

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048742.D
 Acq On : 31 May 2022 16:43
 Operator : SY/MD
 Sample : N3033-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-5

Quant Time: Jun 01 02:18:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	138777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	252477	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	243301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	126163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	182124	87.385	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 174.760%#	
35) Dibromofluoromethane	5.292	113	141092	78.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 156.660%#	
50) Toluene-d8	7.899	98	506672	78.472	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 156.940%#	
62) 4-Bromofluorobenzene	10.632	95	189575	77.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 155.260%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	877	0.429	ug/l	97
5) Bromomethane	1.822	94	40	Below Cal	#	3
6) Chloroethane	1.989	64	2033	Below Cal	#	49
8) Diethyl Ether	2.372	74	227	0.227	ug/l	66
11) Tert butyl alcohol	3.173	59	232149	439.348	ug/l	# 42
13) Acrolein	2.462	56	595	Below Cal	#	1
14) Allyl chloride	3.041	41	15359	5.614	ug/l	# 63
15) Acrylonitrile	3.359	53	928	0.810	ug/l	# 33
16) Acetone	2.626	43	13895	13.082	ug/l	94
17) Carbon Disulfide	2.793	76	1502	0.364	ug/l	# 75
18) Methyl Acetate	3.041	43	35806	13.427	ug/l	# 51
19) Methyl tert-butyl Ether	3.366	73	118492	22.109	ug/l	92
20) Methylene Chloride	3.038	84	903	0.500	ug/l	# 33
22) Diisopropyl ether	3.996	45	10700	2.120	ug/l	# 75
23) Vinyl Acetate	3.996	43	5505	1.259	ug/l	# 72
25) 2-Butanone	4.716	43	4952	3.245	ug/l	94
29) Tetrahydrofuran	5.070	42	1021	1.062	ug/l	# 88
30) Chloroform	5.121	83	910	0.287	ug/l	# 54
31) Cyclohexane	5.372	56	3688	1.404	ug/l	# 1
36) 1,1-Dichloropropene	5.375	75	11373	4.326	ug/l	# 46
38) Carbon Tetrachloride	5.375	117	14512	4.812	ug/l	# 17
39) Methylcyclohexane	6.738	83	1533	0.556	ug/l	# 35
40) Benzene	5.774	78	284313	36.633	ug/l	100
42) 1,2-Dichloroethane	5.777	62	2595	0.854	ug/l	91
43) Isopropyl Acetate	5.822	43	449789	93.248	ug/l	# 61
48) Methyl methacrylate	6.931	41	1164	0.538	ug/l	# 38
51) 4-Methyl-2-Pentanone	7.687	43	84815	27.080	ug/l	# 57
52) Toluene	7.973	92	2051	0.442	ug/l	87
53) t-1,3-Dichloropropene	8.041	75	1540	0.484	ug/l	# 66
55) 1,1,2-Trichloroethane	8.372	97	4419	2.157	ug/l	# 19
56) Ethyl methacrylate	8.362	69	1646	3.095	ug/l	# 26
58) 2-Chloroethyl Vinyl ether	7.465	63	123	29.906	ug/l	# 47
59) 2-Hexanone	8.491	43	13366	5.198	ug/l	78
67) Ethyl Benzene	9.571	91	9221	1.062	ug/l	92
68) m/p-Xylenes	9.697	106	3636	1.071	ug/l	95
69) o-Xylene	10.108	106	1134	0.340	ug/l	88

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

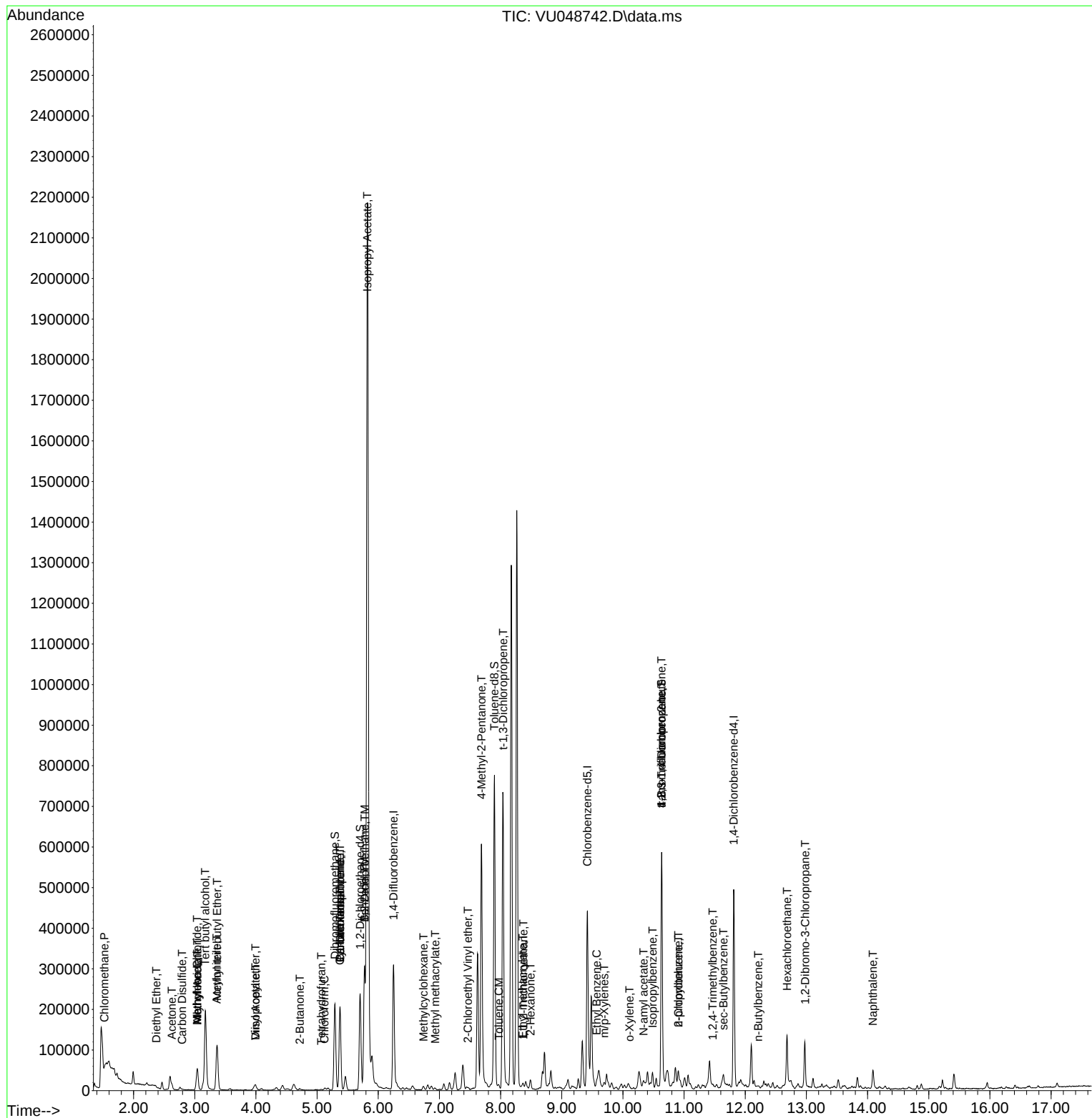
73) Isopropylbenzene	10.484	105	12386	1.521	ug/l	100
74) N-amyl acetate	10.336	43	3006	3.160	ug/l #	29
76) 1,2,3-Trichloropropane	10.632	75	99518	24.465	ug/l #	48
78) n-propylbenzene	10.909	91	11236	1.158	ug/l	100
79) 2-Chlorotoluene	10.909	91	11236	1.862	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.632	75	99518	88.829	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.468	105	3622	1.650	ug/l	90
85) sec-Butylbenzene	11.645	105	7676	0.903	ug/l #	58
89) n-Butylbenzene	12.211	91	2100	2.460	ug/l #	62
90) Hexachloroethane	12.684	117	70846	47.530	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.979	75	433	0.452	ug/l #	4
95) Naphthalene	14.089	128	39149	6.275	ug/l	99

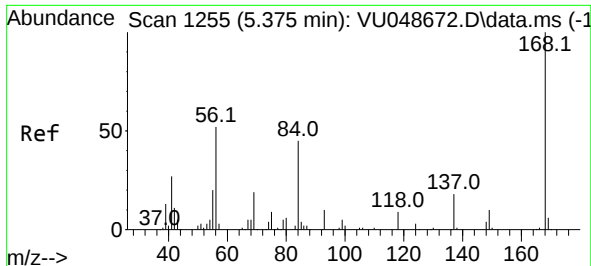
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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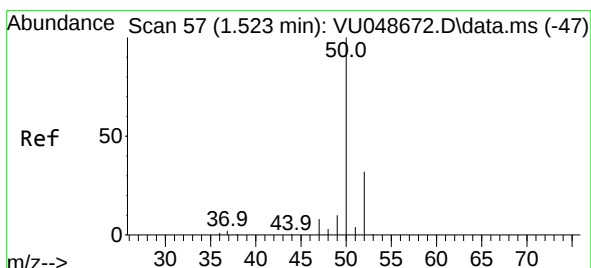
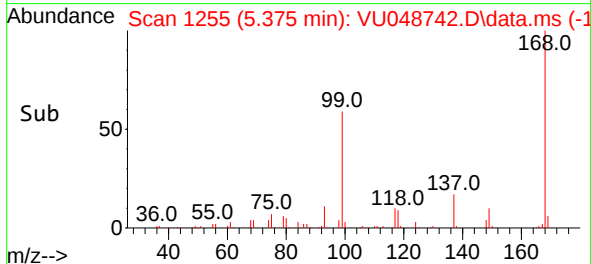
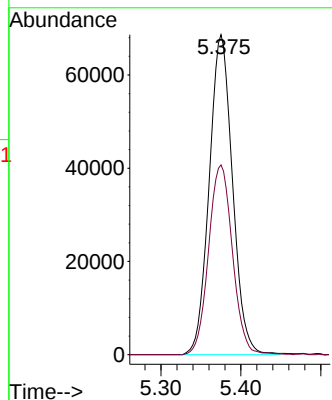
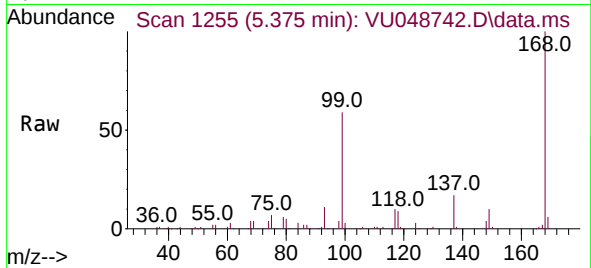




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

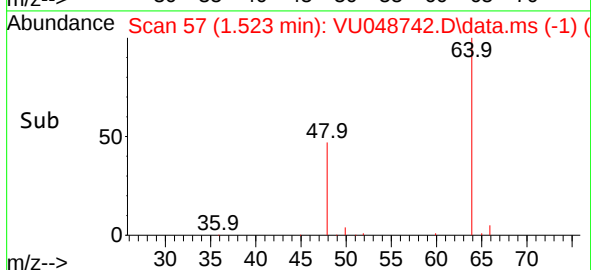
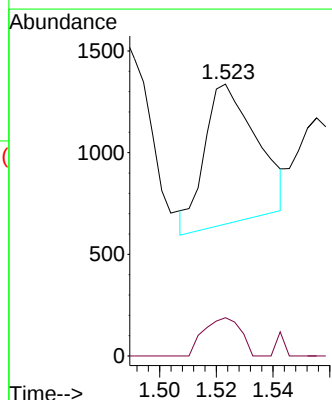
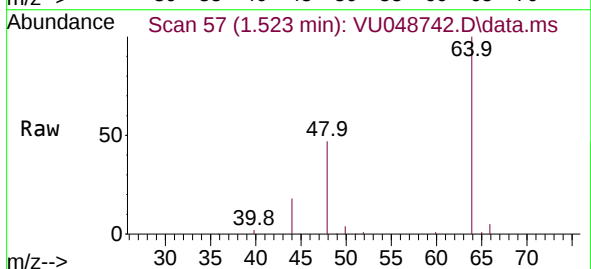
Instrument :
MSVOA_U
ClientSampleId :
TW-5

