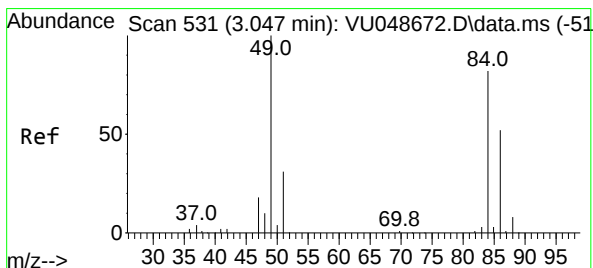
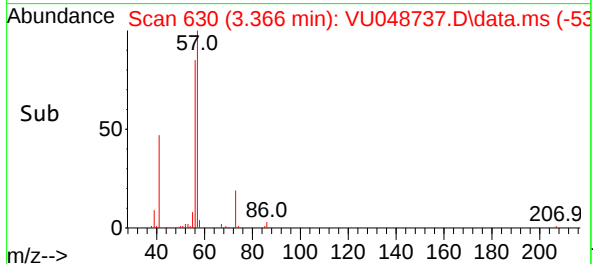
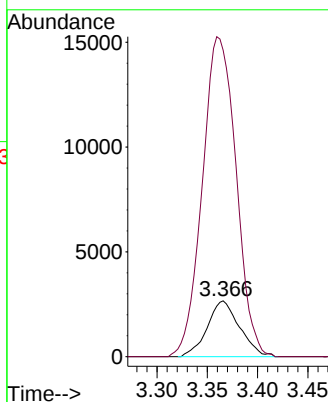
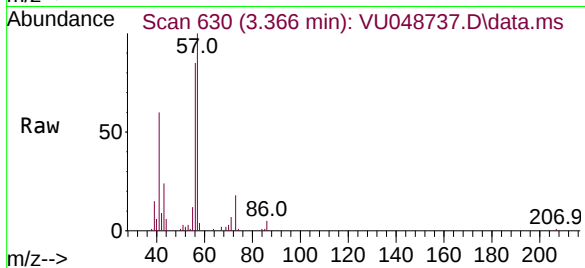
MW-02DL

Tgt Ion: 73 Resp: 5965

Ion Ratio Lower Upper

73 100

57 548.2 17.1 25.7#



#20

Methylene Chloride

Concen: 0.299 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Tgt Ion: 84 Resp: 973

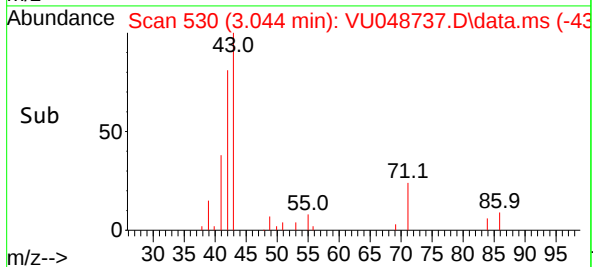
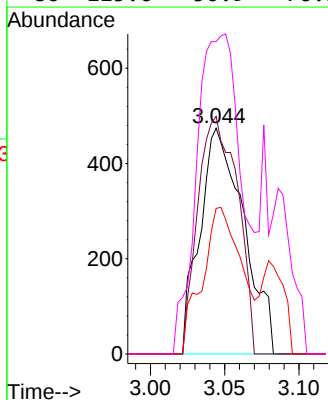
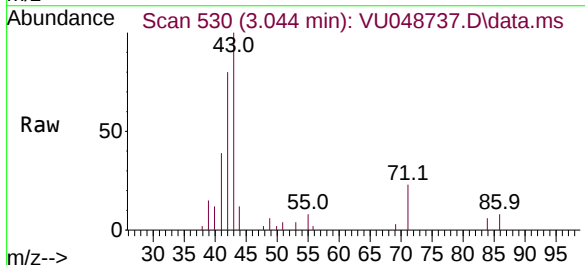
Ion Ratio Lower Upper

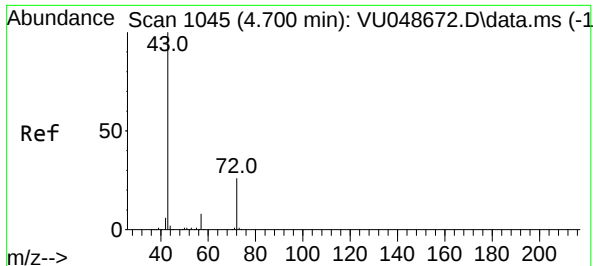
84 100

49 105.3 97.0 145.4

51 64.6 29.8 44.8#

86 115.6 50.9 76.3#





#25

2-Butanone

Concen: 0.397 ug/l

RT: 4.723 min Scan# 1109

Delta R.T. 0.023 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

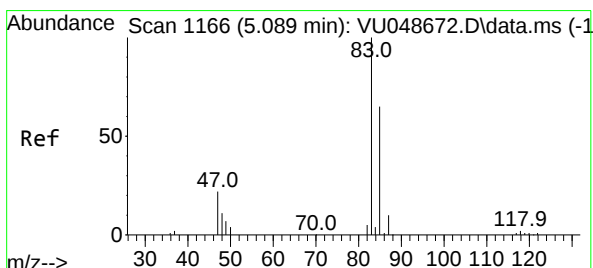
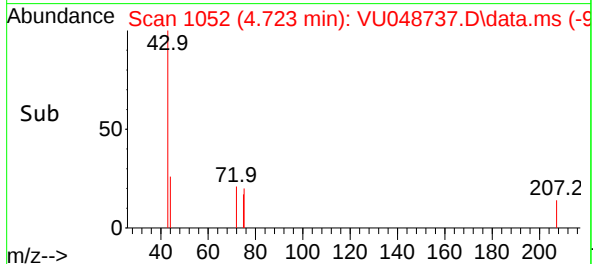
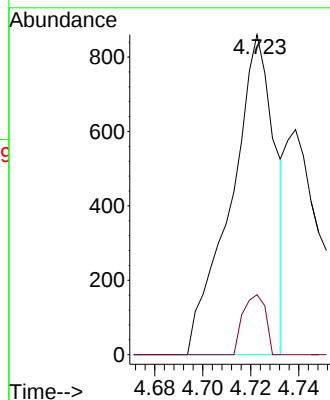
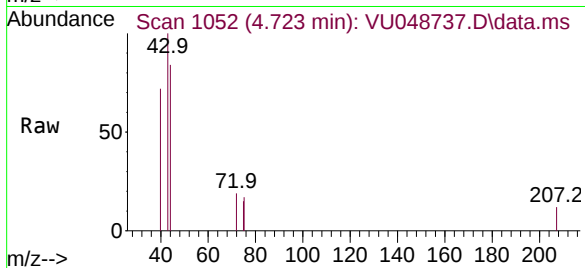
MW-02DL

Tgt Ion: 43 Resp: 1092

Ion Ratio Lower Upper

43 100

72 18.7 21.1 31.7#



#30

Chloroform

Concen: 0.226 ug/l

RT: 5.118 min Scan# 1175

Delta R.T. 0.029 min

Lab File: VU048737.D

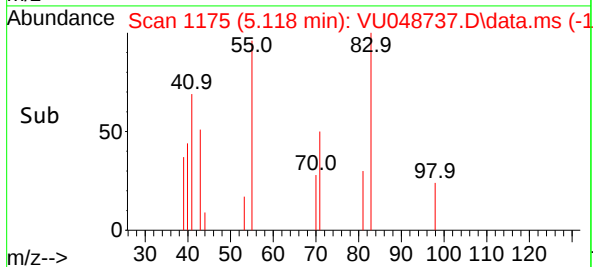
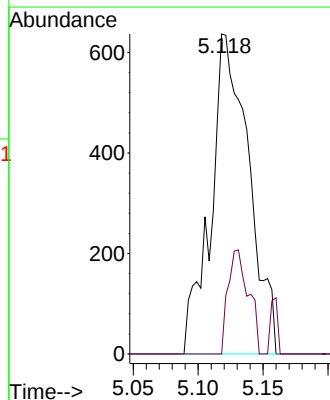
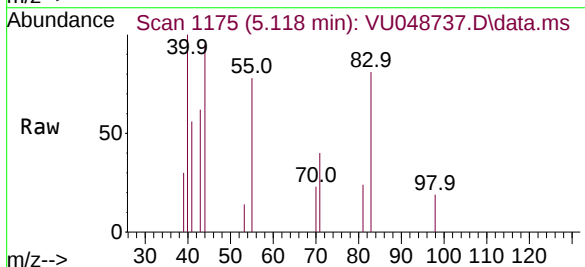
Acq: 31 May 2022 13:57

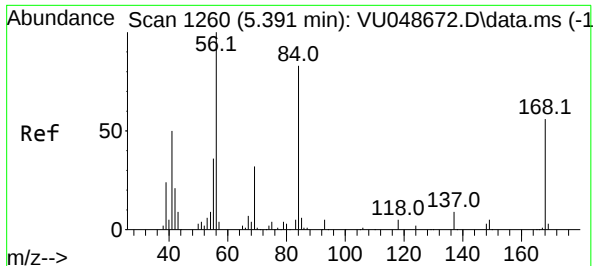
Tgt Ion: 83 Resp: 1292

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.2#





#31

Cyclohexane

Concen: 2.754 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

MW-02DL

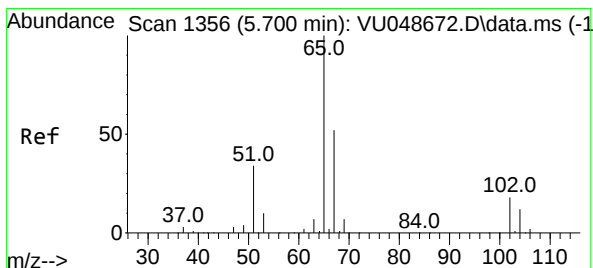
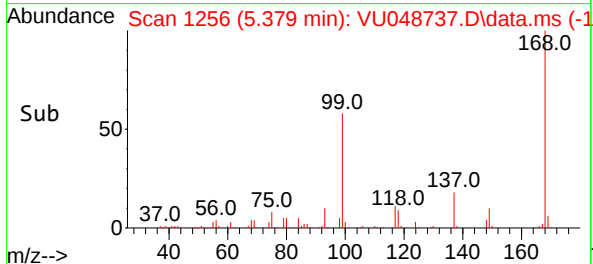
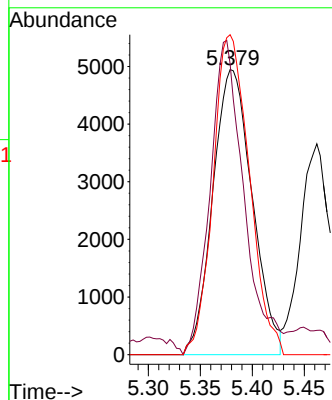
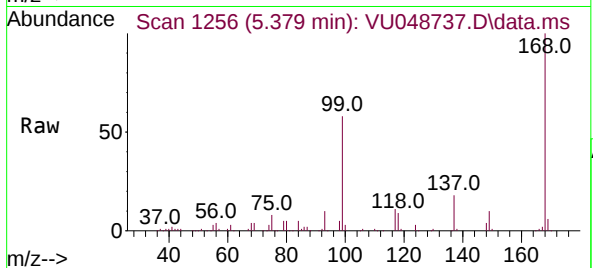
Tgt Ion: 56 Resp: 13039

Ion Ratio Lower Upper

56 100

69 99.9 25.6 38.4#

84 112.2 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 49.196 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048737.D

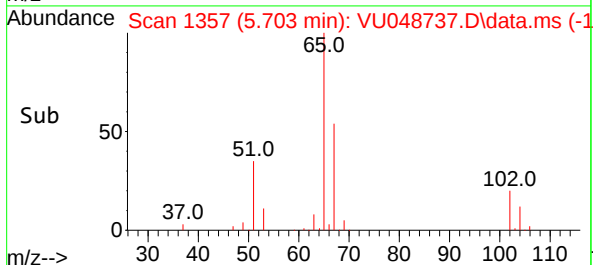
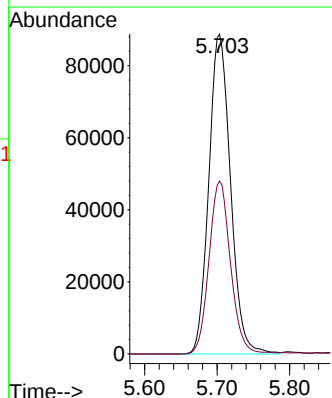
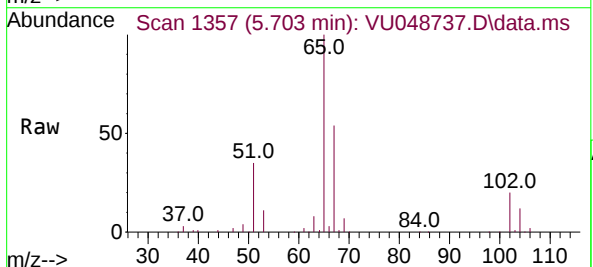
Acq: 31 May 2022 13:57

