

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060622\
 Data File : VU048880.D
 Acq On : 06 Jun 2022 14:20
 Operator : SY/MD
 Sample : N3165-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 59BR-20220531

Quant Time: Jun 07 05:15:48 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	253423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	413283	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	367026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	164615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183181	48.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.260%
35) Dibromofluoromethane	5.288	113	138122	46.846	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.700%
50) Toluene-d8	7.899	98	496736	46.999	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.000%
62) 4-Bromofluorobenzene	10.632	95	181918	45.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1264	0.338	ug/l	93
5) Bromomethane	1.835	94	407	Below Cal		93
6) Chloroethane	1.932	64	232	Below Cal	#	43
10) Methyl Iodide	2.723	142	171	3.045	ug/l #	37
11) Tert butyl alcohol	3.186	59	16929	17.545	ug/l #	29
13) Acrolein	2.481	56	288	Below Cal	#	56
14) Allyl chloride	2.764	41	2867	0.574	ug/l #	70
15) Acrylonitrile	3.334	53	672	0.321	ug/l #	68
16) Acetone	2.626	43	11607	5.984	ug/l	95
17) Carbon Disulfide	2.787	76	1675	0.222	ug/l #	75
18) Methyl Acetate	2.954	43	981	0.201	ug/l #	51
25) 2-Butanone	4.713	43	4535	1.628	ug/l #	86
29) Tetrahydrofuran	5.054	42	1482	0.844	ug/l #	81
31) Cyclohexane	5.372	56	5536	1.154	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	21149	4.915	ug/l #	50
37) Ethyl Acetate	4.803	43	81385	14.960	ug/l	98
38) Carbon Tetrachloride	5.372	117	27206	5.511	ug/l #	17
41) Methacrylonitrile	5.054	41	1409	0.513	ug/l #	39
49) 1,4-Dioxane	6.976	88	176	2.221	ug/l #	45
51) 4-Methyl-2-Pentanone	7.796	43	3992	0.779	ug/l #	85
56) Ethyl methacrylate	8.330	69	129	2.636	ug/l #	11
58) 2-Chloroethyl Vinyl ether	7.446	63	293	29.973	ug/l #	47
59) 2-Hexanone	8.687	43	4212	1.001	ug/l	89
64) Tetrachloroethene	8.558	164	221	Below Cal	#	76
74) N-amyl acetate	10.324	43	1537	2.738	ug/l #	79
76) 1,2,3-Trichloropropane	10.632	75	94521	17.809	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	94521	64.661	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.475	105	1574	1.341	ug/l	96
87) 1,3-Dichlorobenzene	11.748	146	1489	0.266	ug/l	95
88) 1,4-Dichlorobenzene	11.748	146	1489	0.258	ug/l	97
89) n-Butylbenzene	12.211	91	4871	2.674	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	1321	0.234	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	12.999	75	365	0.292	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.848	180	3542	0.955	ug/l	95
94) Hexachlorobutadiene	14.021	225	806	0.453	ug/l	94
95) Naphthalene	14.092	128	23882	4.282	ug/l	99

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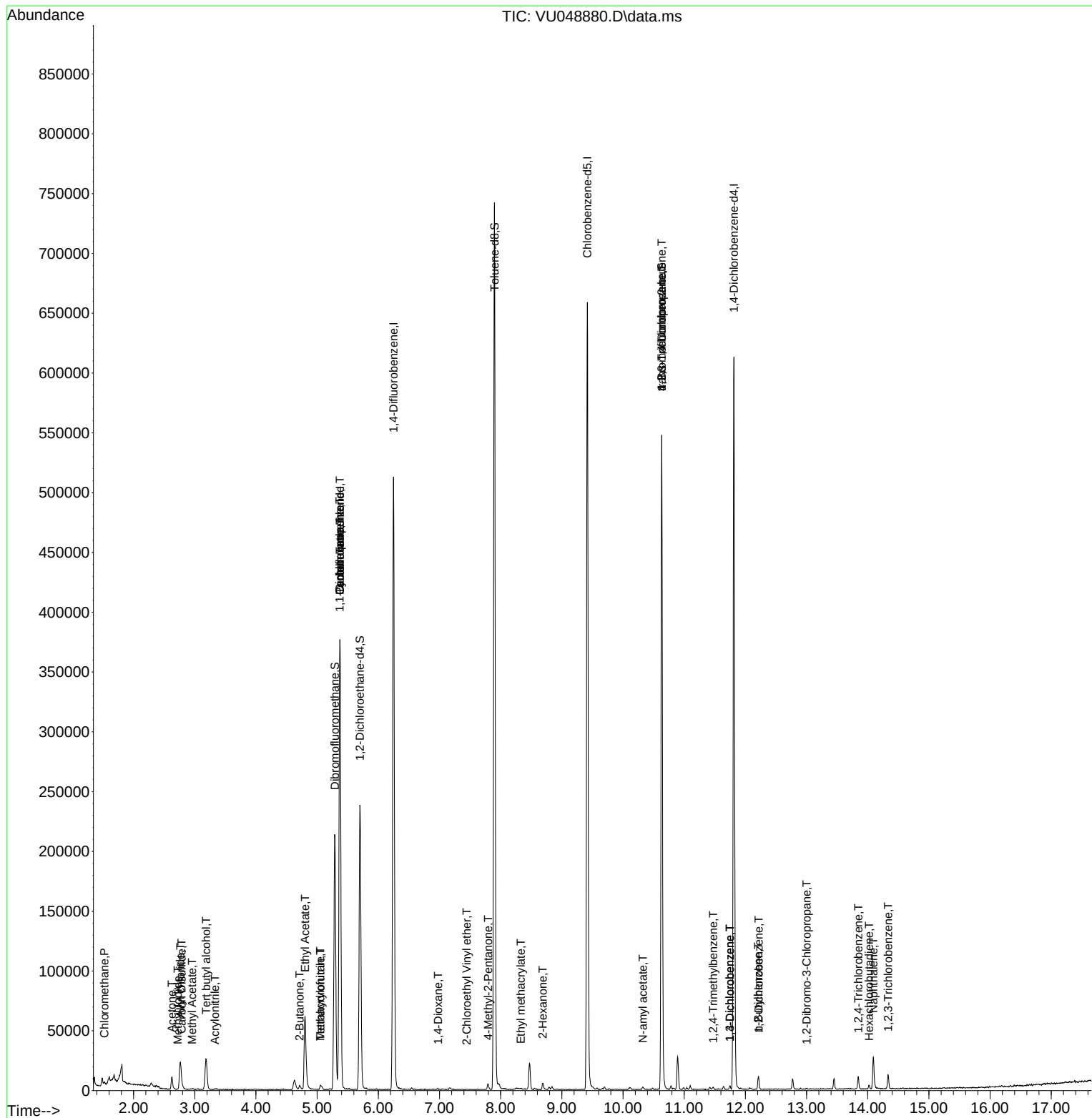
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.336	180	4362	1.187	ug/l	92

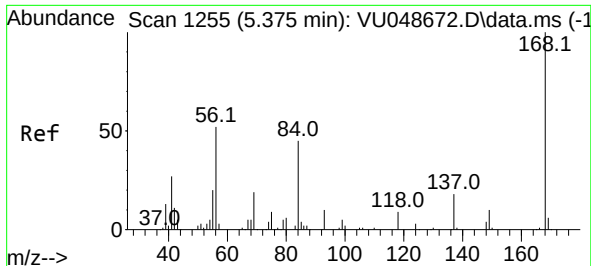
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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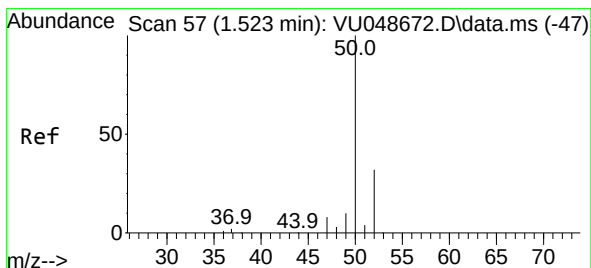
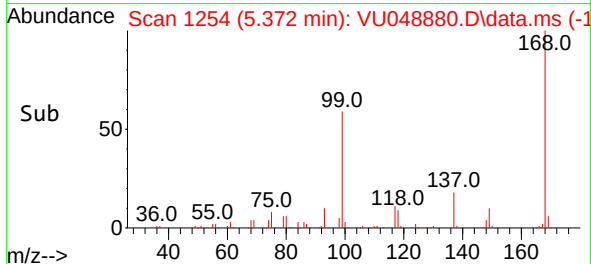
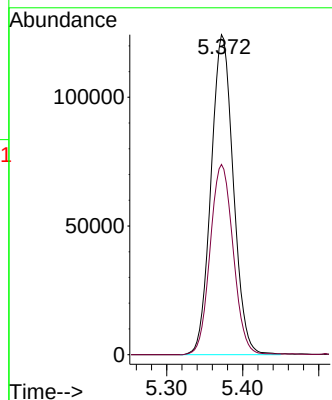
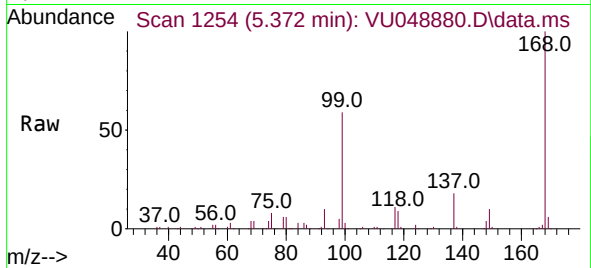




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

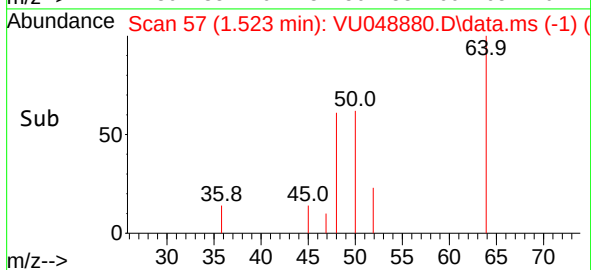
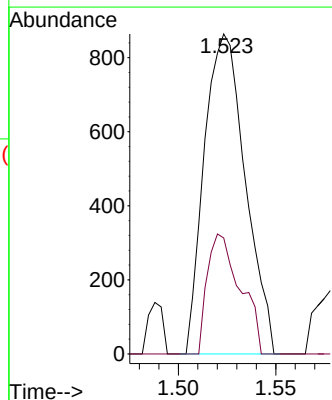
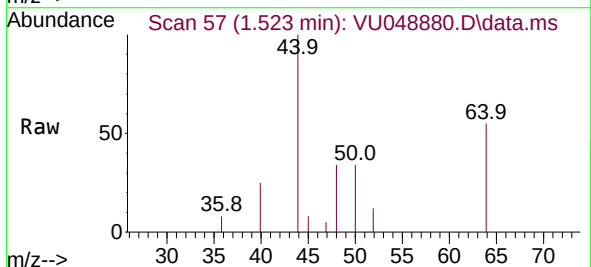
Instrument :
MSVOA_U
ClientSampleId :
59BR-20220531

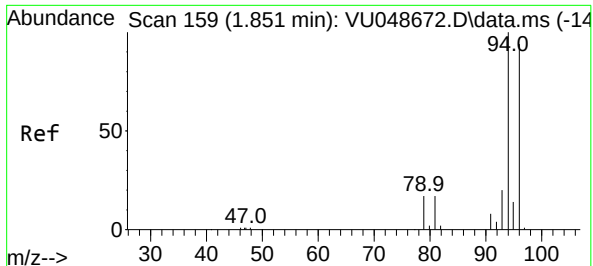
Tgt Ion:168 Resp: 253423
Ion Ratio Lower Upper
168 100
99 59.4 49.3 73.9



#3
Chloromethane
Concen: 0.338 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion: 50 Resp: 1264
Ion Ratio Lower Upper
50 100
52 36.2 25.7 38.5

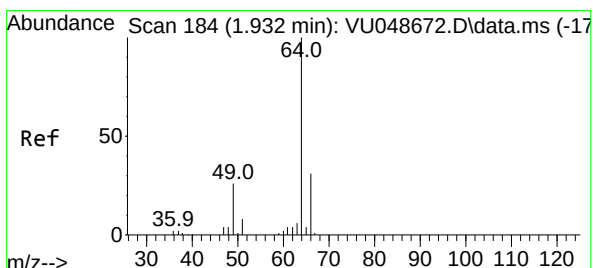
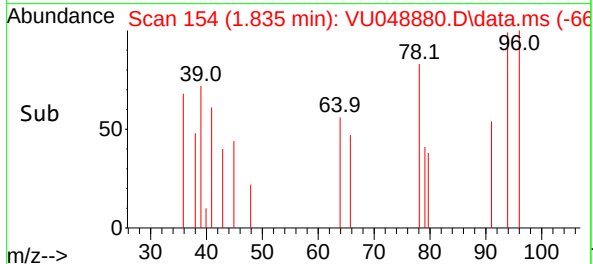
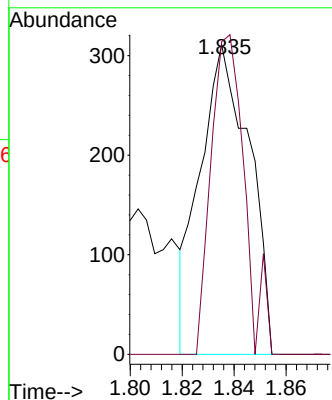
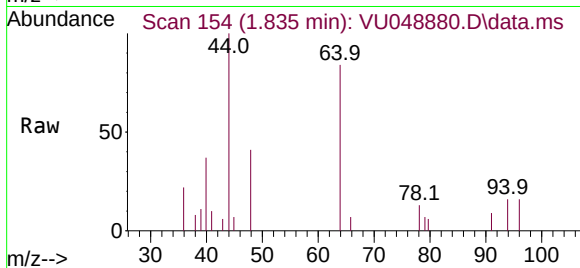