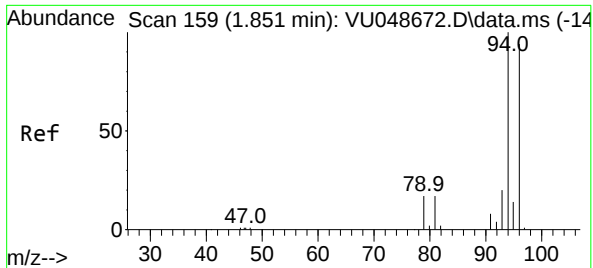
Tgt Ion:168 Resp: 138777
Ion Ratio Lower Upper
168 100
99 59.3 49.3 73.9



#3
Chloromethane
Concen: 0.429 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 50 Resp: 877
Ion Ratio Lower Upper
50 100
52 30.2 25.7 38.5

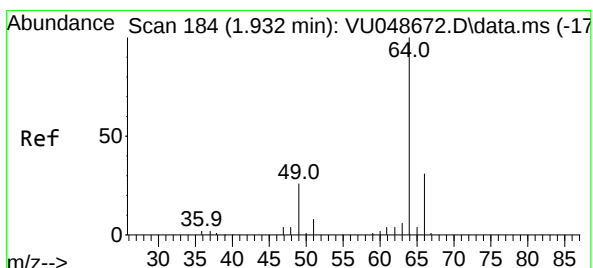
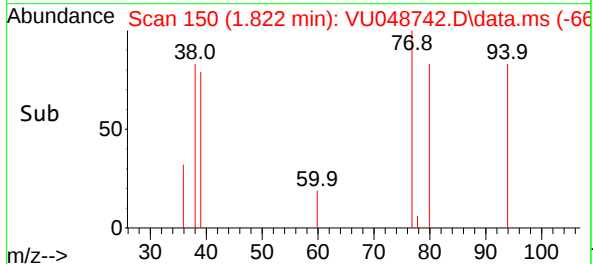
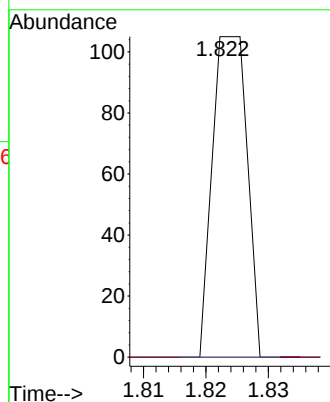
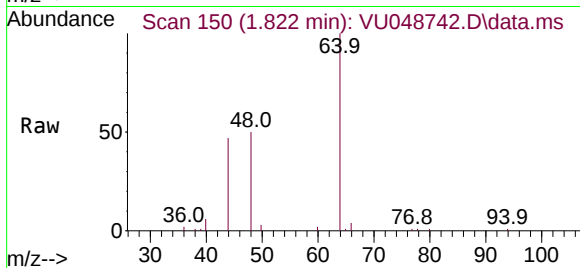




#5
Bromomethane
Concen: Below Cal
RT: 1.822 min Scan# 11
Delta R.T. -0.029 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

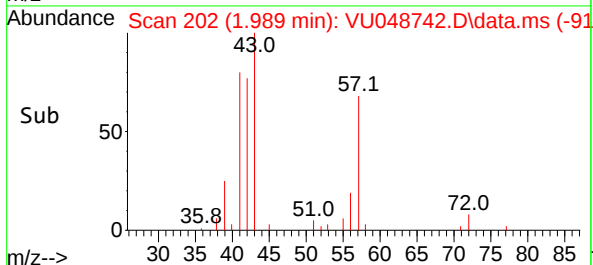
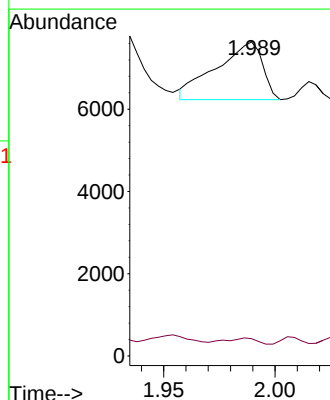
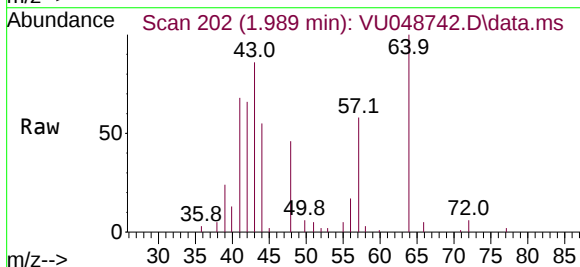
Instrument :
MSVOA_U
ClientSampleId :
TW-5

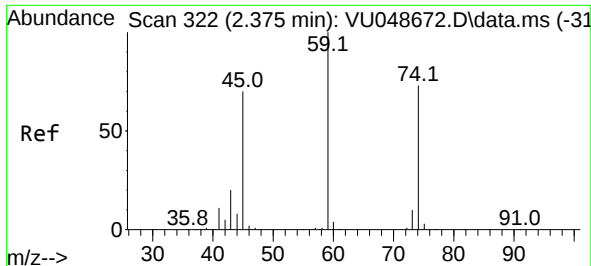
Tgt Ion: 94 Resp: 40
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.989 min Scan# 202
Delta R.T. 0.057 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 64 Resp: 2033
Ion Ratio Lower Upper
64 100
66 3.4 25.2 37.8#





#8

Diethyl Ether

Concen: 0.227 ug/l

RT: 2.372 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

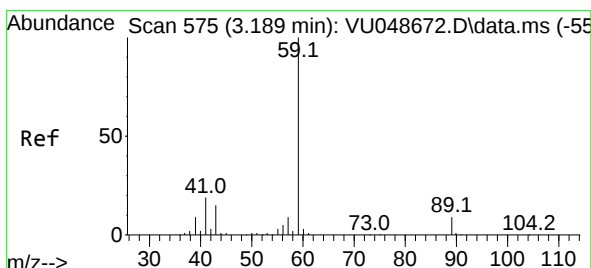
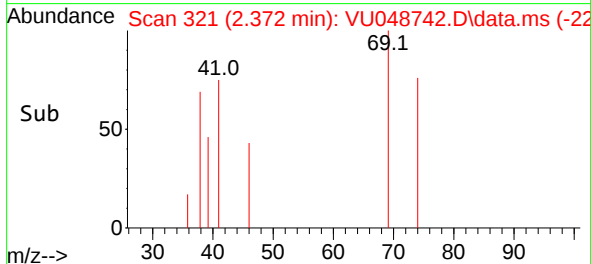
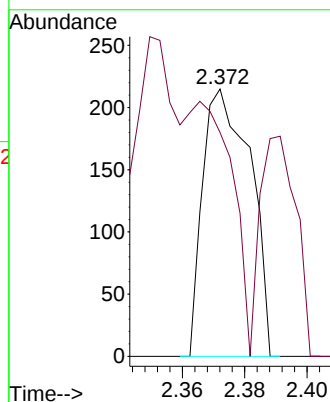
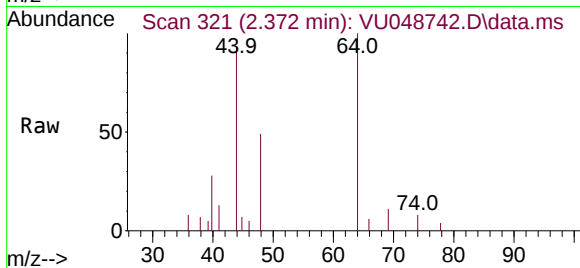
TW-5

Tgt Ion: 74 Resp: 227

Ion Ratio Lower Upper

74 100

45 62.1 47.7 143.1



#11

Tert butyl alcohol

Concen: 439.348 ug/l

RT: 3.173 min Scan# 570

Delta R.T. -0.016 min

Lab File: VU048742.D

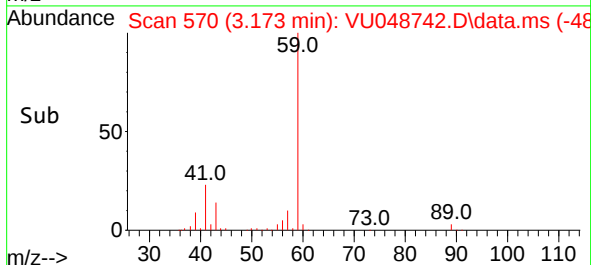
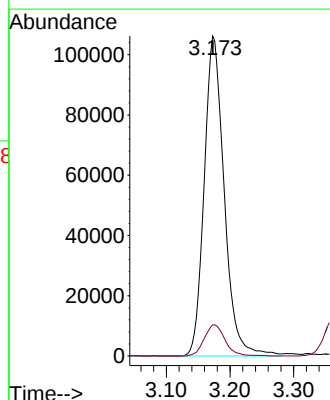
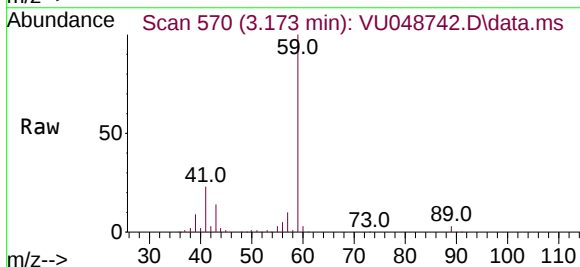
Acq: 31 May 2022 16:43

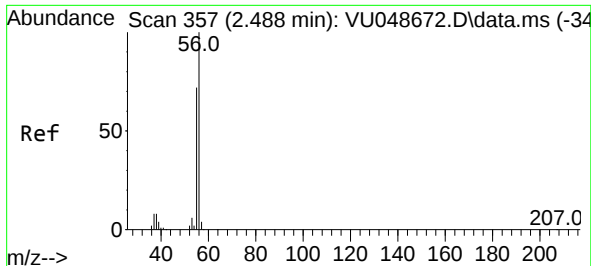
Tgt Ion: 59 Resp: 232149

Ion Ratio Lower Upper

59 100

57 10.1 39.7 59.5#

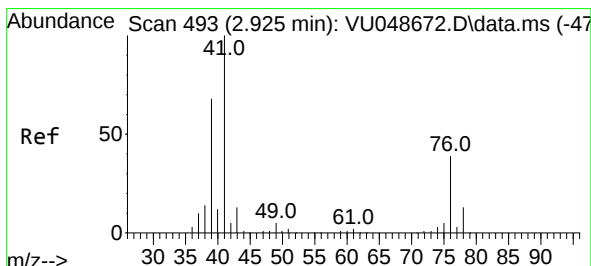
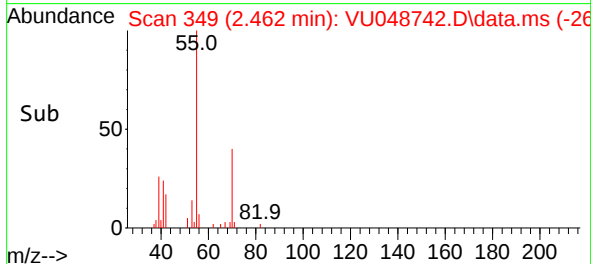
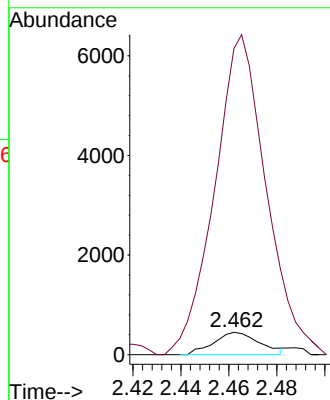
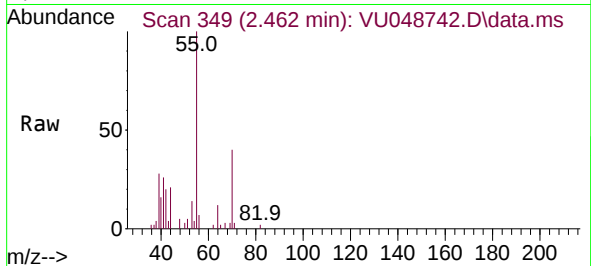




#13
Acrolein
Concen: Below Cal
RT: 2.462 min Scan# 34
Delta R.T. -0.026 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