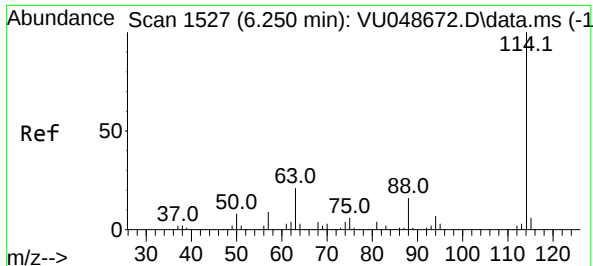
Tgt Ion: 65 Resp: 184847

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0

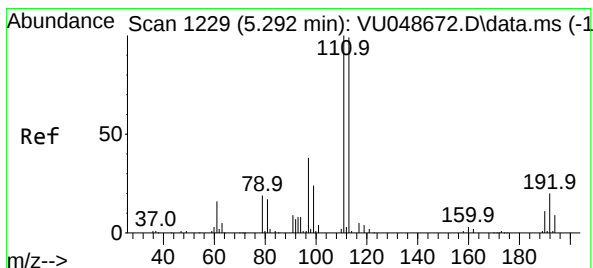
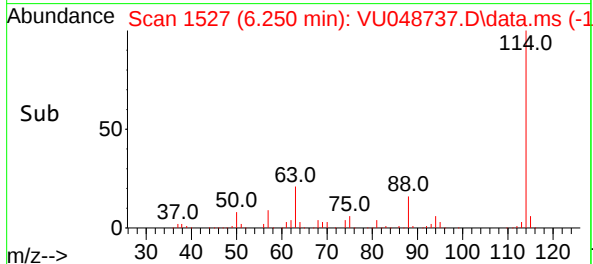
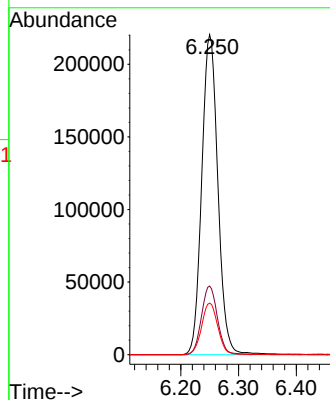
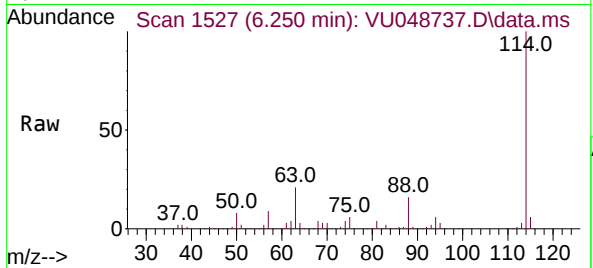




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

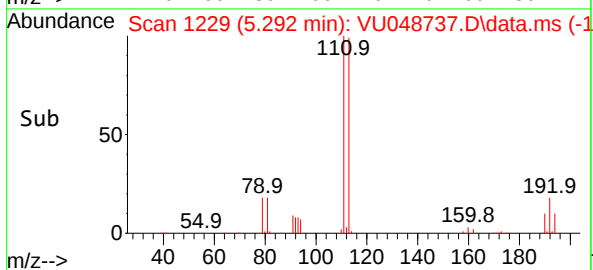
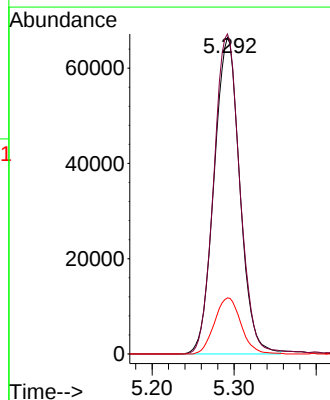
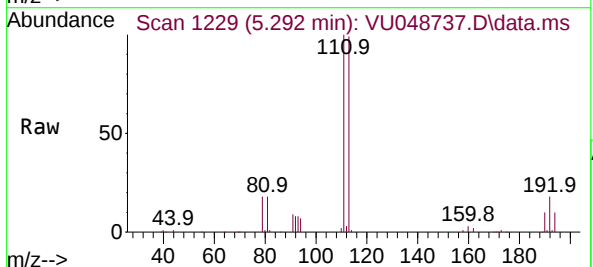
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

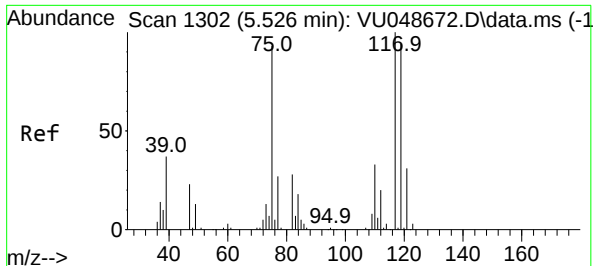
Tgt Ion:114 Resp: 427065
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.6
88 16.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.510 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion:113 Resp: 144753
Ion Ratio Lower Upper
113 100
111 102.8 80.7 121.1
192 18.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.585 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.154 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

MW-02DL

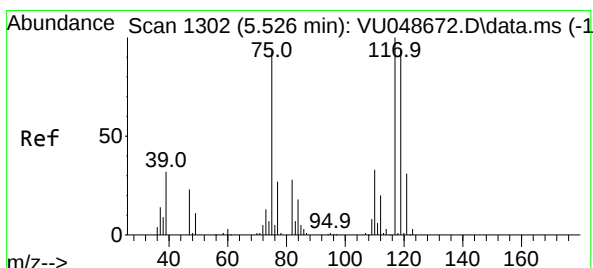
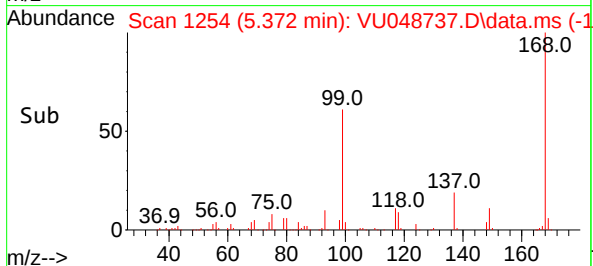
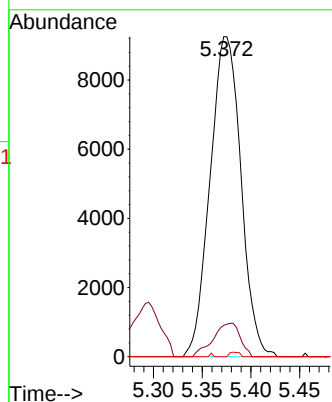
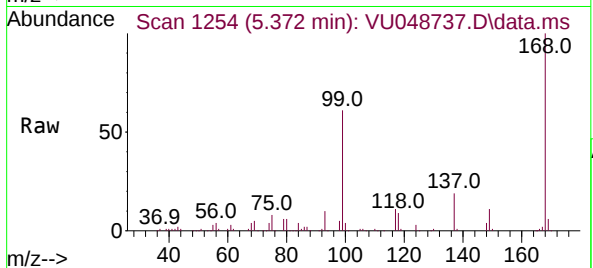
Tgt Ion: 75 Resp: 20390

Ion Ratio Lower Upper

75 100

110 9.2 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.193 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

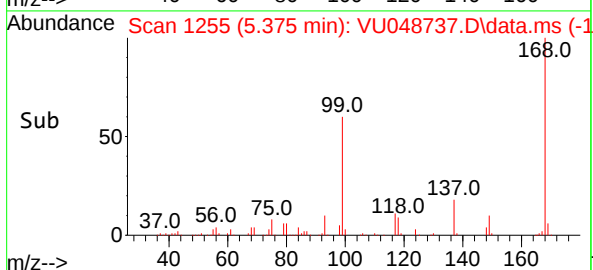
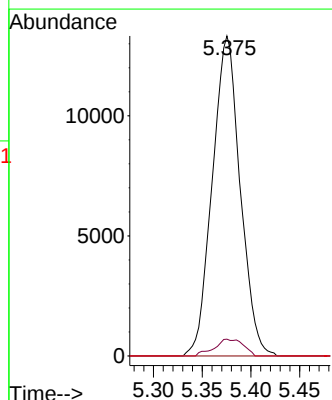
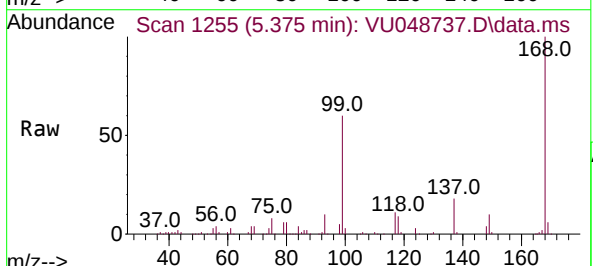
Tgt Ion: 117 Resp: 26491

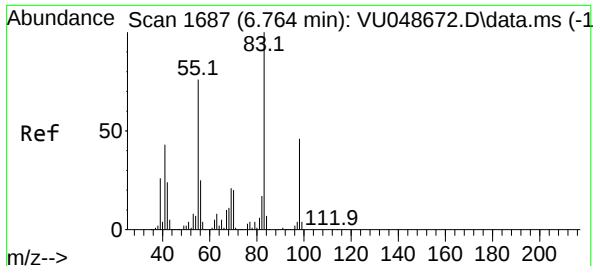
Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.2#

121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 1.753 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

MW-02DL

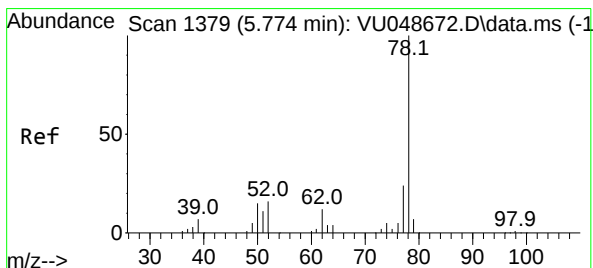
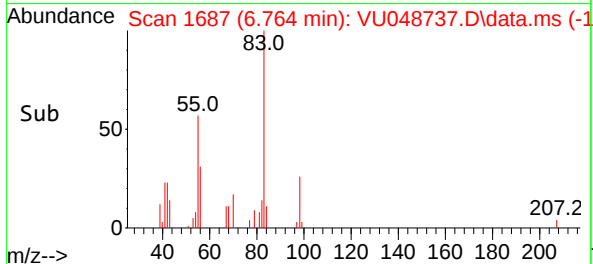
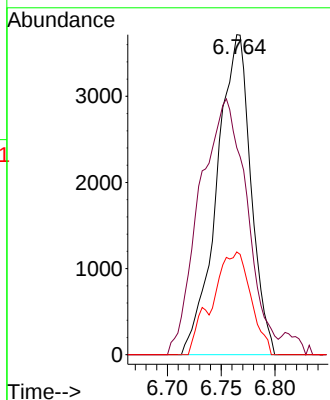
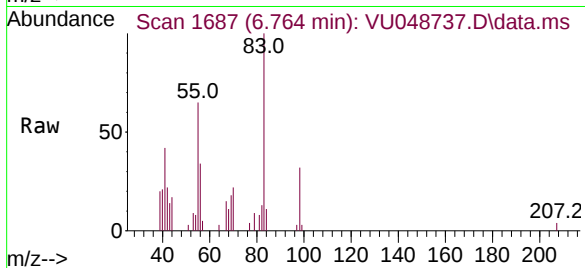
Tgt Ion: 83 Resp: 8174

Ion Ratio Lower Upper

83 100

55 59.9 61.0 91.6#

98 32.1 36.8 55.2#



#40

Benzene

Concen: 9.935 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.003 min

Lab File: VU048737.D

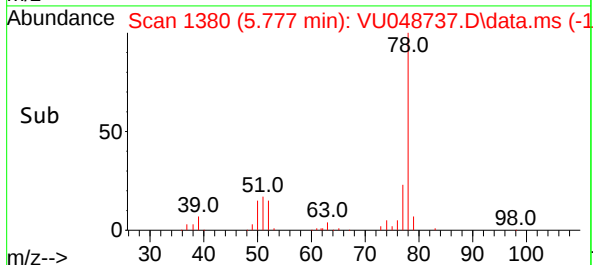
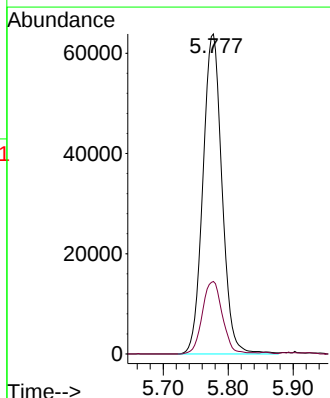
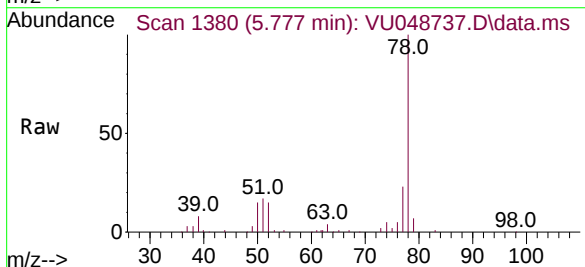
Acq: 31 May 2022 13:57