#5
Bromomethane
Concen: Below Cal
RT: 1.835 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

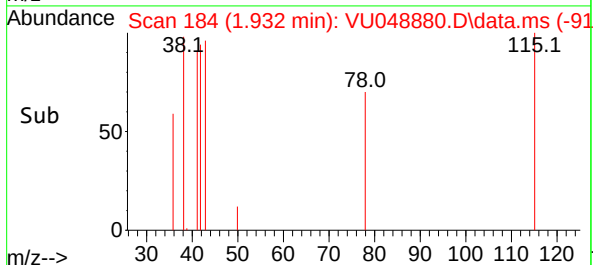
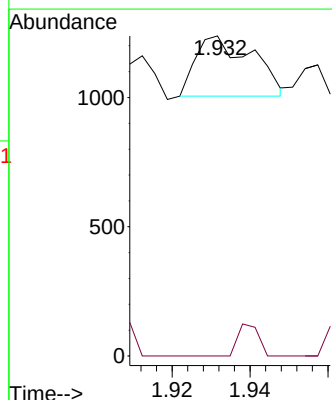
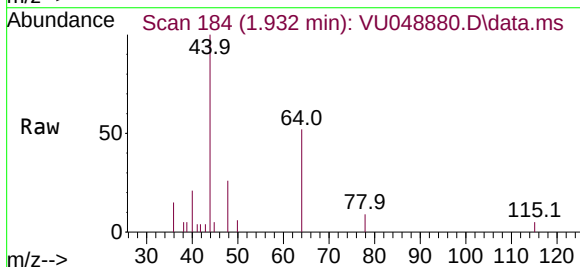
Instrument :
MSVOA_U
ClientSampleId :
59BR-20220531

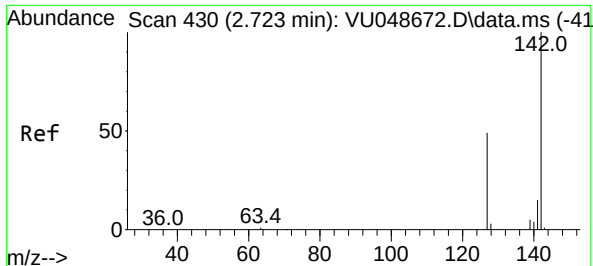
Tgt Ion: 94 Resp: 407
Ion Ratio Lower Upper
94 100
96 101.0 75.1 112.7



#6
Chloroethane
Concen: Below Cal
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

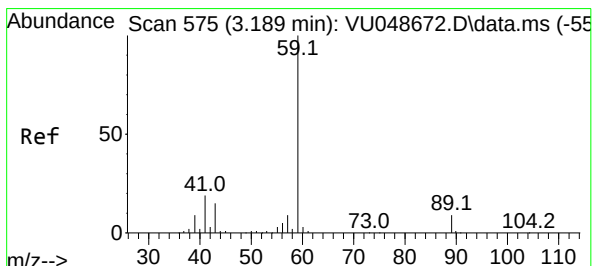
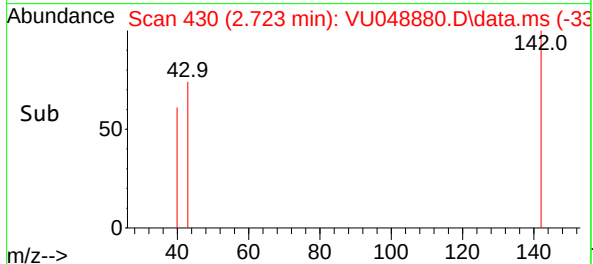
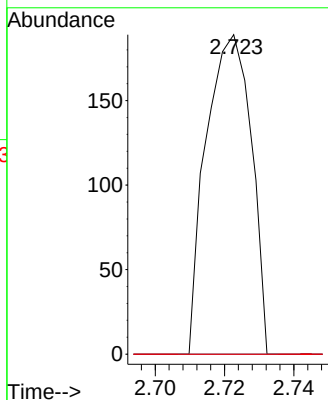
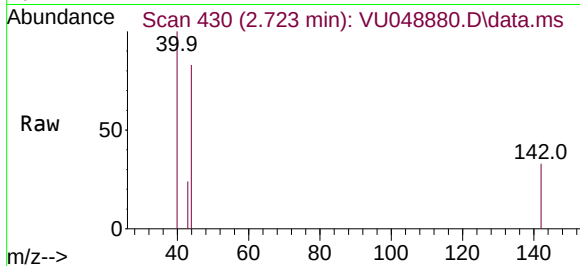




#10
Methyl Iodide
Concen: 3.045 ug/l
RT: 2.723 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

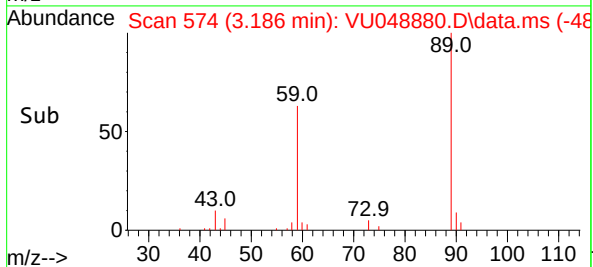
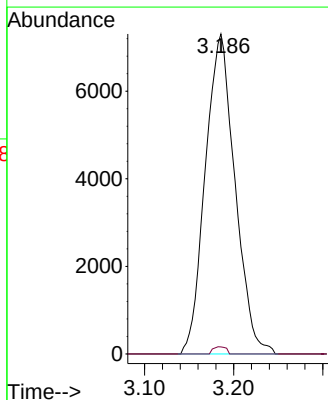
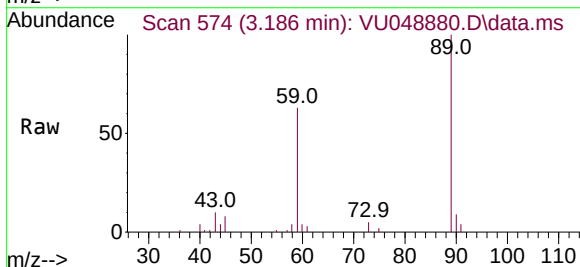
Instrument :
MSVOA_U
ClientSampleId :
59BR-20220531

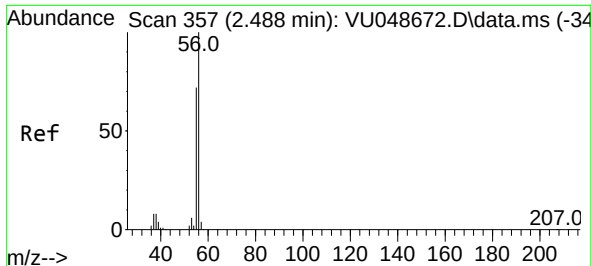
Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 17.545 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.003 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion: 59 Resp: 16929
Ion Ratio Lower Upper
59 100
57 1.0 39.7 59.5#





#13

Acrolein

Concen: Below Cal

RT: 2.481 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

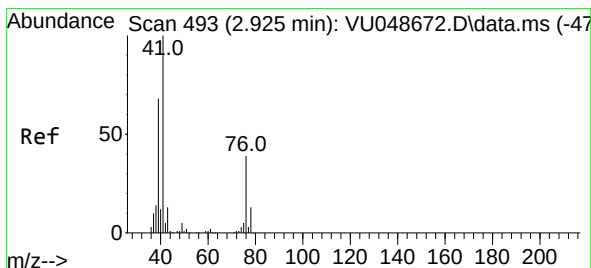
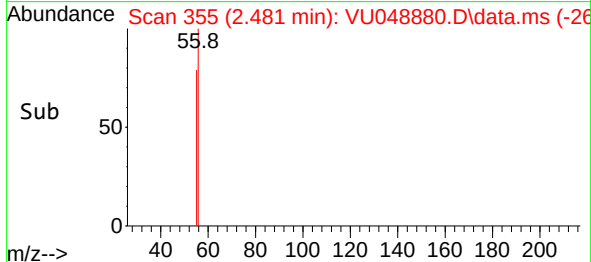
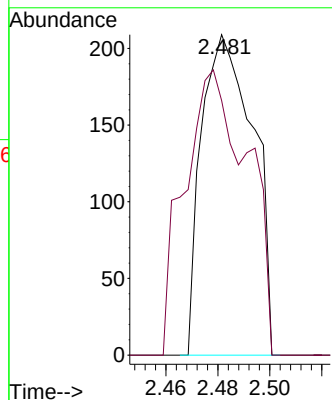
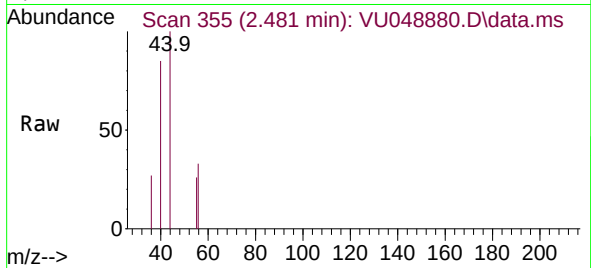
59BR-20220531

Tgt Ion: 56 Resp: 288

Ion Ratio Lower Upper

56 100

55 109.0 57.7 86.5#



#14

Allyl chloride

Concen: 0.574 ug/l

RT: 2.764 min Scan# 443

Delta R.T. -0.161 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

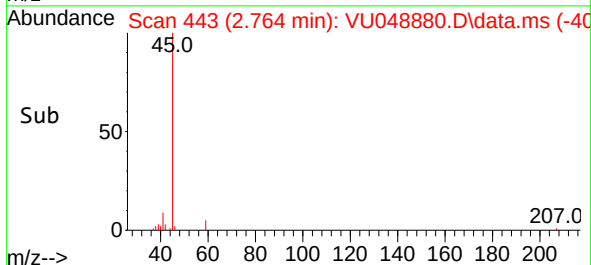
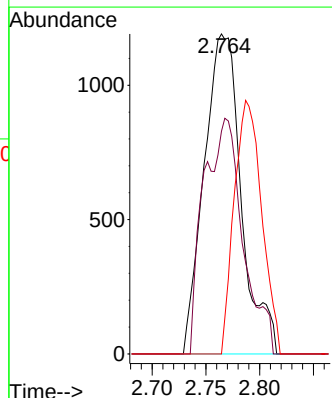
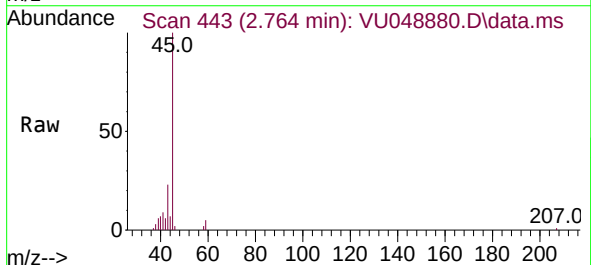
Tgt Ion: 41 Resp: 2867

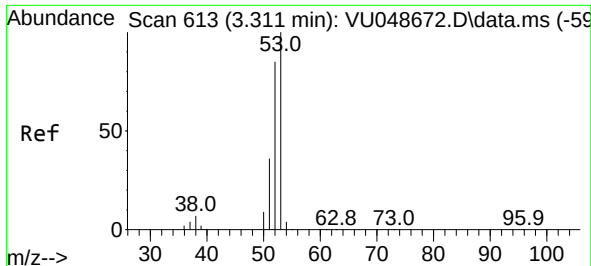
Ion Ratio Lower Upper

41 100

39 50.1 48.6 72.8

76 0.0 27.0 40.4#

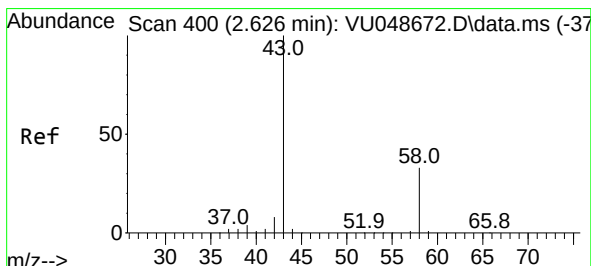
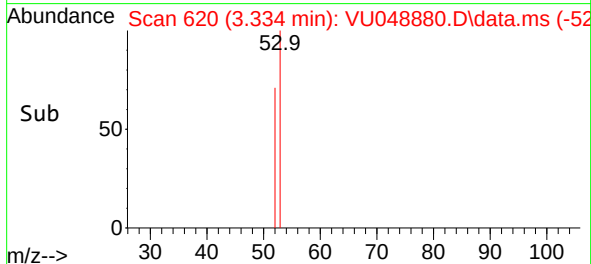
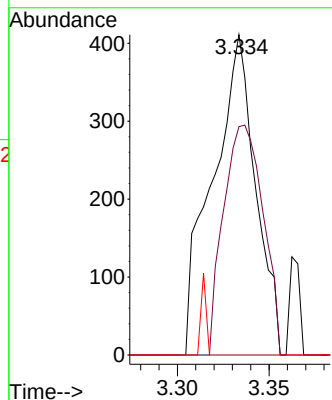
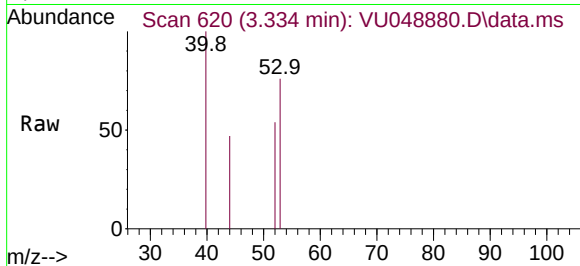