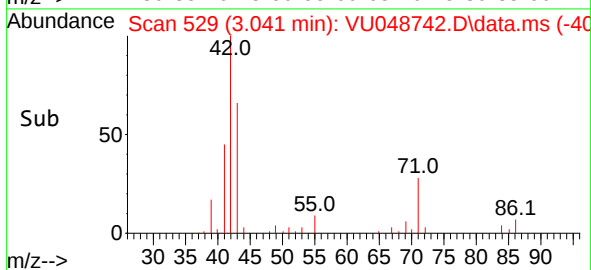
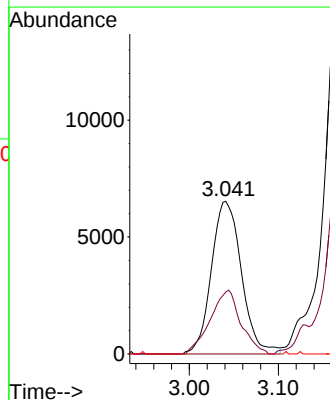
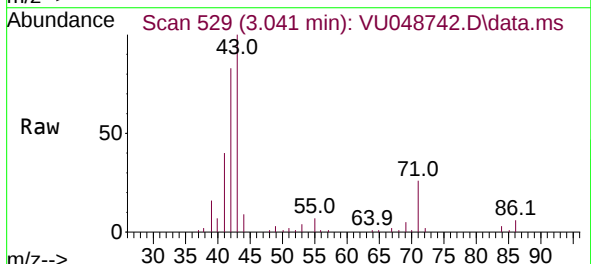
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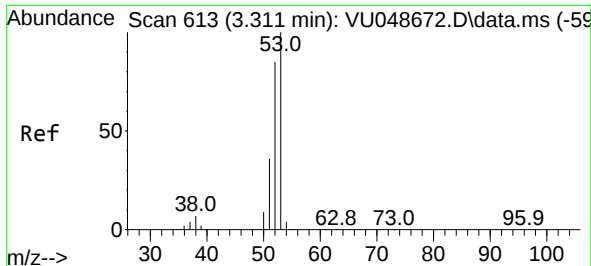
Tgt Ion: 56 Resp: 595
Ion Ratio Lower Upper
56 100
55 1607.2 57.7 86.5#



#14
Allyl chloride
Concen: 5.614 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.116 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 41 Resp: 15359
Ion Ratio Lower Upper
41 100
39 42.4 48.6 72.8#
76 0.0 27.0 40.4#





#15

Acrylonitrile

Concen: 0.810 ug/l

RT: 3.359 min Scan# 61

Delta R.T. 0.048 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

TW-5

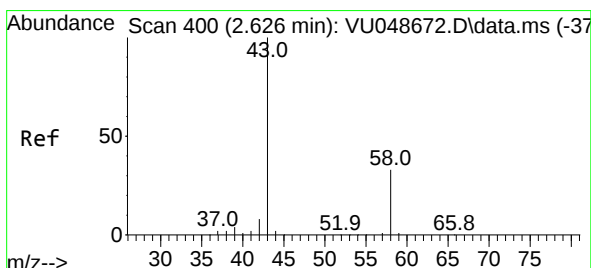
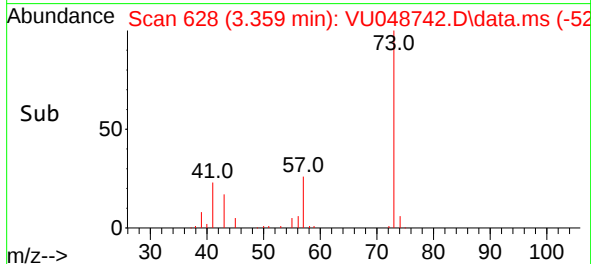
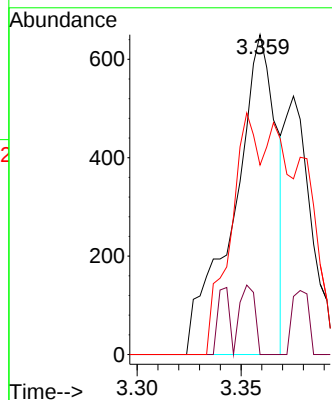
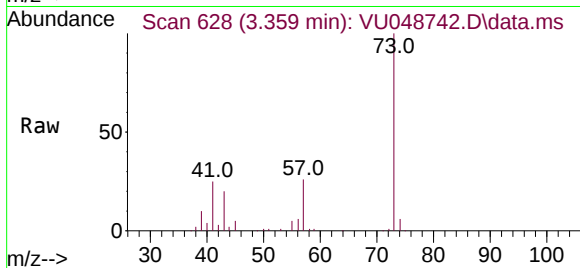
Tgt Ion: 53 Resp: 928

Ion Ratio Lower Upper

53 100

52 7.8 66.3 99.5#

51 51.9 28.6 42.8#



#16

Acetone

Concen: 13.082 ug/l

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU048742.D

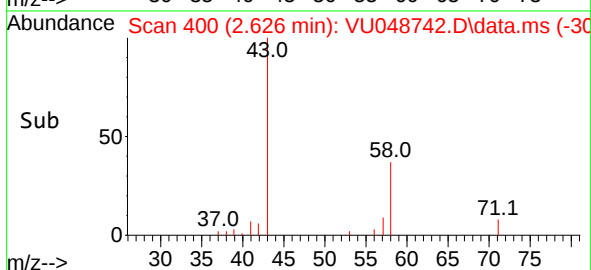
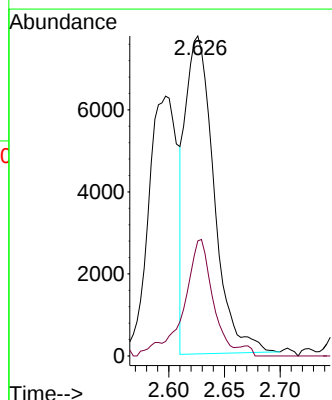
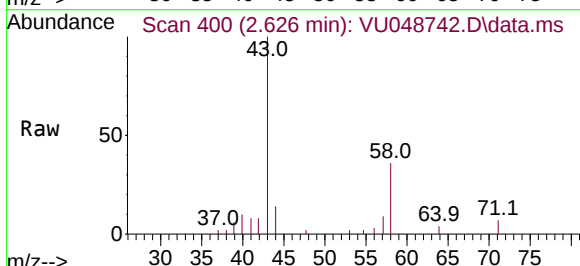
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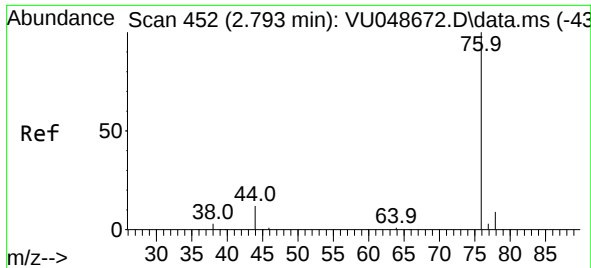
Tgt Ion: 43 Resp: 13895

Ion Ratio Lower Upper

43 100

58 36.4 26.3 39.5

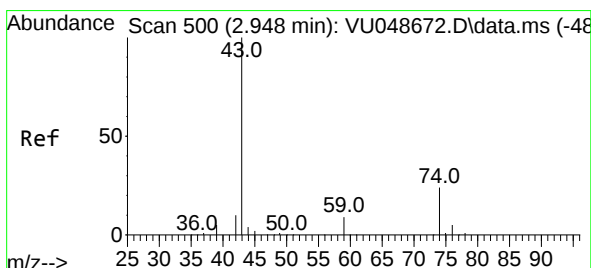
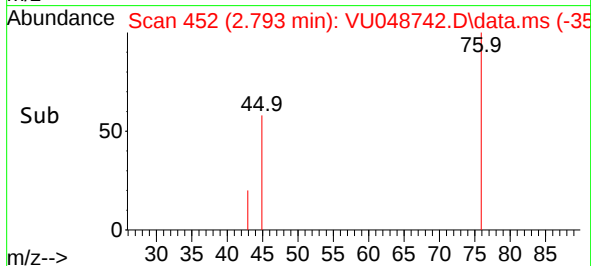
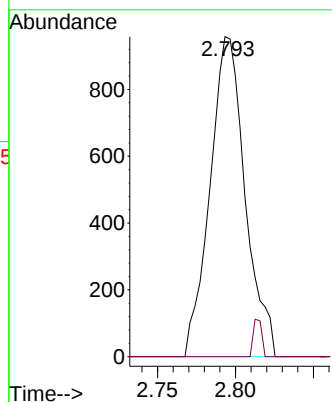
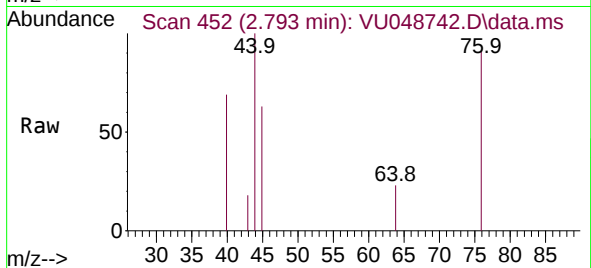




#17
Carbon Disulfide
Concen: 0.364 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

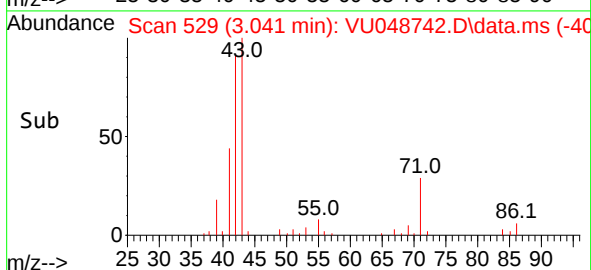
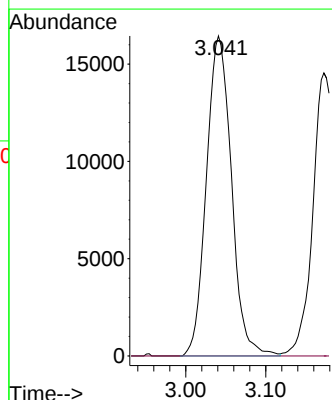
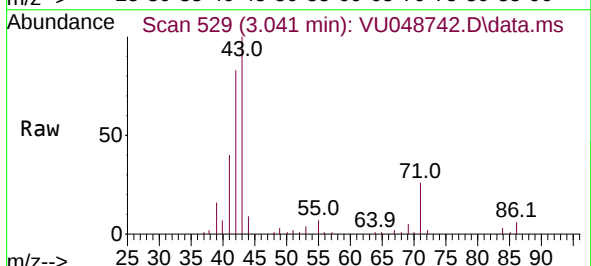
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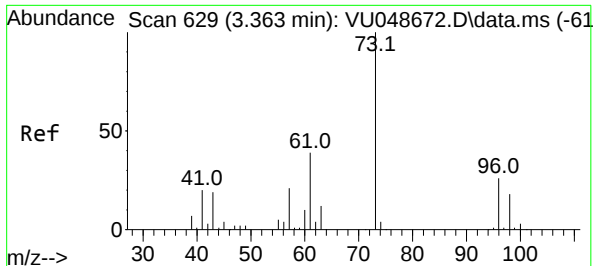
Tgt Ion: 76 Resp: 1502
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 13.427 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.093 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 43 Resp: 35806
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





#19

Methyl tert-butyl Ether

Concen: 22.109 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

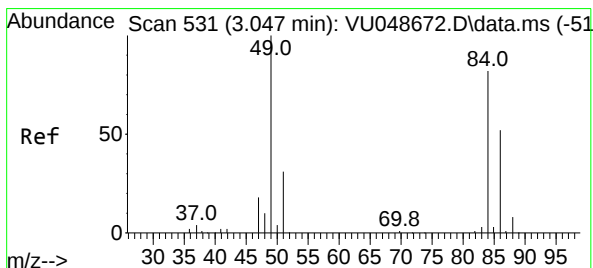
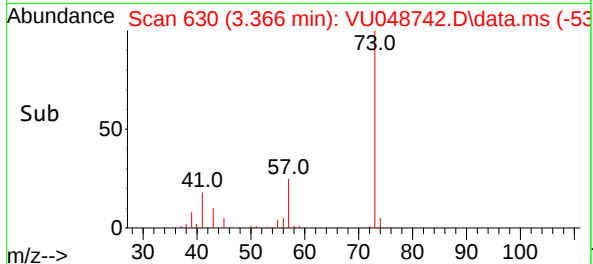
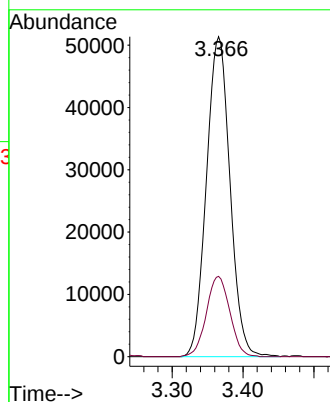
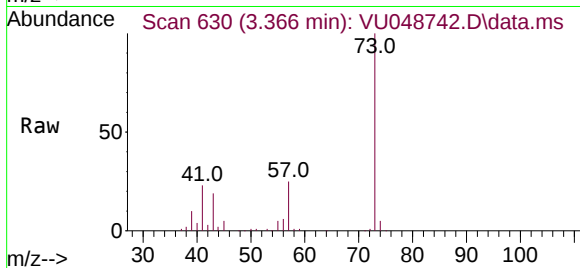
TW-5