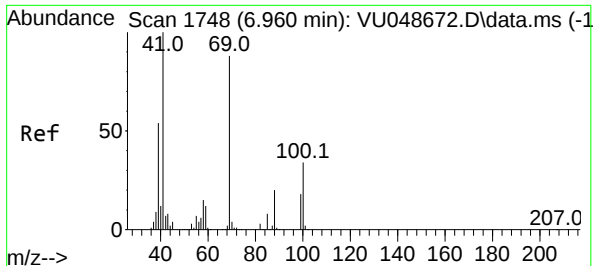
Tgt Ion: 78 Resp: 130430

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6





#48

Methyl methacrylate

Concen: 0.350 ug/l

RT: 6.983 min Scan# 1755

Delta R.T. 0.023 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

MW-02DL

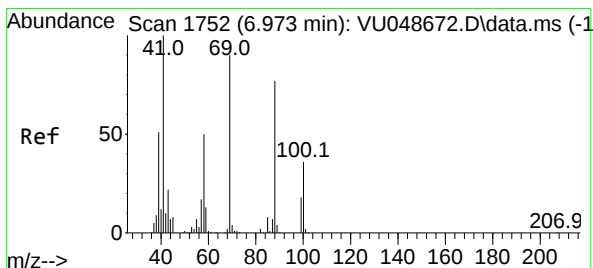
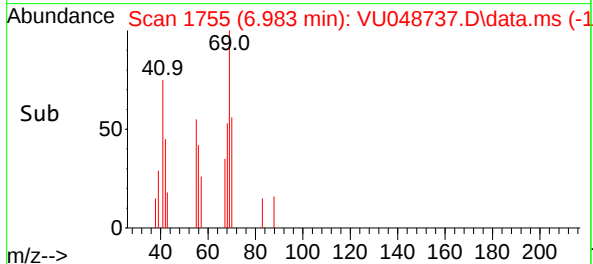
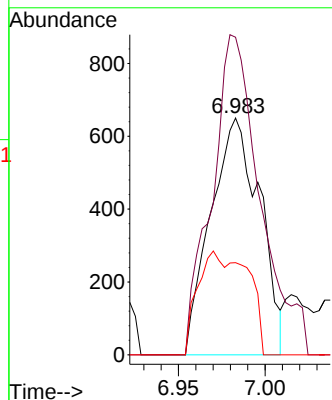
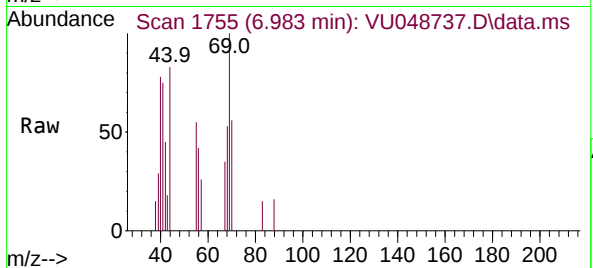
Tgt Ion: 41 Resp: 1283

Ion Ratio Lower Upper

41 100

69 133.4 70.7 106.1#

39 23.9 43.4 65.2#



#49

1,4-Dioxane

Concen: 0.989 ug/l

RT: 6.980 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

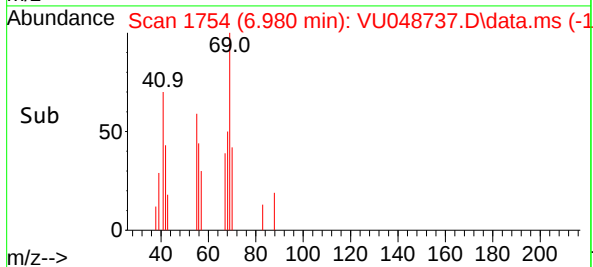
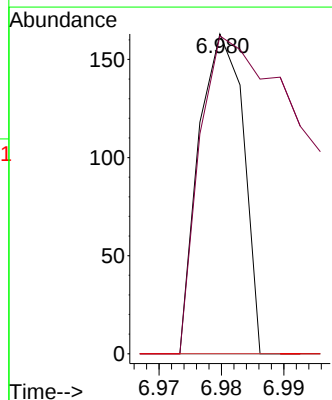
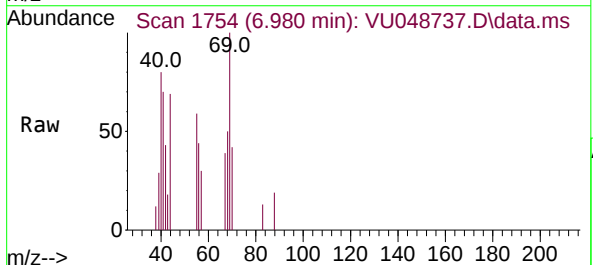
Tgt Ion: 88 Resp: 81

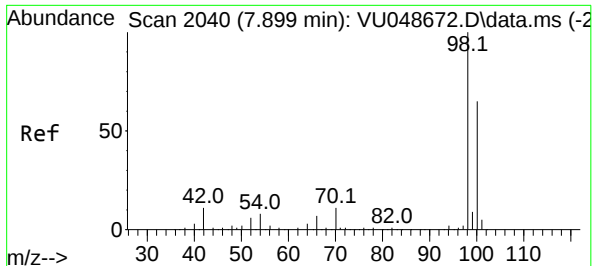
Ion Ratio Lower Upper

88 100

43 221.0 24.6 36.8#

58 0.0 54.7 82.1#





#50

Toluene-d8

Concen: 45.949 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

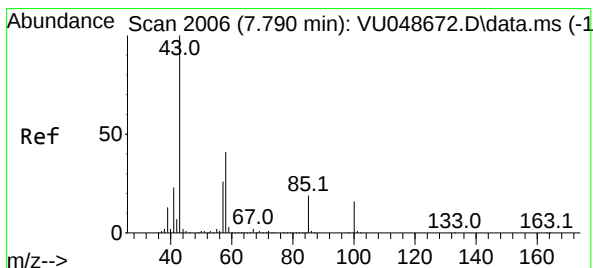
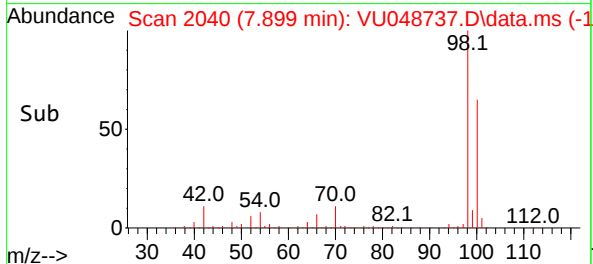
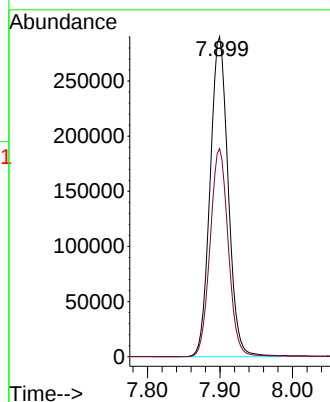
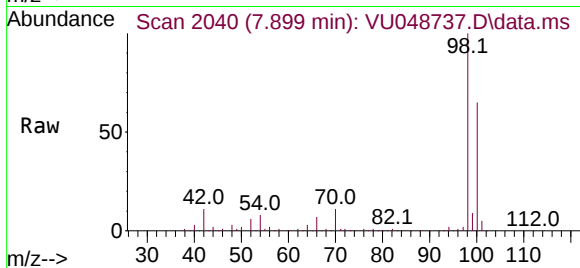
MW-02DL

Tgt Ion: 98 Resp: 501835

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 0.535 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU048737.D

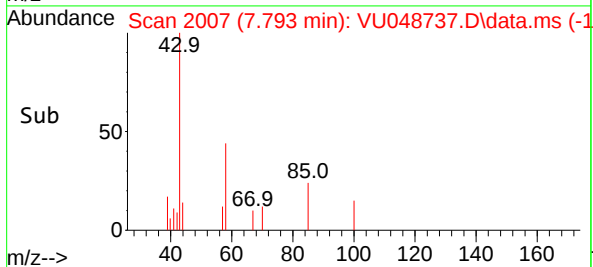
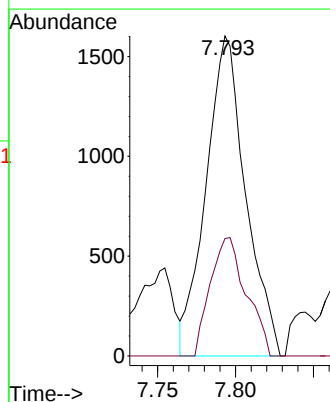
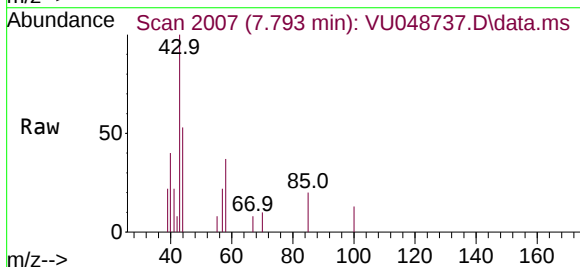
Acq: 31 May 2022 13:57

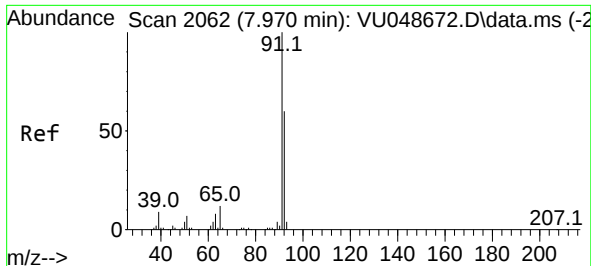
Tgt Ion: 43 Resp: 2837

Ion Ratio Lower Upper

43 100

58 33.6 32.7 49.1

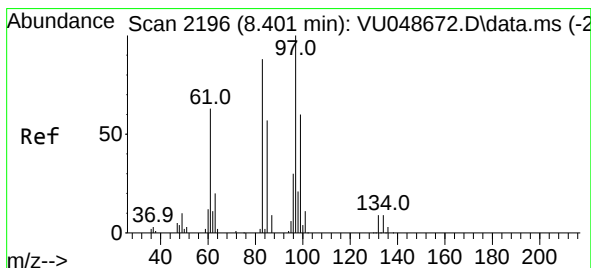
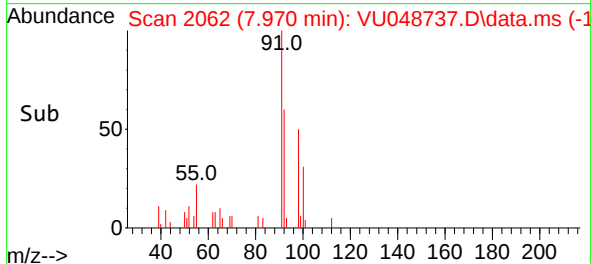
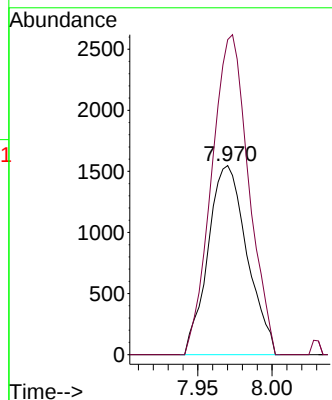
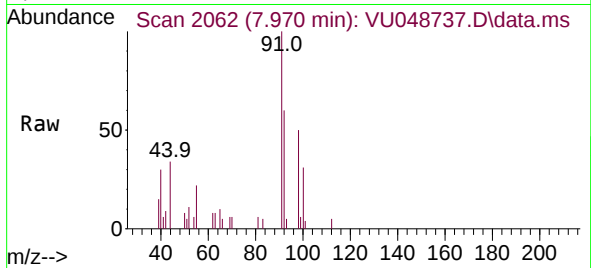




