

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048778.D
 Acq On : 01 Jun 2022 13:42
 Operator : SY/MD
 Sample : N3056-02DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

Quant Time: Jun 01 15:20:41 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	5.372	168	218843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	395087	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	372528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	194195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	231389	70.404	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 140.800%#	
35) Dibromofluoromethane	5.292	113	168622	59.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 119.640%	
50) Toluene-d8	7.899	98	357484	35.381	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 70.760%#	
62) 4-Bromofluorobenzene	10.632	95	149860	39.218	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 78.440%#	

Target Compounds				Qvalue		
5) Bromomethane	1.838	94	121	Below Cal	#	3
6) Chloroethane	1.941	64	2854	Below Cal	#	43
10) Methyl Iodide	2.735	142	60	3.021	ug/l #	37
11) Tert butyl alcohol	3.189	59	17025	20.432	ug/l #	29
13) Acrolein	2.485	56	532	Below Cal	#	65
15) Acrylonitrile	3.314	53	364	0.201	ug/l #	35
16) Acetone	2.623	43	8513	5.083	ug/l #	88
17) Carbon Disulfide	2.793	76	4800	0.738	ug/l	97
20) Methylene Chloride	3.044	84	2508	0.881	ug/l	93
25) 2-Butanone	4.723	43	1998	0.830	ug/l #	85
29) Tetrahydrofuran	5.057	42	410	0.271	ug/l #	41
31) Cyclohexane	5.375	56	4499	1.086	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	18144	4.411	ug/l #	48
38) Carbon Tetrachloride	5.375	117	22046	4.671	ug/l #	18
39) Methylcyclohexane	6.761	83	1948	0.452	ug/l #	88
40) Benzene	5.780	78	8352	0.688	ug/l #	86
49) 1,4-Dioxane	6.960	88	425	5.611	ug/l #	1
51) 4-Methyl-2-Pentanone	7.796	43	4861	0.992	ug/l	99
52) Toluene	7.970	92	1646	0.227	ug/l	83
56) Ethyl methacrylate	8.343	69	815	2.766	ug/l #	70
59) 2-Hexanone	8.690	43	4797	1.192	ug/l	88
64) Tetrachloroethene	8.549	164	194	Below Cal	#	88
67) Ethyl Benzene	9.571	91	98098	7.382	ug/l	96
68) m/p-Xylenes	9.697	106	5084	0.978	ug/l	99
69) o-Xylene	10.102	106	7932	1.553	ug/l	90
70) Styrene	10.118	104	4564	0.543	ug/l #	78
73) Isopropylbenzene	10.484	105	22168	1.768	ug/l	99
74) N-amyl acetate	10.327	43	2191	2.795	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	10.787	83	1171	0.229	ug/l #	83
76) 1,2,3-Trichloropropane	10.632	75	75224	12.014	ug/l #	48
78) n-propylbenzene	10.906	91	25707	1.721	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	18688	1.714	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.632	75	75224	43.622	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.468	105	162871	14.719	ug/l	97
85) sec-Butylbenzene	11.645	105	5449	0.416	ug/l	97
86) p-Isopropyltoluene	11.745	119	11918	1.060	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048778.D
 Acq On : 01 Jun 2022 13:42
 Operator : SY/MD
 Sample : N3056-02DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

Quant Time: Jun 01 15:20:41 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)

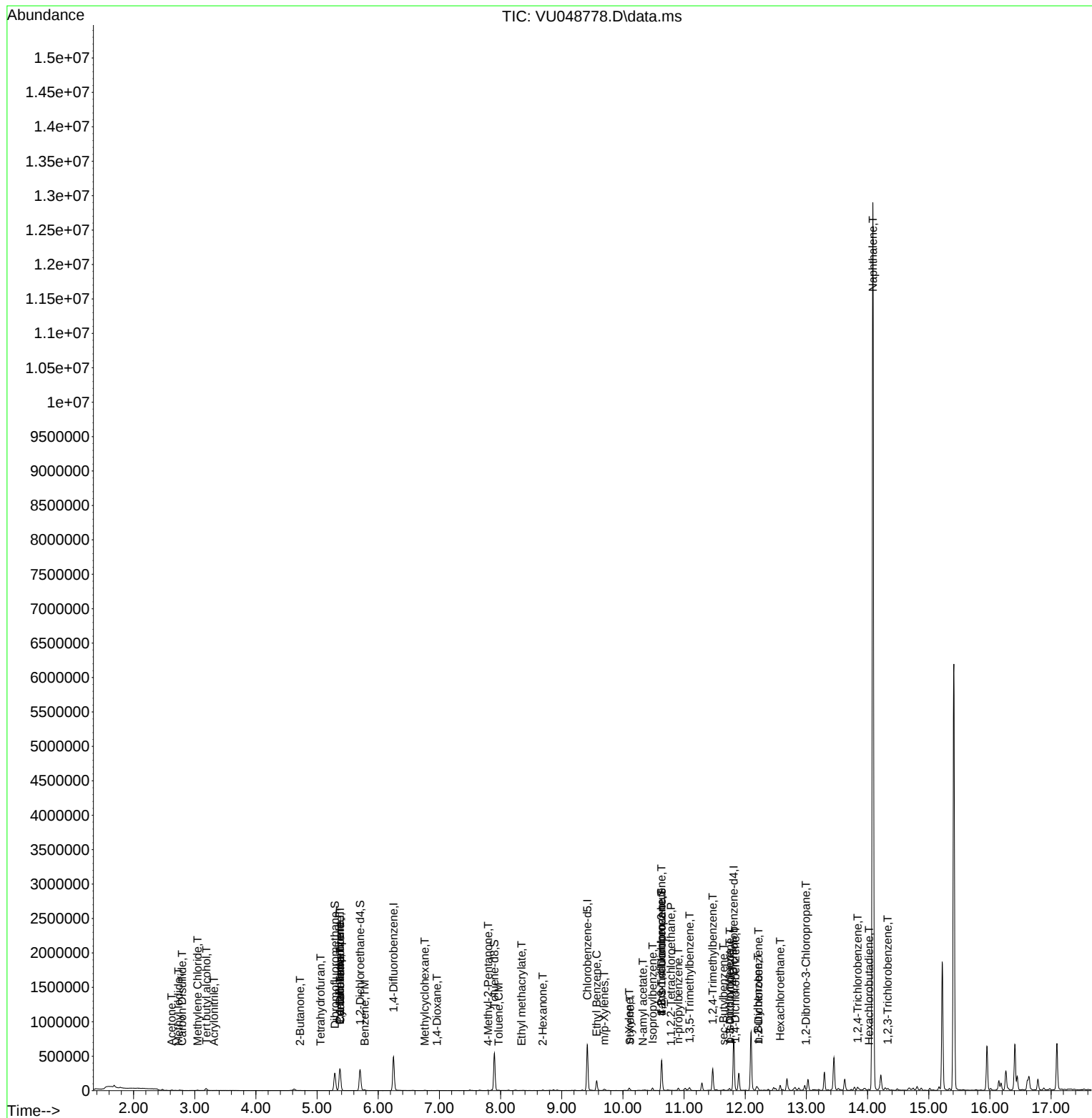
87) 1,3-Dichlorobenzene	11.748	146	1460	0.221	ug/l #	69
88) 1,4-Dichlorobenzene	11.838	146	2278	0.334	ug/l #	73
89) n-Butylbenzene	12.208	91	16749	3.609	ug/l #	57
90) Hexachloroethane	12.571	117	4995	2.177	ug/l #	10
91) 1,2-Dichlorobenzene	12.214	146	2445	0.367	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.992	75	513	0.348	ug/l	80
93) 1,2,4-Trichlorobenzene	13.838	180	5803	1.326	ug/l #	91
94) Hexachlorobutadiene	14.024	225	1242	0.592	ug/l	84
95) Naphthalene	14.085	128	10089611	629.165	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	7053	1.627	ug/l #	91

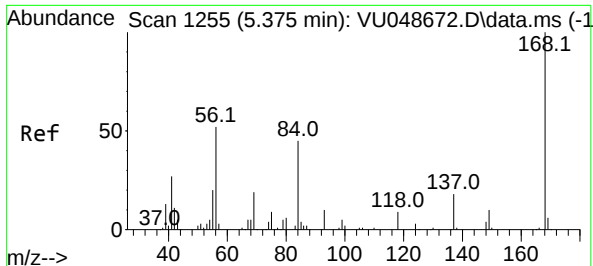
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
Data File : VU048778.D
Acq On : 01 Jun 2022 13:42
Operator : SY/MD
Sample : N3056-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

Quant Time: Jun 01 15:20:41 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

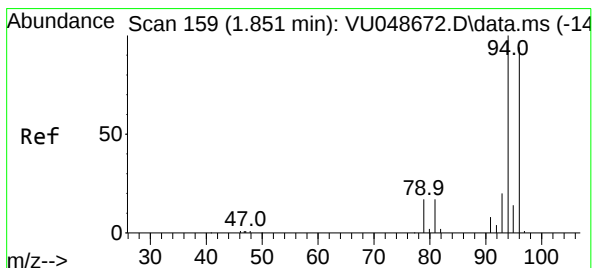
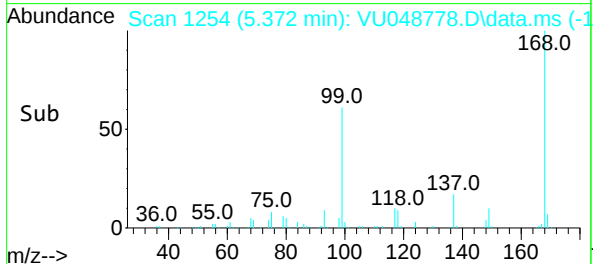
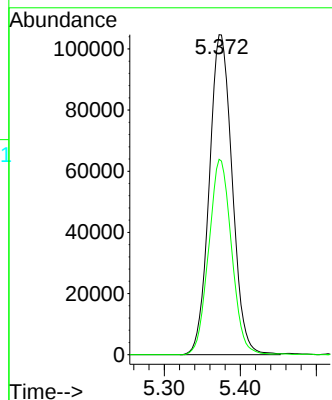
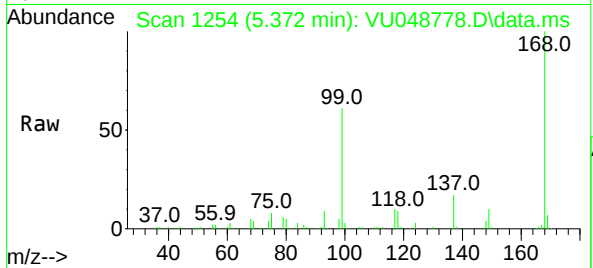




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

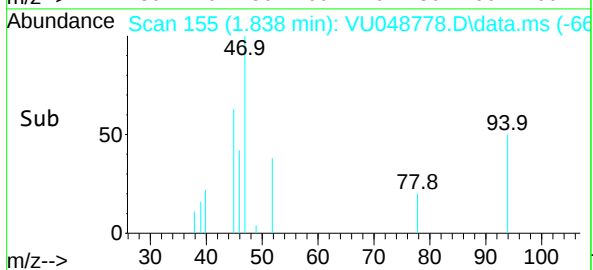
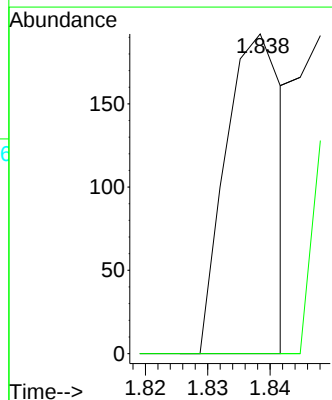
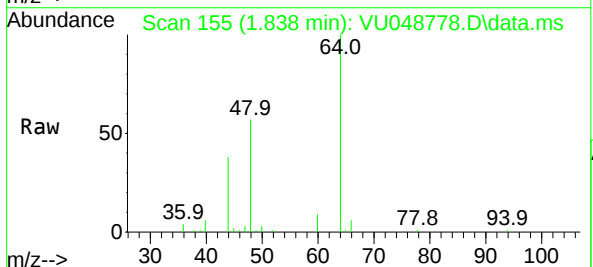
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

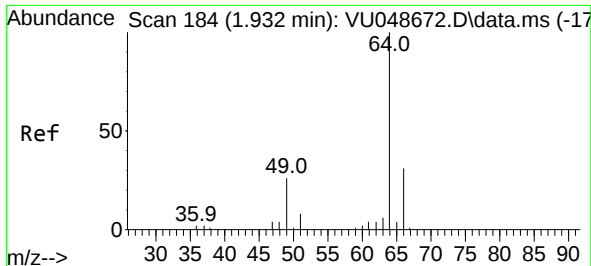
Tgt Ion:168 Resp: 218843
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.838 min Scan# 155
Delta R.T. -0.013 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 94 Resp: 121
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

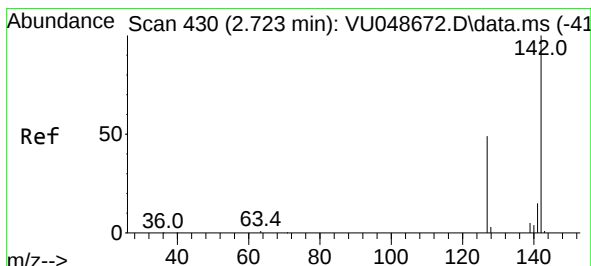
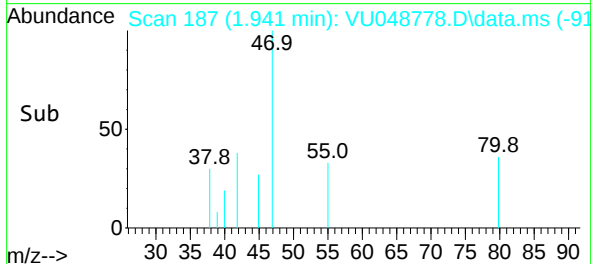
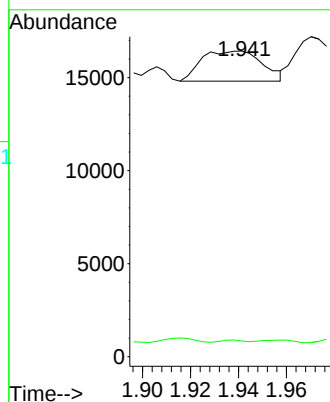
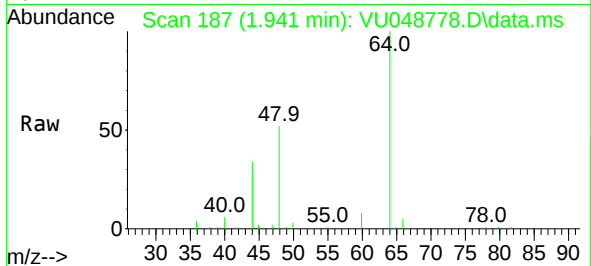




#6
Chloroethane
Concen: Below Cal
RT: 1.941 min Scan# 11
Delta R.T. 0.009 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

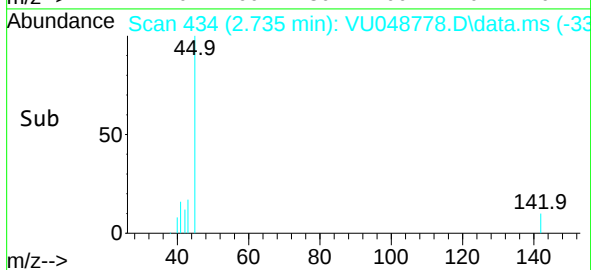
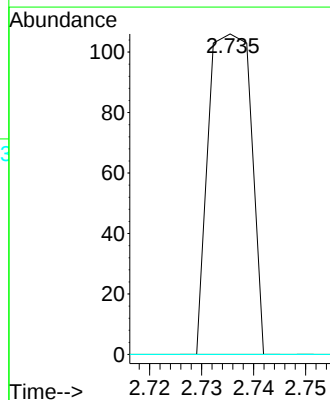
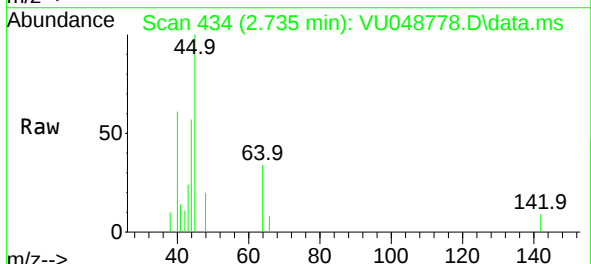
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