Tgt Ion: 73 Resp: 118492

Ion Ratio Lower Upper

73 100

57 25.1 17.1 25.7



#20

Methylene Chloride

Concen: 0.500 ug/l

RT: 3.038 min Scan# 528

Delta R.T. -0.010 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Tgt Ion: 84 Resp: 903

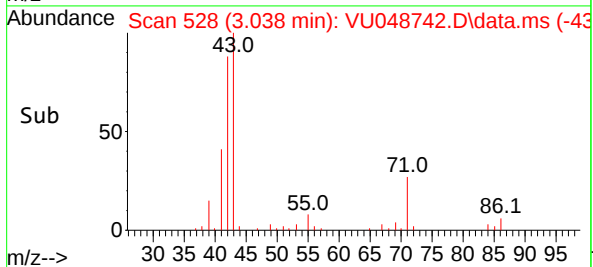
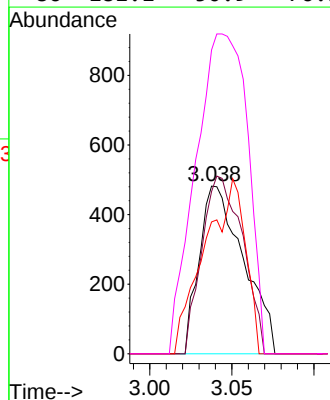
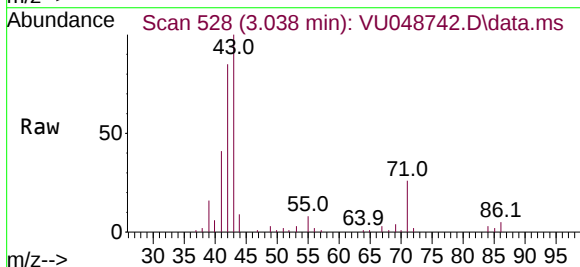
Ion Ratio Lower Upper

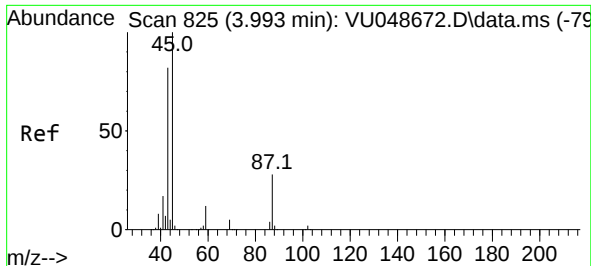
84 100

49 96.7 97.0 145.4#

51 78.6 29.8 44.8#

86 181.1 50.9 76.3#

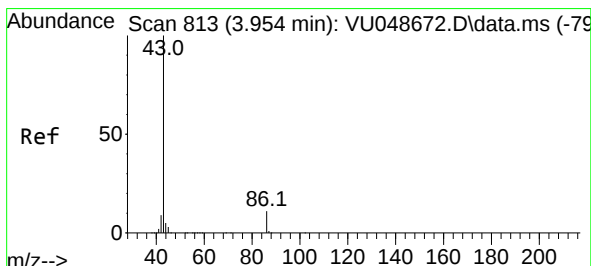
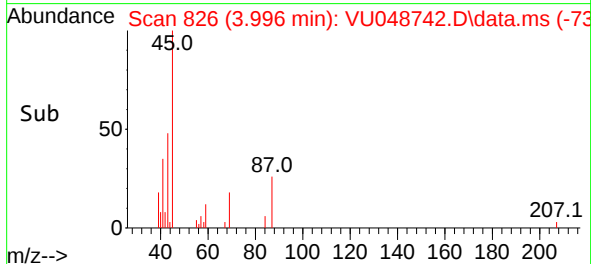
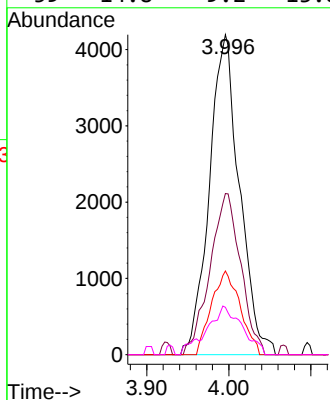
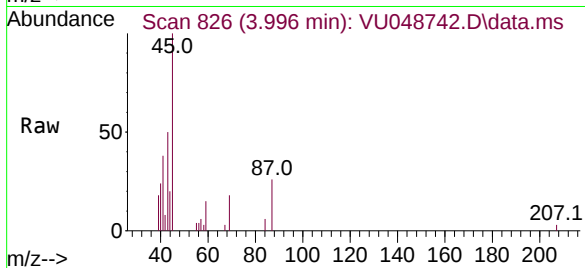




#22
Diisopropyl ether
Concen: 2.120 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.003 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

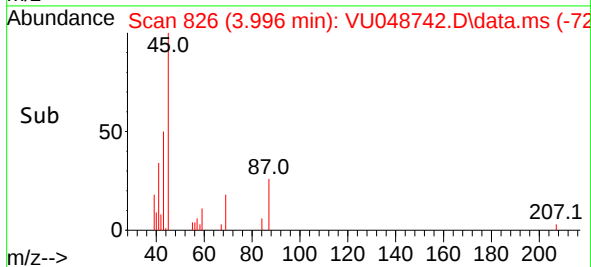
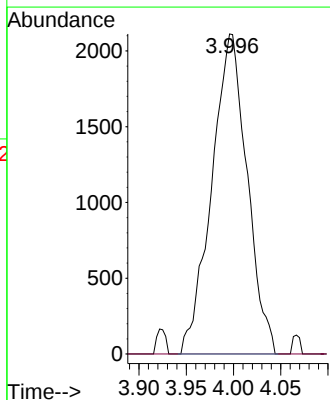
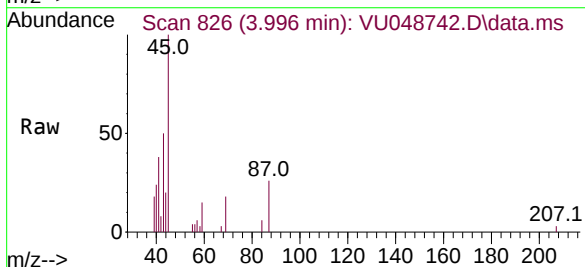
Instrument :
MSVOA_U
ClientSampleId :
TW-5

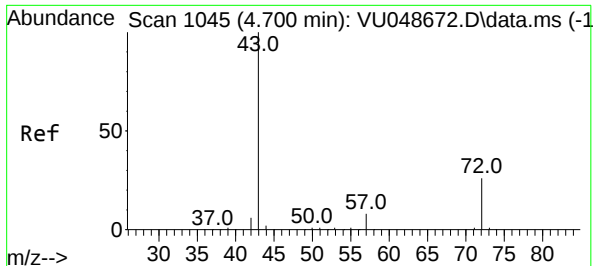
Tgt Ion: 45	Resp: 10700
Ion Ratio	Lower Upper
45 100	
43 50.3	65.2 97.8#
87 26.1	22.7 34.1
59 14.8	9.2 13.8#



#23
Vinyl Acetate
Concen: 1.259 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.042 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 43	Resp: 5505
Ion Ratio	Lower Upper
43 100	
86 0.0	8.4 12.6#





#25

2-Butanone

Concen: 3.245 ug/l

RT: 4.716 min Scan# 110

Delta R.T. 0.016 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

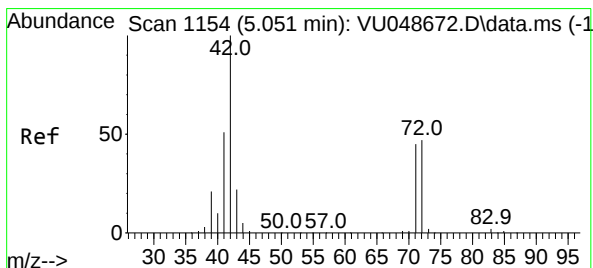
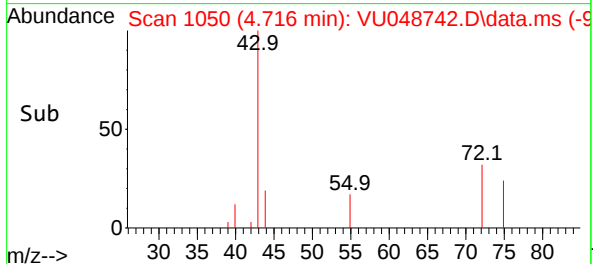
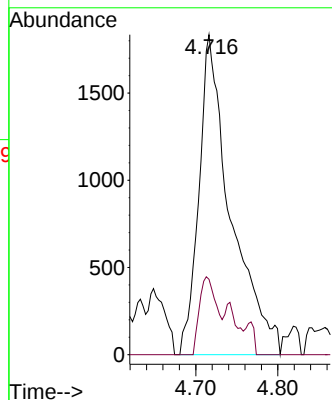
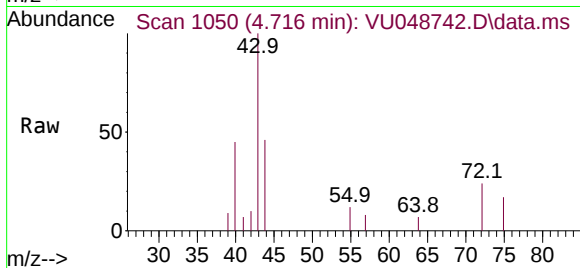
TW-5

Tgt Ion: 43 Resp: 4952

Ion Ratio Lower Upper

43 100

72 23.5 21.1 31.7



#29

Tetrahydrofuran

Concen: 1.062 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.019 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

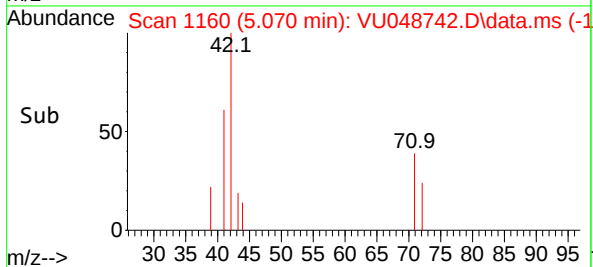
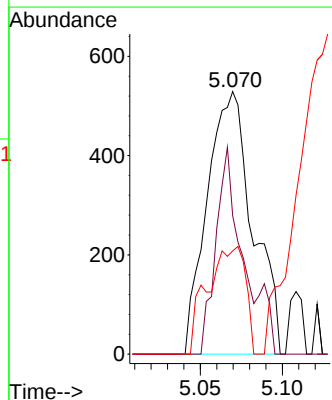
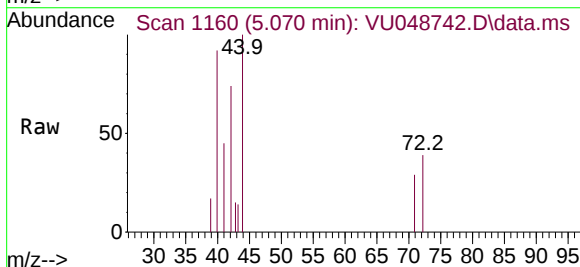
Tgt Ion: 42 Resp: 1021