#52
Toluene
Concen: 0.359 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

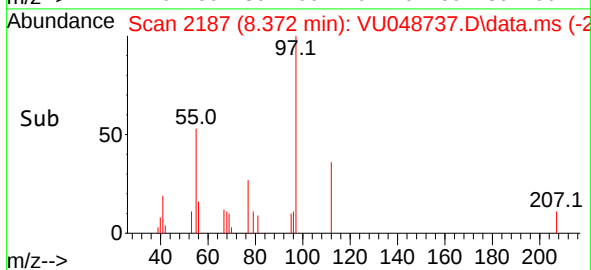
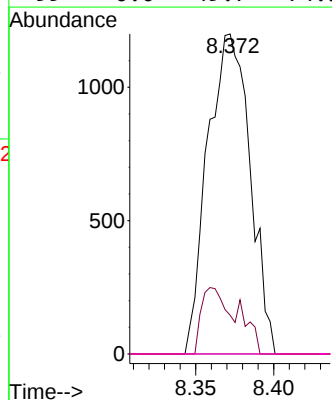
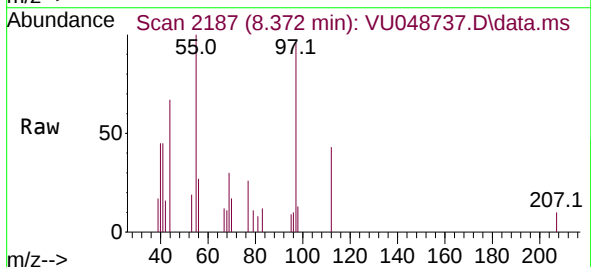
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

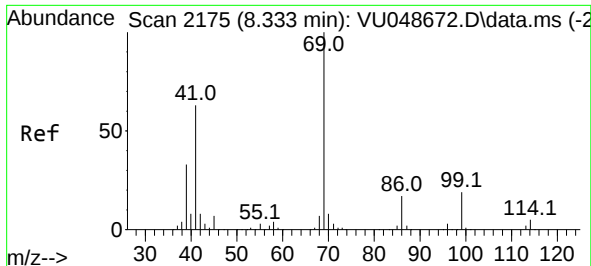
Tgt Ion: 92 Resp: 2820
Ion Ratio Lower Upper
92 100
91 161.2 135.0 202.4



#55
1,1,2-Trichloroethane
Concen: 0.654 ug/l
RT: 8.372 min Scan# 2187
Delta R.T. -0.029 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion: 97 Resp: 2265
Ion Ratio Lower Upper
97 100
83 12.1 70.2 105.4#
85 0.0 45.6 68.4#
99 0.0 49.7 74.5#

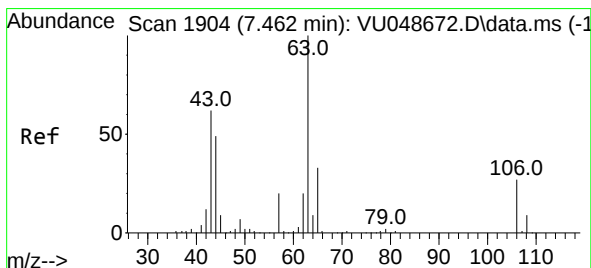
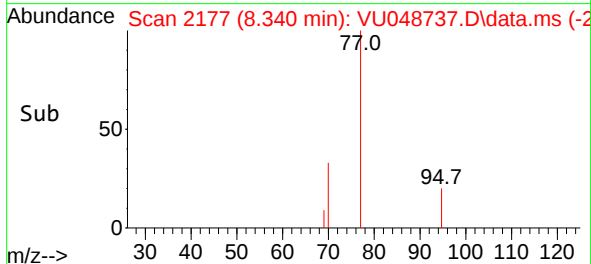
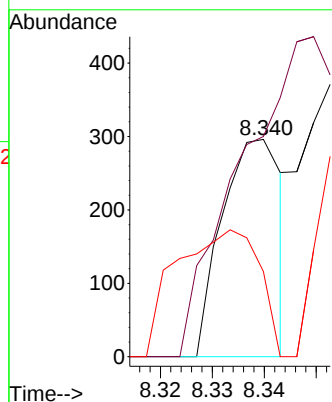
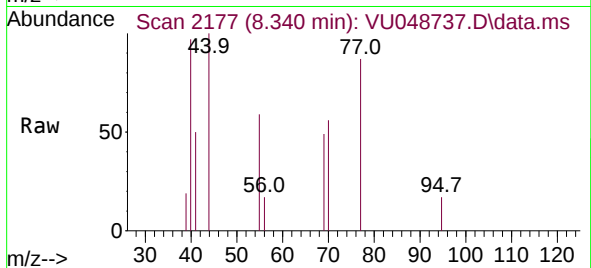




#56
Ethyl methacrylate
Concen: 2.654 ug/l
RT: 8.340 min Scan# 2175
Delta R.T. 0.007 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

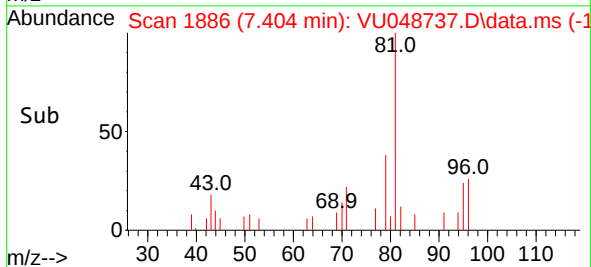
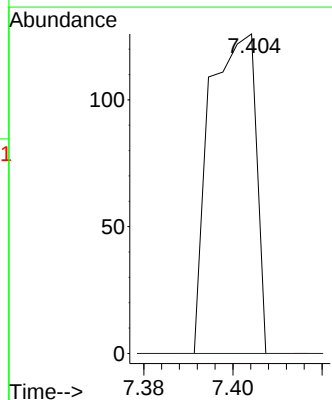
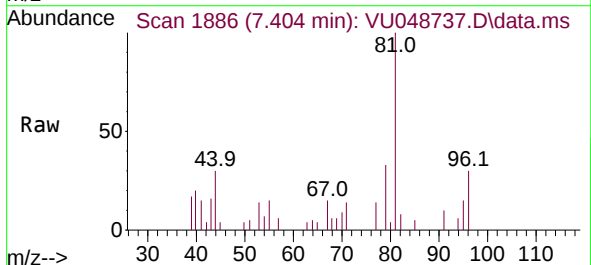
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

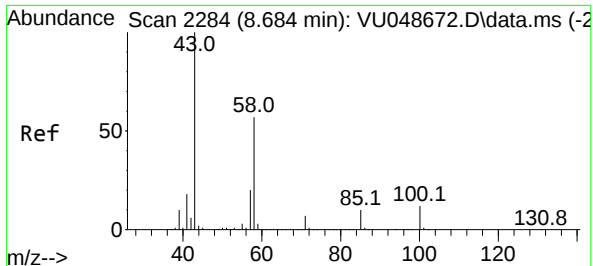
Tgt Ion: 69 Resp: 235
Ion Ratio Lower Upper
69 100
41 223.0 50.6 76.0#
39 82.1 26.6 40.0#



#58
2-Chloroethyl Vinyl ether
Concen: 29.822 ug/l
RT: 7.404 min Scan# 1886
Delta R.T. -0.058 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion: 63 Resp: 90
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#





#59

2-Hexanone

Concen: 0.618 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

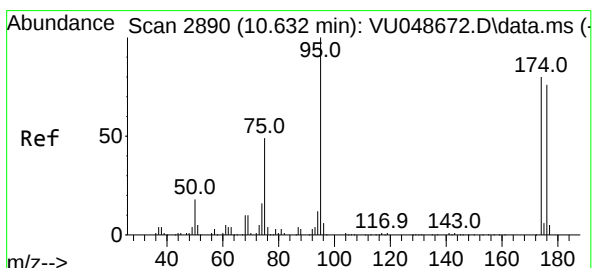
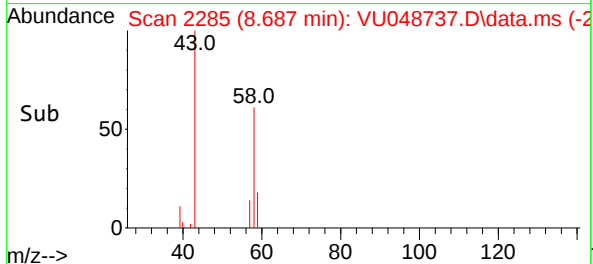
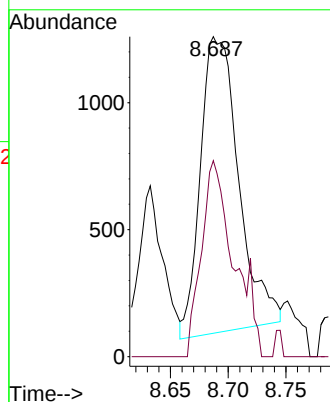
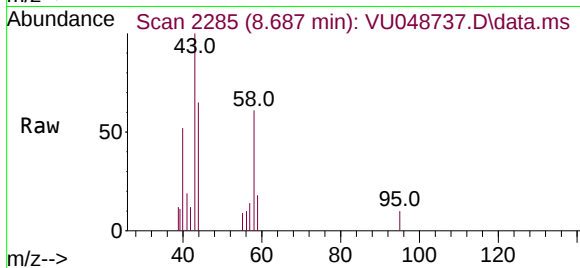
MW-02DL

Tgt Ion: 43 Resp: 2687

Ion Ratio Lower Upper

43 100

58 56.2 28.2 84.6



#62

4-Bromofluorobenzene

Concen: 45.148 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.000 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

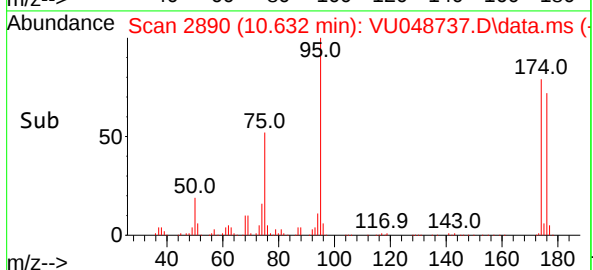
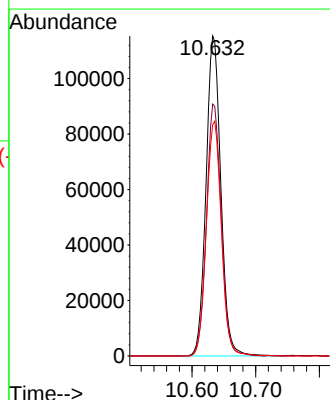
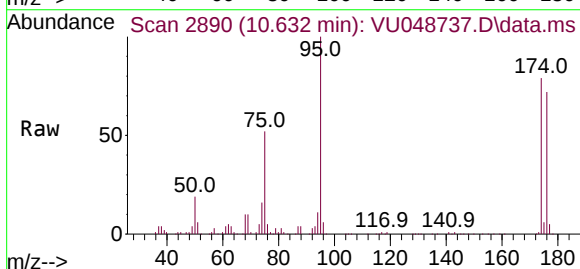
Tgt Ion: 95 Resp: 186481

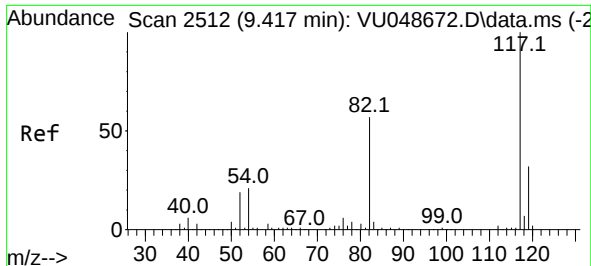
Ion Ratio Lower Upper

95 100

174 78.7 0.0 159.4

176 74.6 0.0 152.4

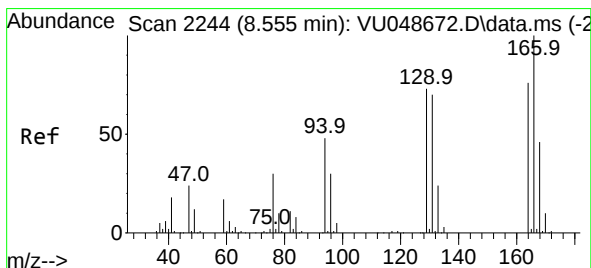
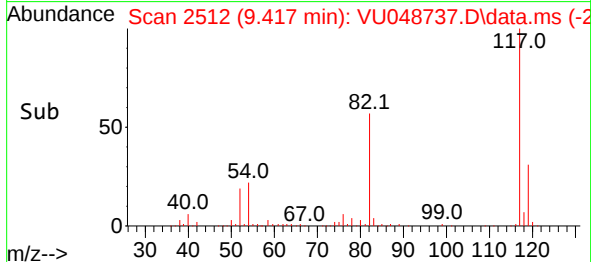
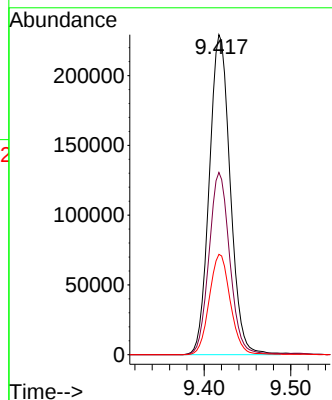
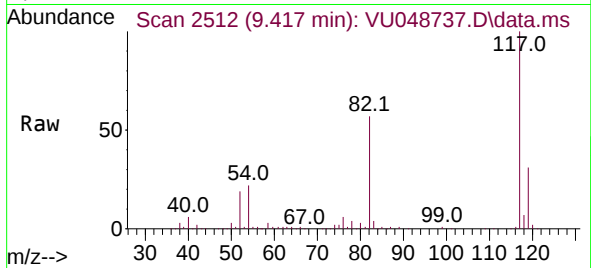