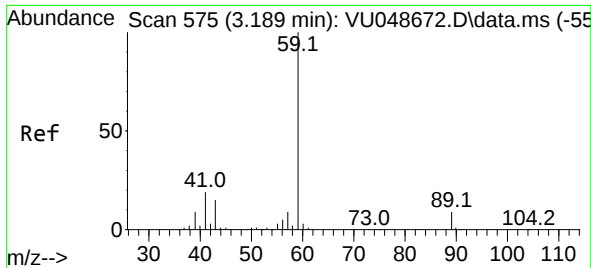
Tgt Ion: 64 Resp: 2854
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#10
Methyl Iodide
Concen: 3.021 ug/l
RT: 2.735 min Scan# 434
Delta R.T. 0.012 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#

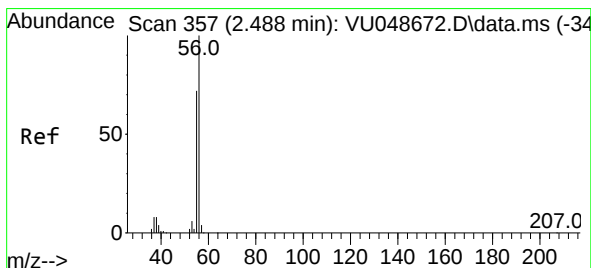
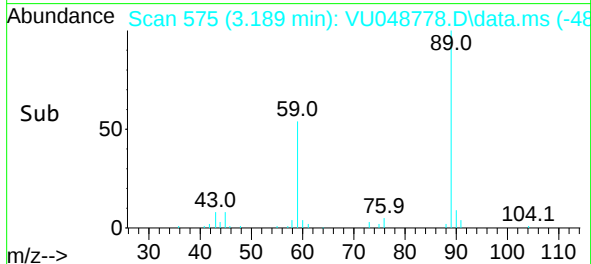
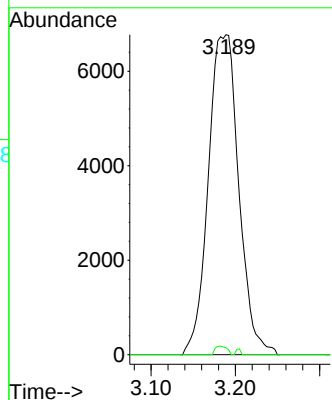
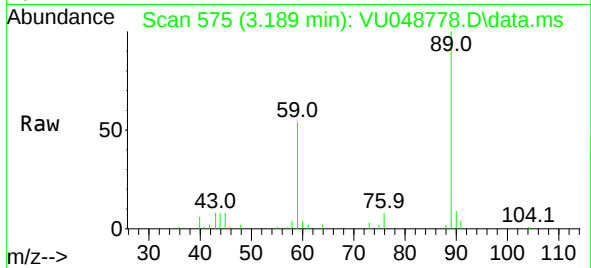




#11
Tert butyl alcohol
Concen: 20.432 ug/l
RT: 3.189 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

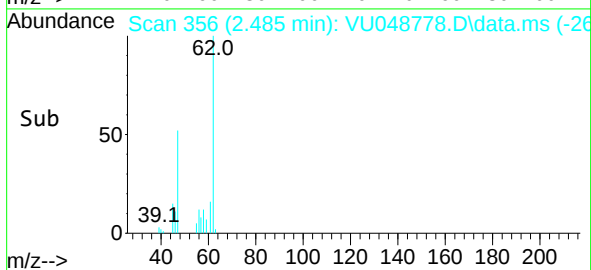
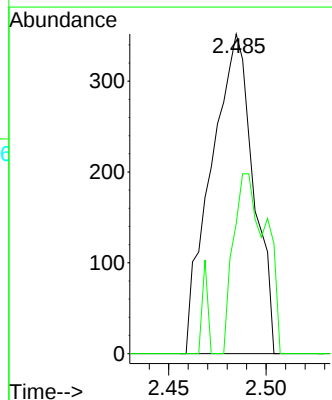
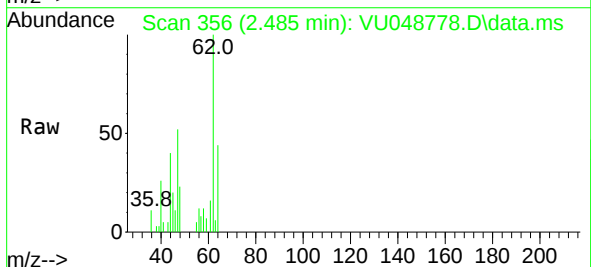
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

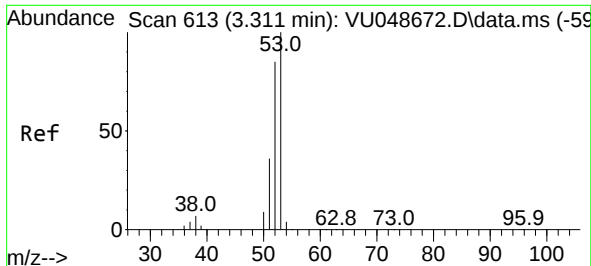
Tgt Ion: 59 Resp: 17025
Ion Ratio Lower Upper
59 100
57 1.0 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 56 Resp: 532
Ion Ratio Lower Upper
56 100
55 43.2 57.7 86.5#

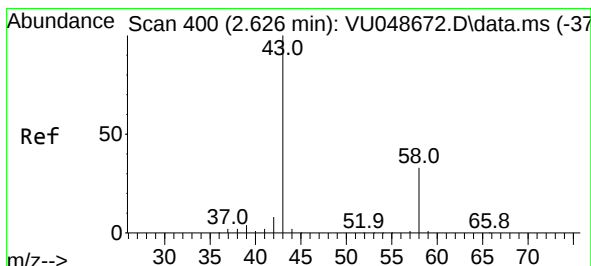
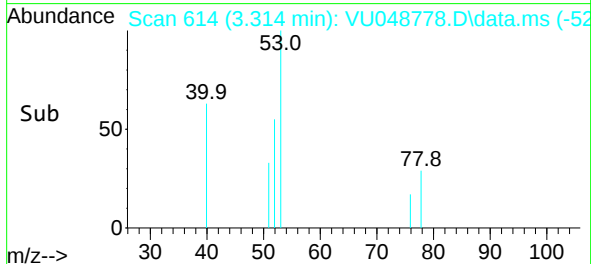
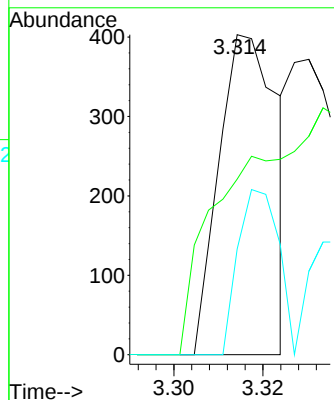
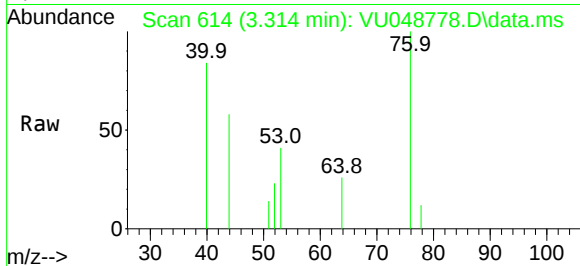




#15
Acrylonitrile
Concen: 0.201 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

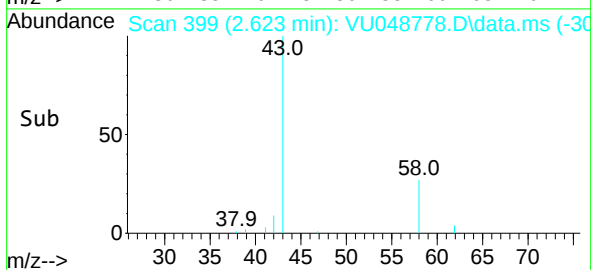
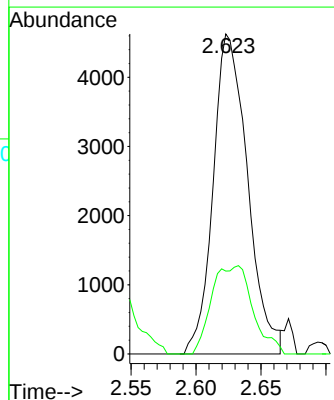
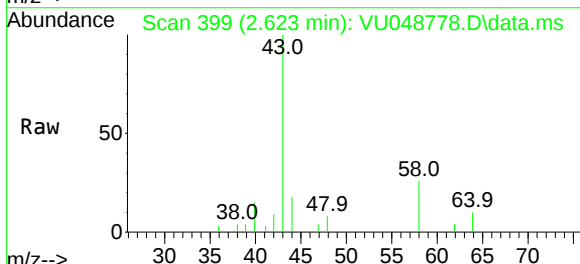
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

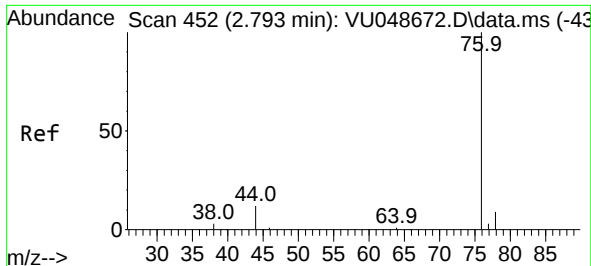
Tgt Ion: 53 Resp: 364
Ion Ratio Lower Upper
53 100
52 0.0 66.3 99.5#
51 36.3 28.6 42.8



#16
Acetone
Concen: 5.083 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 43 Resp: 8513
Ion Ratio Lower Upper
43 100
58 25.9 26.3 39.5#

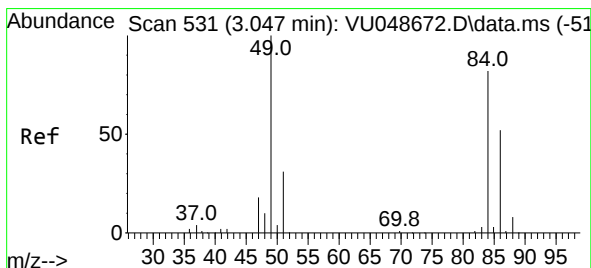
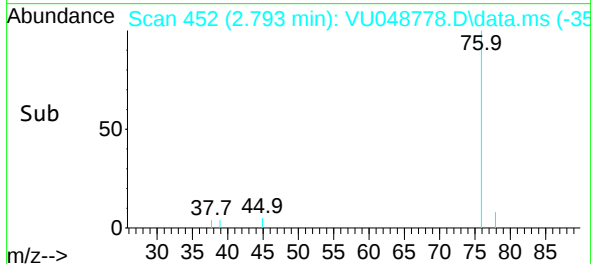
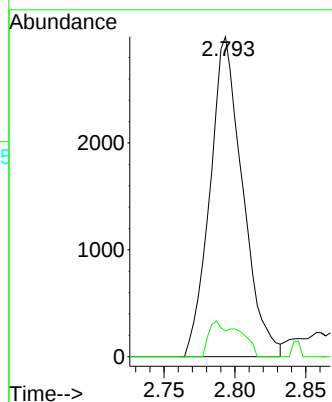
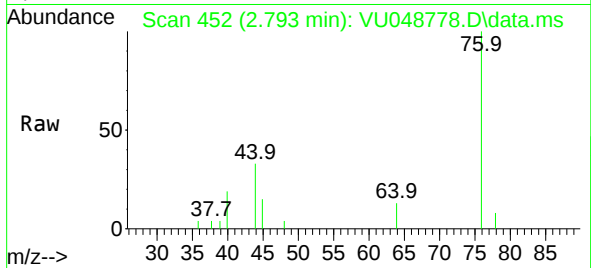




#17
Carbon Disulfide
Concen: 0.738 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

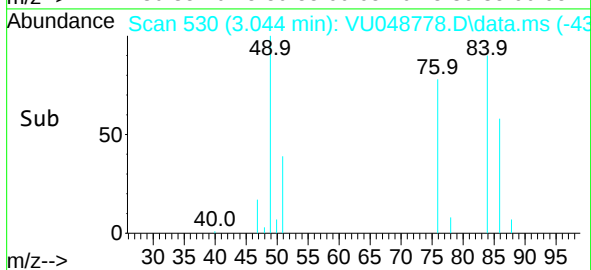
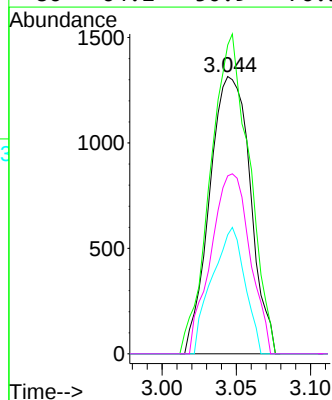
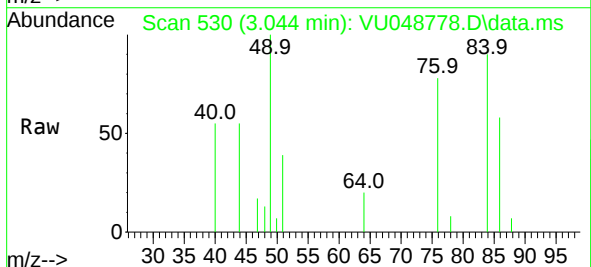
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

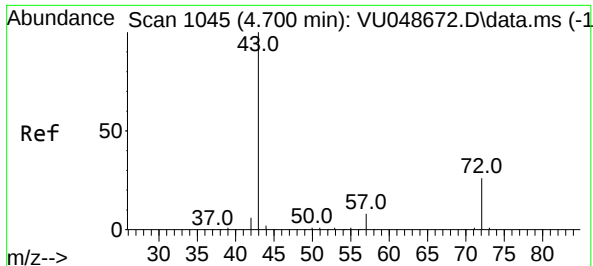
Tgt Ion: 76 Resp: 4800
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#20
Methylene Chloride
Concen: 0.881 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 84 Resp: 2508
Ion Ratio Lower Upper
84 100
49 111.4 97.0 145.4
51 43.0 29.8 44.8
86 64.2 50.9 76.3





#25

2-Butanone

Concen: 0.830 ug/l

RT: 4.723 min Scan# 1052

Delta R.T. 0.022 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

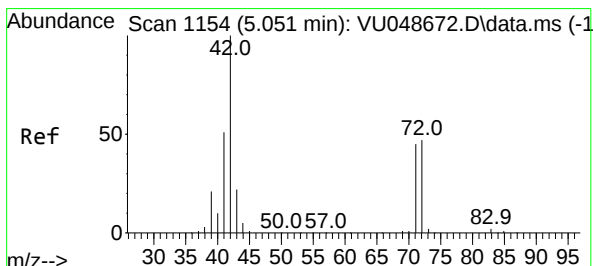
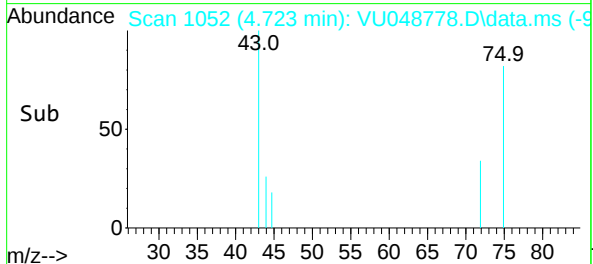
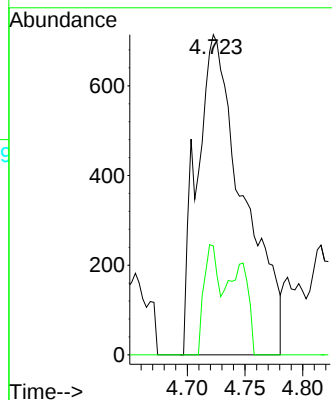
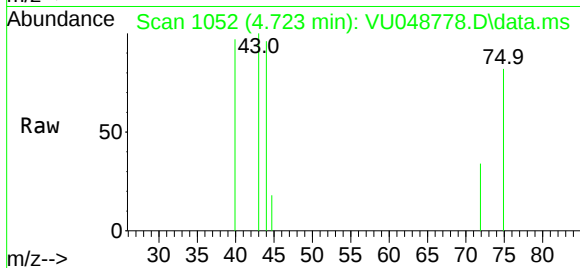
MW-12DL