#15
Acrylonitrile
Concen: 0.321 ug/l
RT: 3.334 min Scan# 613
Delta R.T. 0.022 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

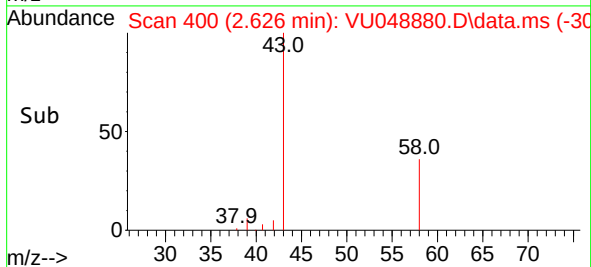
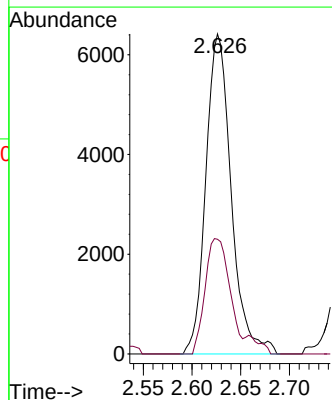
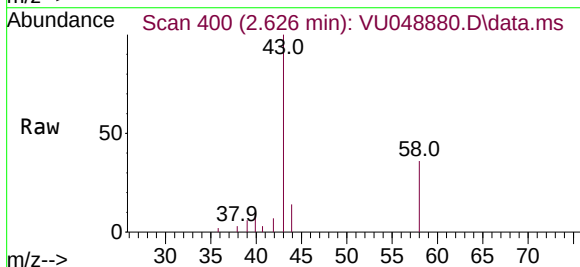
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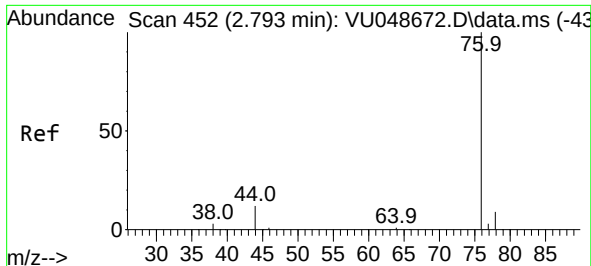
Tgt Ion: 53 Resp: 672
Ion Ratio Lower Upper
53 100
52 65.8 66.3 99.5#
51 0.0 28.6 42.8#



#16
Acetone
Concen: 5.984 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion: 43 Resp: 11607
Ion Ratio Lower Upper
43 100
58 35.9 26.3 39.5

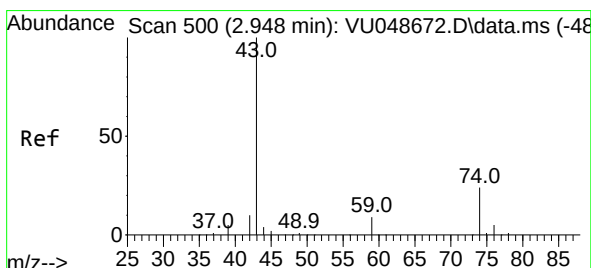
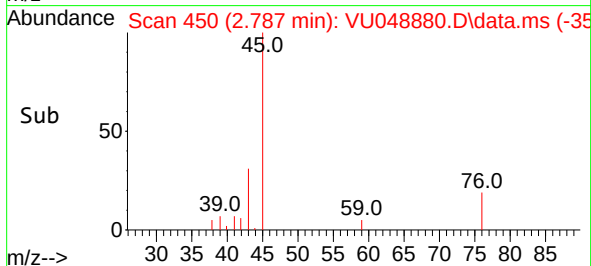
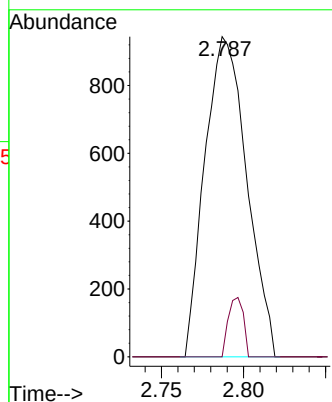
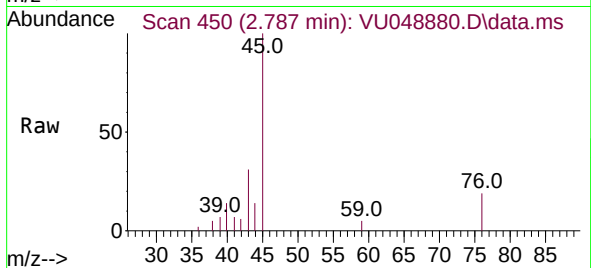




#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.787 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

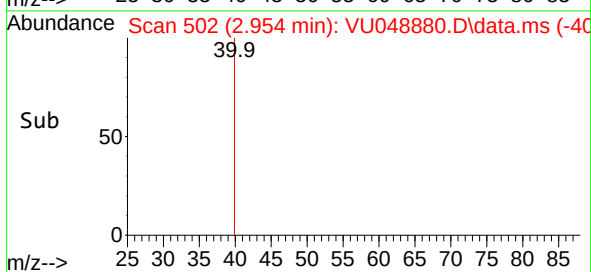
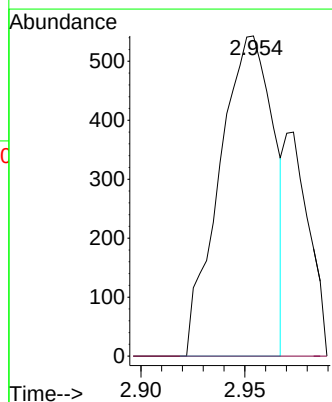
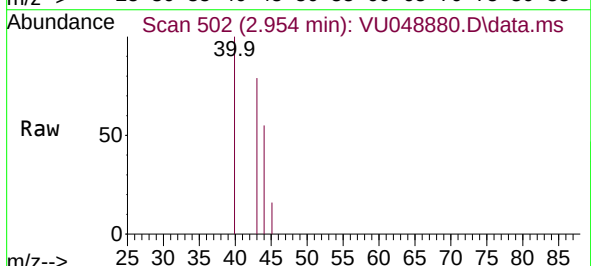
Instrument :
MSVOA_U
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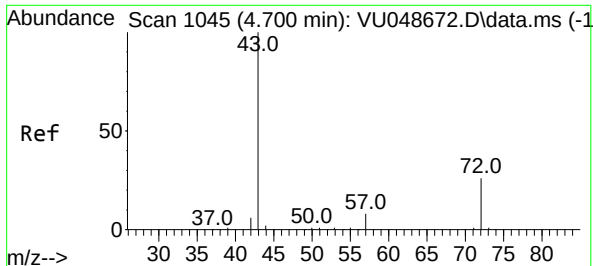
Tgt Ion: 76 Resp: 1675
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





#25

2-Butanone

Concen: 1.628 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

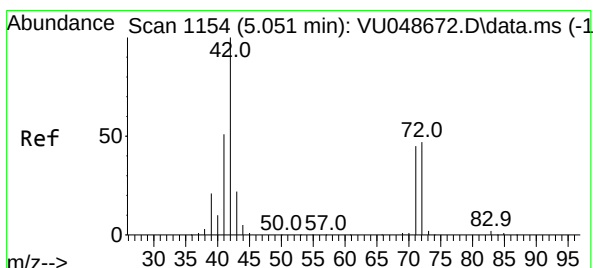
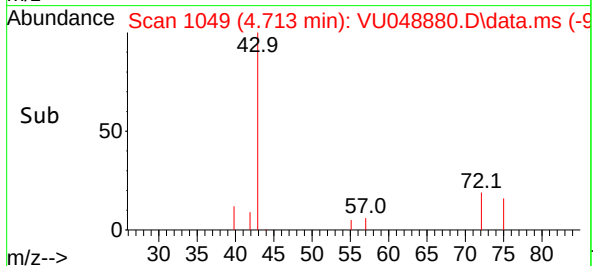
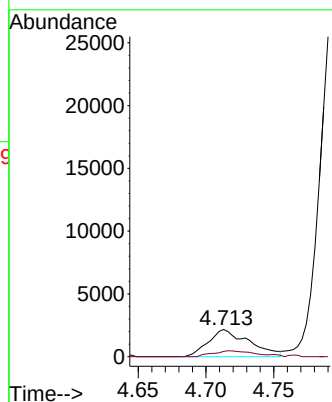
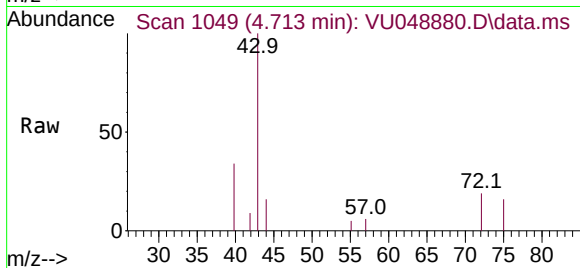
59BR-20220531

Tgt Ion: 43 Resp: 4535

Ion Ratio Lower Upper

43 100

72 19.2 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.844 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. 0.003 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

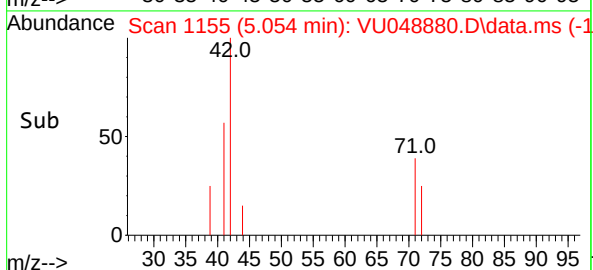
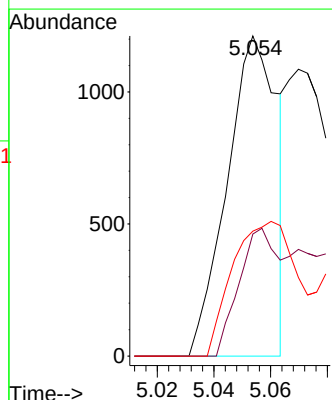
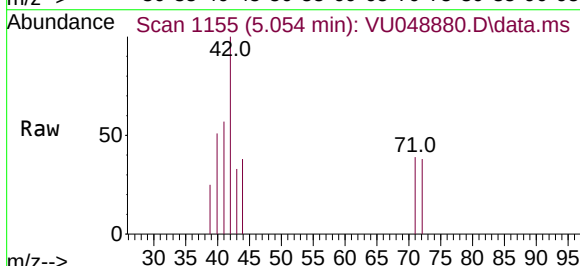
Tgt Ion: 42 Resp: 1482

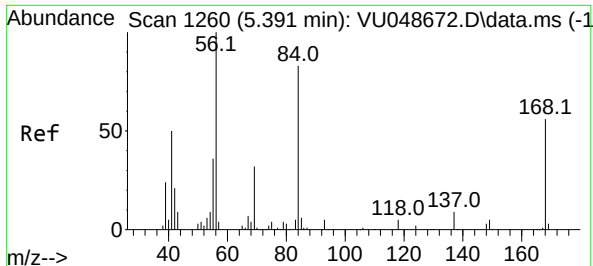
Ion Ratio Lower Upper

42 100

72 31.2 37.6 56.4#

71 53.0 35.0 52.4#





#31

Cyclohexane

Concen: 1.154 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

59BR-20220531

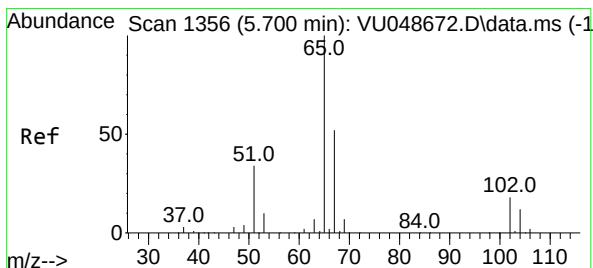
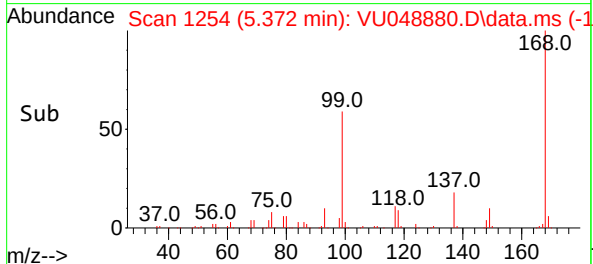
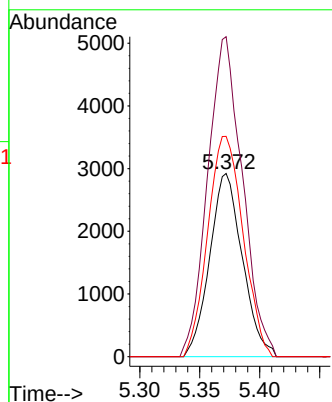
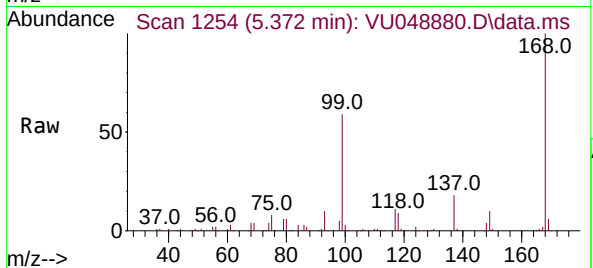
Tgt Ion: 56 Resp: 5536