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

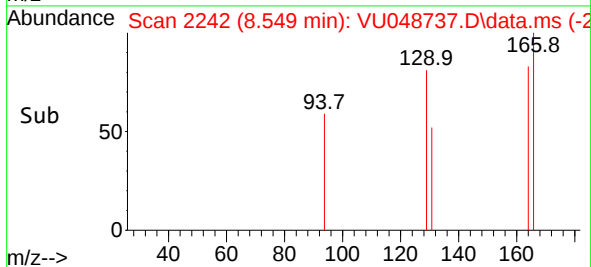
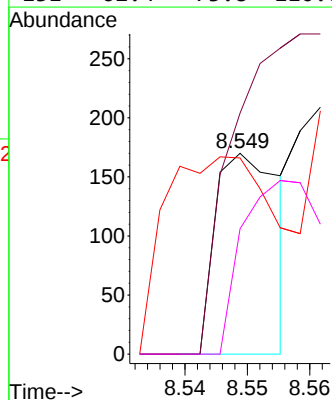
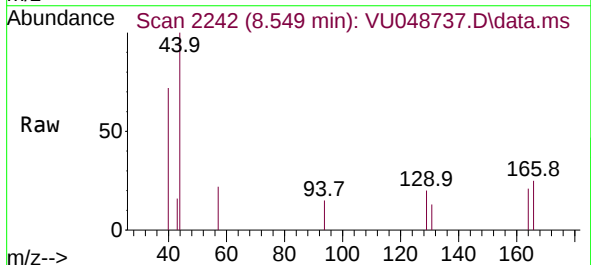
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

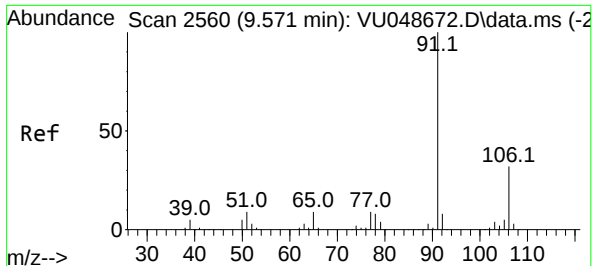
Tgt Ion:117 Resp: 384881
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.3 25.4 38.2



#64
Tetrachloroethene
Concen: Below Cal
RT: 8.549 min Scan# 2242
Delta R.T. -0.006 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion:164 Resp: 121
Ion Ratio Lower Upper
164 100
166 120.0 105.0 157.4
129 34.7 76.5 114.7#
131 62.4 73.8 110.6#





#67

Ethyl Benzene

Concen: 41.019 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

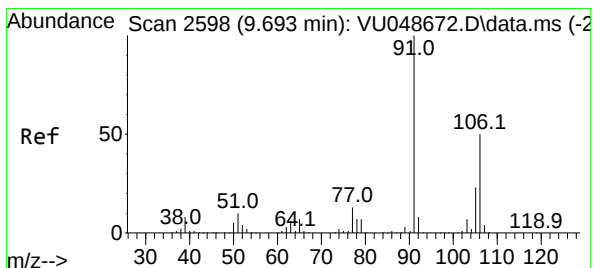
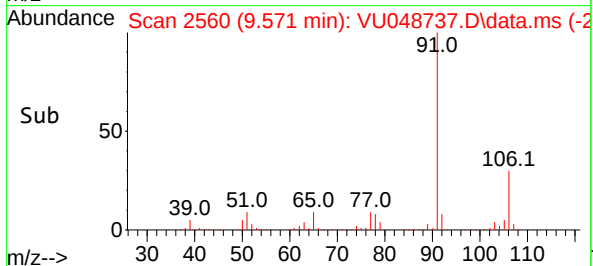
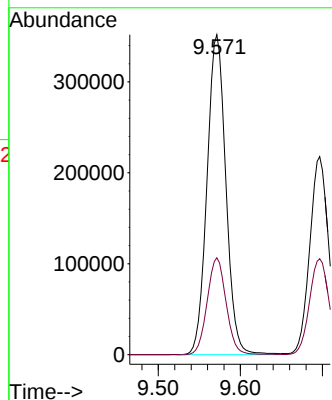
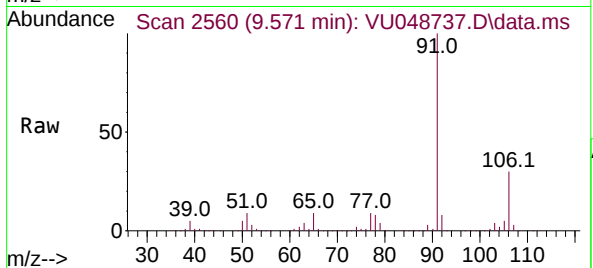
MW-02DL

Tgt Ion: 91 Resp: 563167

Ion Ratio Lower Upper

91 100

106 30.3 25.4 38.2



#68

m/p-Xylenes

Concen: 32.564 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU048737.D

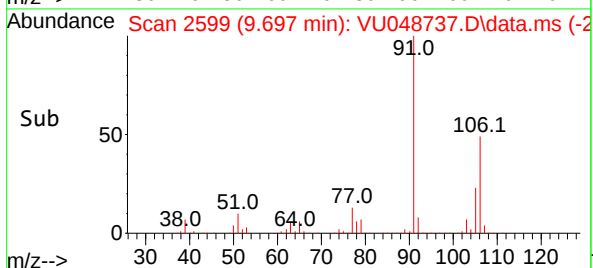
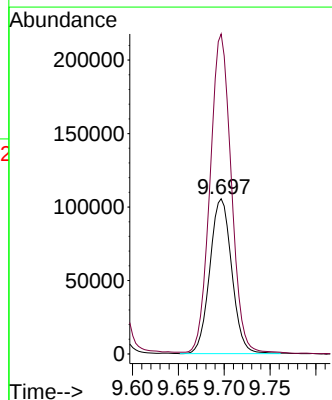
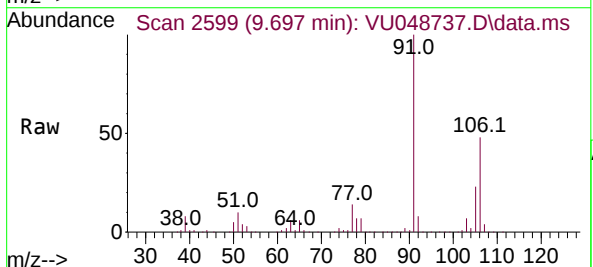
Acq: 31 May 2022 13:57

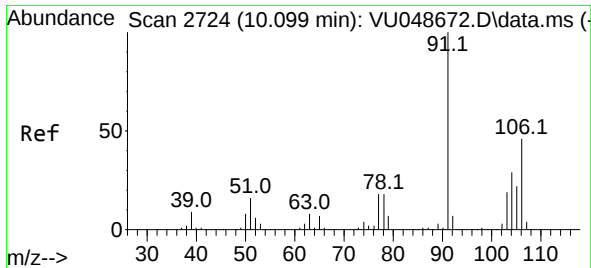
Tgt Ion: 106 Resp: 174860

Ion Ratio Lower Upper

106 100

91 200.8 162.4 243.6

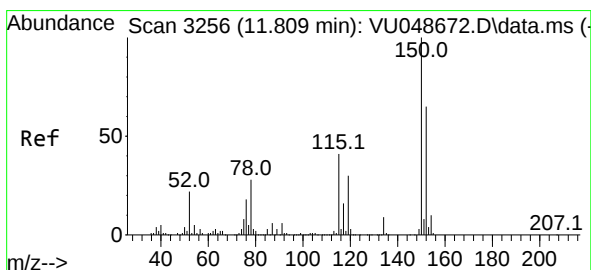
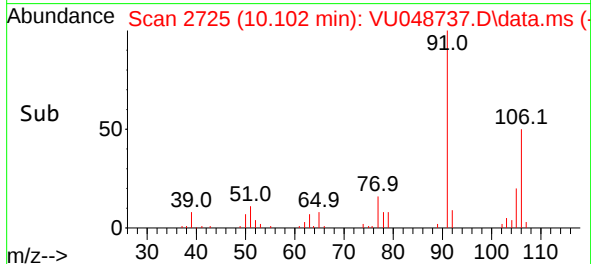
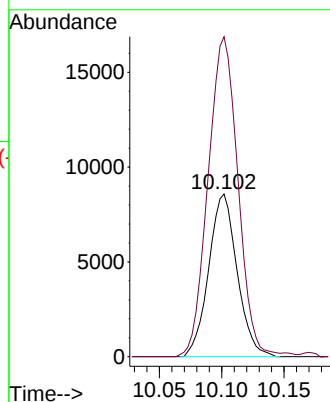
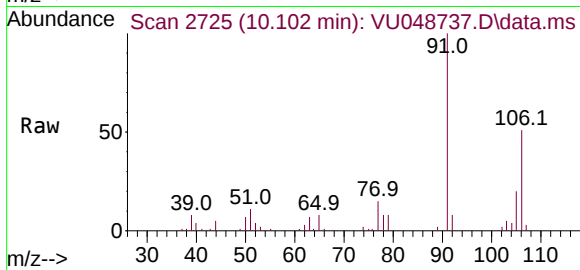




#69
o-Xylene
Concen: 2.584 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

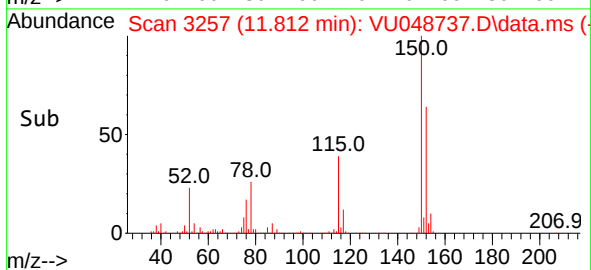
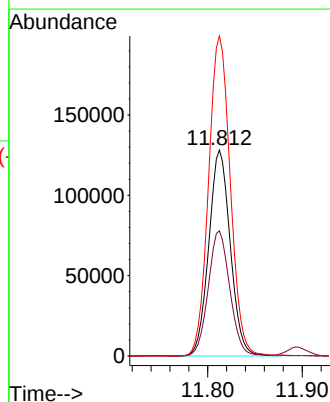
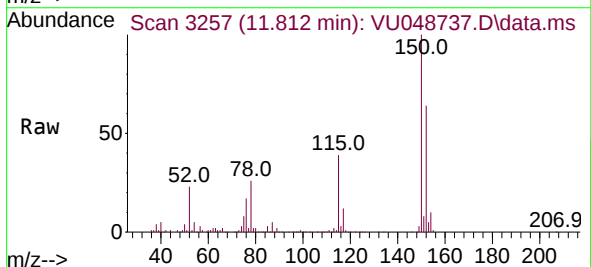
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

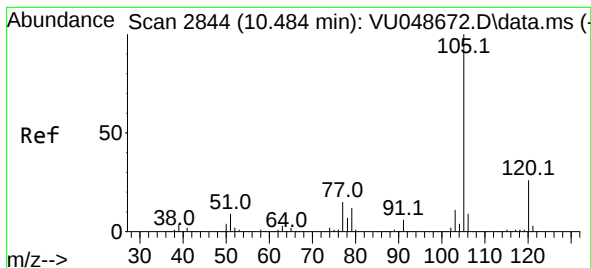
Tgt Ion:106 Resp: 13632
Ion Ratio Lower Upper
106 100
91 207.4 107.7 323.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion:152 Resp: 202205
Ion Ratio Lower Upper
152 100
115 61.0 41.8 125.4
150 157.4 0.0 341.0