Tgt Ion: 43 Resp: 1998

Ion Ratio Lower Upper

43 100

72 34.0 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.271 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.006 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

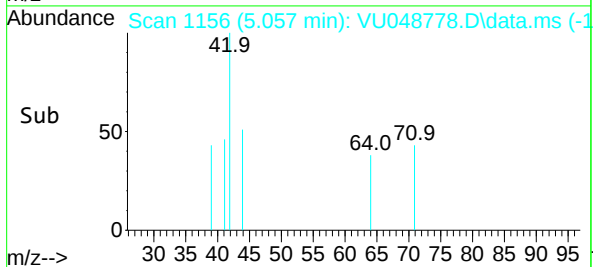
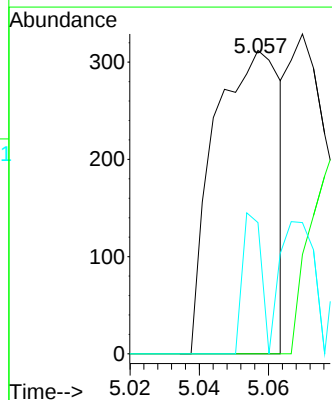
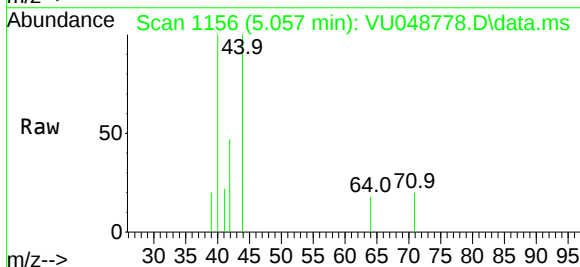
Tgt Ion: 42 Resp: 410

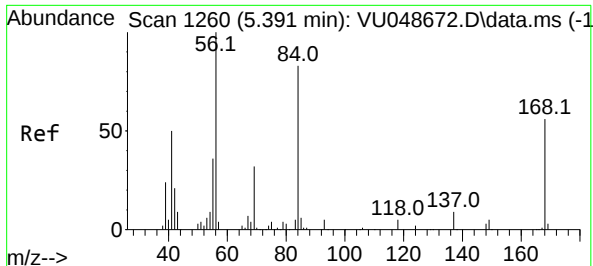
Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 13.2 35.0 52.4#





#31

Cyclohexane

Concen: 1.086 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.016 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

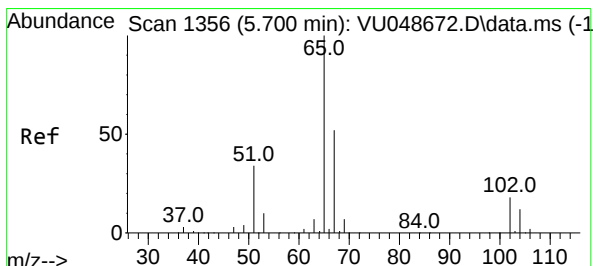
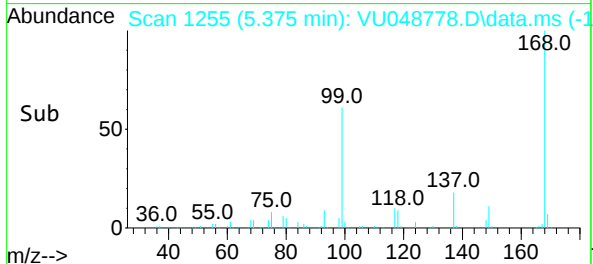
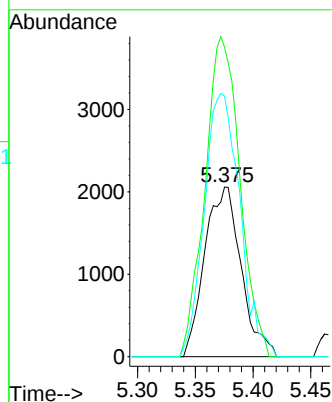
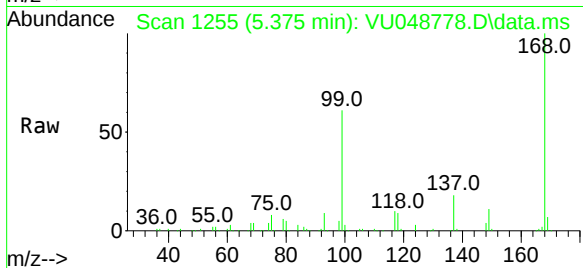
Tgt Ion: 56 Resp: 4499

Ion Ratio Lower Upper

56 100

69 182.5 25.6 38.4#

84 153.6 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 70.404 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048778.D

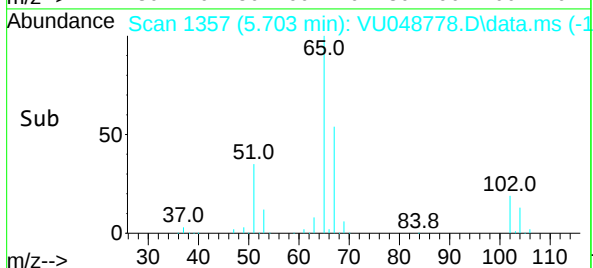
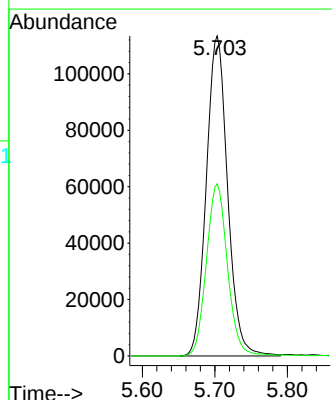
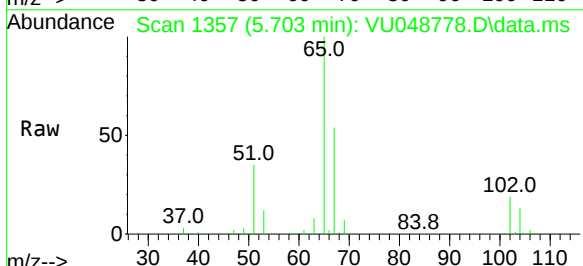
Acq: 01 Jun 2022 13:42

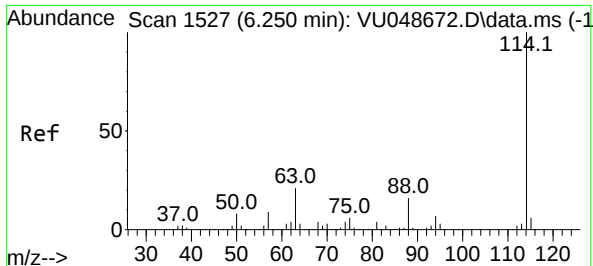
Tgt Ion: 65 Resp: 231389

Ion Ratio Lower Upper

65 100

67 53.2 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: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

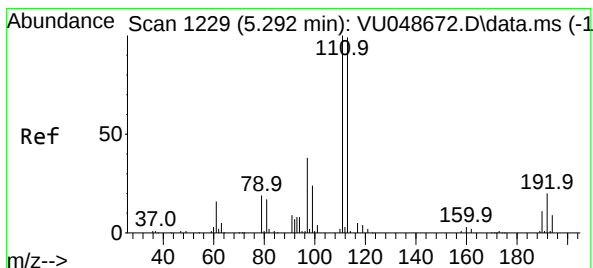
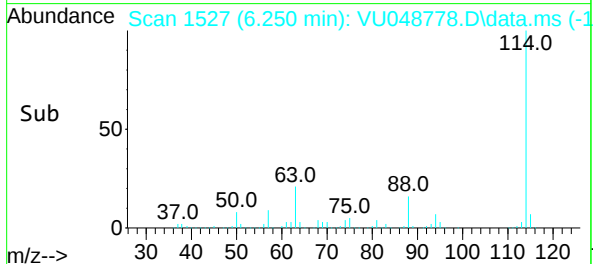
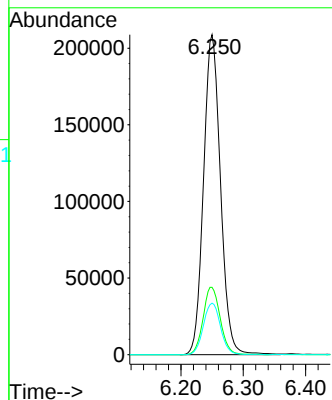
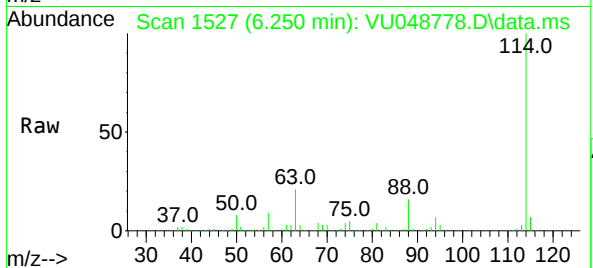
Tgt Ion:114 Resp: 395087

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 59.824 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

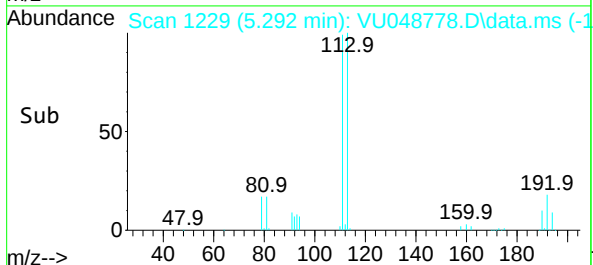
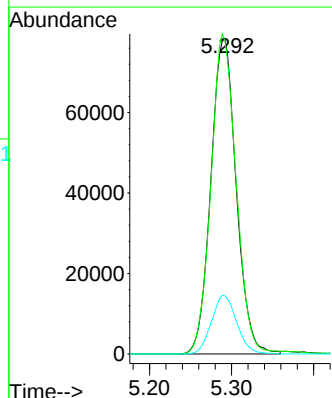
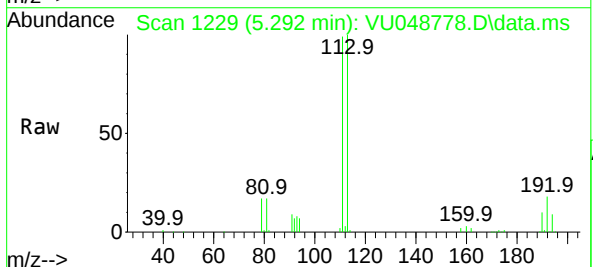
Tgt Ion:113 Resp: 168622

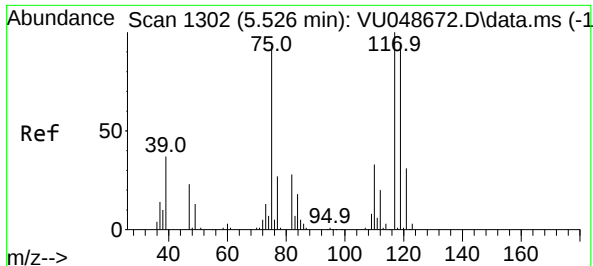
Ion Ratio Lower Upper

113 100

111 100.5 80.7 121.1

192 18.5 15.9 23.9

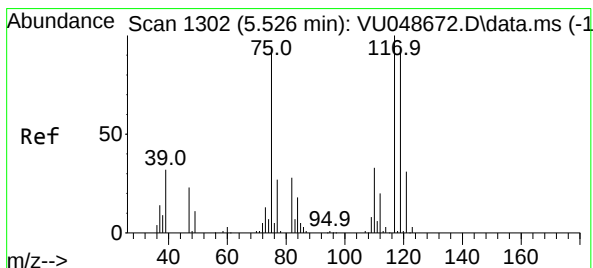
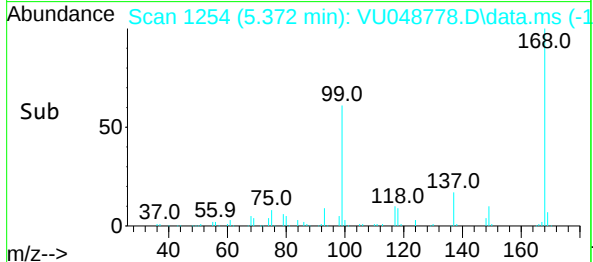
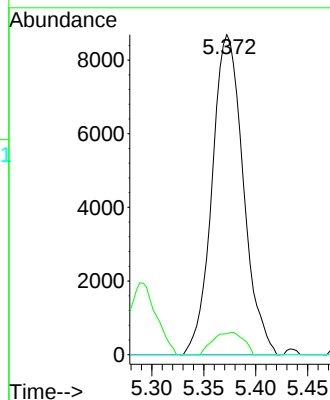
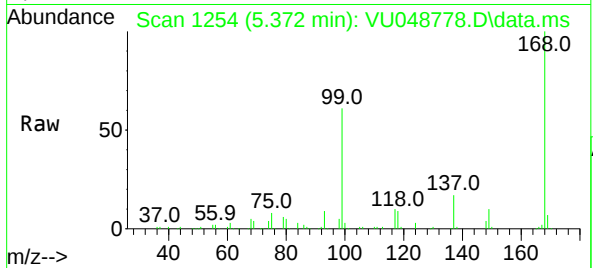




#36
 1,1-Dichloropropene
 Concen: 4.411 ug/l
 RT: 5.372 min Scan# 11
 Delta R.T. -0.154 min
 Lab File: VU048778.D
 Acq: 01 Jun 2022 13:42

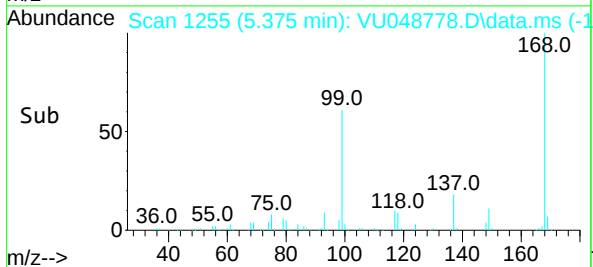
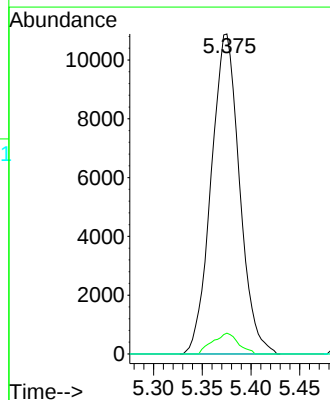
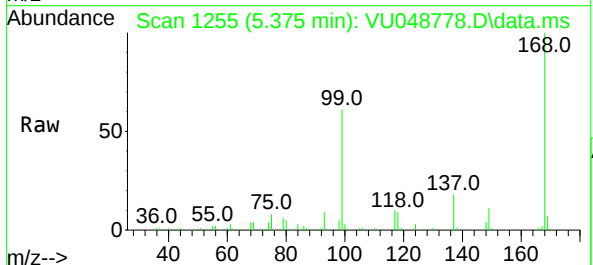
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