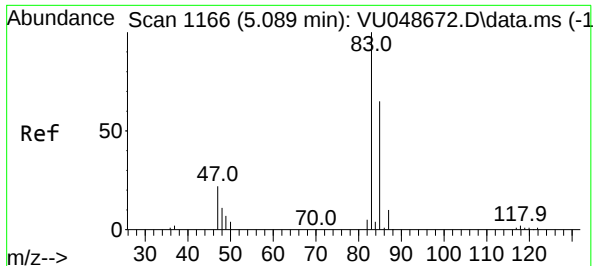
Ion Ratio Lower Upper

42 100

72 41.2 37.6 56.4

71 34.3 35.0 52.4#





#30

Chloroform

Concen: 0.287 ug/l

RT: 5.121 min Scan# 1176

Delta R.T. 0.032 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

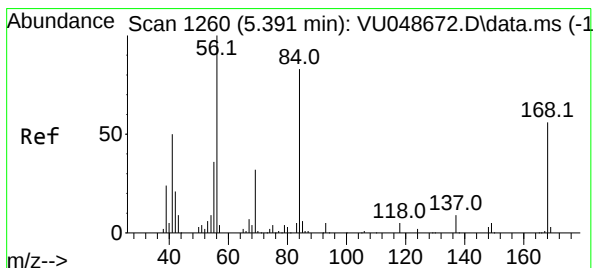
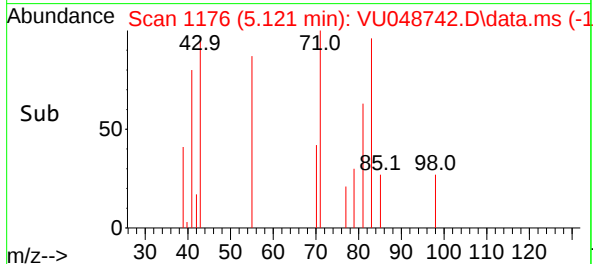
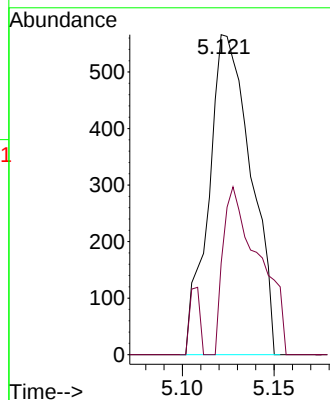
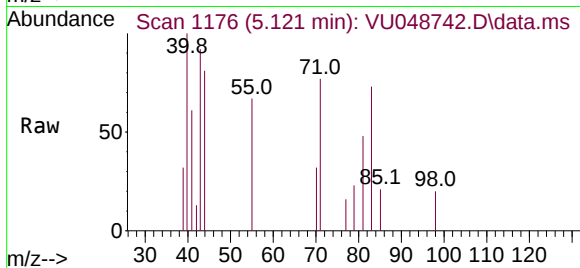
TW-5

Tgt Ion: 83 Resp: 910

Ion Ratio Lower Upper

83 100

85 28.6 52.2 78.2#



#31

Cyclohexane

Concen: 1.404 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

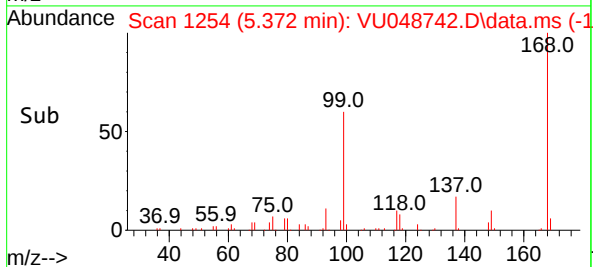
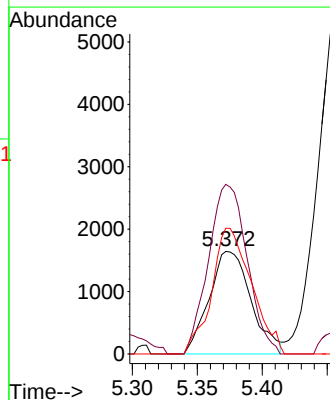
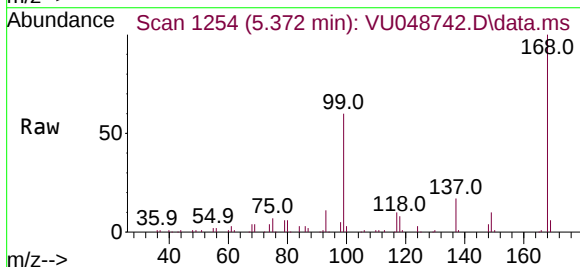
Tgt Ion: 56 Resp: 3688

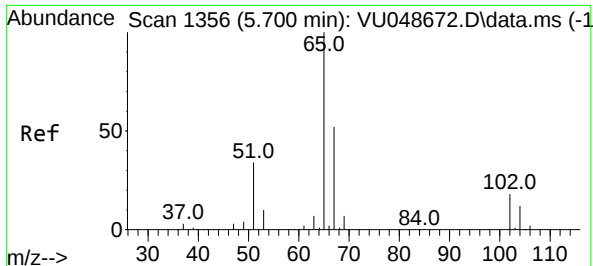
Ion Ratio Lower Upper

56 100

69 165.3 25.6 38.4#

84 122.6 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 87.385 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

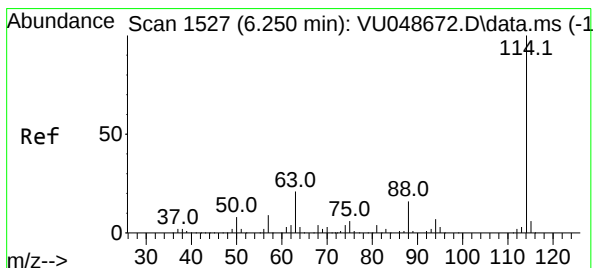
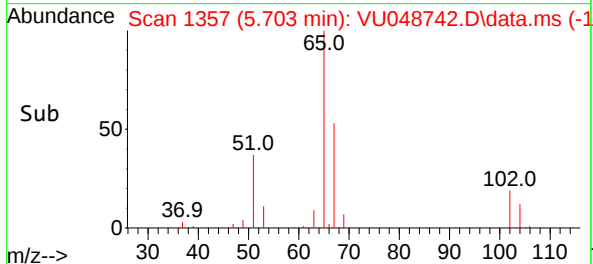
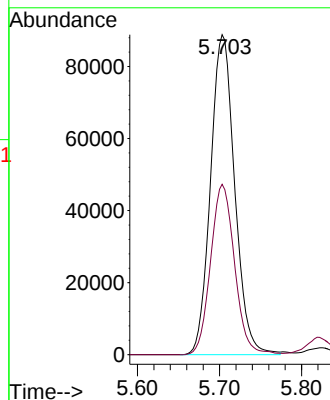
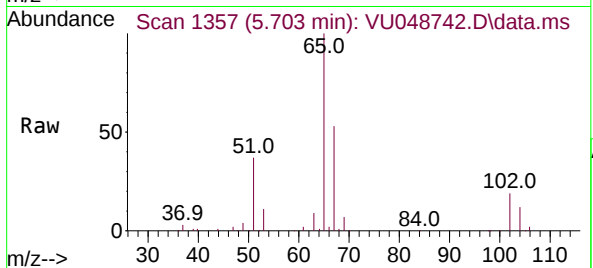
TW-5

Tgt Ion: 65 Resp: 182124

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

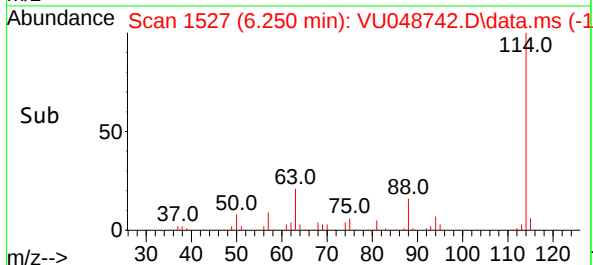
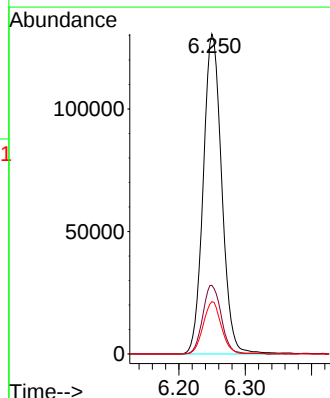
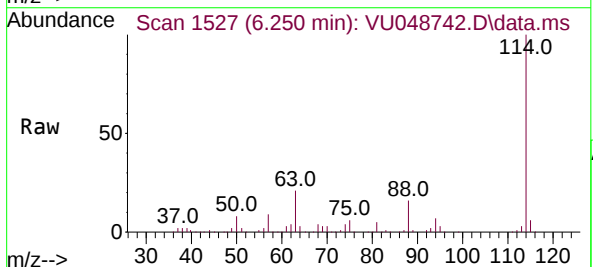
Tgt Ion: 114 Resp: 252477

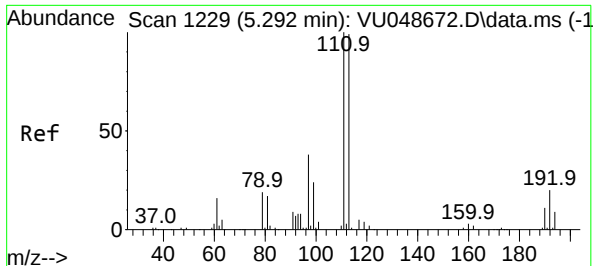
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 78.331 ug/l

RT: 5.292 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

TW-5

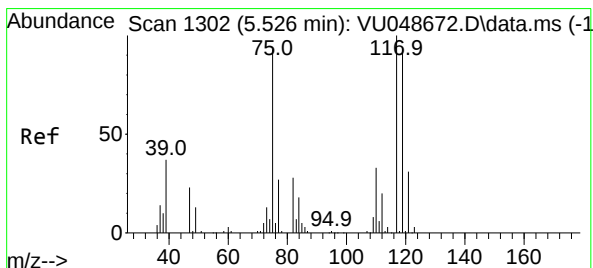
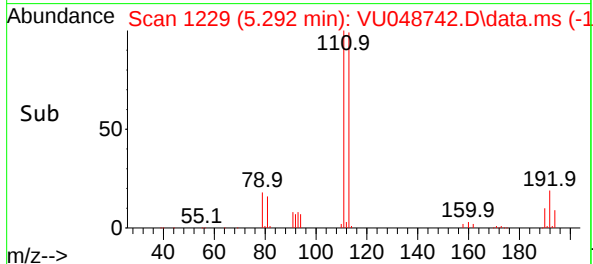
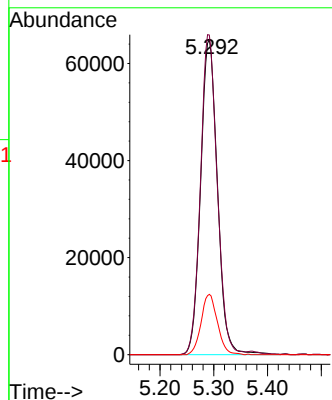
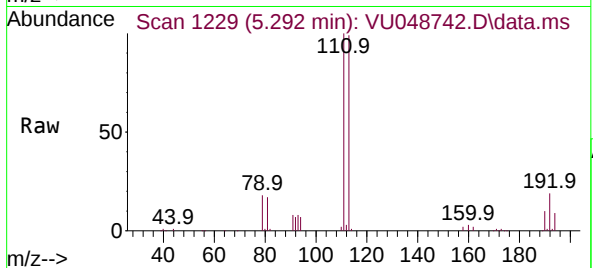
Tgt Ion:113 Resp: 141092

Ion Ratio Lower Upper

113 100

111 101.0 80.7 121.1

192 18.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.326 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

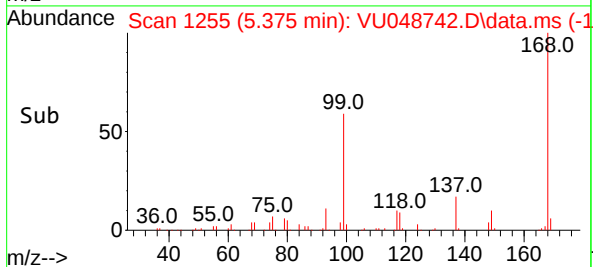
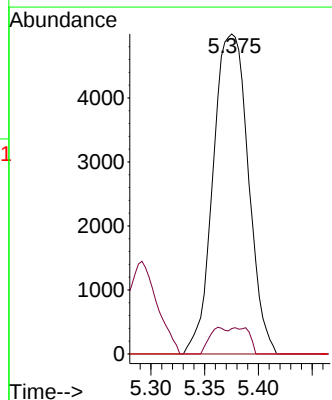
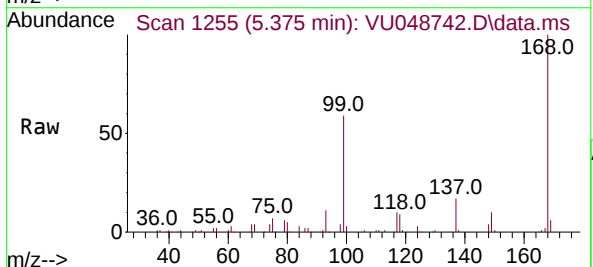
Tgt Ion: 75 Resp: 11373