Ion Ratio Lower Upper

56 100

69 174.7 25.6 38.4#

84 120.3 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 48.130 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. -0.000 min

Lab File: VU048880.D

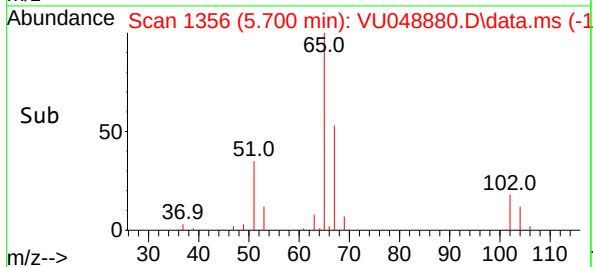
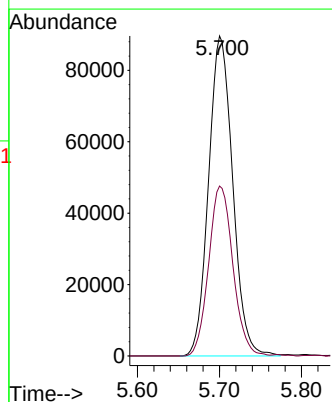
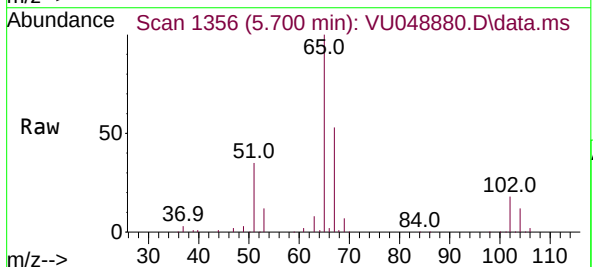
Acq: 06 Jun 2022 14:20

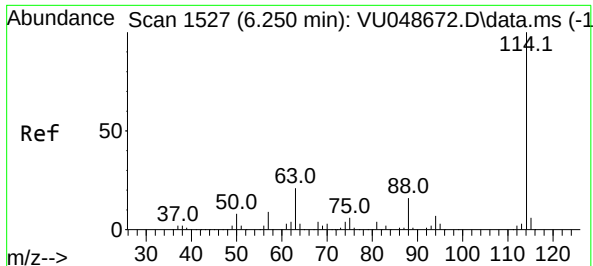
Tgt Ion: 65 Resp: 183181

Ion Ratio Lower Upper

65 100

67 53.4 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: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

59BR-20220531

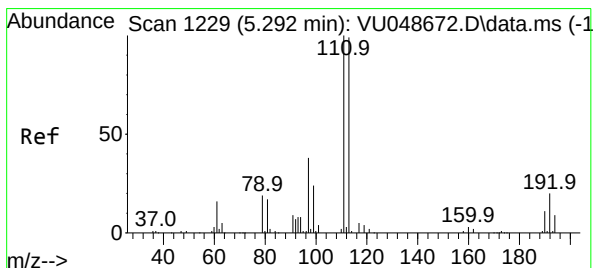
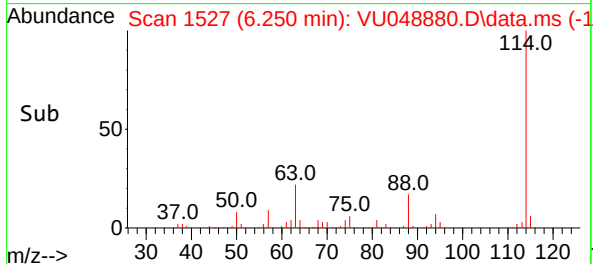
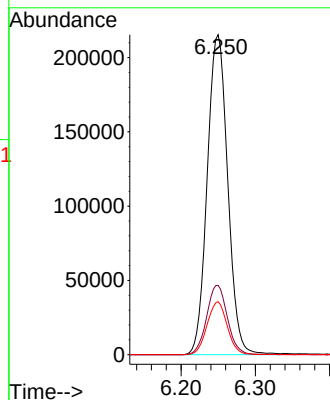
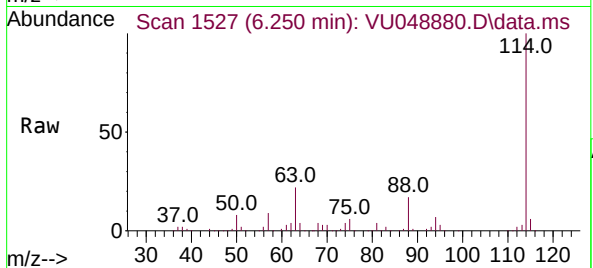
Tgt Ion:114 Resp: 413283

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.846 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

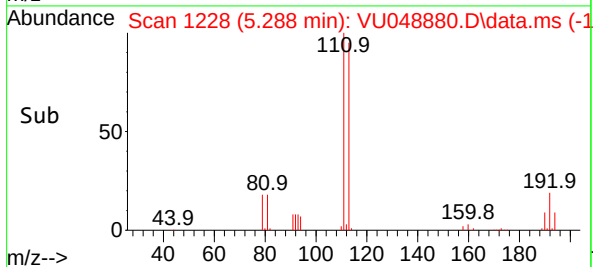
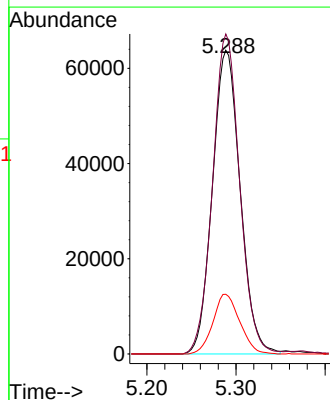
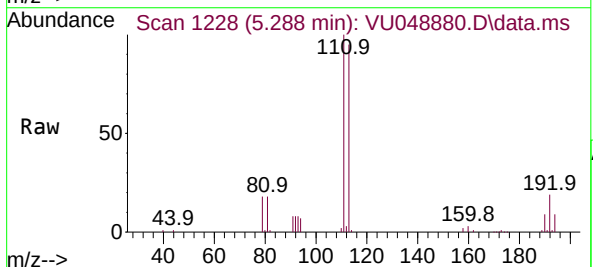
Tgt Ion:113 Resp: 138122

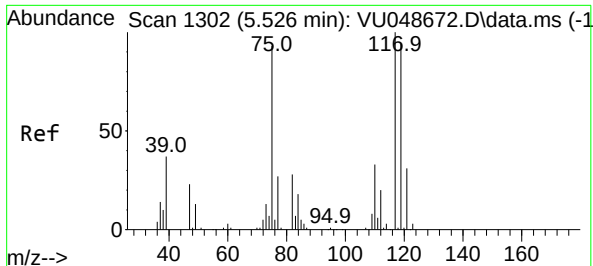
Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

192 19.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.915 ug/l

RT: 5.369 min Scan# 11

Delta R.T. -0.158 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

59BR-20220531

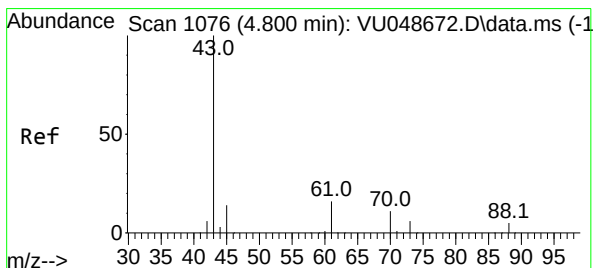
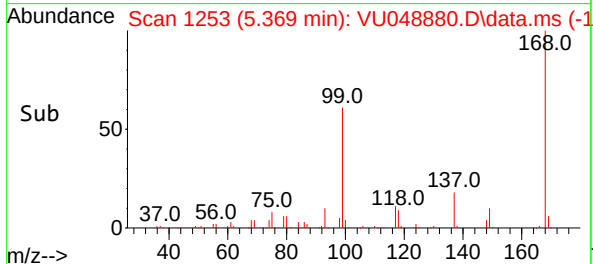
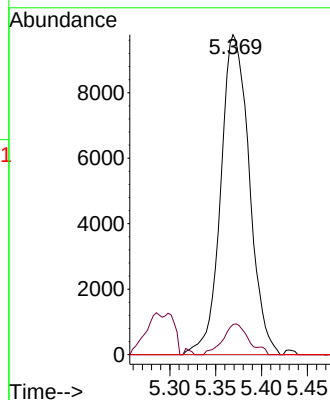
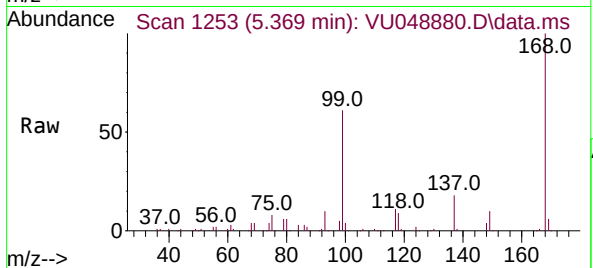
Tgt Ion: 75 Resp: 21149

Ion Ratio Lower Upper

75 100

110 8.7 17.4 52.3#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 14.960 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

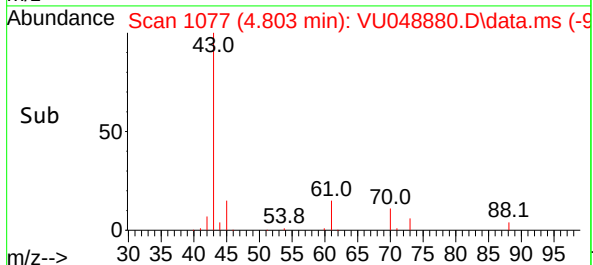
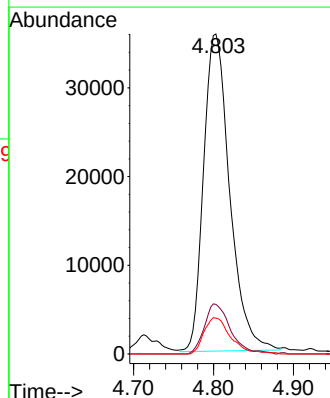
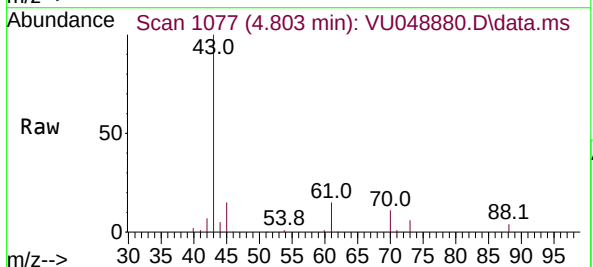
Tgt Ion: 43 Resp: 81385

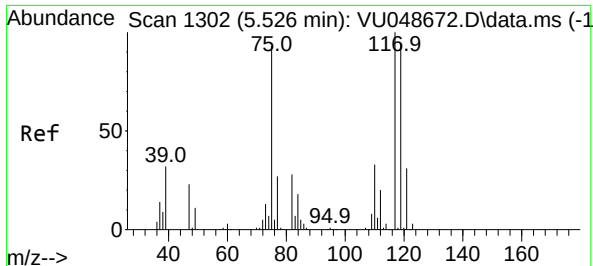
Ion Ratio Lower Upper

43 100

61 15.3 11.7 17.5

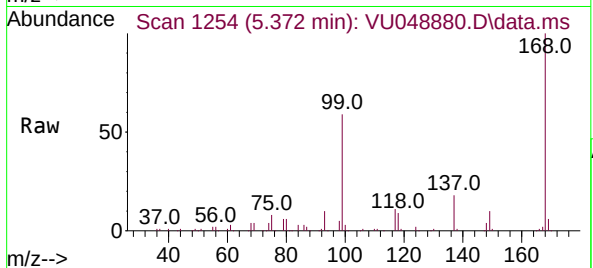
70 11.7 8.4 12.6



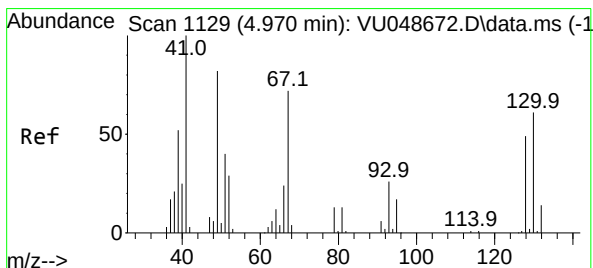
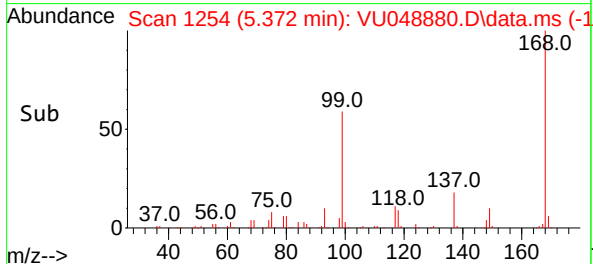
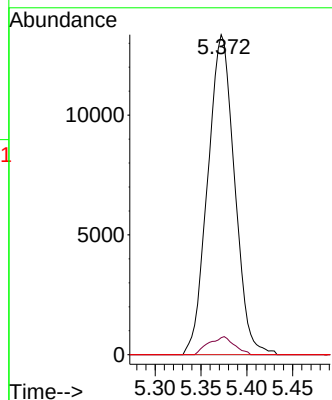