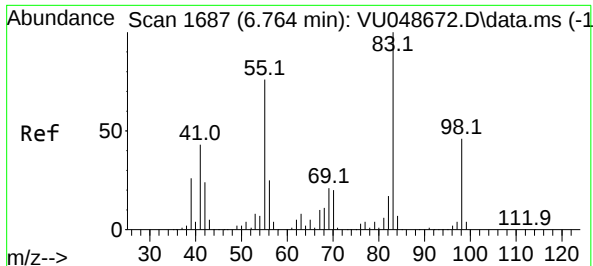
Tgt Ion: 75 Resp: 18144
 Ion Ratio Lower Upper
 75 100
 110 6.8 17.4 52.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.671 ug/l
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.151 min
 Lab File: VU048778.D
 Acq: 01 Jun 2022 13:42

Tgt Ion: 117 Resp: 22046
 Ion Ratio Lower Upper
 117 100
 119 6.5 75.4 113.2#
 121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 0.452 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

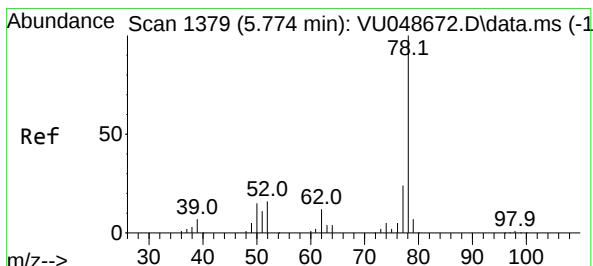
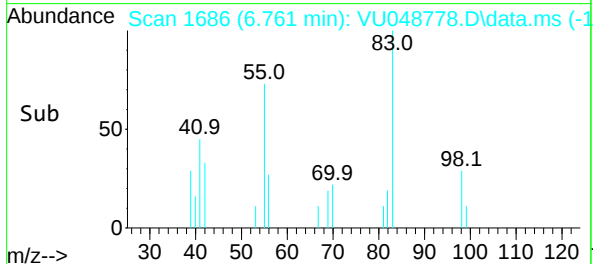
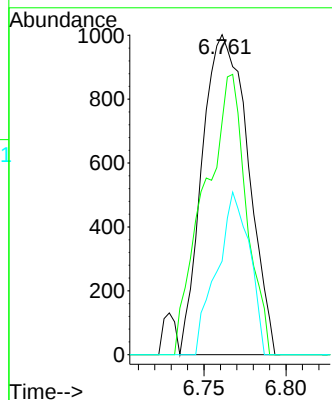
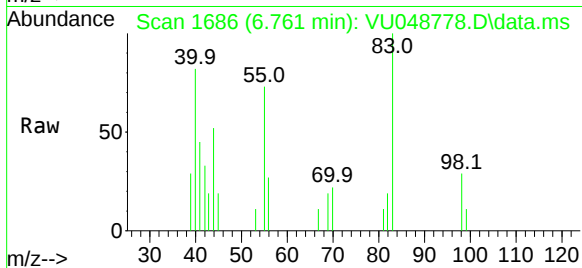
Tgt Ion: 83 Resp: 1948

Ion Ratio Lower Upper

83 100

55 72.9 61.0 91.6

98 29.2 36.8 55.2#



#40

Benzene

Concen: 0.688 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.006 min

Lab File: VU048778.D

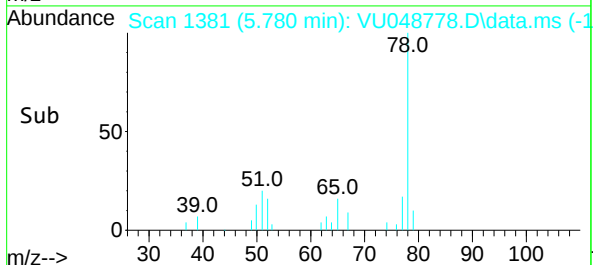
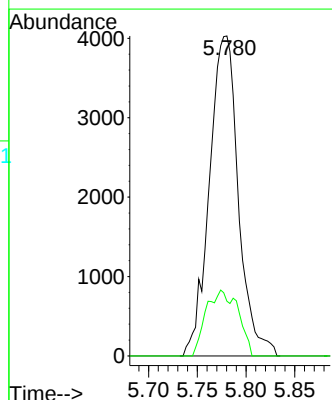
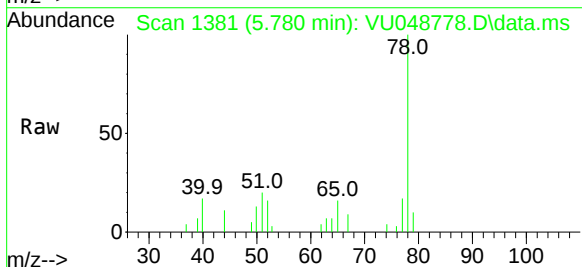
Acq: 01 Jun 2022 13:42

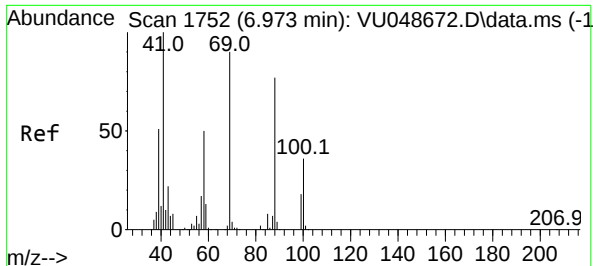
Tgt Ion: 78 Resp: 8352

Ion Ratio Lower Upper

78 100

77 17.1 19.0 28.6#





#49

1,4-Dioxane

Concen: 5.611 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048778.D

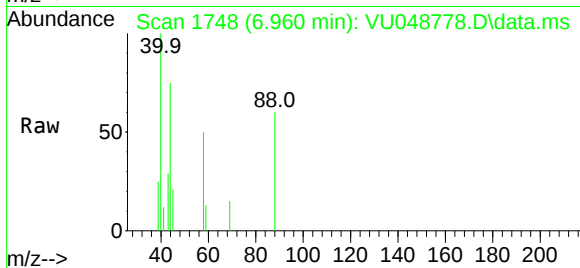
Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL



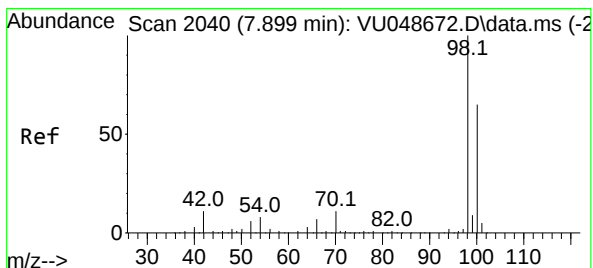
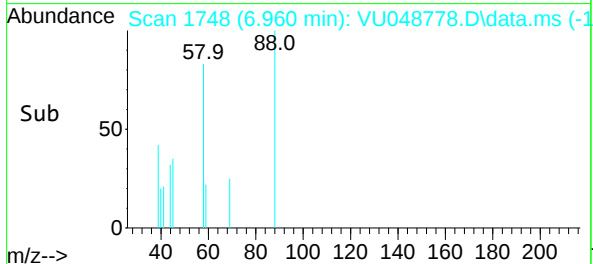
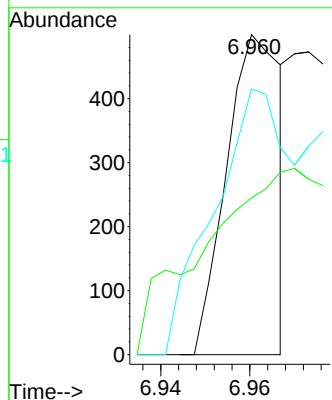
Tgt Ion: 88 Resp: 425

Ion Ratio Lower Upper

88 100

43 177.2 24.6 36.8#

58 113.9 54.7 82.1#



#50

Toluene-d8

Concen: 35.381 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048778.D

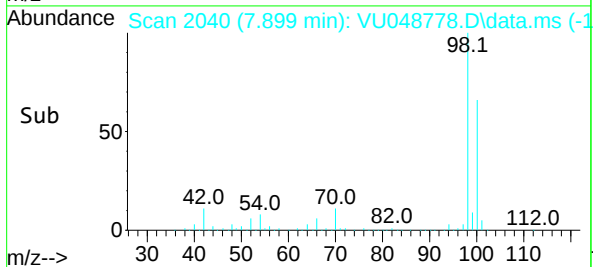
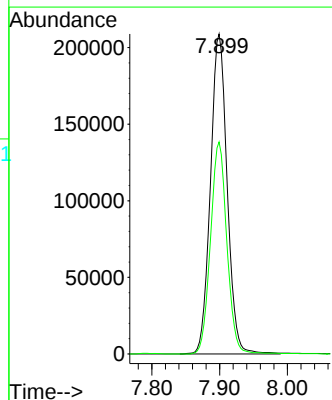
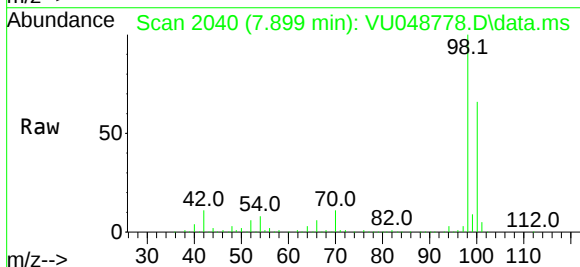
Acq: 01 Jun 2022 13:42

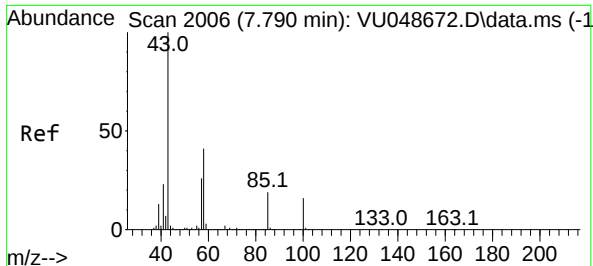
Tgt Ion: 98 Resp: 357484

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.992 ug/l

RT: 7.796 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

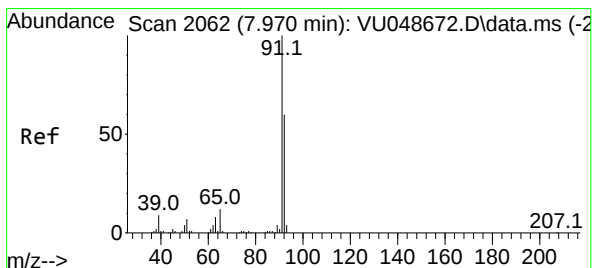
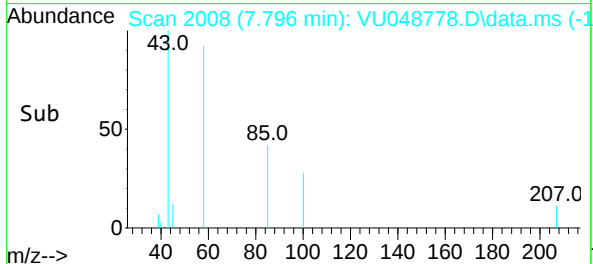
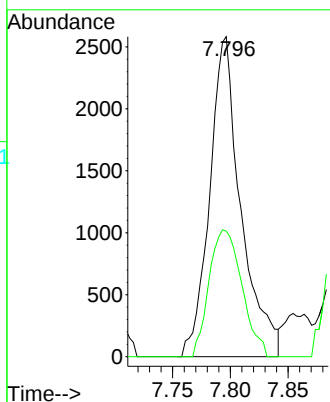
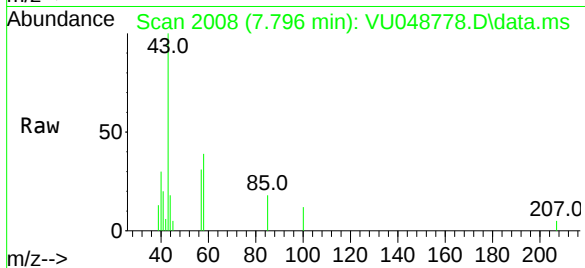
MW-12DL

Tgt Ion: 43 Resp: 4861

Ion Ratio Lower Upper

43 100

58 41.6 32.7 49.1



#52

Toluene

Concen: 0.227 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048778.D

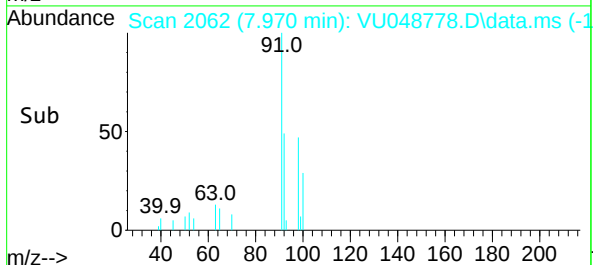
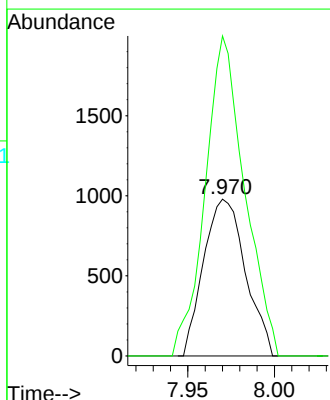
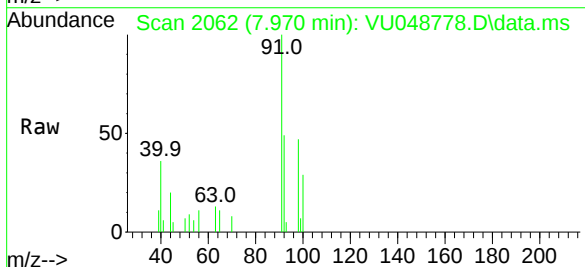
Acq: 01 Jun 2022 13:42

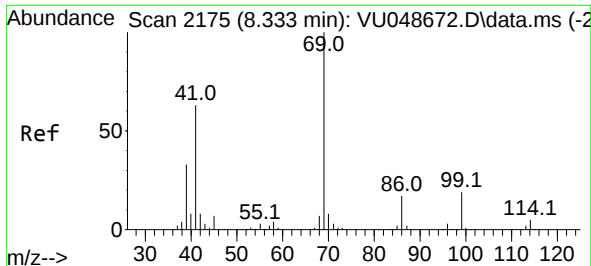
Tgt Ion: 92 Resp: 1646

Ion Ratio Lower Upper

92 100

91 191.9 135.0 202.4

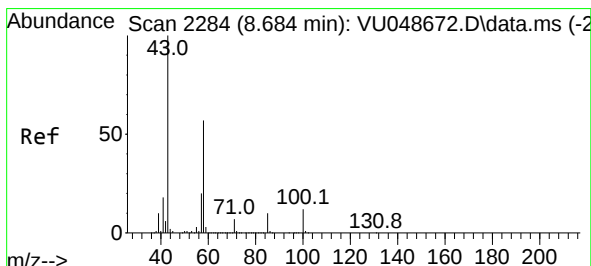
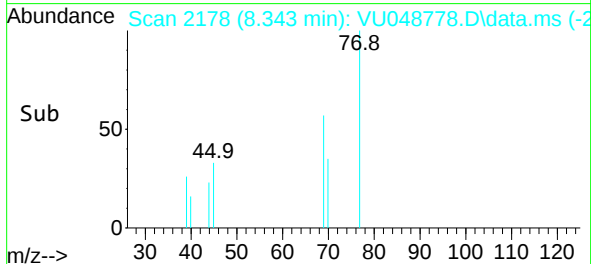
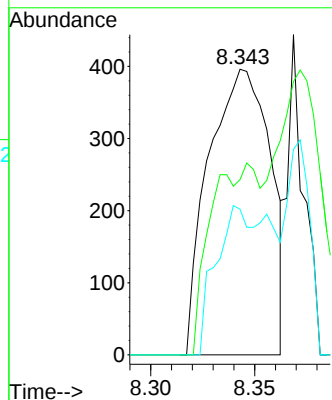
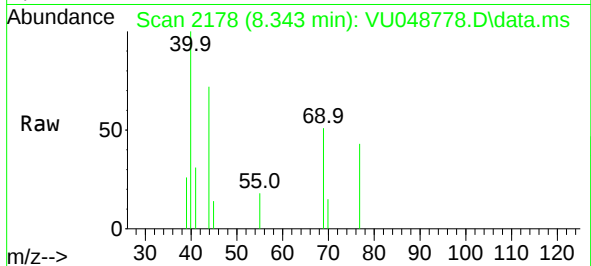