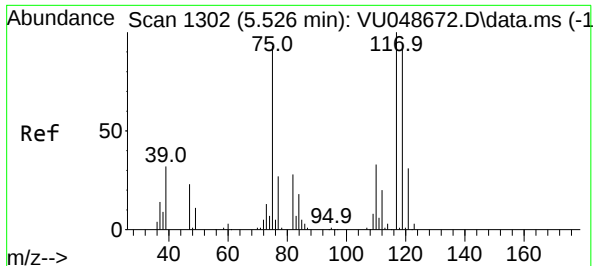
Ion Ratio Lower Upper

75 100

110 4.4 17.4 52.3#

77 0.0 24.8 37.2#

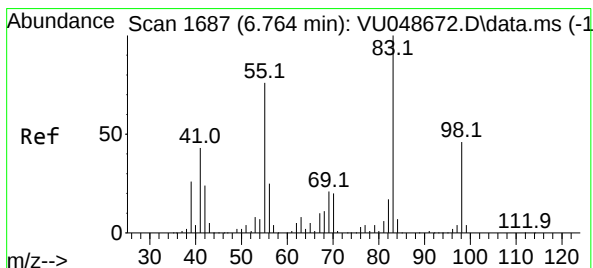
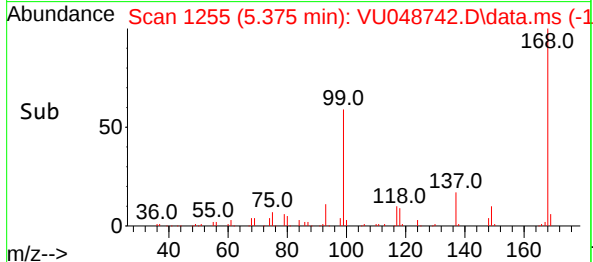
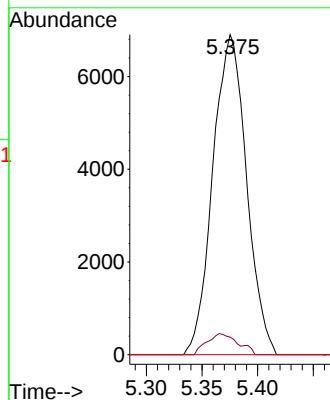
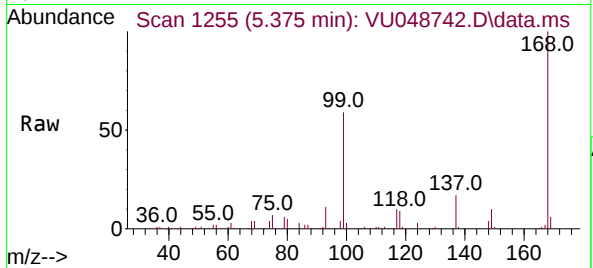




#38
Carbon Tetrachloride
Concen: 4.812 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

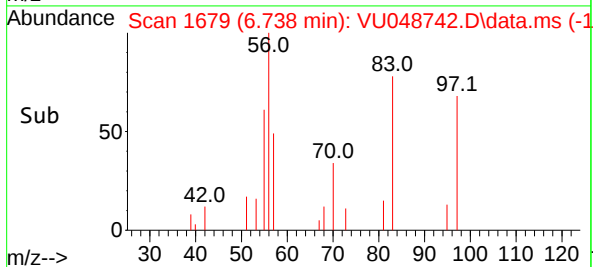
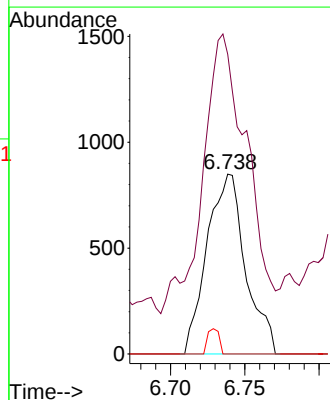
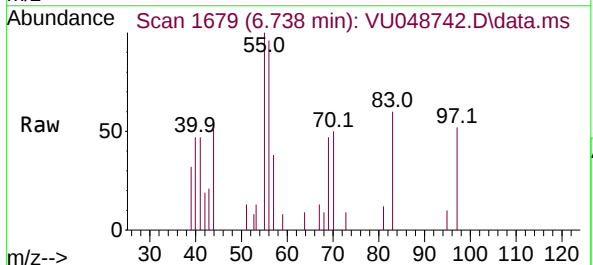
Instrument :
MSVOA_U
ClientSampleId :
TW-5

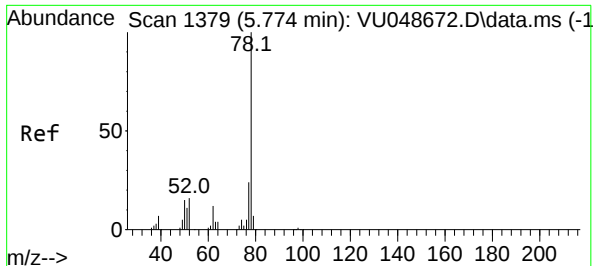
Tgt Ion:117 Resp: 14512
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 0.556 ug/l
RT: 6.738 min Scan# 1679
Delta R.T. -0.026 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 83 Resp: 1533
Ion Ratio Lower Upper
83 100
55 130.4 61.0 91.6#
98 0.0 36.8 55.2#

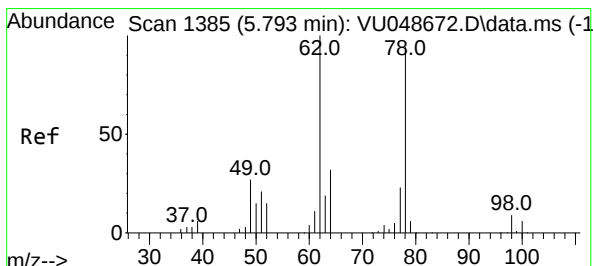
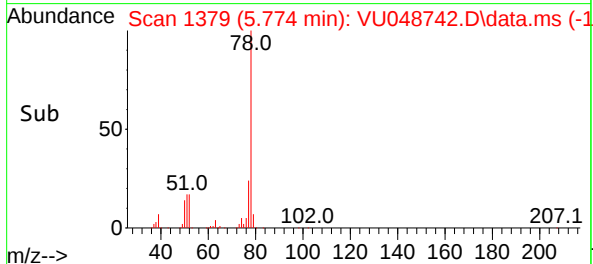
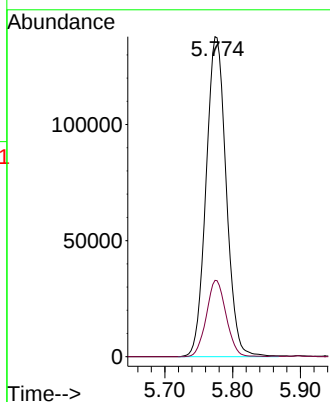
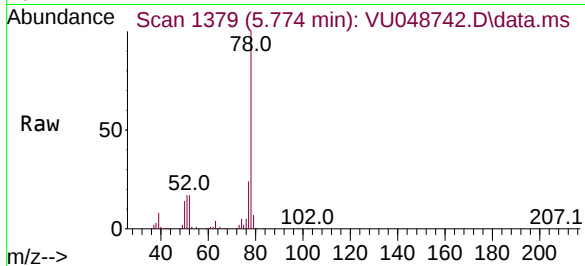




#40
Benzene
Concen: 36.633 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

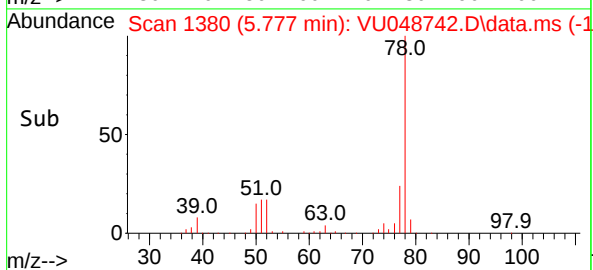
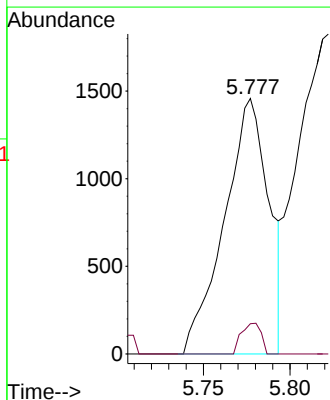
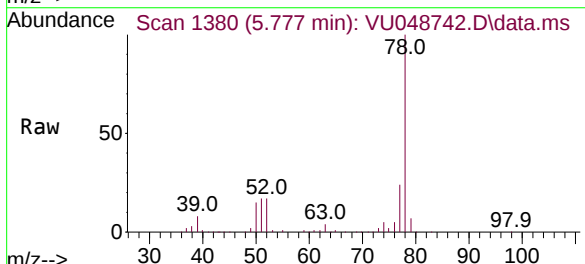
Instrument :
MSVOA_U
ClientSampleId :
TW-5

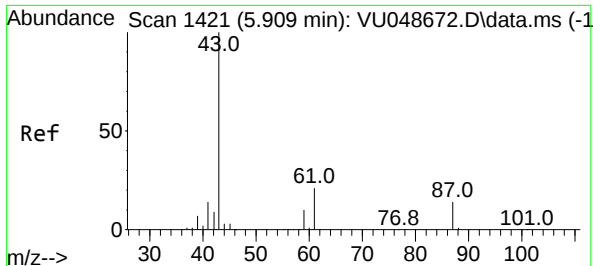
Tgt Ion: 78 Resp: 284313
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.854 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.016 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 62 Resp: 2595
Ion Ratio Lower Upper
62 100
98 5.3 0.0 17.0





#43

Isopropyl Acetate

Concen: 93.248 ug/l

RT: 5.822 min Scan# 11

Delta R.T. -0.087 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

TW-5

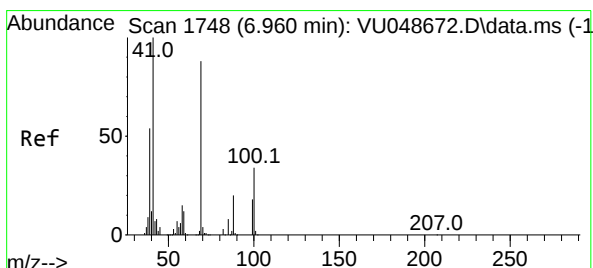
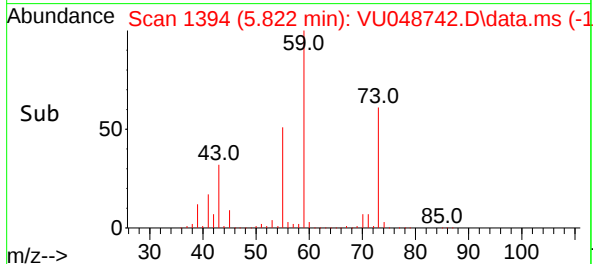
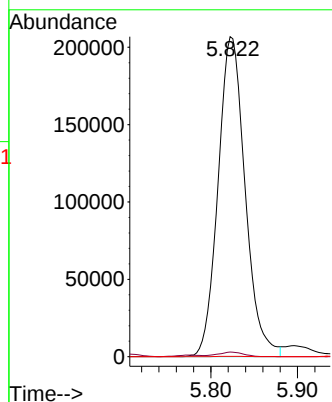
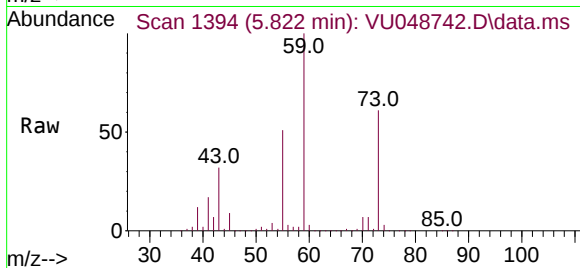
Tgt Ion: 43 Resp: 449789