#38
Carbon Tetrachloride
Concen: 5.511 ug/l
RT: 5.372 min Scan# 1155
Delta R.T. -0.154 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Instrument :
MSVOA_U
ClientSampleId :
59BR-20220531

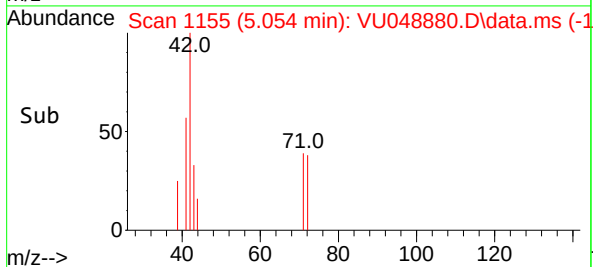
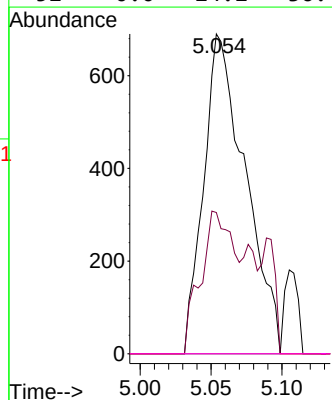
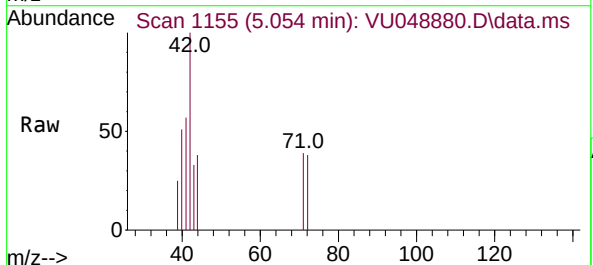


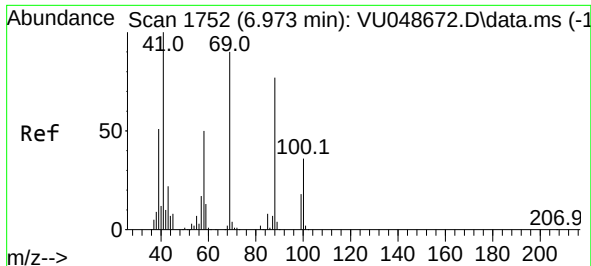
Tgt Ion:117 Resp: 27206
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 24.6 36.8#



#41
Methacrylonitrile
Concen: 0.513 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.084 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion: 41 Resp: 1409
Ion Ratio Lower Upper
41 100
39 35.7 42.6 64.0#
67 0.0 61.0 91.4#
52 0.0 24.2 36.4#





#49

1,4-Dioxane

Concen: 2.221 ug/l

RT: 6.976 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

59BR-20220531

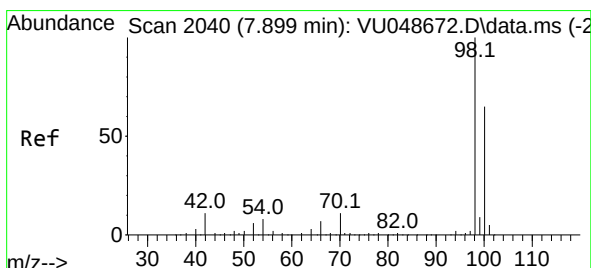
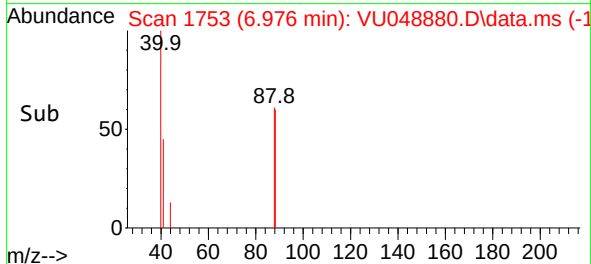
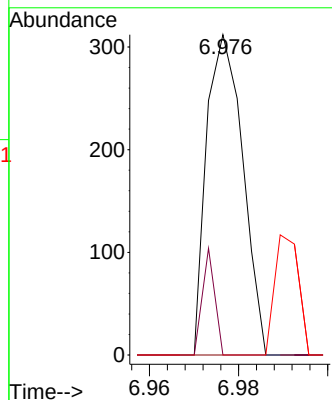
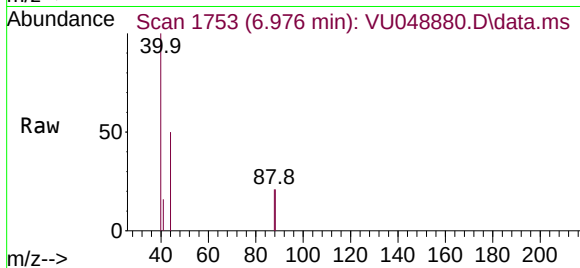
Tgt Ion: 88 Resp: 176

Ion Ratio Lower Upper

88 100

43 0.0 24.6 36.8#

58 24.4 54.7 82.1#



#50

Toluene-d8

Concen: 46.999 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048880.D

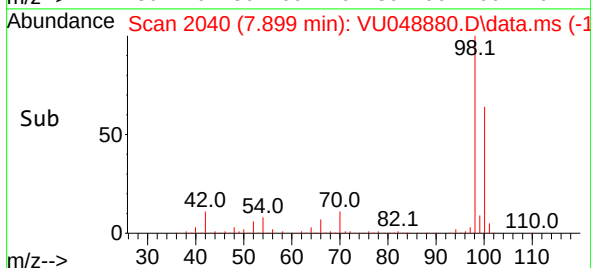
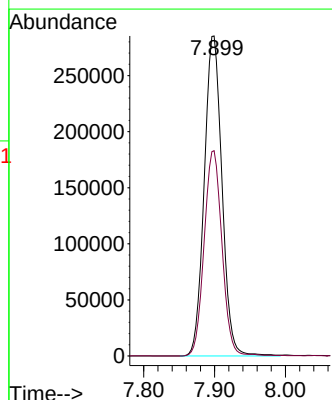
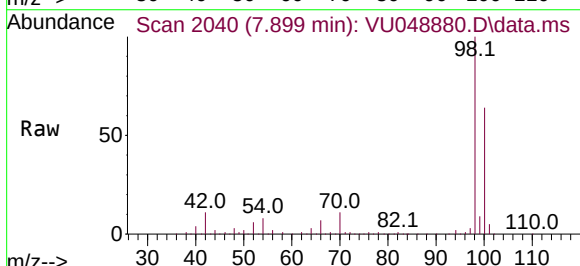
Acq: 06 Jun 2022 14:20

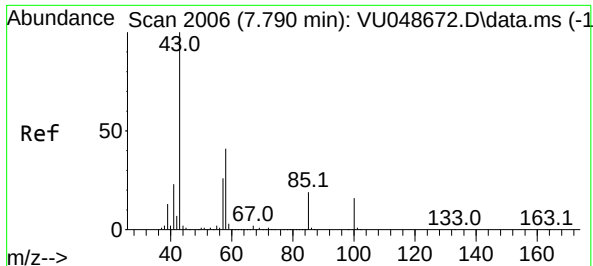
Tgt Ion: 98 Resp: 496736

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.779 ug/l

RT: 7.796 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

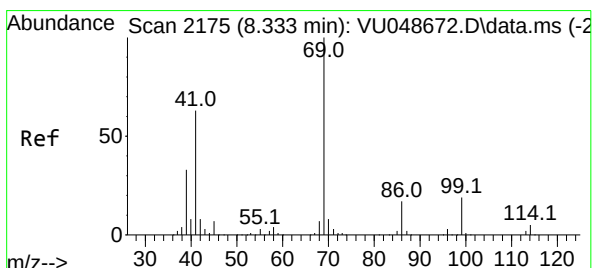
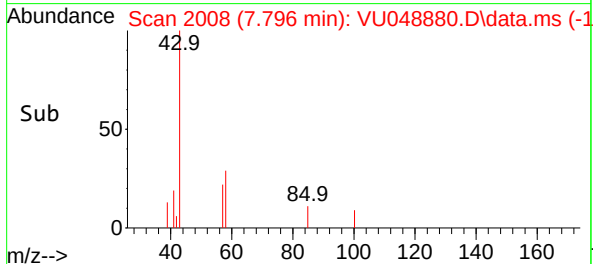
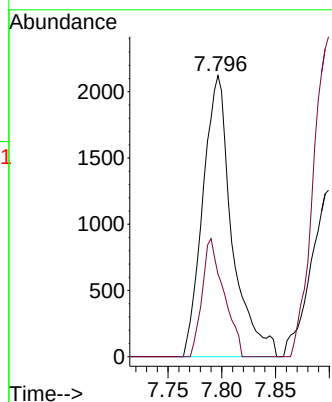
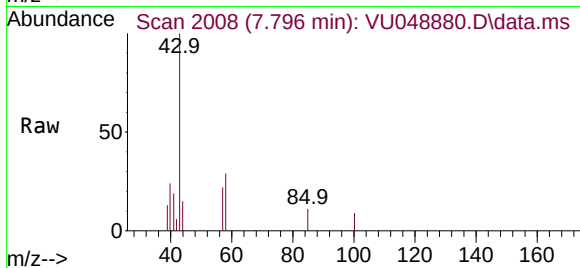
59BR-20220531

Tgt Ion: 43 Resp: 3992

Ion Ratio Lower Upper

43 100

58 31.3 32.7 49.1#



#56

Ethyl methacrylate

Concen: 2.636 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

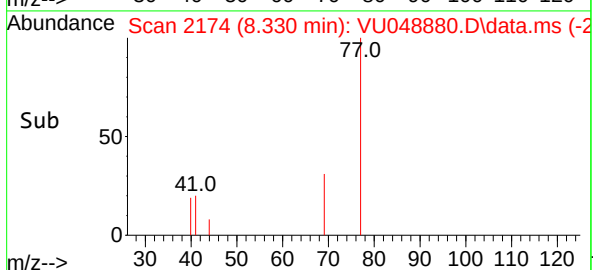
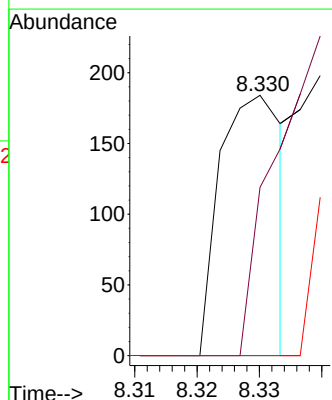
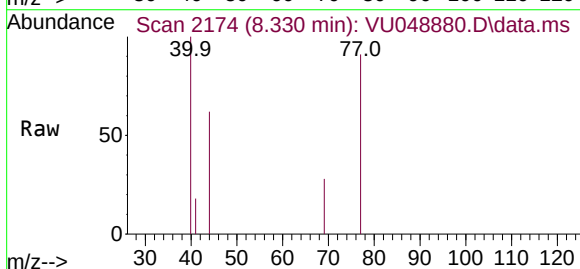
Tgt Ion: 69 Resp: 129

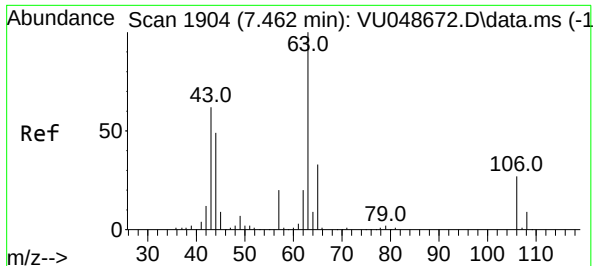
Ion Ratio Lower Upper

69 100

41 169.0 50.6 76.0#

39 33.3 26.6 40.0





#58

2-Chloroethyl Vinyl ether

Concen: 29.973 ug/l

RT: 7.446 min Scan# 1899

Delta R.T. -0.016 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

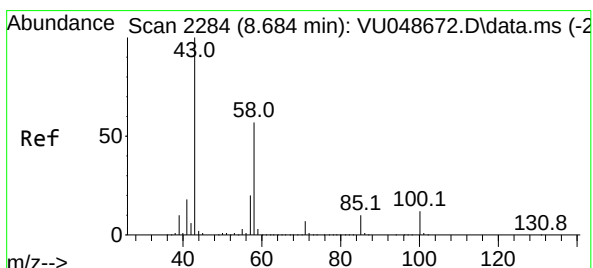
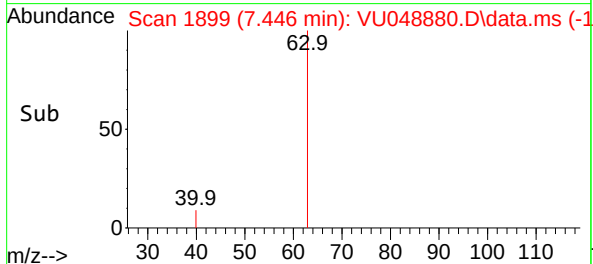
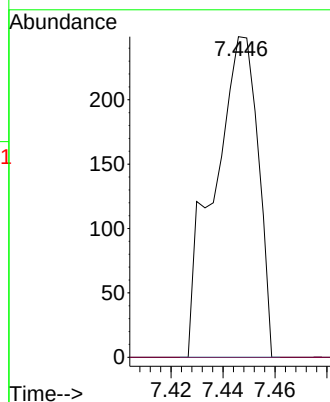
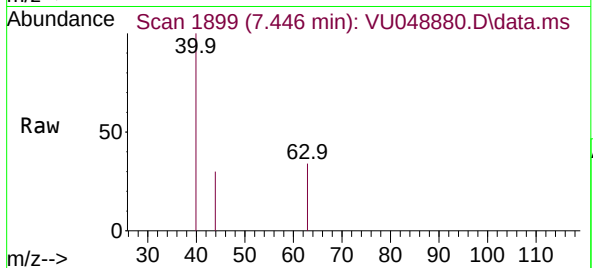
59BR-20220531