#73

Isopropylbenzene

Concen: 3.167 ug/l

RT: 10.484 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

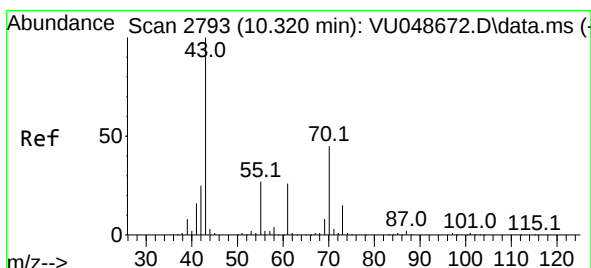
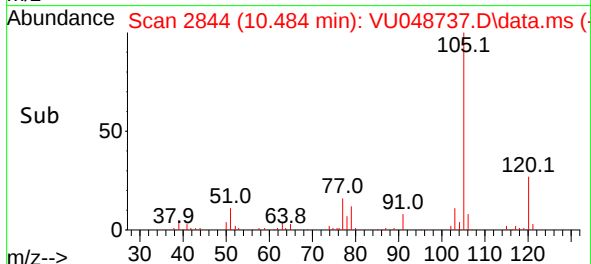
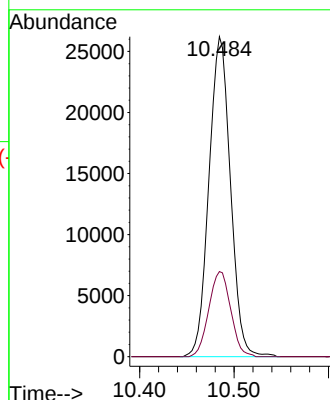
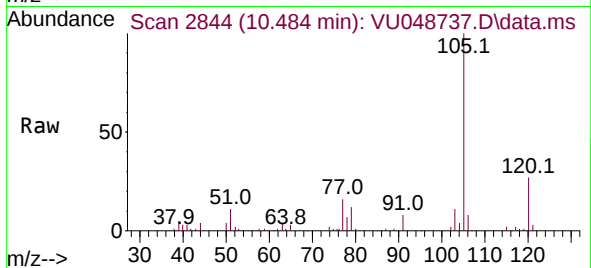
MW-02DL

Tgt Ion:105 Resp: 41348

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.6



#74

N-ethyl acetate

Concen: 2.611 ug/l

RT: 10.327 min Scan# 2795

Delta R.T. 0.007 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Tgt Ion: 43 Resp: 1003

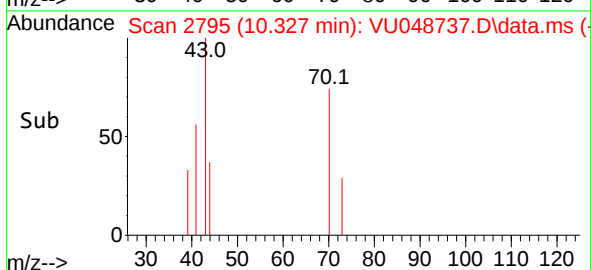
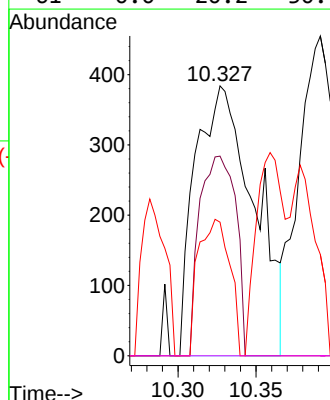
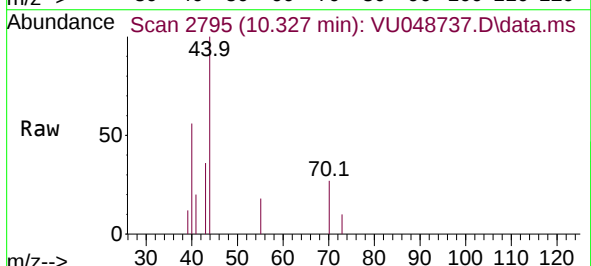
Ion Ratio Lower Upper

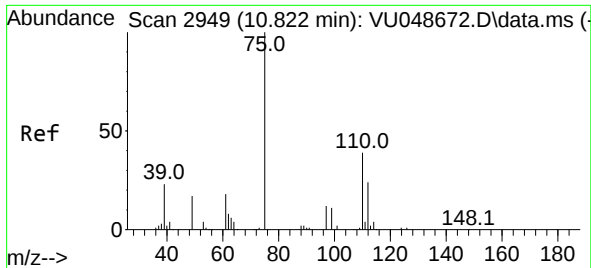
43 100

70 45.4 35.8 53.6

55 27.0 21.1 31.7

61 0.0 20.2 30.4#

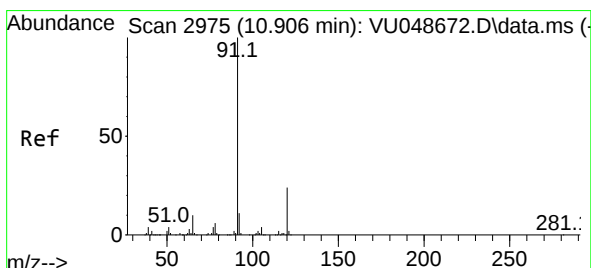
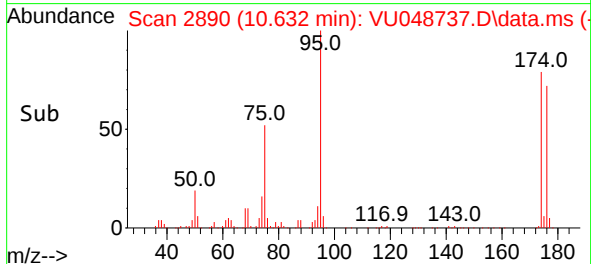
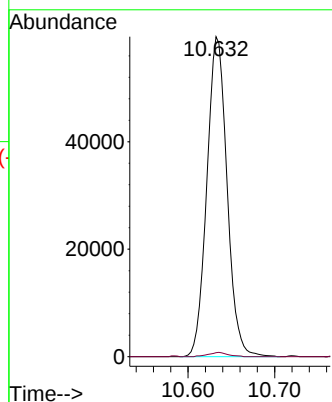
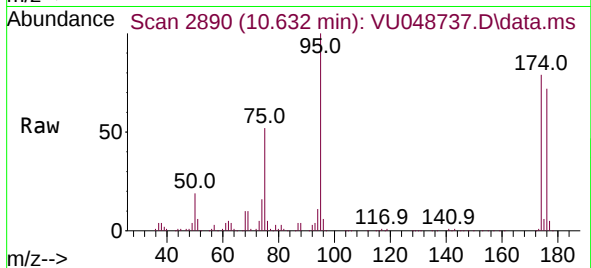




#76
1,2,3-Trichloropropane
Concen: 14.804 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.190 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

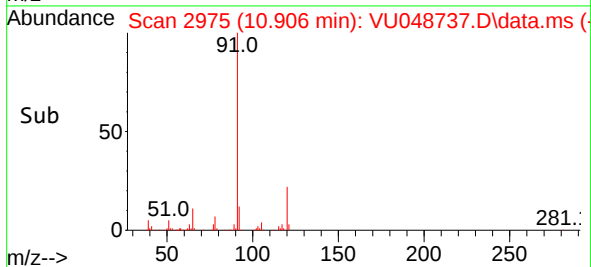
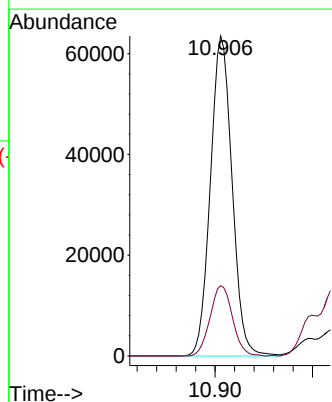
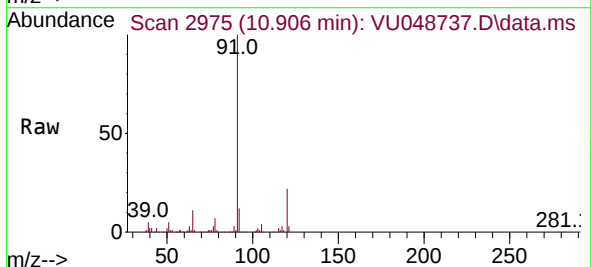
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

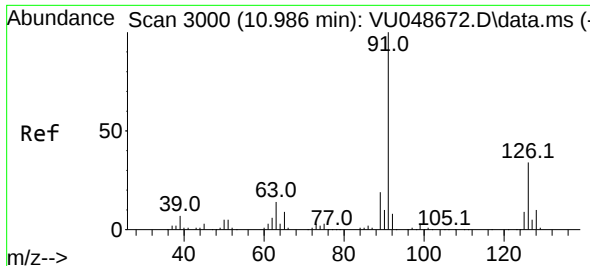
Tgt Ion: 75 Resp: 96516
Ion Ratio Lower Upper
75 100
77 1.3 14.8 44.3#



#78
n-propylbenzene
Concen: 6.305 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion: 91 Resp: 98073
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

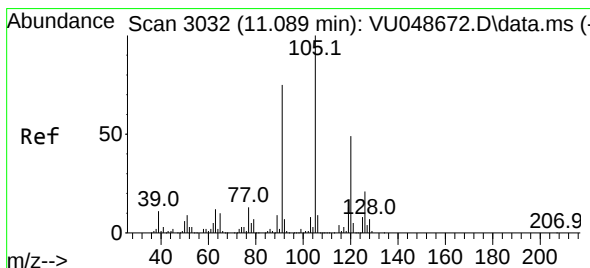
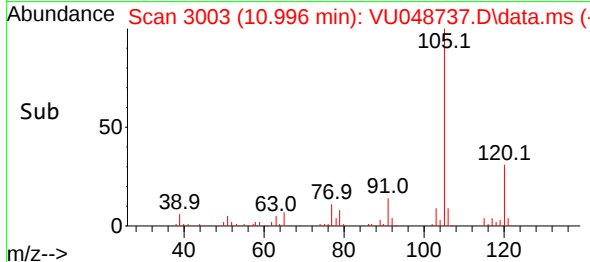
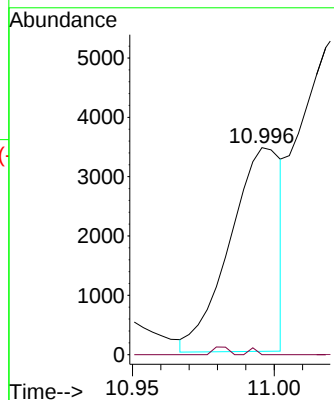
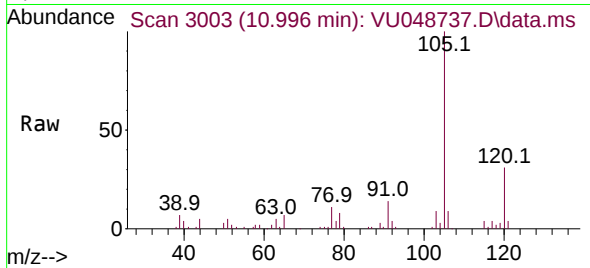




#79
2-Chlorotoluene
Concen: 0.445 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. 0.010 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

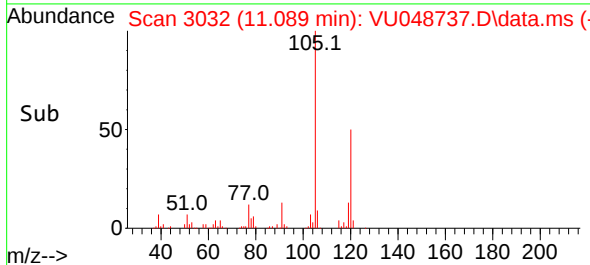
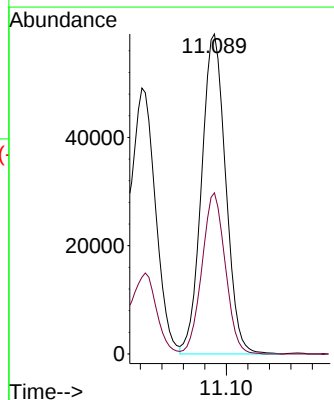
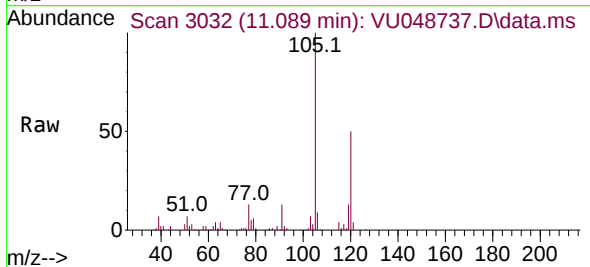
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

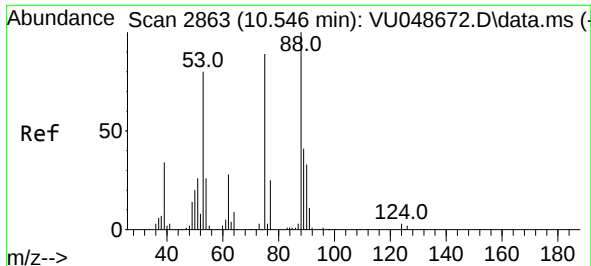
Tgt Ion: 91 Resp: 4305
Ion Ratio Lower Upper
91 100
126 0.5 16.7 50.0#