Ion Ratio Lower Upper

43 100

61 1.4 16.7 25.1#

87 0.1 10.9 16.3#



#48

Methyl methacrylate

Concen: 0.538 ug/l

RT: 6.931 min Scan# 1739

Delta R.T. -0.029 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

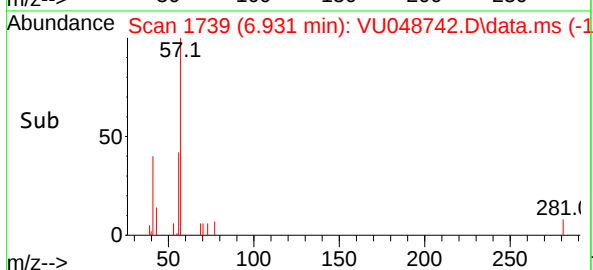
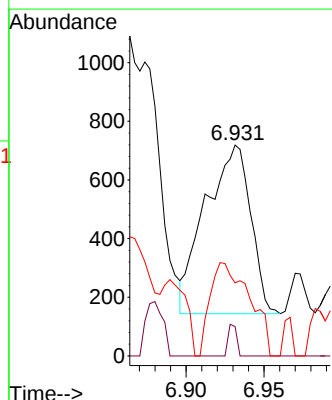
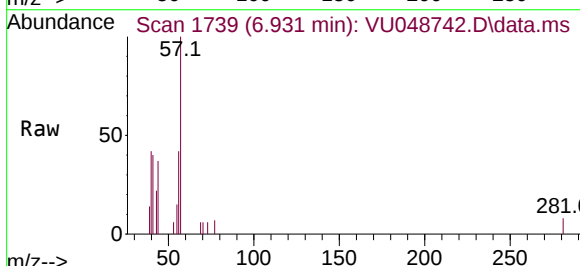
Tgt Ion: 41 Resp: 1164

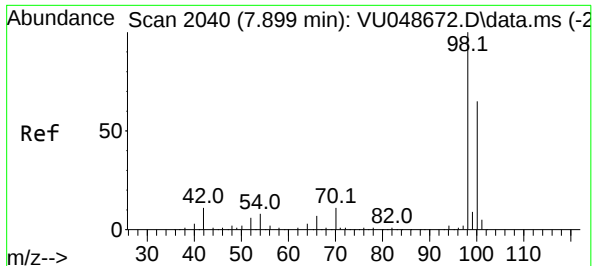
Ion Ratio Lower Upper

41 100

69 0.0 70.7 106.1#

39 48.1 43.4 65.2

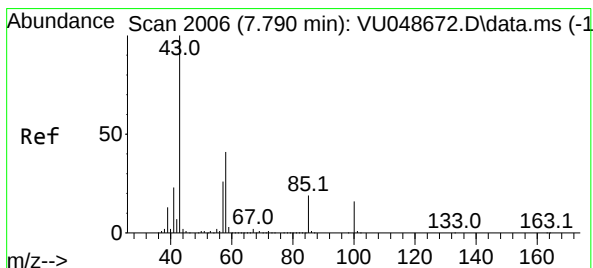
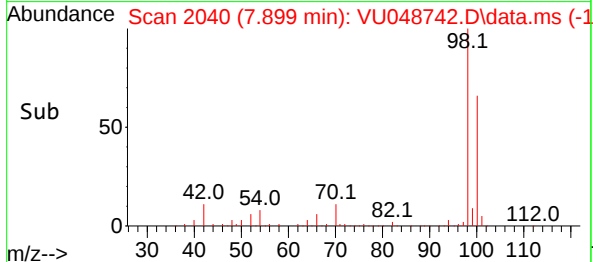
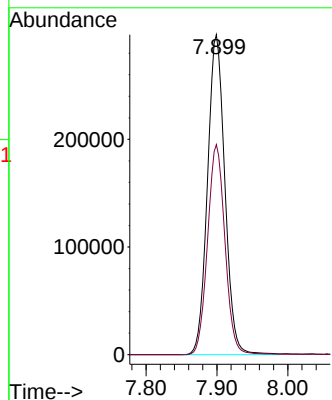
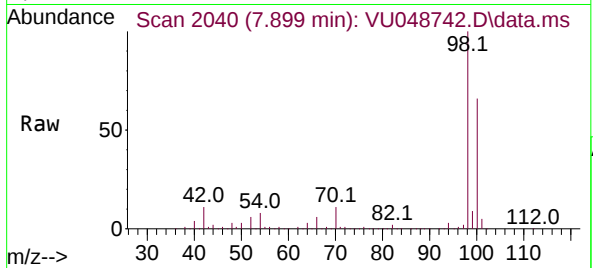




#50
Toluene-d8
Concen: 78.472 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

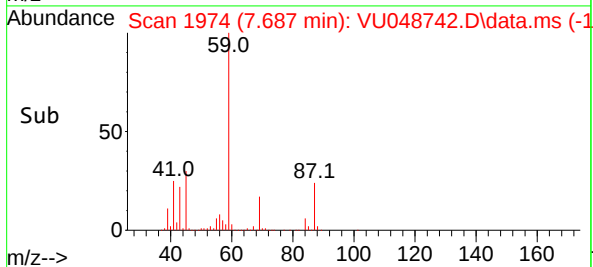
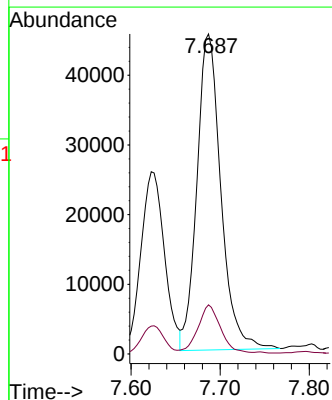
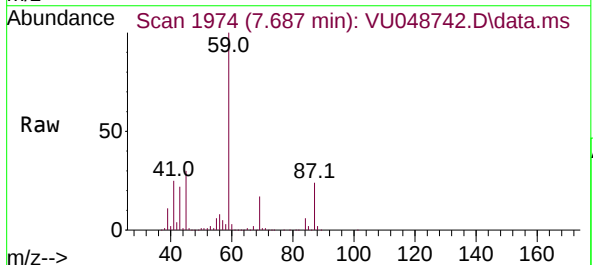
Instrument :
MSVOA_U
ClientSampleId :
TW-5

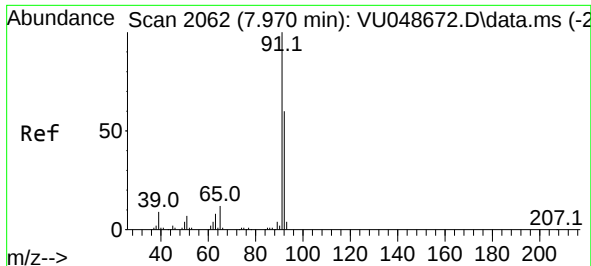
Tgt Ion: 98 Resp: 506672
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 27.080 ug/l
RT: 7.687 min Scan# 1974
Delta R.T. -0.103 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 43 Resp: 84815
Ion Ratio Lower Upper
43 100
58 14.1 32.7 49.1#

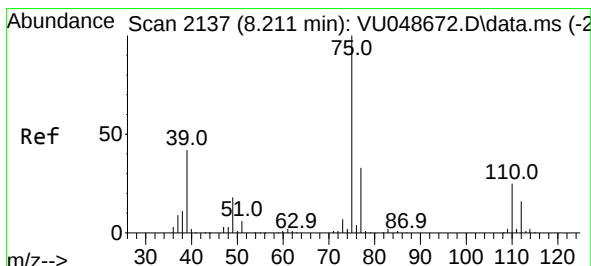
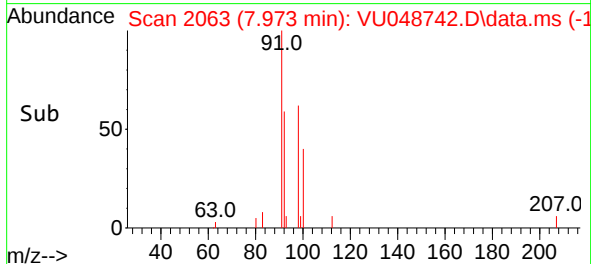
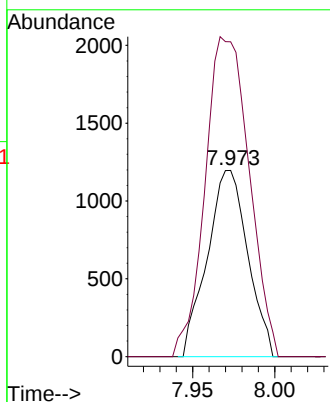
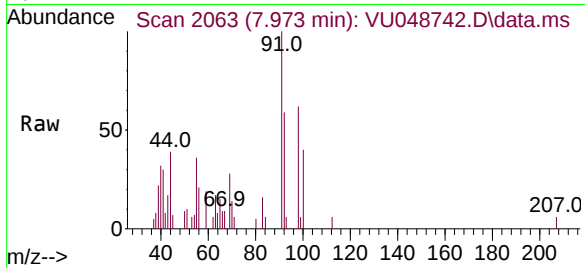




#52
Toluene
Concen: 0.442 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

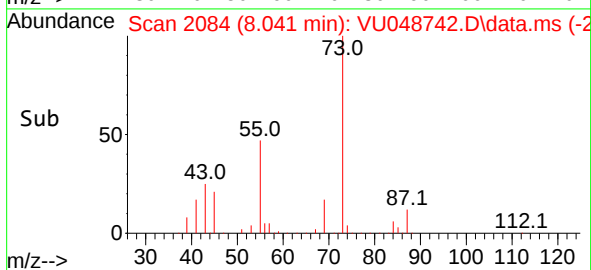
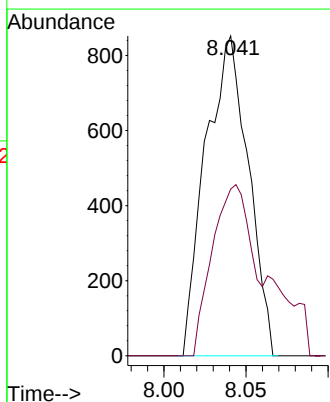
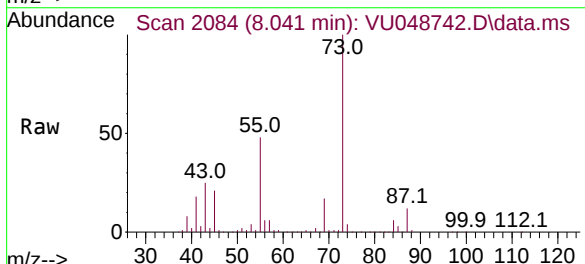
Instrument :
MSVOA_U
ClientSampleId :
TW-5

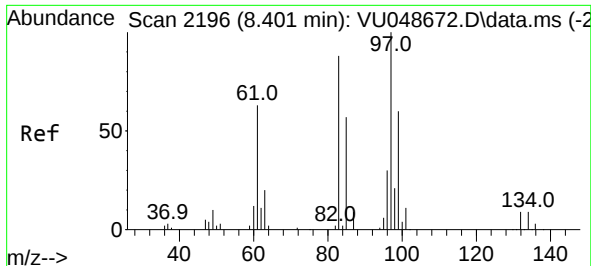
Tgt Ion: 92 Resp: 2051
Ion Ratio Lower Upper
92 100
91 186.7 135.0 202.4



#53
t-1,3-Dichloropropene
Concen: 0.484 ug/l
RT: 8.041 min Scan# 2084
Delta R.T. -0.171 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 75 Resp: 1540
Ion Ratio Lower Upper
75 100
77 52.1 26.2 39.4#