Tgt Ion: 63 Resp: 293

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#



#59

2-Hexanone

Concen: 1.001 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU048880.D

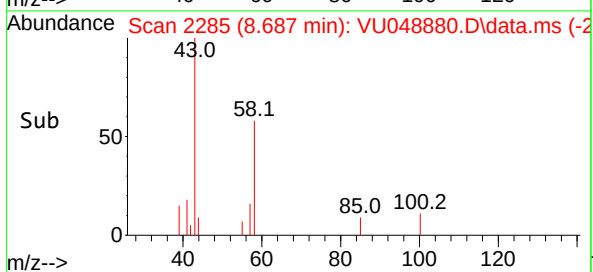
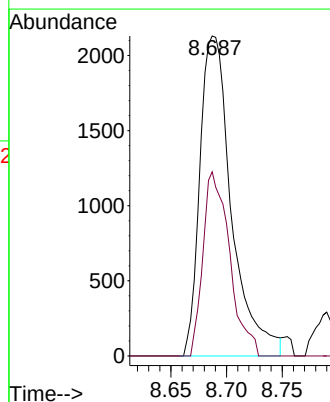
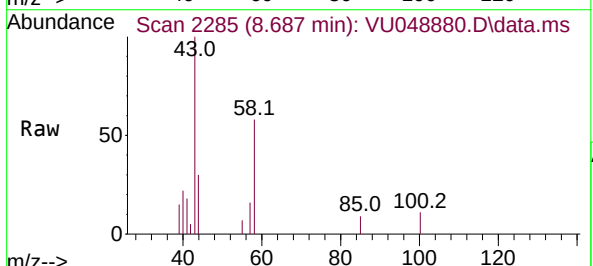
Acq: 06 Jun 2022 14:20

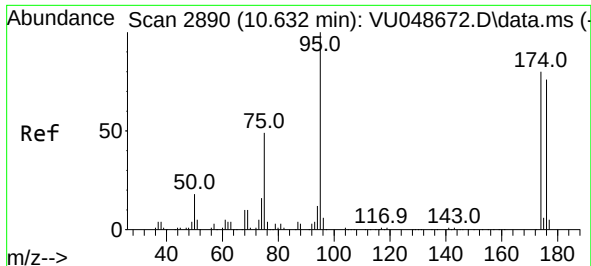
Tgt Ion: 43 Resp: 4212

Ion Ratio Lower Upper

43 100

58 48.3 28.2 84.6

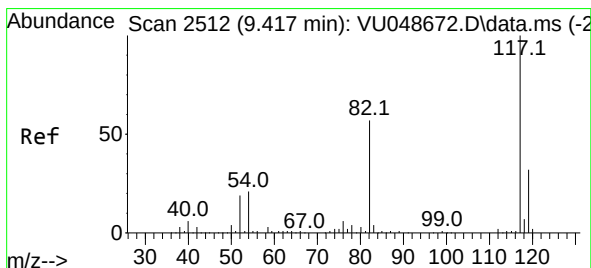
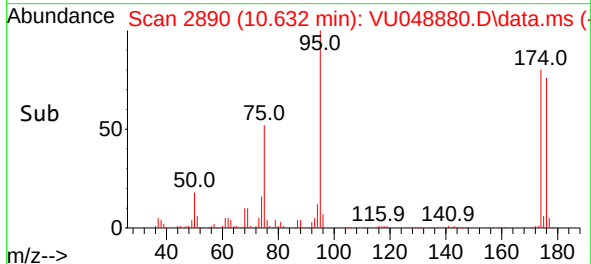
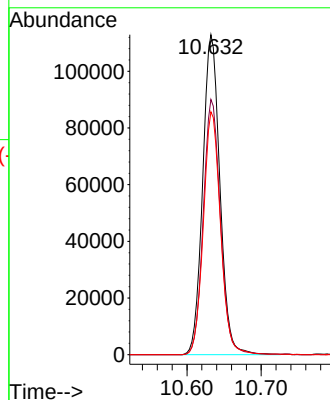
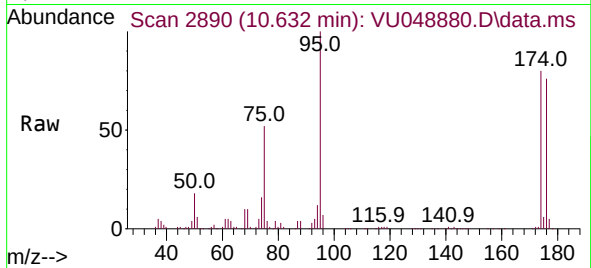




#62
4-Bromofluorobenzene
Concen: 45.512 ug/l
RT: 10.632 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

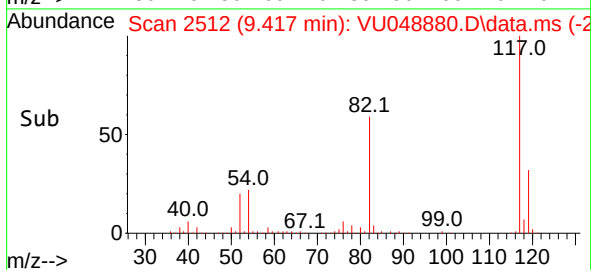
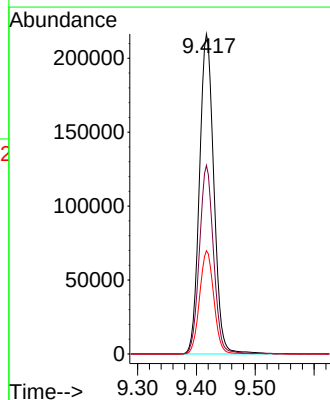
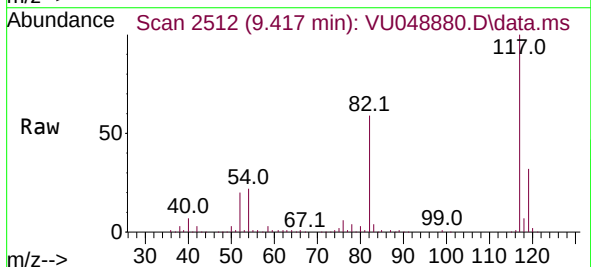
Instrument : MSVOA_U
ClientSampleId : 59BR-20220531

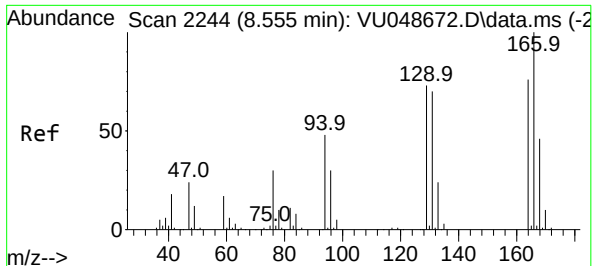
Tgt Ion: 95 Resp: 181918
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.4
176 75.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion: 117 Resp: 367026
Ion Ratio Lower Upper
117 100
82 59.0 45.3 67.9
119 32.3 25.4 38.2

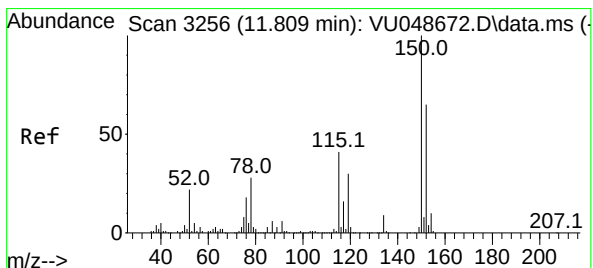
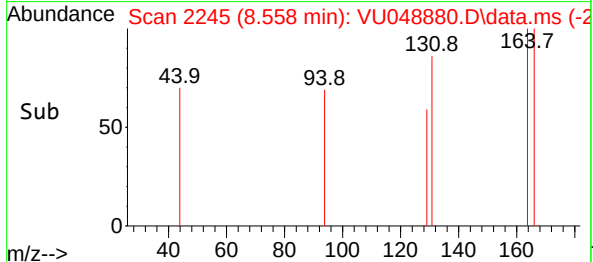
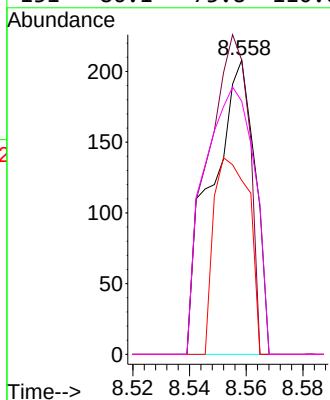
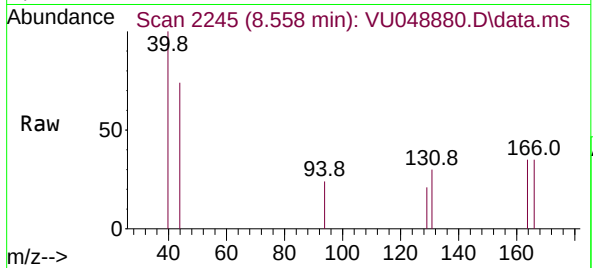




#64
Tetrachloroethene
Concen: Below Cal
RT: 8.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

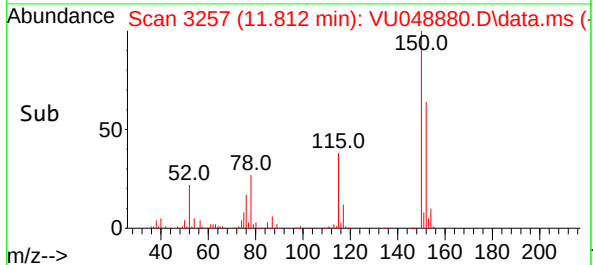
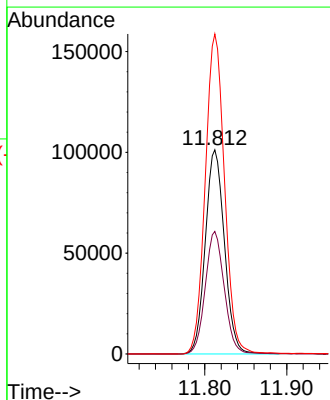
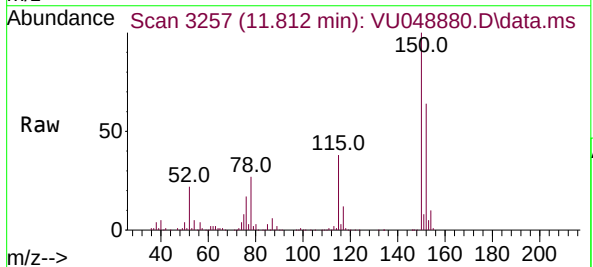
Instrument :
MSVOA_U
ClientSampleId :
59BR-20220531

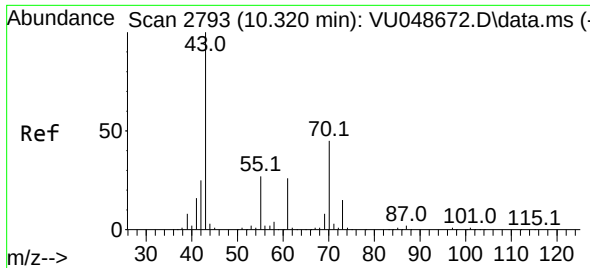
Tgt Ion:164 Resp: 221
Ion Ratio Lower Upper
164 100
166 100.0 105.0 157.4#
129 59.1 76.5 114.7#
131 86.1 73.8 110.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion:152 Resp: 164615
Ion Ratio Lower Upper
152 100
115 59.7 41.8 125.4
150 157.0 0.0 341.0

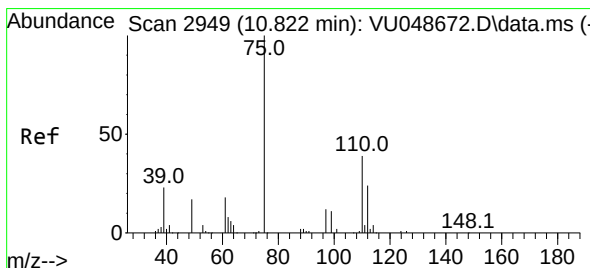
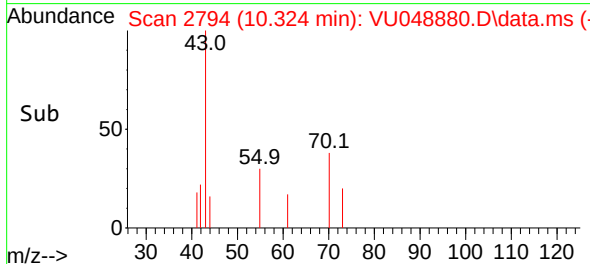
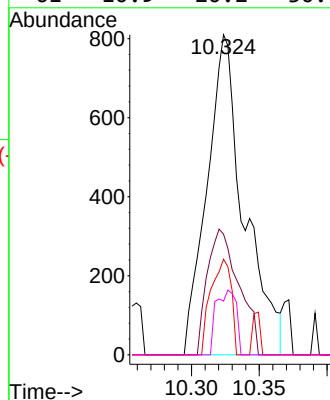
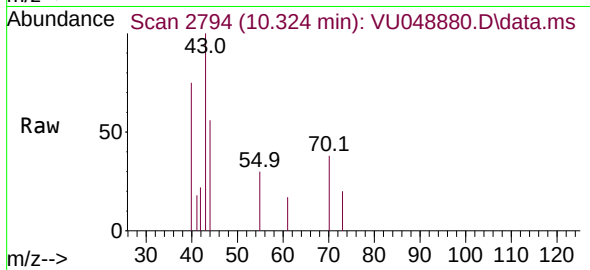