#56
Ethyl methacrylate
Concen: 2.766 ug/l
RT: 8.343 min Scan# 2175
Delta R.T. 0.010 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

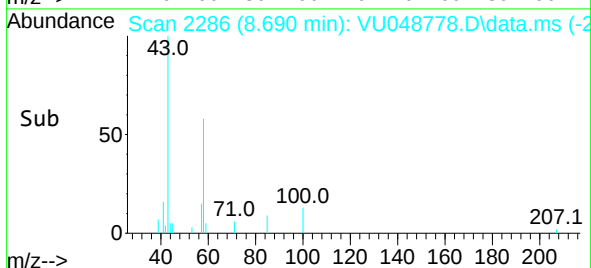
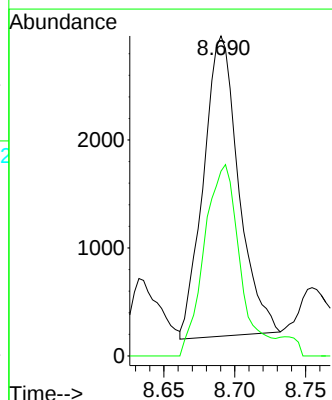
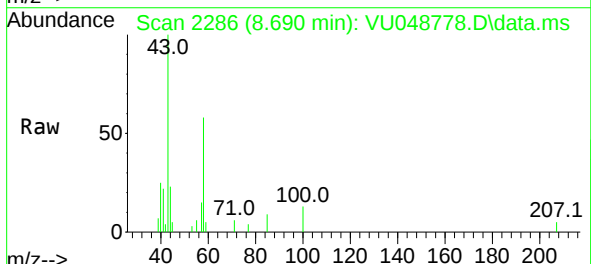
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

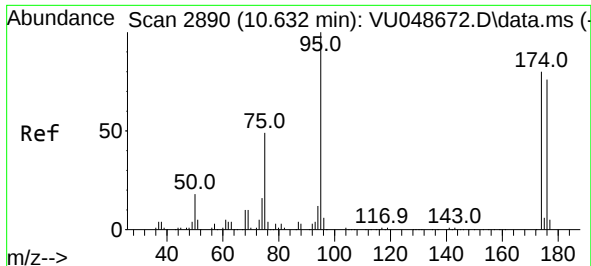
Tgt Ion: 69 Resp: 815
Ion Ratio Lower Upper
69 100
41 29.1 50.6 76.0#
39 30.8 26.6 40.0



#59
2-Hexanone
Concen: 1.192 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 43 Resp: 4797
Ion Ratio Lower Upper
43 100
58 64.8 28.2 84.6

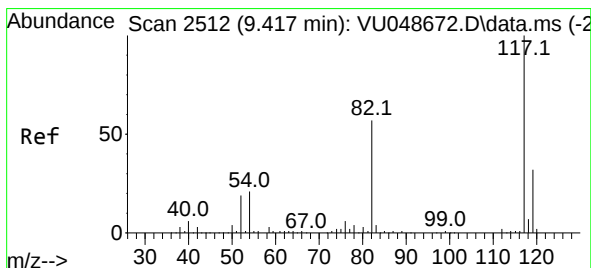
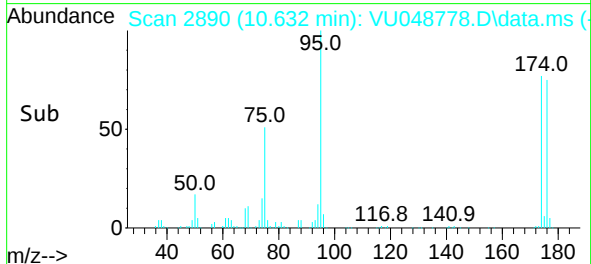
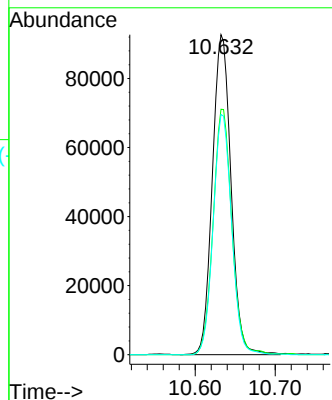
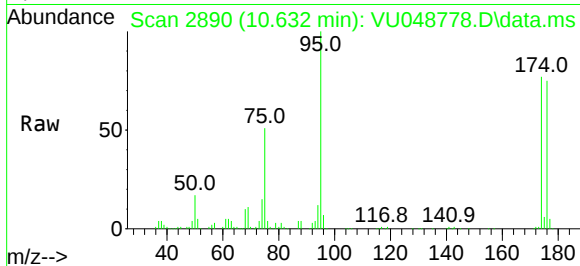




#62
4-Bromofluorobenzene
Concen: 39.218 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

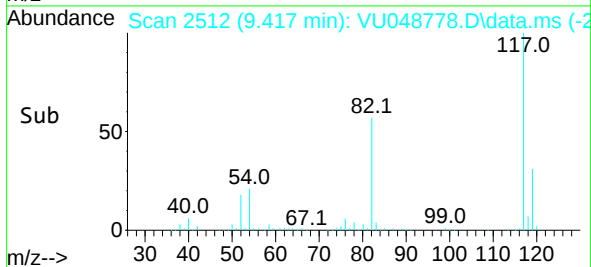
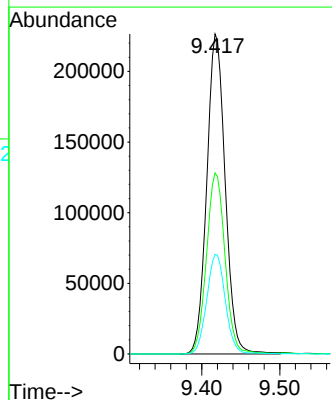
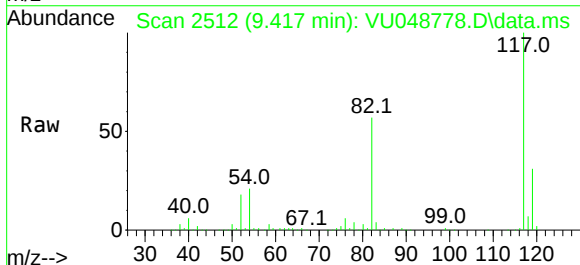
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

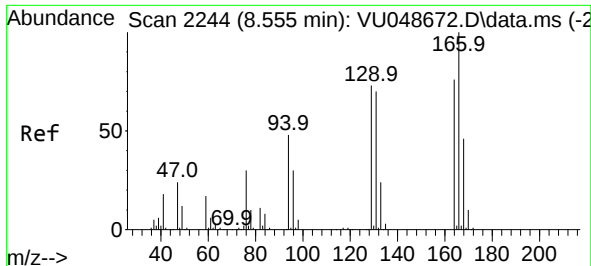
Tgt Ion: 95 Resp: 149860
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 74.2 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 117 Resp: 372528
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.1 25.4 38.2





#64

Tetrachloroethene

Concen: Below Cal

RT: 8.549 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU048778.D

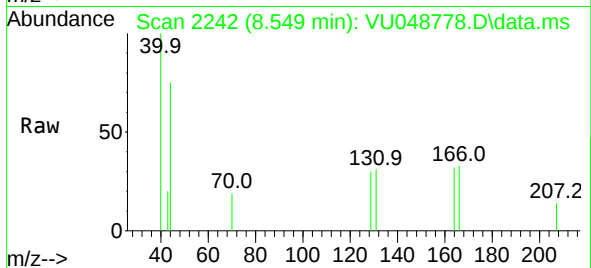
Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL



Tgt Ion:164 Resp: 194

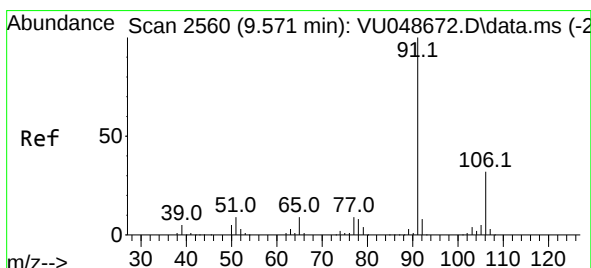
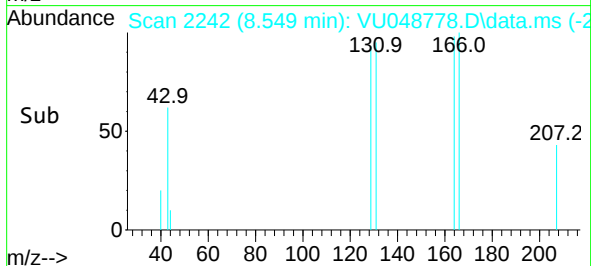
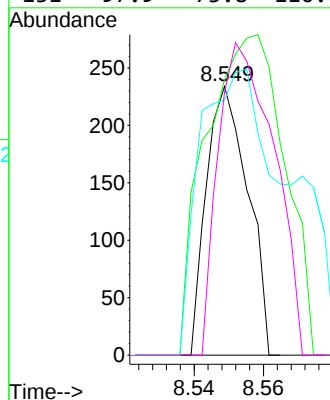
Ion Ratio Lower Upper

164 100

166 102.6 105.0 157.4#

129 94.9 76.5 114.7

131 97.9 73.8 110.6



#67

Ethyl Benzene

Concen: 7.382 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048778.D

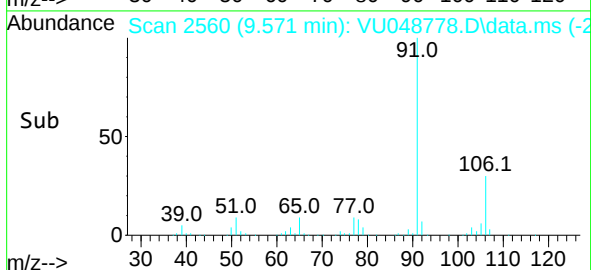
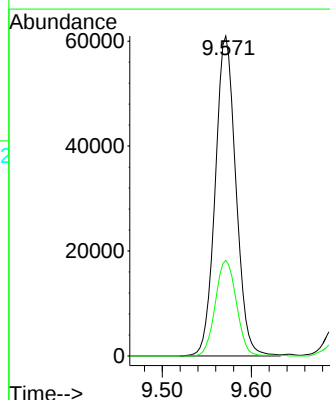
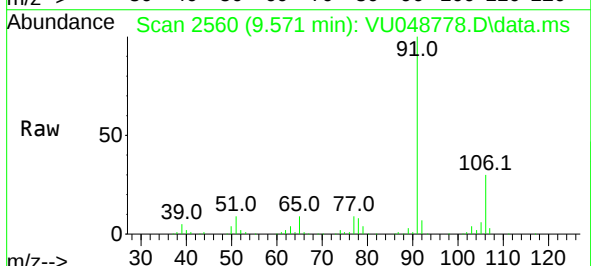
Acq: 01 Jun 2022 13:42

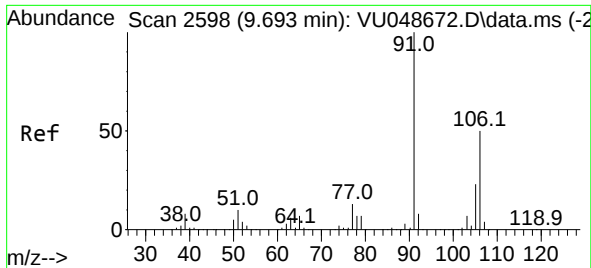
Tgt Ion: 91 Resp: 98098

Ion Ratio Lower Upper

91 100

106 29.8 25.4 38.2

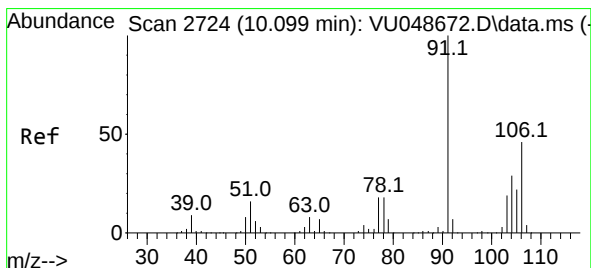
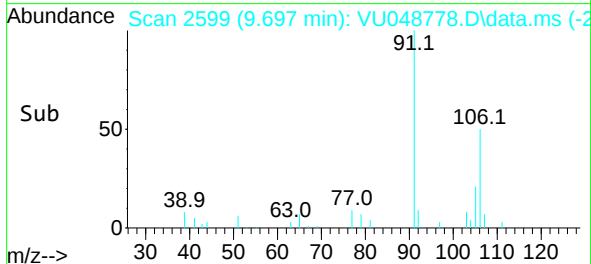
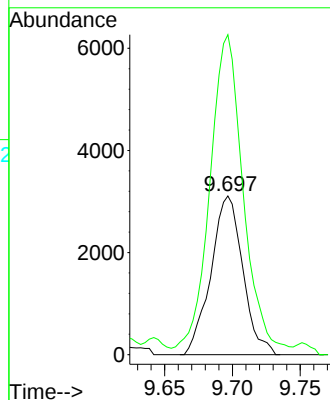
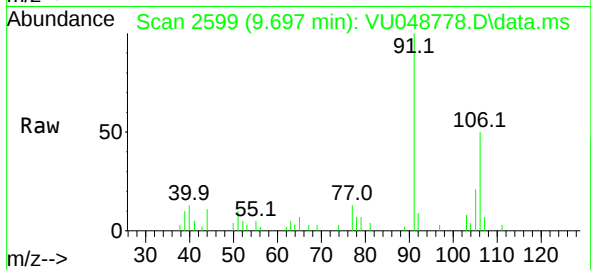




#68
m/p-Xylenes
Concen: 0.978 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

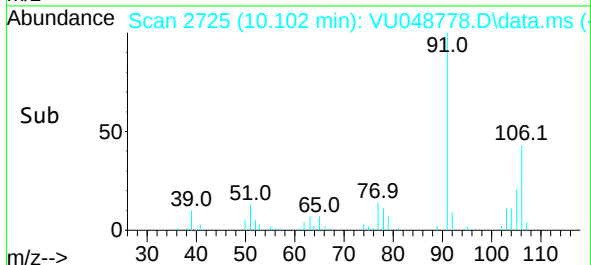
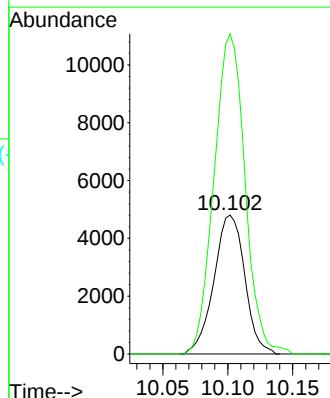
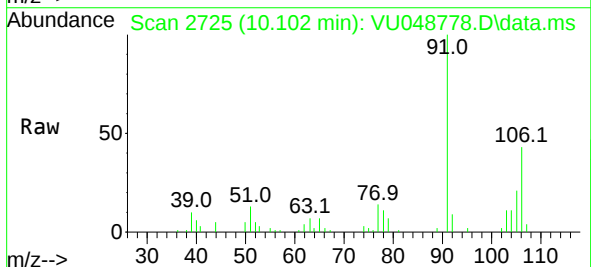
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