#80
1,3,5-Trimethylbenzene
Concen: 8.105 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion: 105 Resp: 92009
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

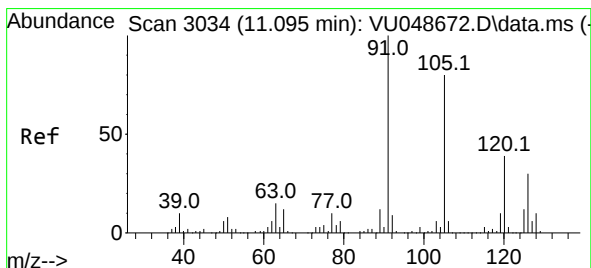
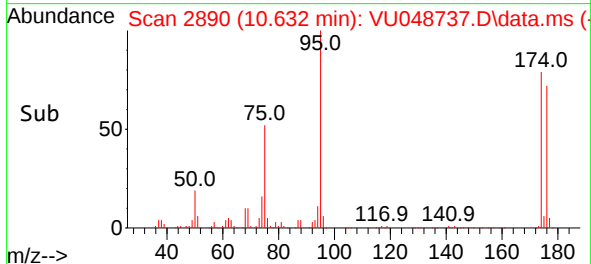
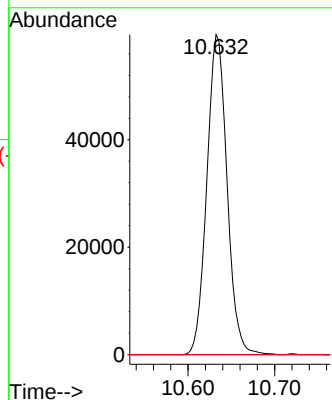
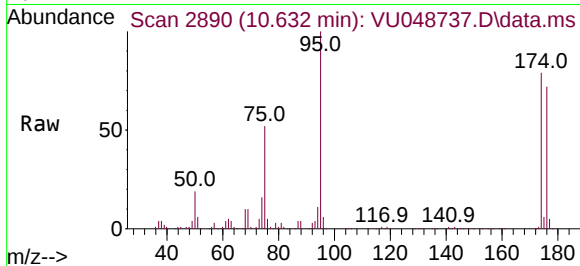




#81
trans-1,4-Dichloro-2-butene
Concen: 53.751 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

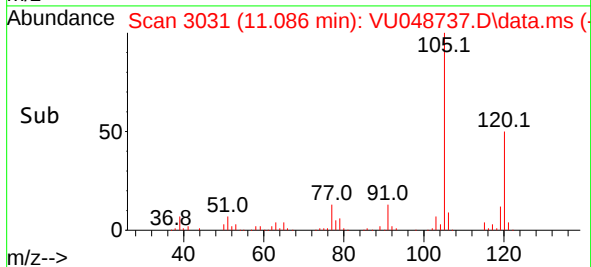
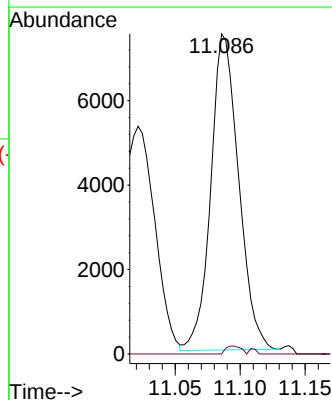
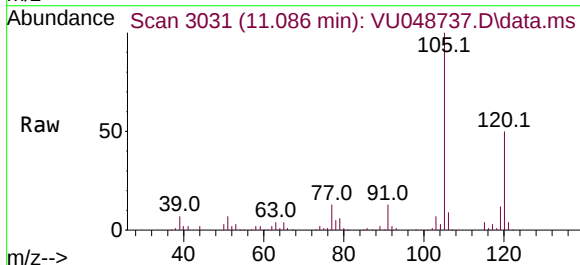
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

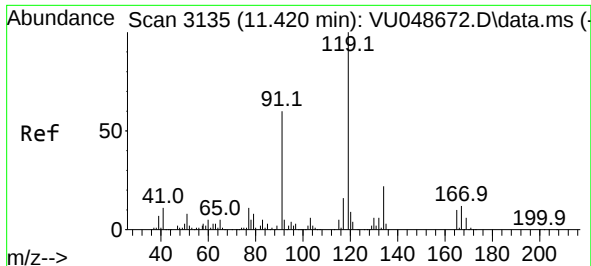
Tgt Ion: 75 Resp: 96516
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 0.999 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.010 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion: 91 Resp: 11153
Ion Ratio Lower Upper
91 100
126 1.4 14.4 43.2#

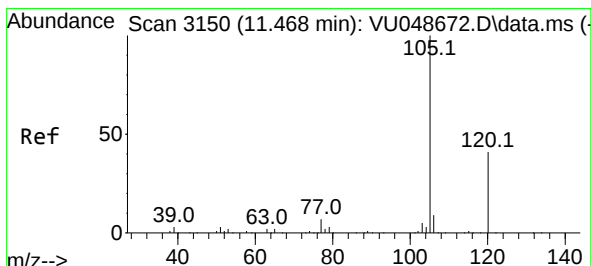
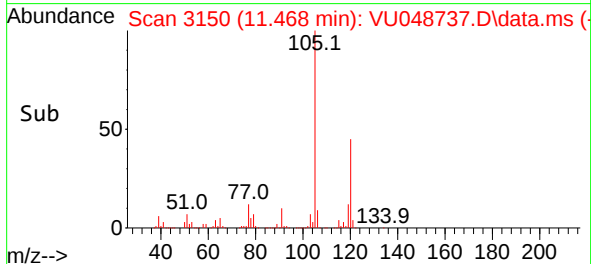
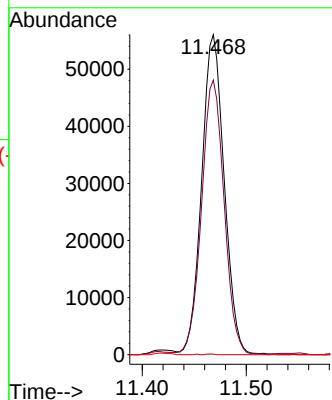
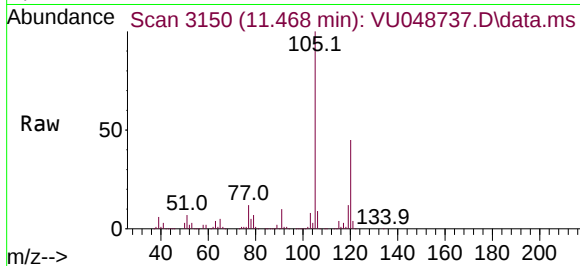




#83
 tert-Butylbenzene
 Concen: 7.767 ug/l
 RT: 11.468 min Scan# 3135
 Delta R.T. 0.048 min
 Lab File: VU048737.D
 Acq: 31 May 2022 13:57

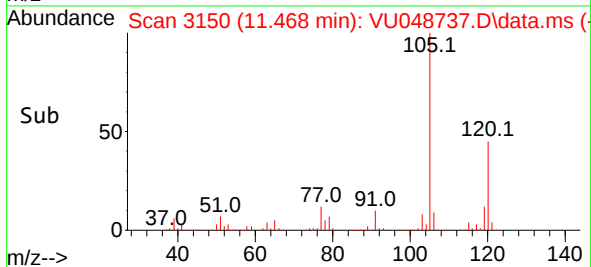
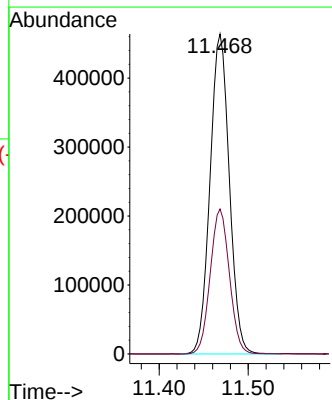
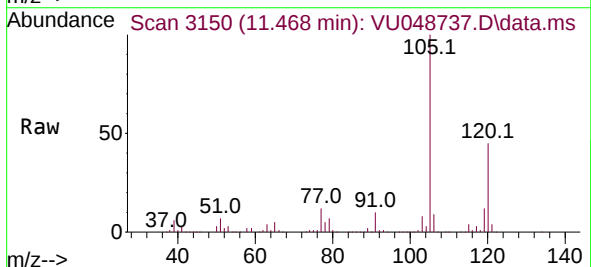
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02DL

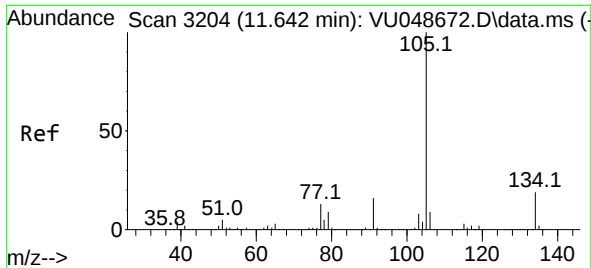
Tgt Ion:119 Resp: 84623
 Ion Ratio Lower Upper
 119 100
 91 86.1 28.7 86.1
 134 0.1 10.8 32.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 56.851 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048737.D
 Acq: 31 May 2022 13:57

Tgt Ion:105 Resp: 697591
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5

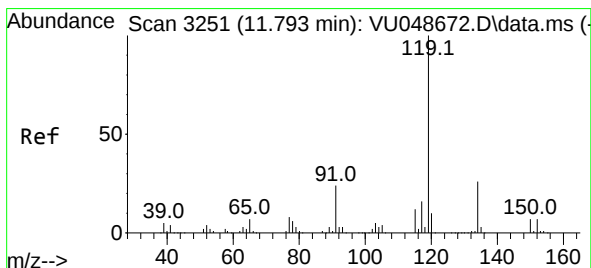
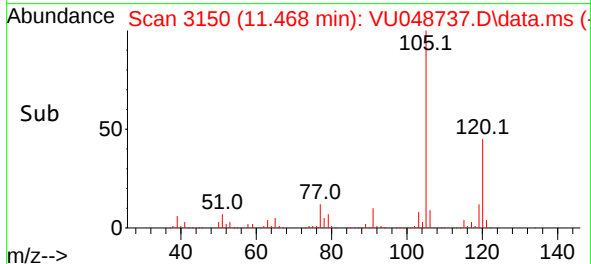
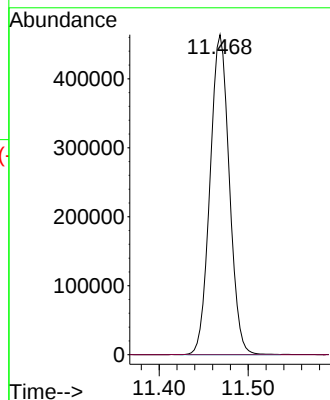
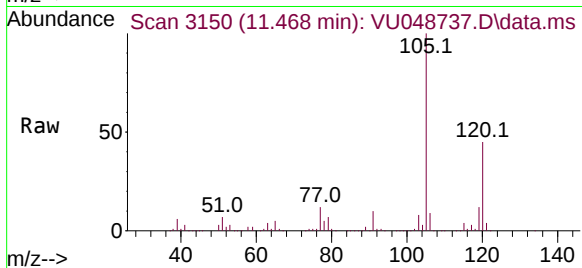




#85
 sec-Butylbenzene
 Concen: 51.177 ug/l
 RT: 11.468 min Scan# 31
 Delta R.T. -0.174 min
 Lab File: VU048737.D
 Acq: 31 May 2022 13:57

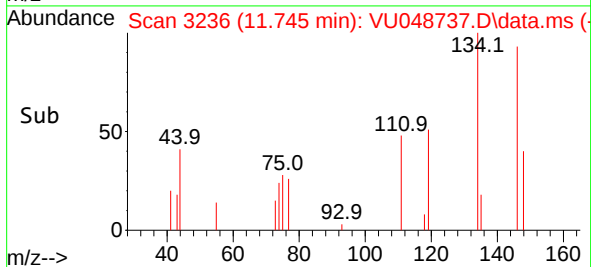
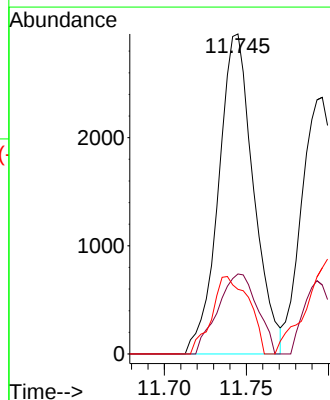
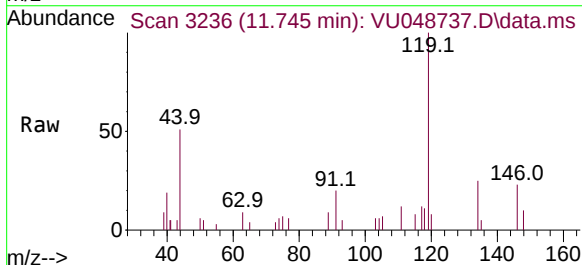
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02DL