#74
N-amy1 acetate
Concen: 2.738 ug/l
RT: 10.324 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

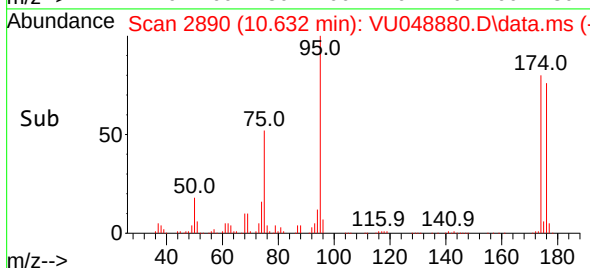
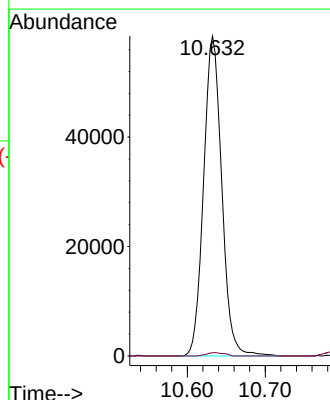
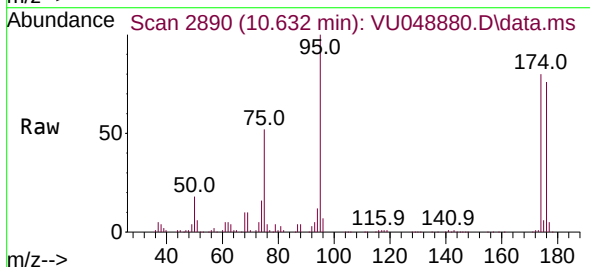
Instrument :
MSVOA_U
ClientSampleId :
59BR-20220531

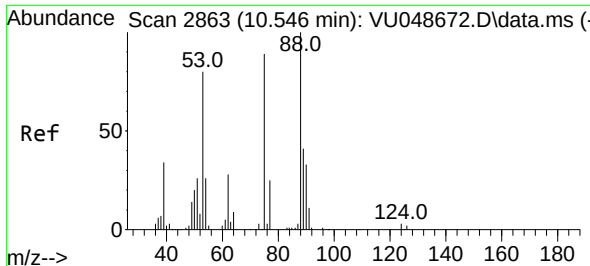
Tgt Ion: 43	Resp: 1537
Ion Ratio	Lower Upper
43 100	
70 33.4	35.8 53.6#
55 16.5	21.1 31.7#
61 10.9	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 17.809 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion: 75	Resp:	94521	
Ion Ratio	Lower	Upper	
75 100			
77 1.0	14.8	44.3#	

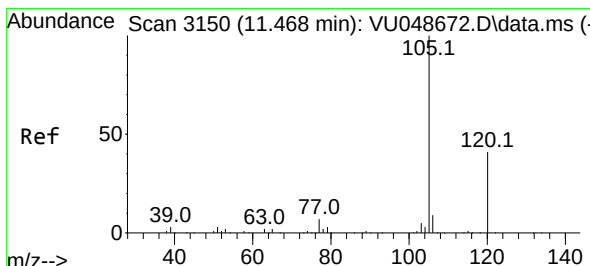
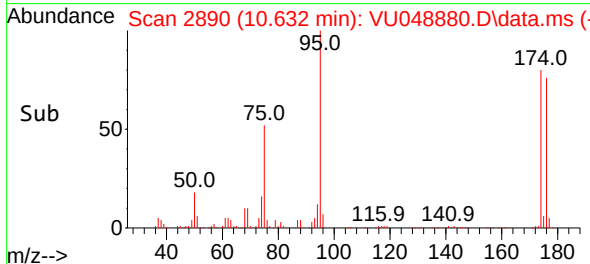
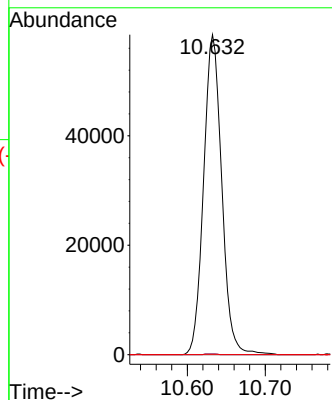
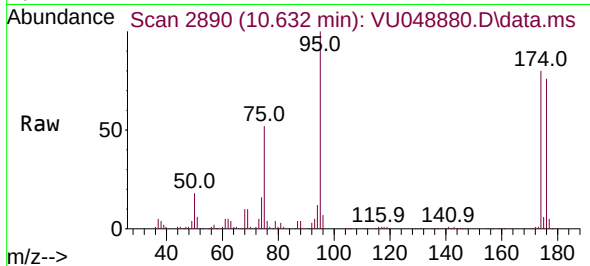




#81
trans-1,4-Dichloro-2-butene
Concen: 64.661 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

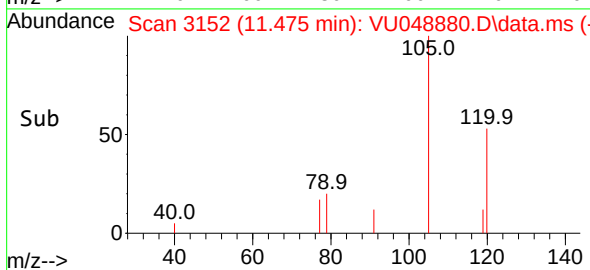
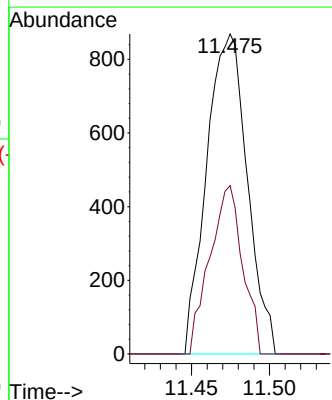
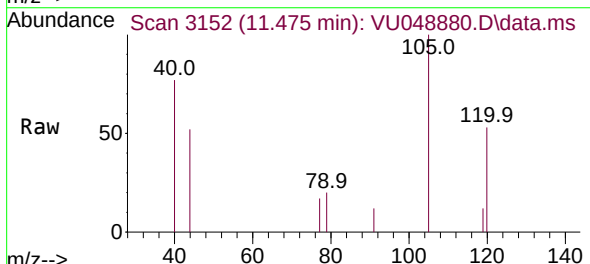
Instrument :
MSVOA_U
ClientSampleId :
59BR-20220531

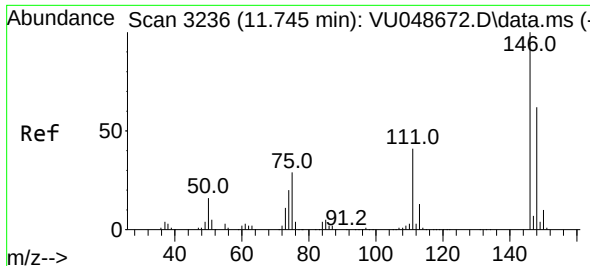
Tgt Ion: 75 Resp: 94521
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.341 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.007 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

Tgt Ion: 105 Resp: 1574
Ion Ratio Lower Upper
105 100
120 42.6 22.5 67.5





#87

1,3-Dichlorobenzene

Concen: 0.266 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

59BR-20220531

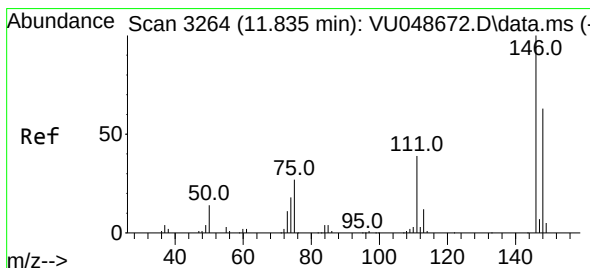
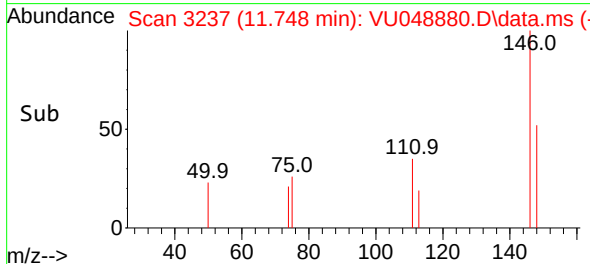
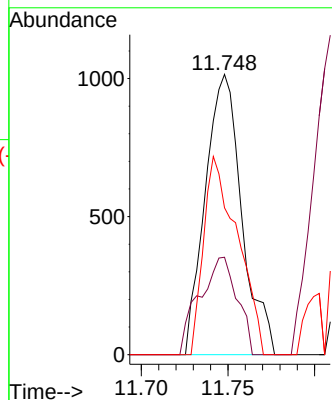
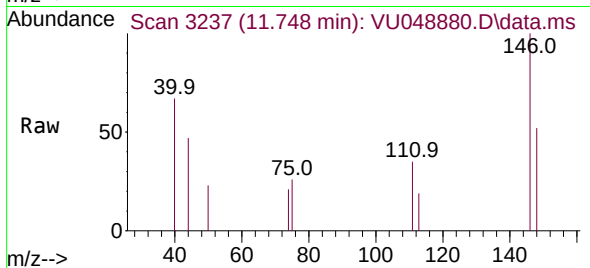
Tgt Ion:146 Resp: 1489

Ion Ratio Lower Upper

146 100

111 35.9 20.6 61.9

148 65.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.258 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.087 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

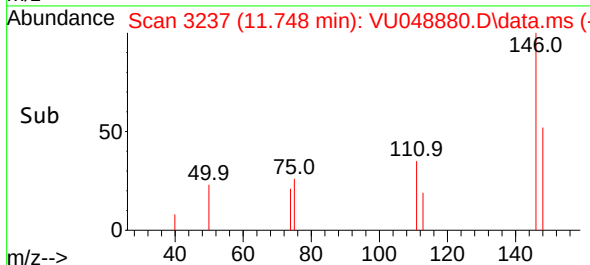
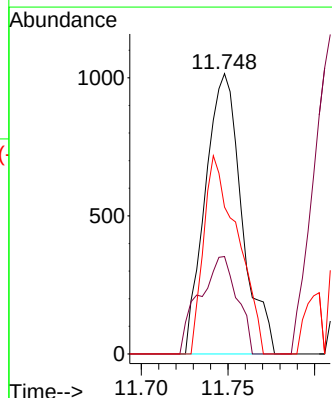
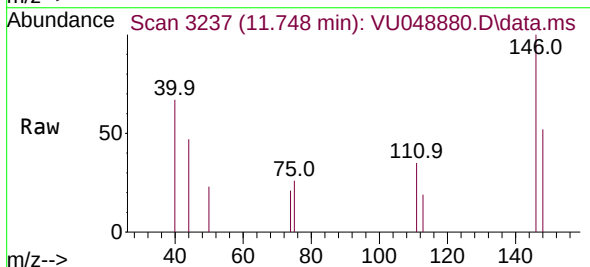
Tgt Ion:146 Resp: 1489

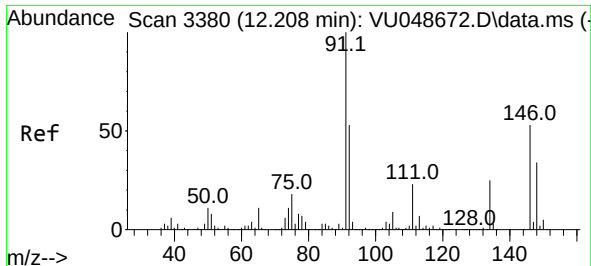
Ion Ratio Lower Upper

146 100

111 35.9 20.2 60.6

148 65.5 32.4 97.0





#89

n-Butylbenzene

Concen: 2.674 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

59BR-20220531

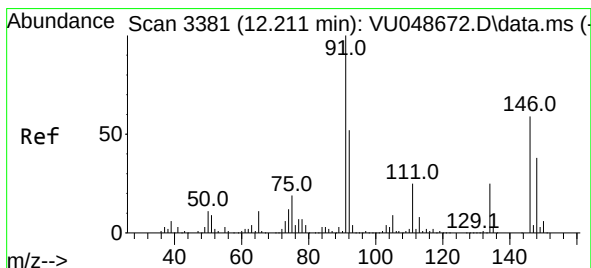
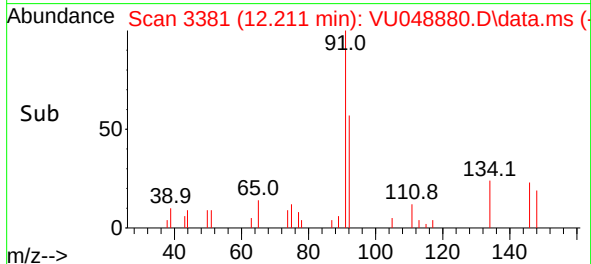
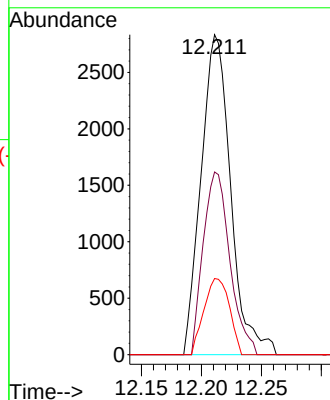
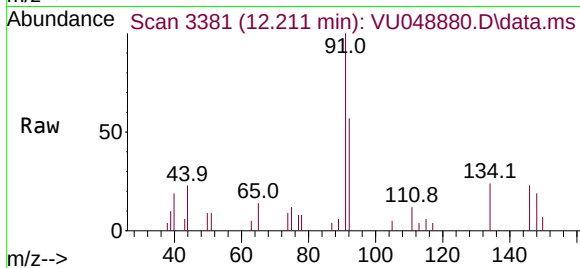
Tgt Ion: 91 Resp: 4871