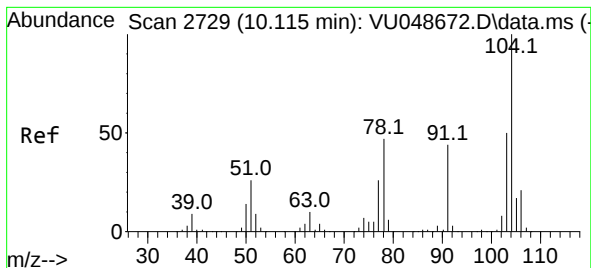
Tgt Ion:106 Resp: 5084
Ion Ratio Lower Upper
106 100
91 200.8 162.4 243.6



#69
o-Xylene
Concen: 1.553 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion:106 Resp: 7932
Ion Ratio Lower Upper
106 100
91 231.5 107.7 323.3





#70

Styrene

Concen: 0.543 ug/l

RT: 10.118 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

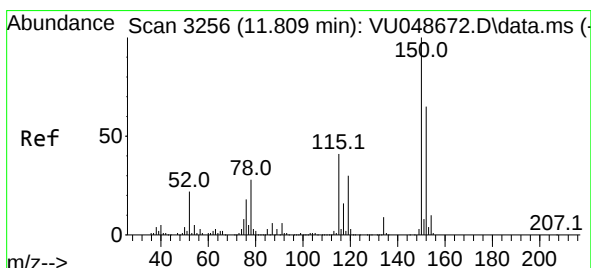
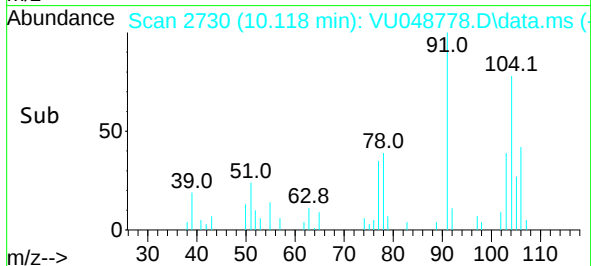
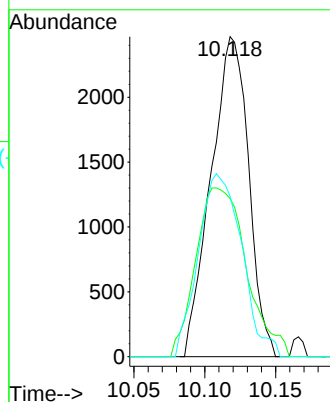
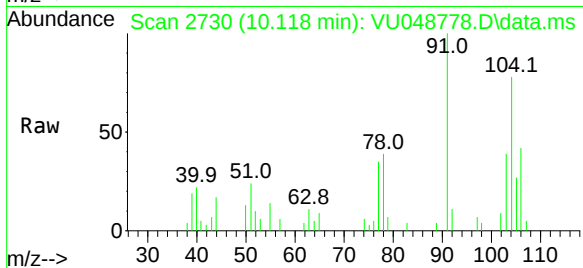
Tgt Ion:104 Resp: 4564

Ion Ratio Lower Upper

104 100

78 70.8 41.2 61.8#

103 66.0 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: VU048778.D

Acq: 01 Jun 2022 13:42

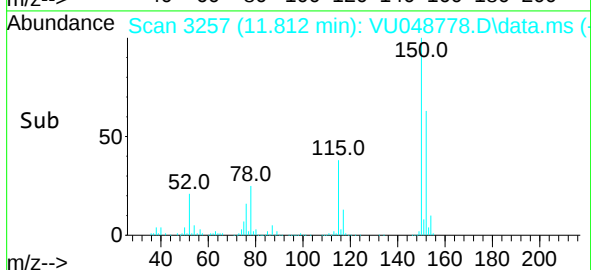
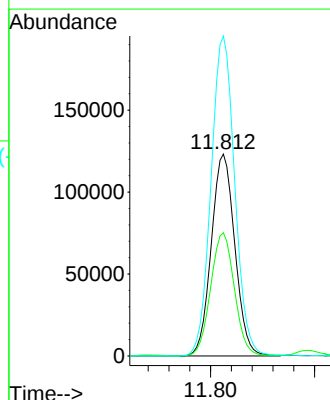
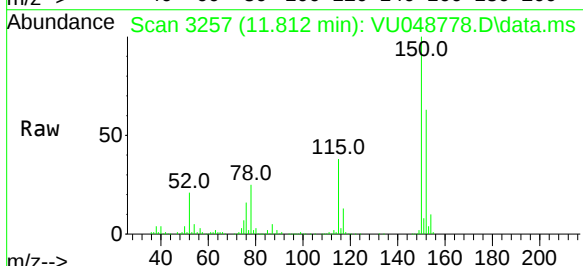
Tgt Ion:152 Resp: 194195

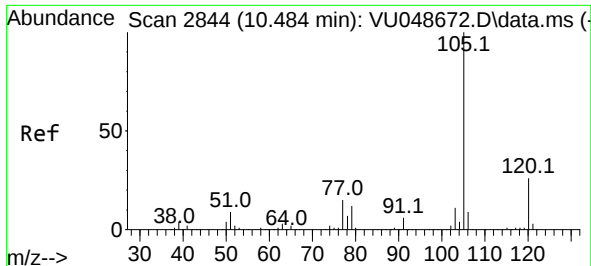
Ion Ratio Lower Upper

152 100

115 61.5 41.8 125.4

150 159.3 0.0 341.0

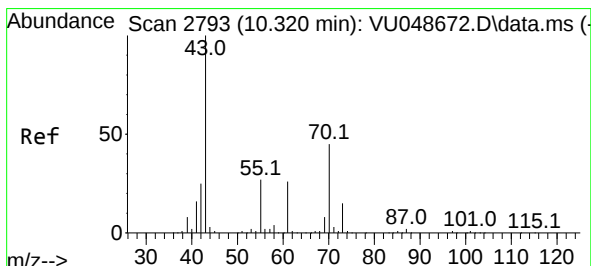
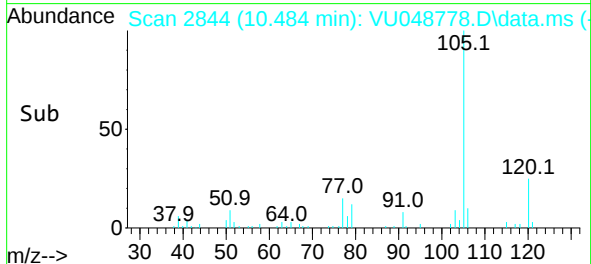
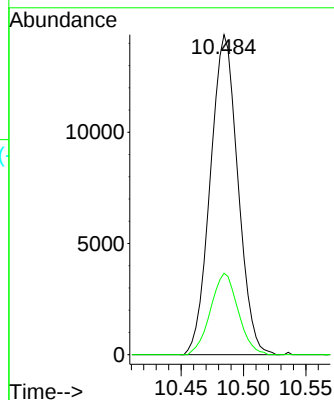
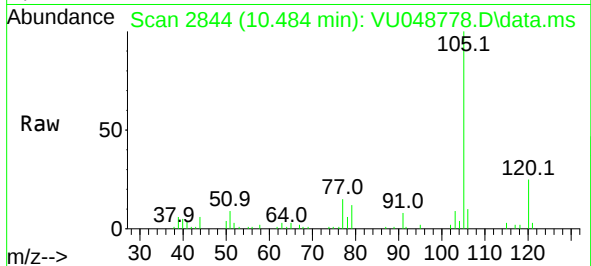




#73
Isopropylbenzene
Concen: 1.768 ug/l
RT: 10.484 min Scan# 2168
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

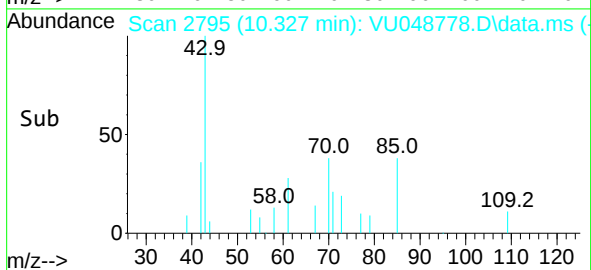
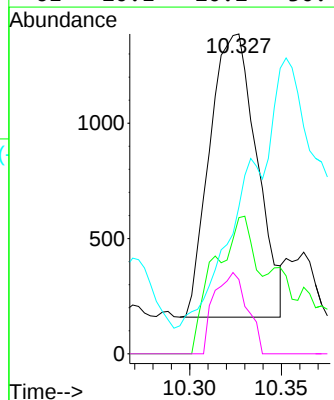
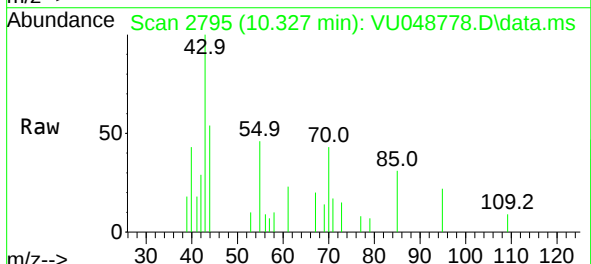
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

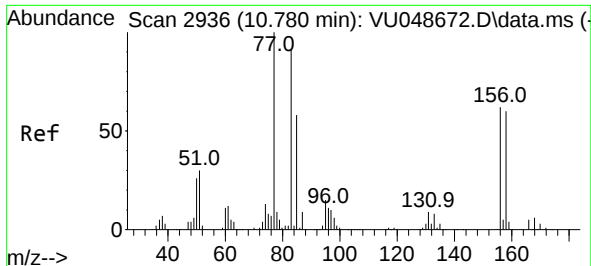
Tgt Ion:105 Resp: 22168
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6



#74
N-ethyl acetate
Concen: 2.795 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. 0.007 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 43 Resp: 2191
Ion Ratio Lower Upper
43 100
70 43.2 35.8 53.6
55 45.5 21.1 31.7#
61 20.1 20.2 30.4#

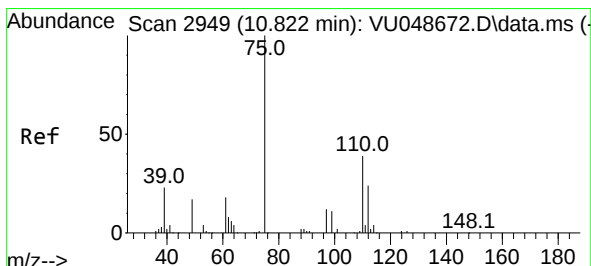
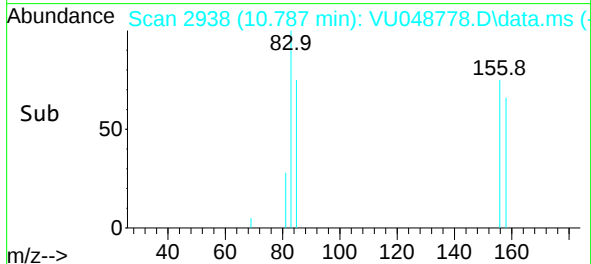
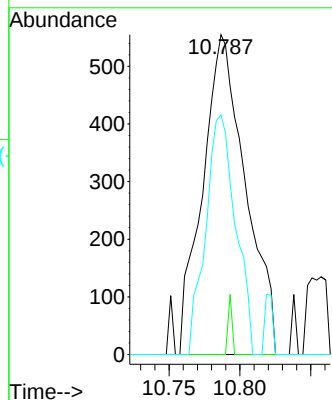
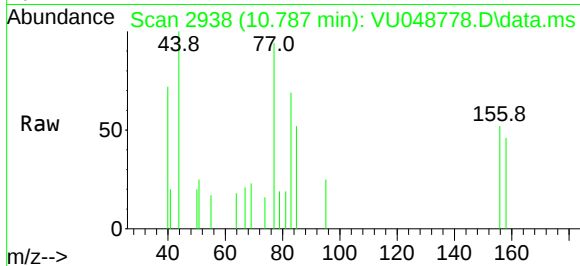




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.229 ug/l
 RT: 10.787 min Scan# 2890
 Delta R.T. 0.006 min
 Lab File: VU048778.D
 Acq: 01 Jun 2022 13:42

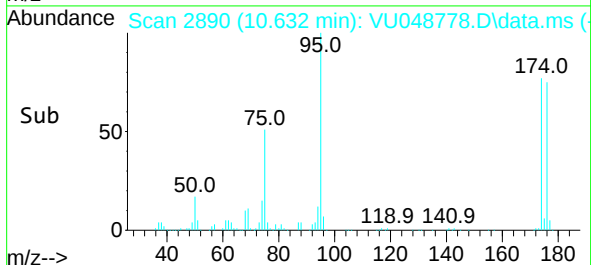
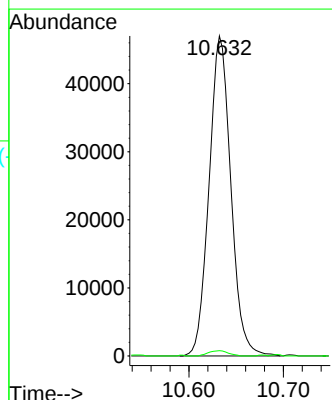
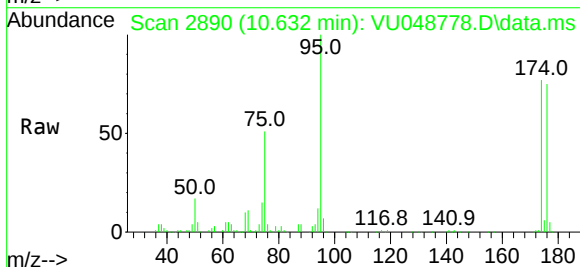
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

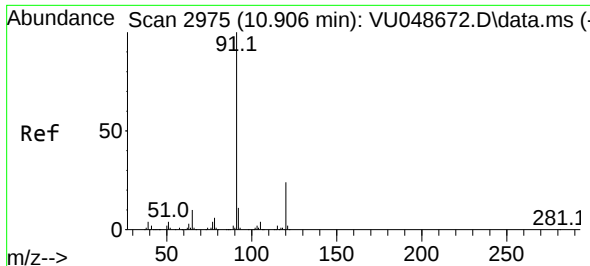
Tgt Ion: 83 Resp: 1171
 Ion Ratio Lower Upper
 83 100
 131 1.7 5.2 15.6#
 85 52.1 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 12.014 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.190 min
 Lab File: VU048778.D
 Acq: 01 Jun 2022 13:42

Tgt Ion: 75 Resp: 75224
 Ion Ratio Lower Upper
 75 100
 77 1.5 14.8 44.3#

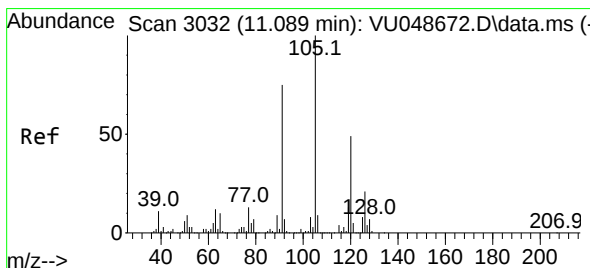
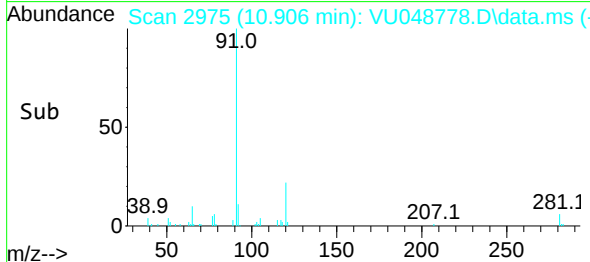
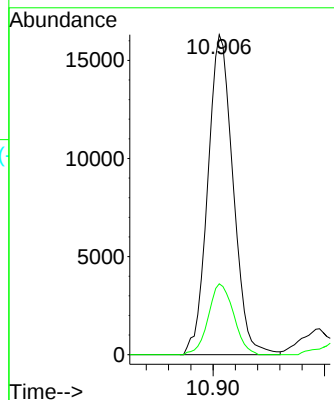
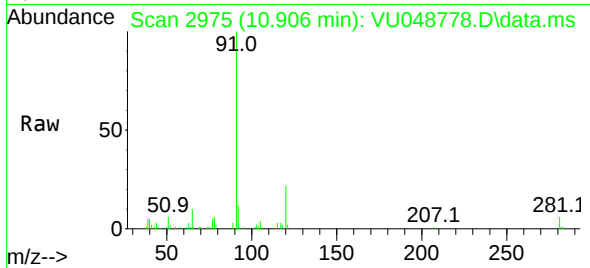