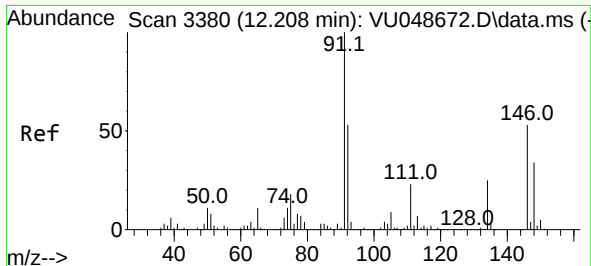
Tgt Ion:105 Resp: 697591
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 0.375 ug/l
 RT: 11.745 min Scan# 3236
 Delta R.T. -0.048 min
 Lab File: VU048737.D
 Acq: 31 May 2022 13:57

Tgt Ion:119 Resp: 4390
 Ion Ratio Lower Upper
 119 100
 134 28.0 12.8 38.4
 91 25.5 12.0 36.0





#89

n-Butylbenzene

Concen: 2.773 ug/l

RT: 12.195 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

MW-02DL

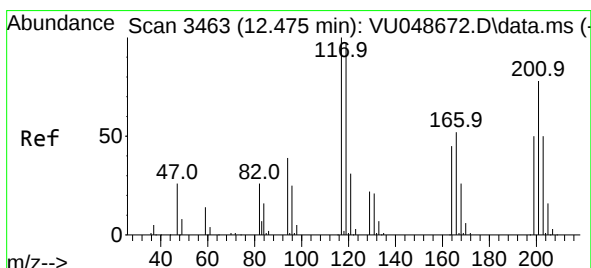
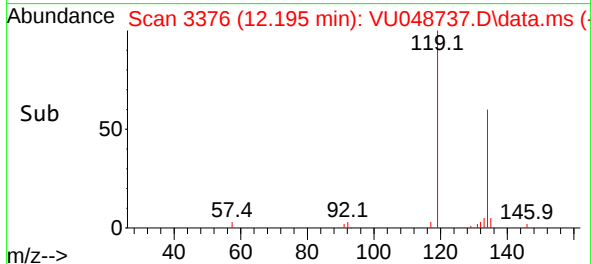
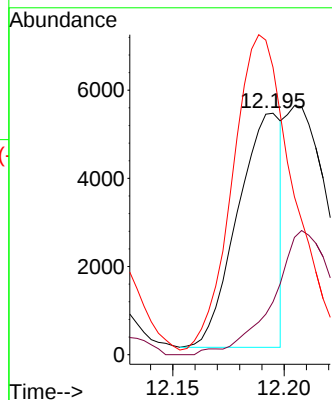
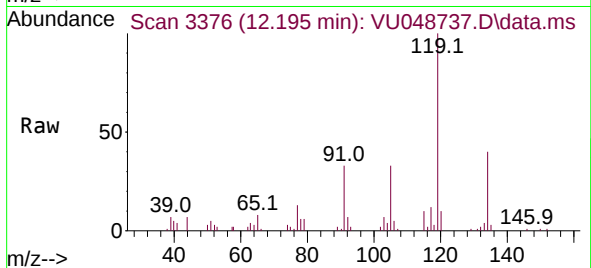
Tgt Ion: 91 Resp: 7200

Ion Ratio Lower Upper

91 100

92 70.1 25.9 77.8

134 194.8 12.5 37.5#



#90

Hexachloroethane

Concen: 1.633 ug/l

RT: 12.465 min Scan# 3460

Delta R.T. -0.010 min

Lab File: VU048737.D

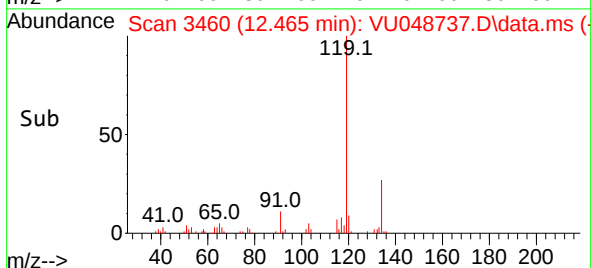
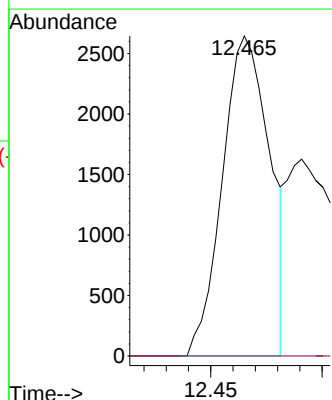
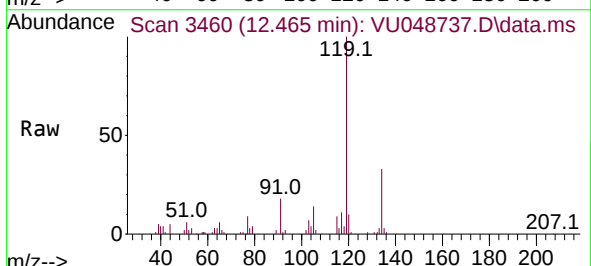
Acq: 31 May 2022 13:57

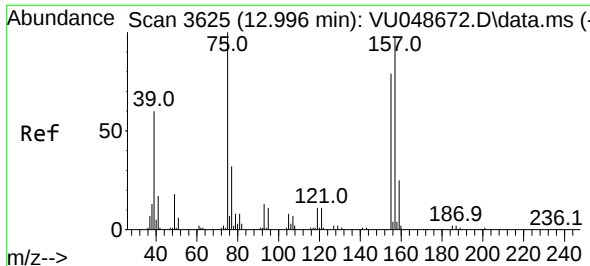
Tgt Ion: 117 Resp: 3901

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.362 ug/l

RT: 12.976 min Scan# 3619

Delta R.T. -0.019 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

MW-02DL

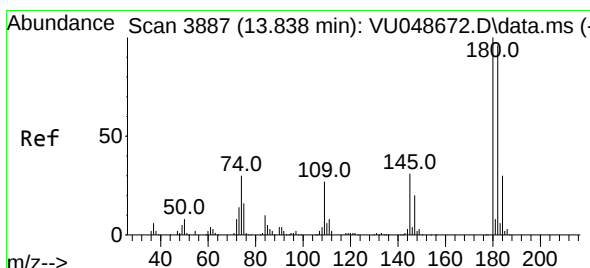
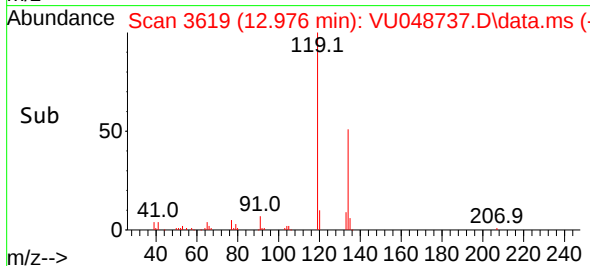
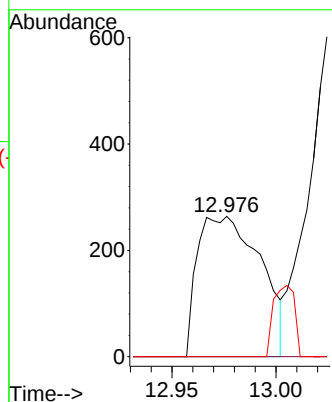
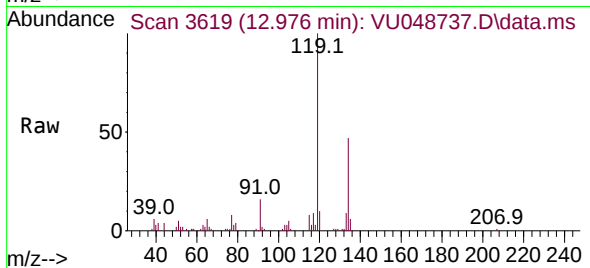
Tgt Ion: 75 Resp: 556

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: 0.363 ug/l

RT: 13.844 min Scan# 3889

Delta R.T. 0.006 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

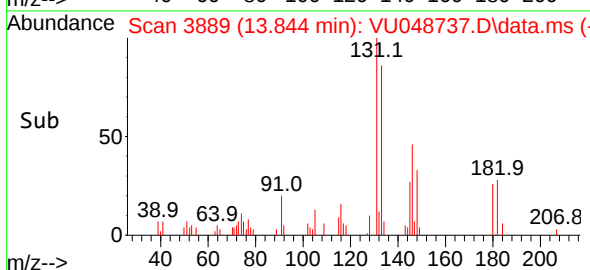
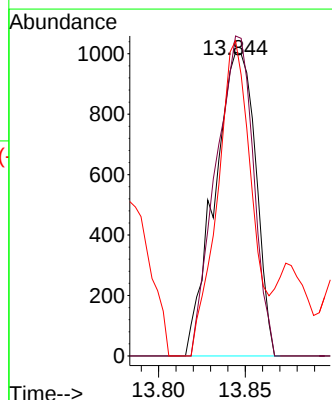
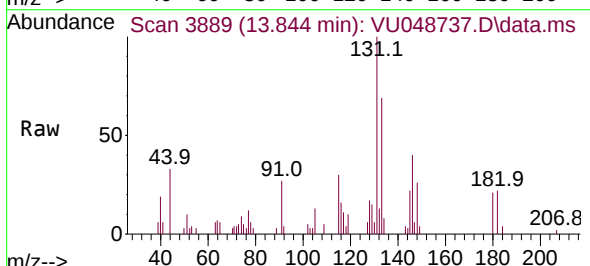
Tgt Ion:180 Resp: 1656

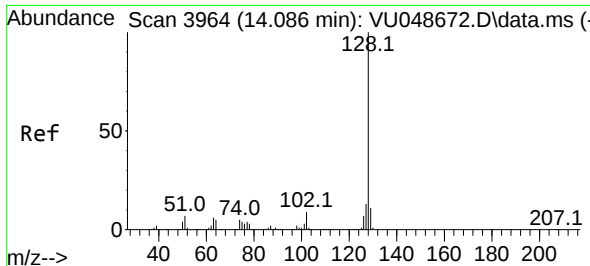
Ion Ratio Lower Upper

180 100

182 96.4 48.3 144.9

145 86.4 15.6 46.7#

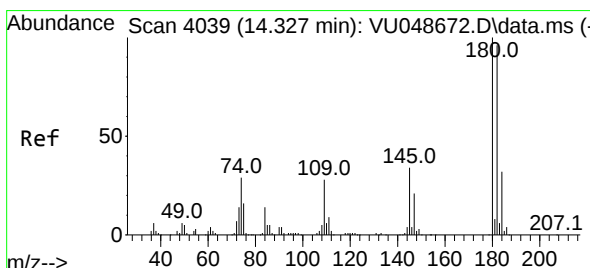
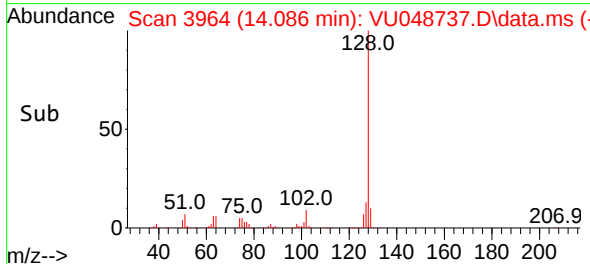
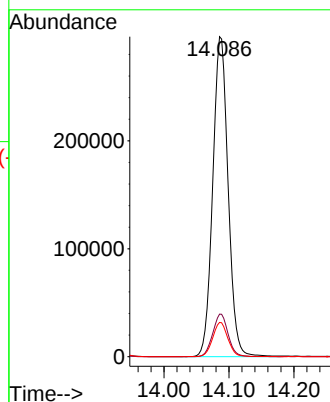
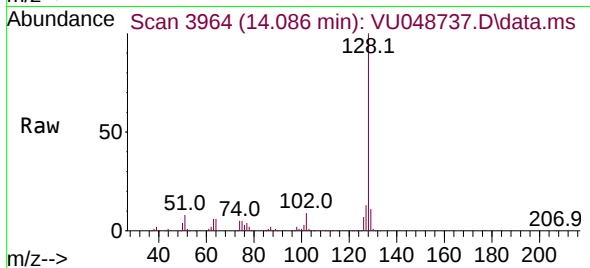




#95
Naphthalene
Concen: 31.573 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

Tgt Ion:128	Resp:	486882	
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.292 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Tgt Ion:180	Resp:	1319	
Ion	Ratio	Lower	Upper
180	100		
182	111.8	47.4	142.2
145	100.3	16.6	49.8#