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.8

134 20.4 12.5 37.5



#91

1,2-Dichlorobenzene

Concen: 0.234 ug/l

RT: 12.217 min Scan# 3383

Delta R.T. 0.006 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

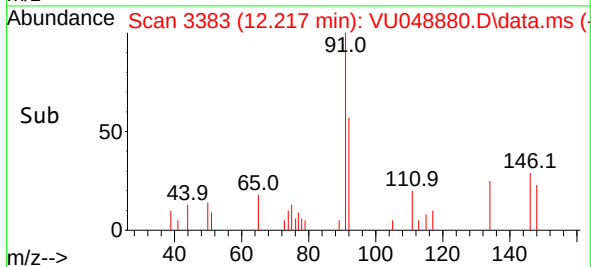
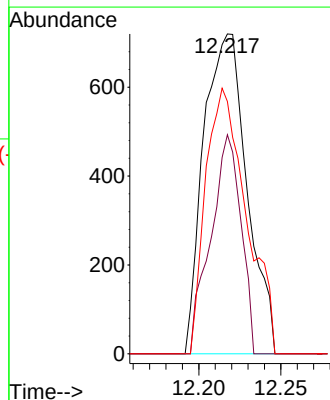
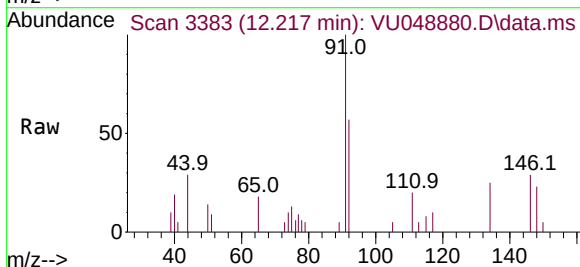
Tgt Ion:146 Resp: 1321

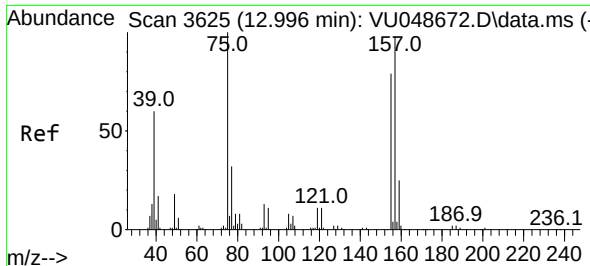
Ion Ratio Lower Upper

146 100

111 47.8 21.4 64.3

148 77.8 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.292 ug/l

RT: 12.999 min Scan# 30

Delta R.T. 0.003 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

59BR-20220531

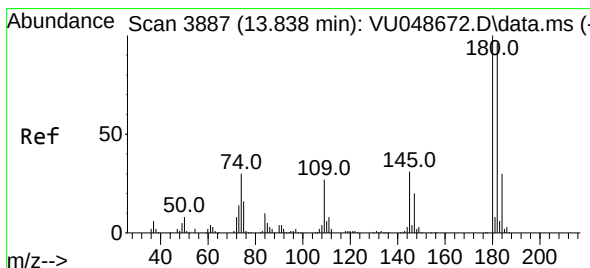
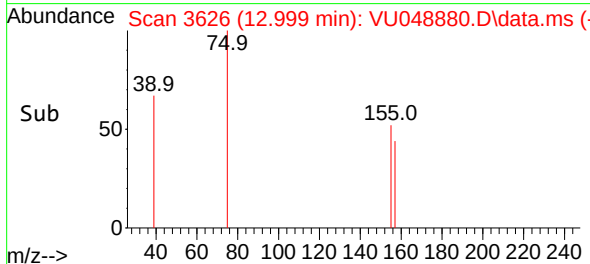
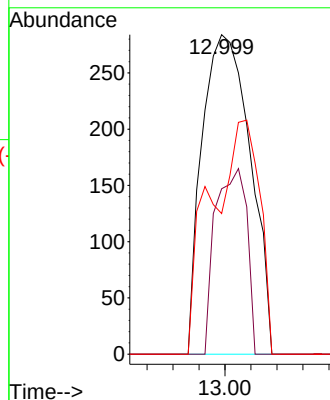
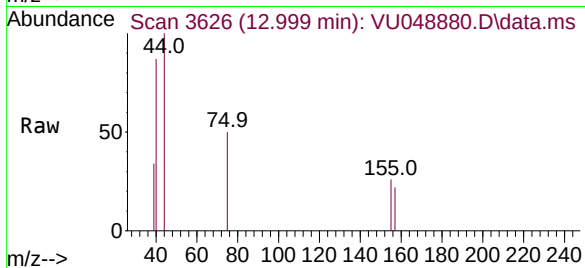
Tgt Ion: 75 Resp: 365

Ion Ratio Lower Upper

75 100

155 38.1 40.3 120.8#

157 45.8 50.0 150.0#



#93

1,2,4-Trichlorobenzene

Concen: 0.955 ug/l

RT: 13.848 min Scan# 3890

Delta R.T. 0.010 min

Lab File: VU048880.D

Acq: 06 Jun 2022 14:20

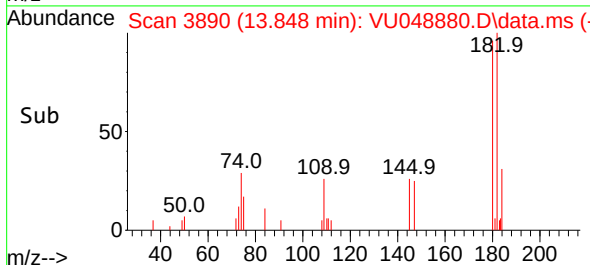
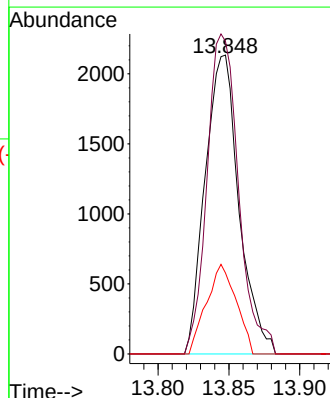
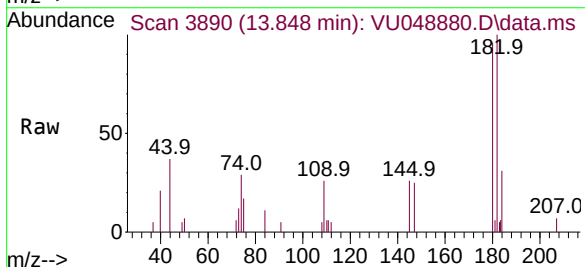
Tgt Ion: 180 Resp: 3542

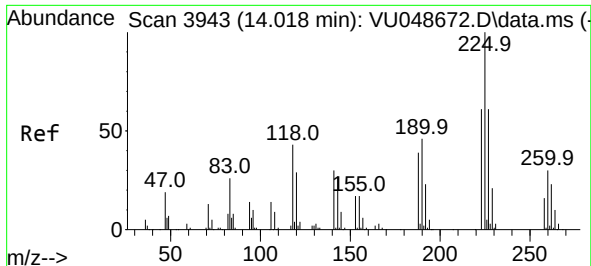
Ion Ratio Lower Upper

180 100

182 99.8 48.3 144.9

145 26.3 15.6 46.7

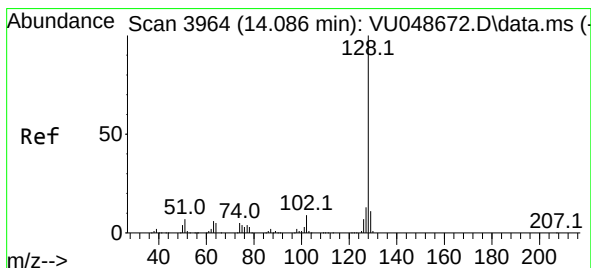
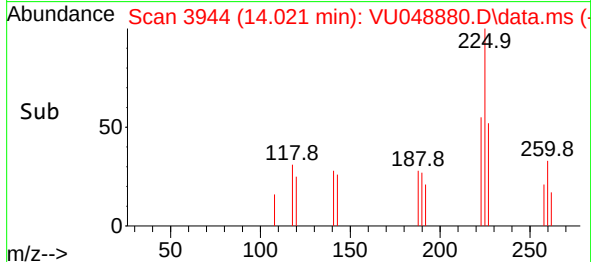
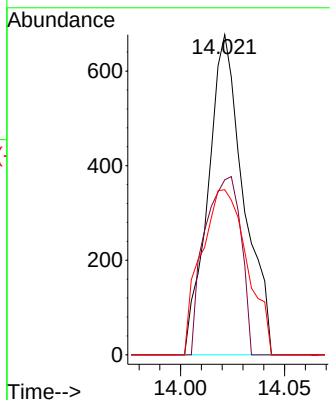
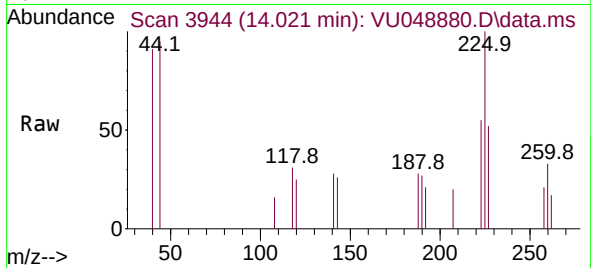




#94
Hexachlorobutadiene
Concen: 0.453 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

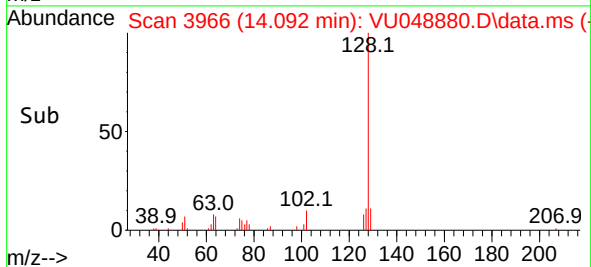
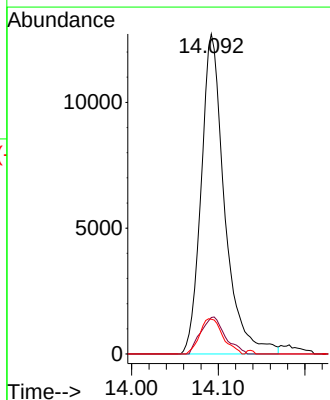
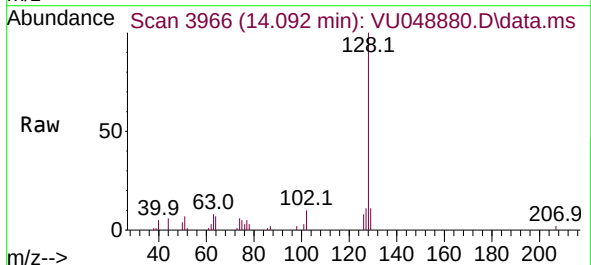
Instrument :
MSVOA_U
ClientSampleId :
59BR-20220531

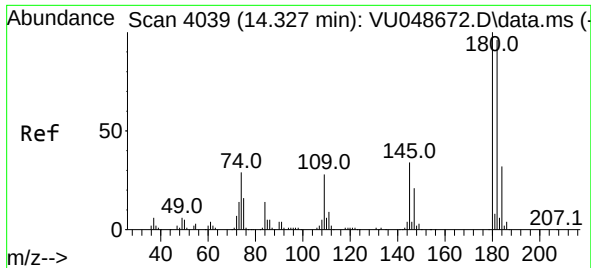
Tgt Ion:225 Resp: 806
Ion Ratio Lower Upper
225 100
223 56.6 30.9 92.8
227 66.6 31.1 93.5



#95
Naphthalene
Concen: 4.282 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU048880.D
Acq: 06 Jun 2022 14:20

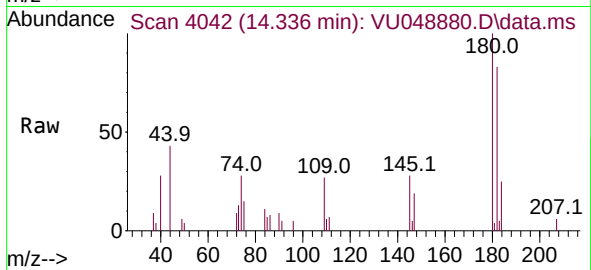
Tgt Ion:128 Resp: 23882
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.4
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.187 ug/l
 RT: 14.336 min Scan# 4039
 Delta R.T. 0.010 min
 Lab File: VU048880.D
 Acq: 06 Jun 2022 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 59BR-20220531



Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.6	47.4	142.2
145	30.3	16.6	49.8