#78
n-propylbenzene
Concen: 1.721 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

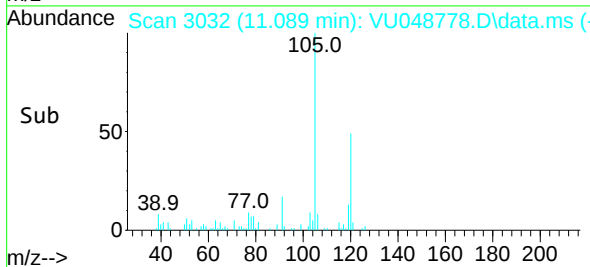
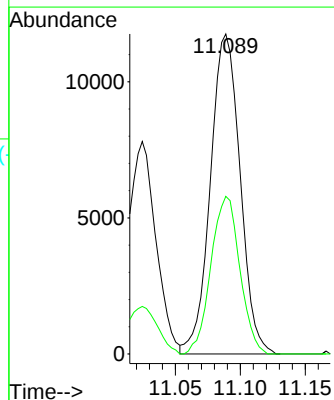
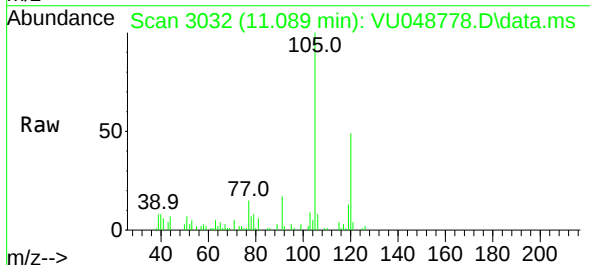
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

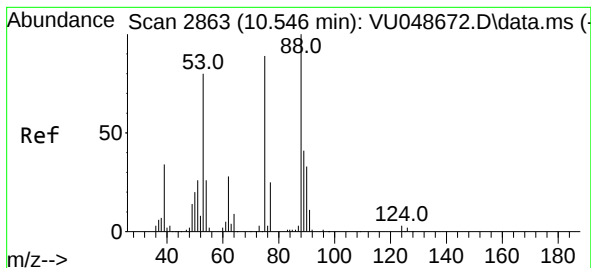
Tgt Ion: 91 Resp: 25707
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 1.714 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 105 Resp: 18688
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

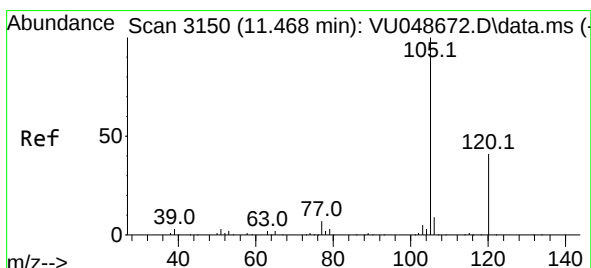
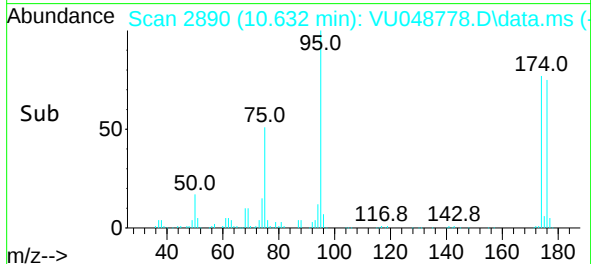
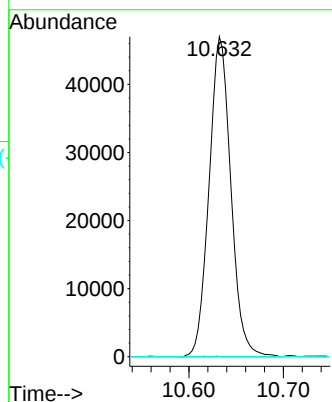
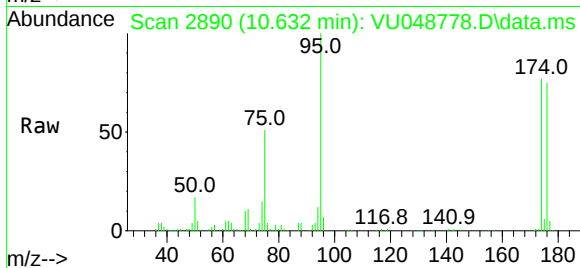




#81
trans-1,4-Dichloro-2-butene
Concen: 43.622 ug/l
RT: 10.632 min Scan# 2863
Delta R.T. 0.087 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

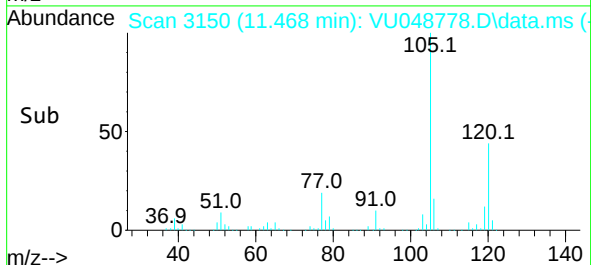
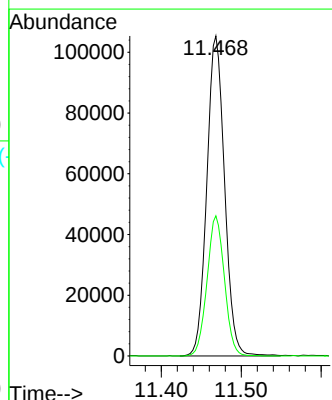
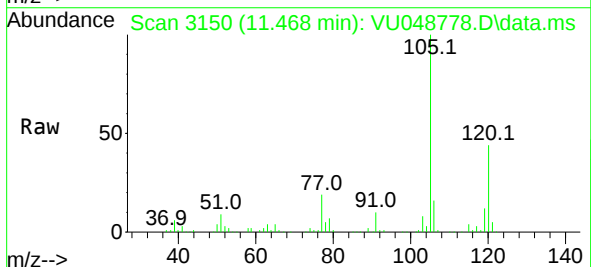
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

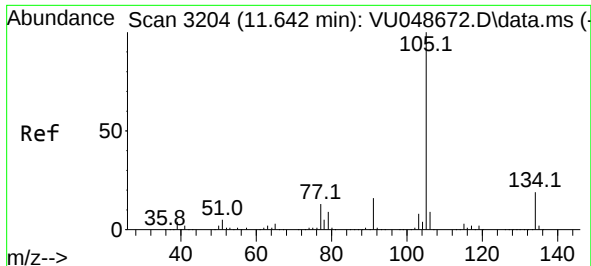
Tgt Ion: 75 Resp: 75224
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 14.719 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 105 Resp: 162871
Ion Ratio Lower Upper
105 100
120 42.8 22.5 67.5

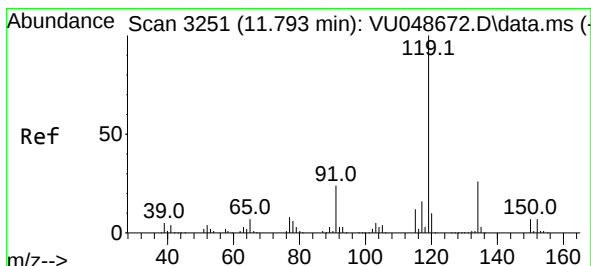
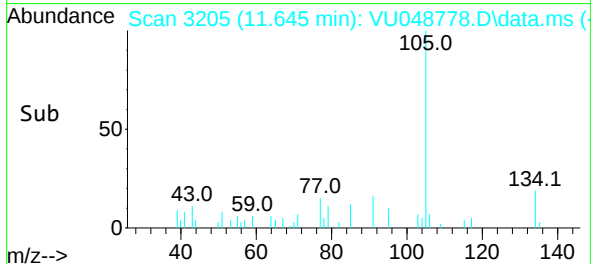
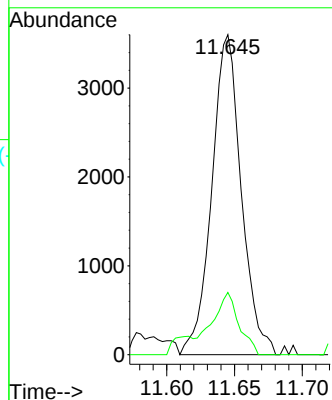
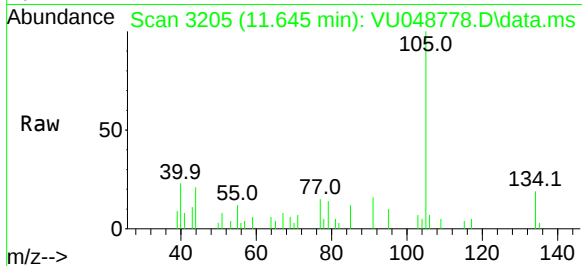




#85
 sec-Butylbenzene
 Concen: 0.416 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048778.D
 Acq: 01 Jun 2022 13:42

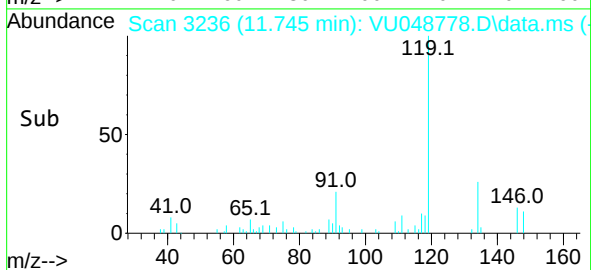
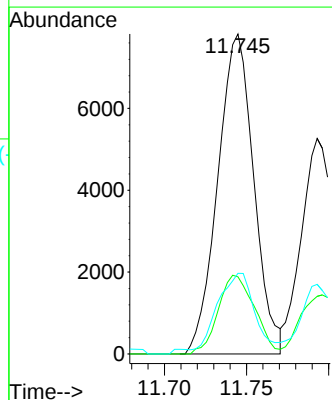
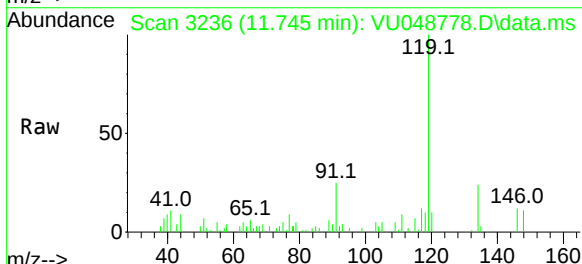
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

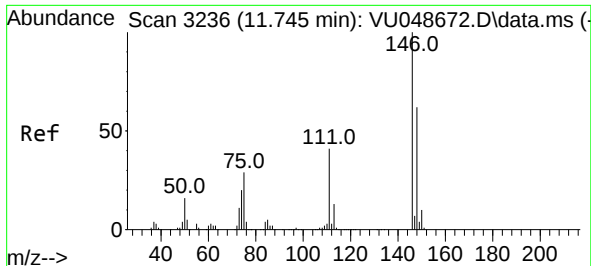
Tgt Ion:105 Resp: 5449
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 1.060 ug/l
 RT: 11.745 min Scan# 3236
 Delta R.T. -0.048 min
 Lab File: VU048778.D
 Acq: 01 Jun 2022 13:42

Tgt Ion:119 Resp: 11918
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.4
 91 23.7 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 0.221 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

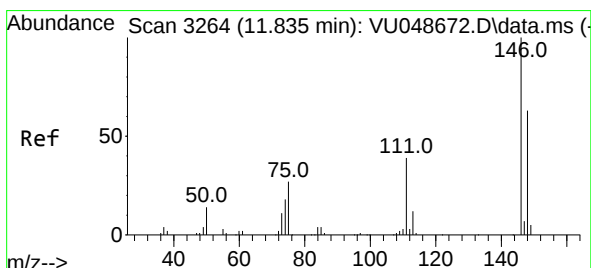
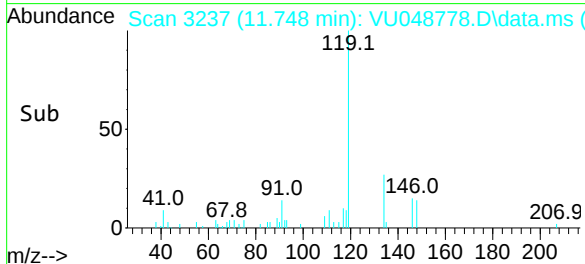
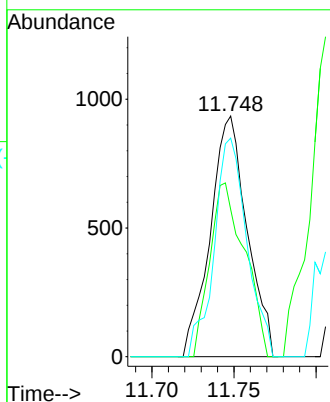
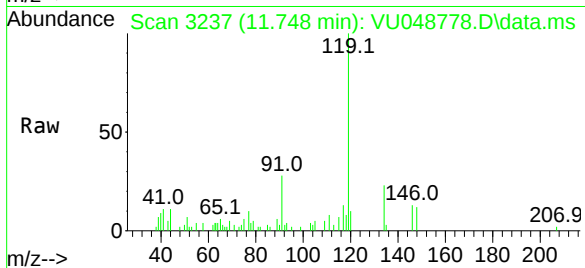
Tgt Ion:146 Resp: 1460

Ion Ratio Lower Upper

146 100

111 68.4 20.6 61.9#

148 80.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.334 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

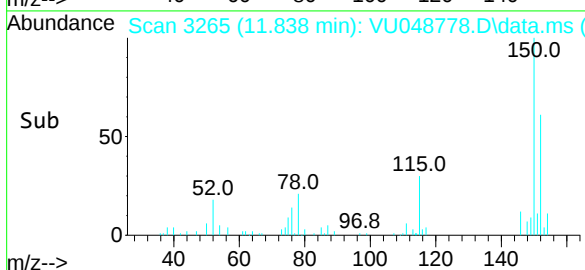
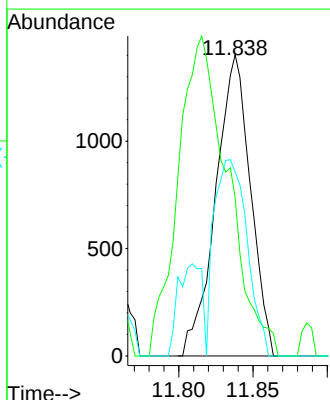
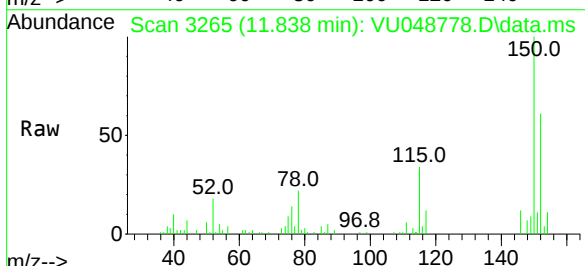
Tgt Ion:146 Resp: 2278

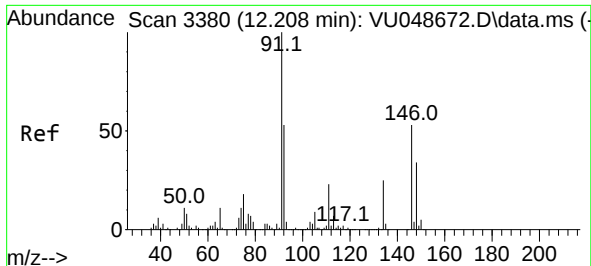
Ion Ratio Lower Upper

146 100

111 0.0 20.2 60.6#

148 61.9 32.4 97.0

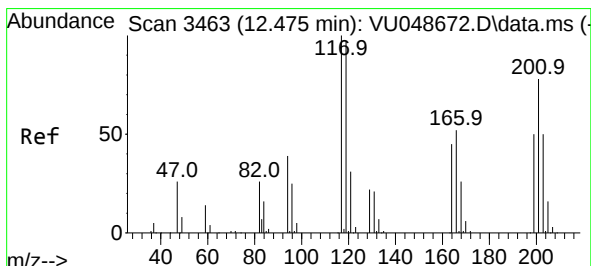
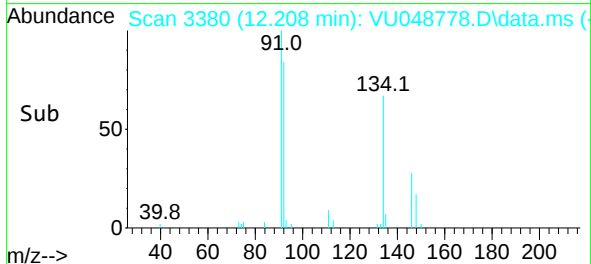
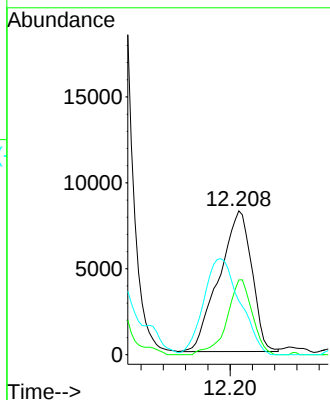
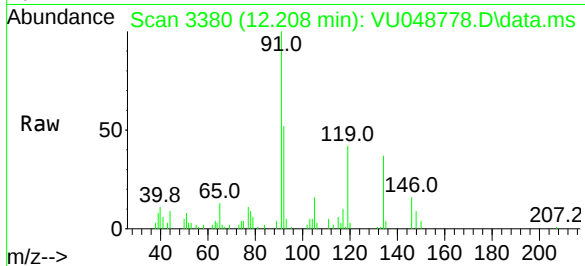




#89
n-Butylbenzene
Concen: 3.609 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

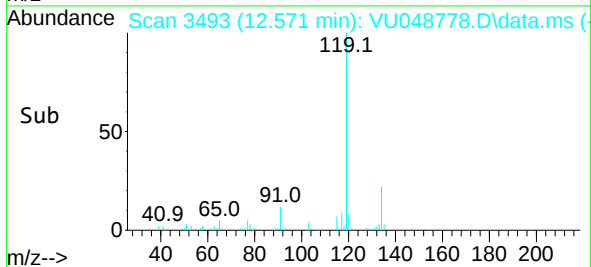
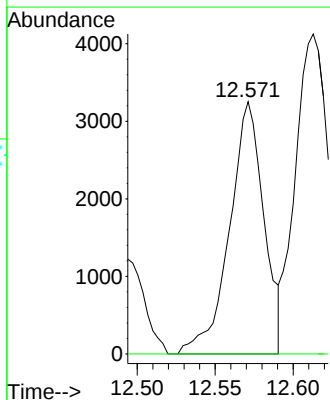
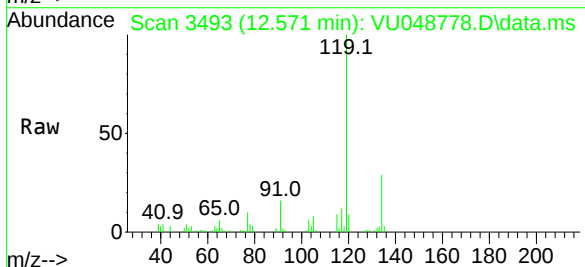
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

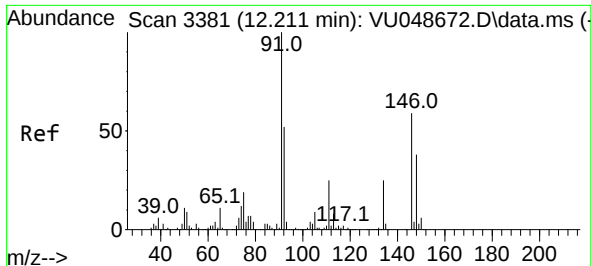
Tgt Ion: 91 Resp: 16749
Ion Ratio Lower Upper
91 100
92 41.0 25.9 77.8
134 75.7 12.5 37.5#



#90
Hexachloroethane
Concen: 2.177 ug/l
RT: 12.571 min Scan# 3493
Delta R.T. 0.096 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 117 Resp: 4995
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#





#91

1,2-Dichlorobenzene

Concen: 0.367 ug/l

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

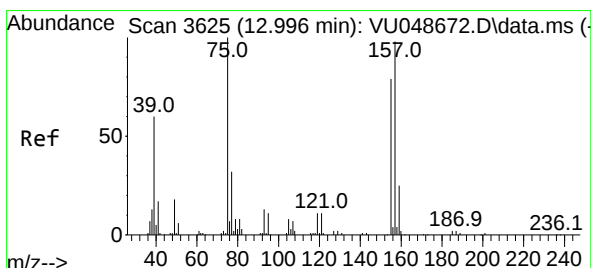
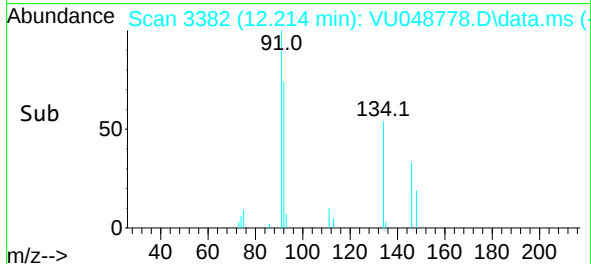
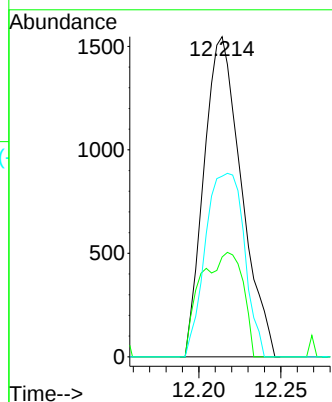
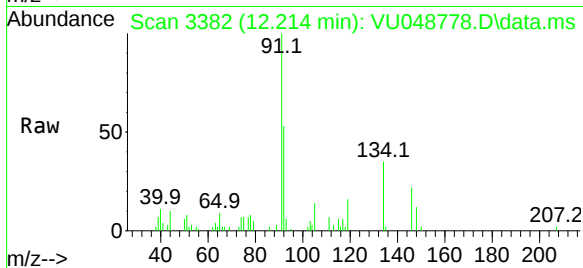
Tgt Ion:146 Resp: 2445

Ion Ratio Lower Upper

146 100

111 36.8 21.4 64.3

148 59.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.348 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

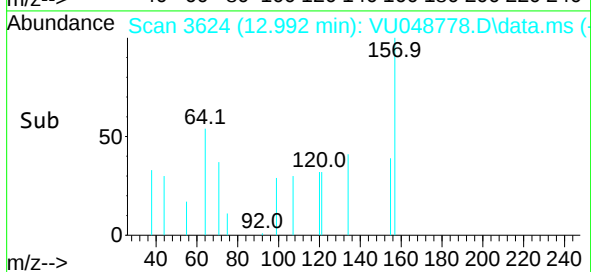
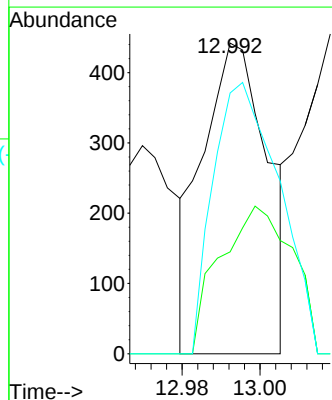
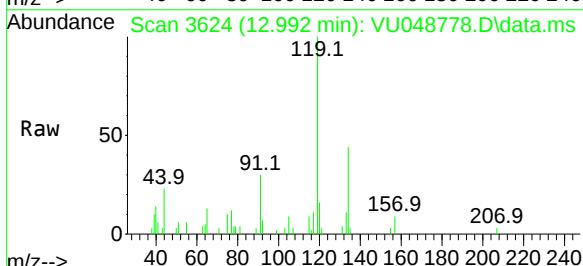
Tgt Ion: 75 Resp: 513

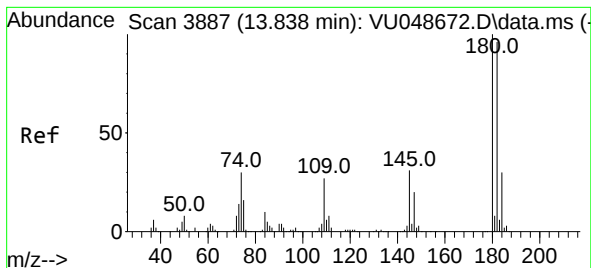
Ion Ratio Lower Upper

75 100

155 52.8 40.3 120.8

157 88.9 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 1.326 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

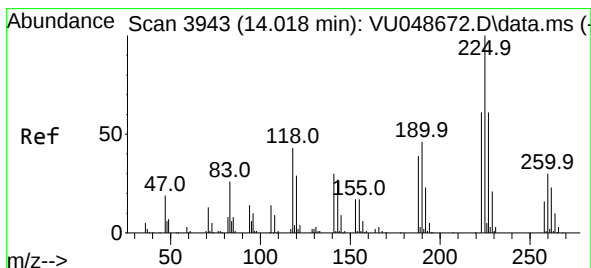
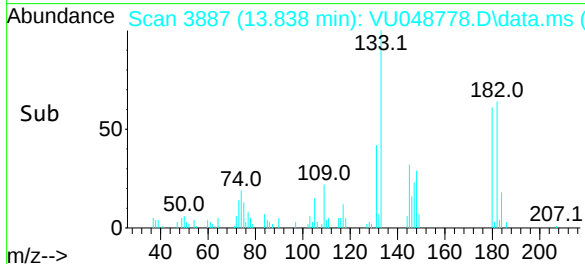
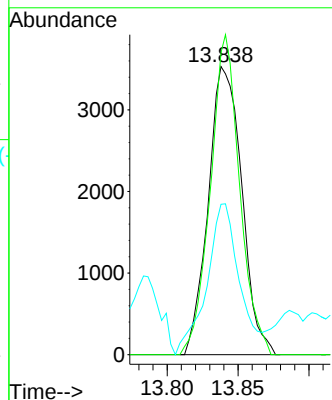
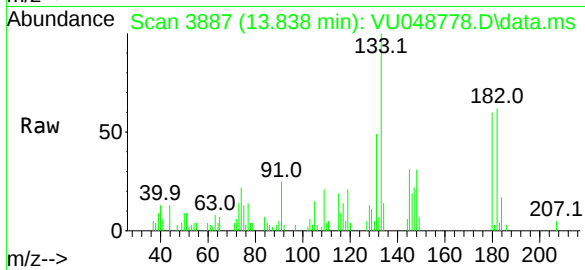
Tgt Ion:180 Resp: 5803

Ion Ratio Lower Upper

180 100

182 97.4 48.3 144.9

145 50.9 15.6 46.7#



#94

Hexachlorobutadiene

Concen: 0.592 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. 0.006 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

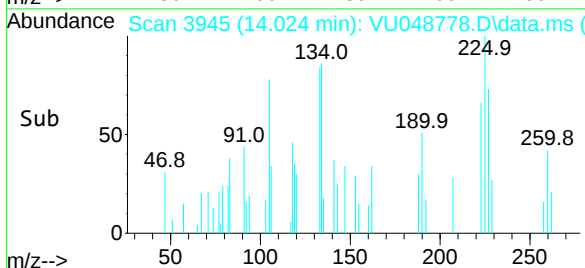
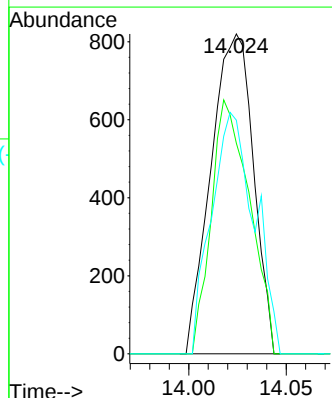
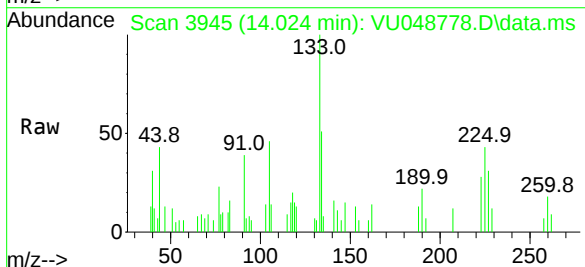
Tgt Ion:225 Resp: 1242

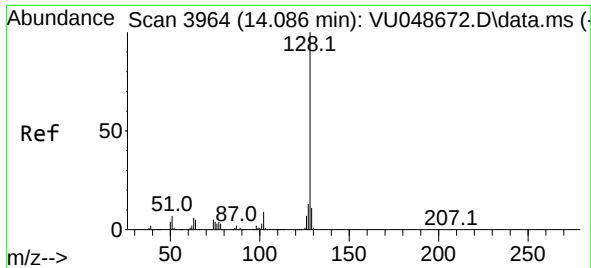
Ion Ratio Lower Upper

225 100

223 71.7 30.9 92.8

227 76.7 31.1 93.5

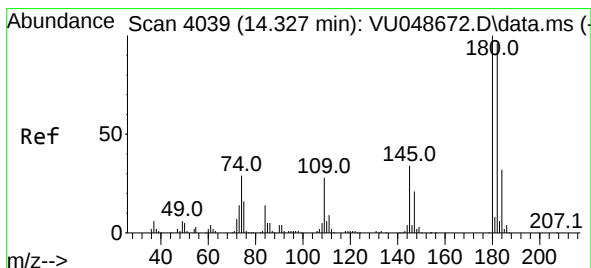
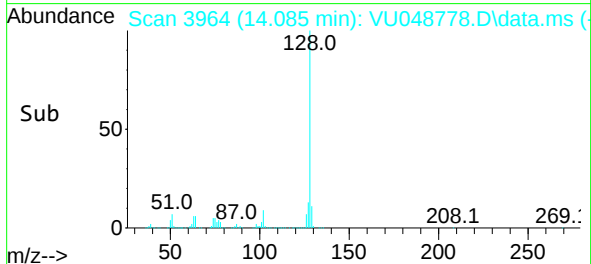
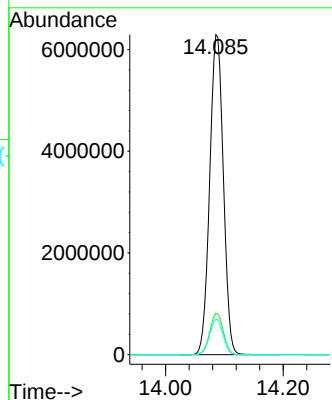
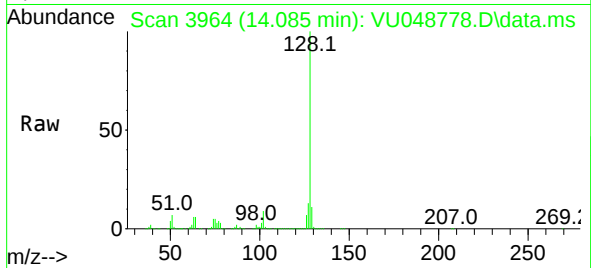




#95
Naphthalene
Concen: 629.165 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

Tgt Ion:128 Resp:10089611
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.627 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion:180 Resp: 7053
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 15.2 16.6 49.8#