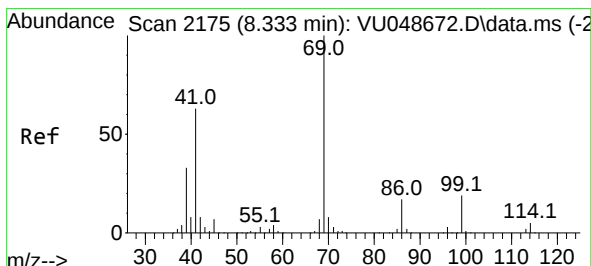
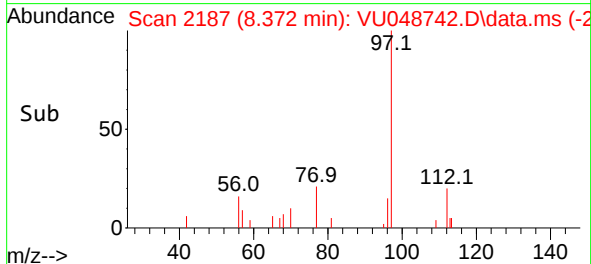
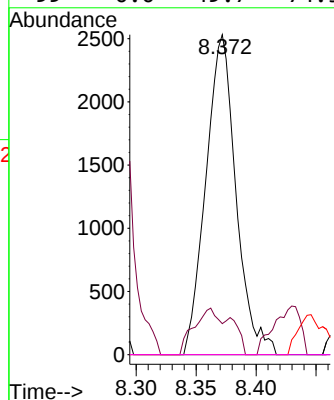
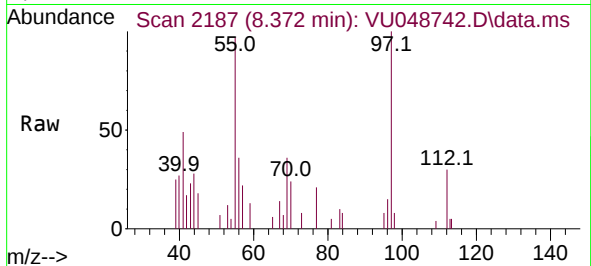




#55
1,1,2-Trichloroethane
Concen: 2.157 ug/l
RT: 8.372 min Scan# 2196
Delta R.T. -0.029 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

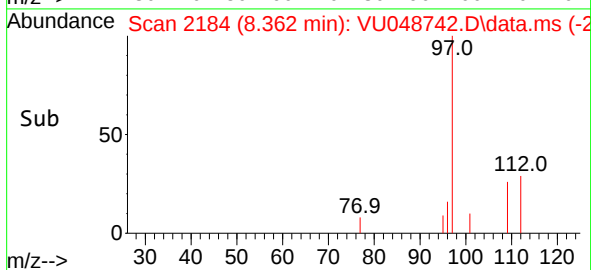
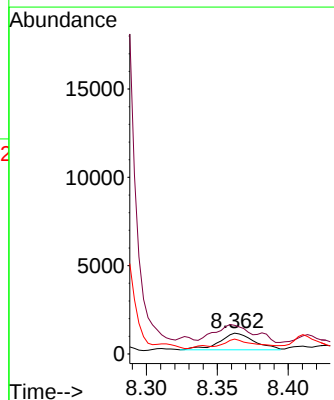
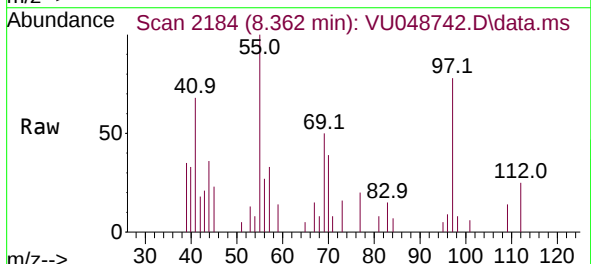
Instrument :
MSVOA_U
ClientSampleId :
TW-5

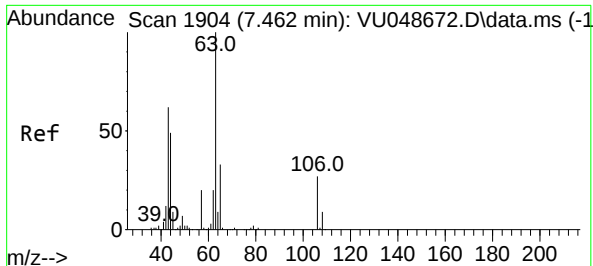
Tgt Ion: 97	Resp: 4419
Ion Ratio	Lower Upper
97 100	
83 9.7	70.2 105.4#
85 0.0	45.6 68.4#
99 0.0	49.7 74.5#



#56
Ethyl methacrylate
Concen: 3.095 ug/l
RT: 8.362 min Scan# 2184
Delta R.T. 0.029 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 69	Resp: 1646
Ion Ratio	Lower Upper
69 100	
41 0.0	50.6 76.0#
39 0.0	26.6 40.0#





#58

2-Chloroethyl Vinyl ether

Concen: 29.906 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

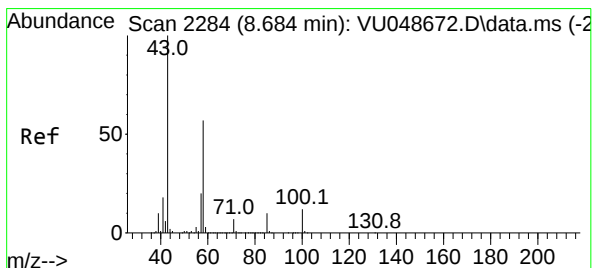
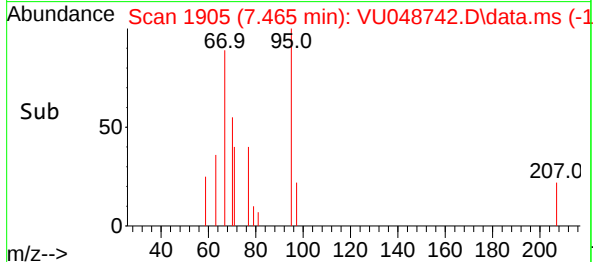
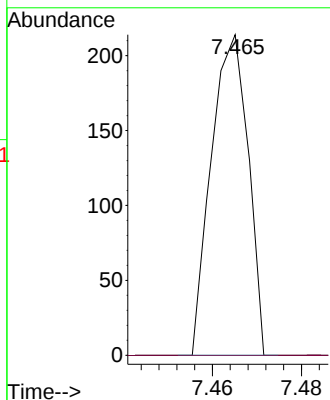
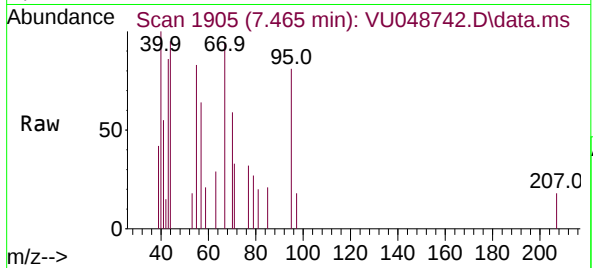
TW-5

Tgt Ion: 63 Resp: 123

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#



#59

2-Hexanone

Concen: 5.198 ug/l

RT: 8.491 min Scan# 2224

Delta R.T. -0.193 min

Lab File: VU048742.D

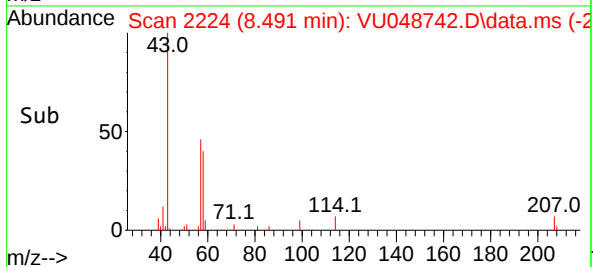
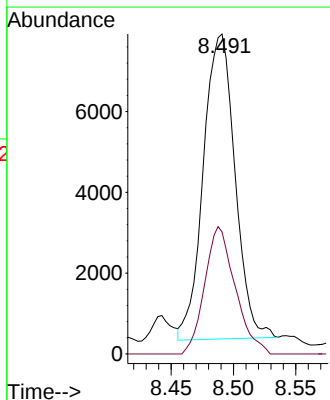
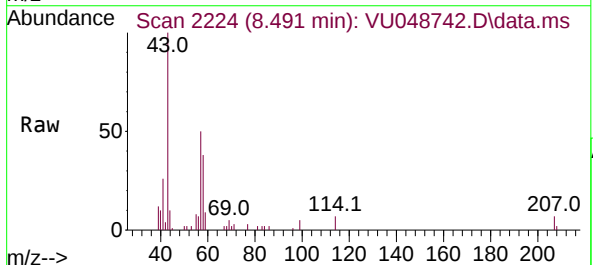
Acq: 31 May 2022 16:43

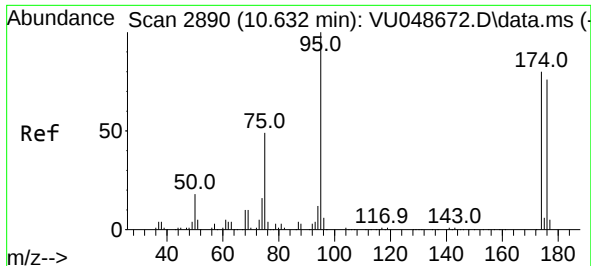
Tgt Ion: 43 Resp: 13366

Ion Ratio Lower Upper

43 100

58 40.1 28.2 84.6

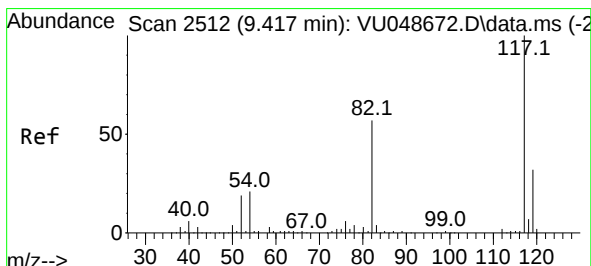
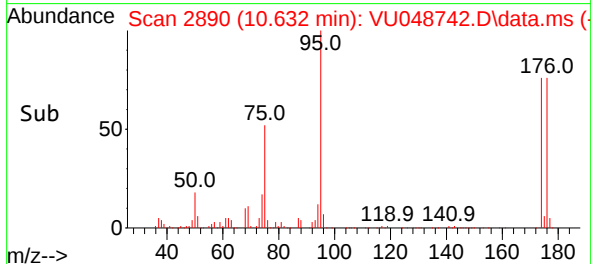
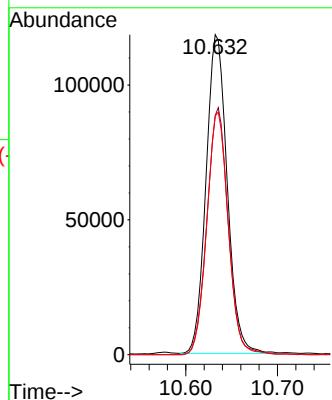
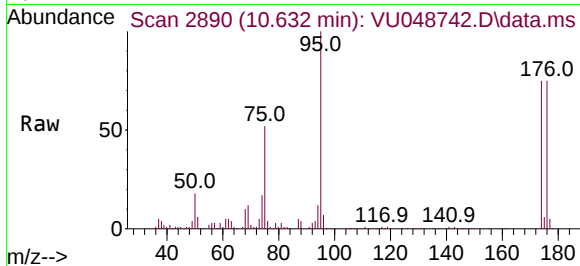




#62
4-Bromofluorobenzene
Concen: 77.635 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

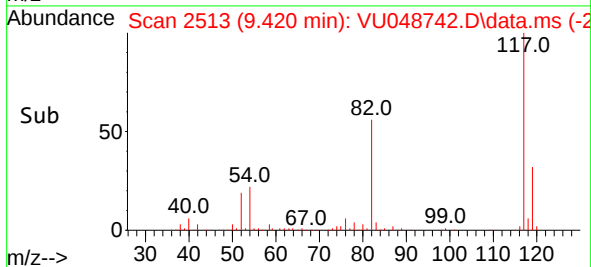
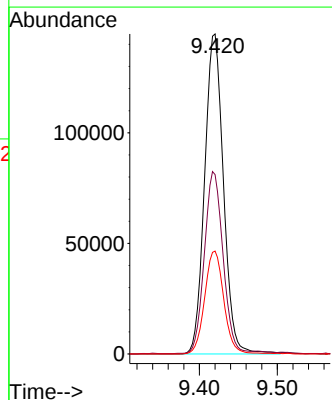
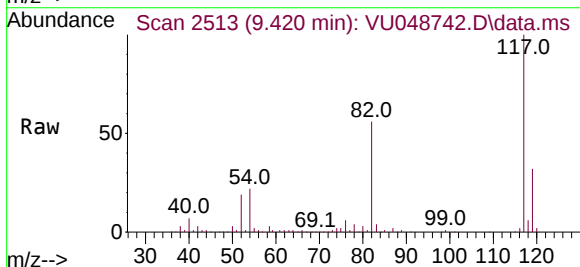
Instrument :
MSVOA_U
ClientSampleId :
TW-5

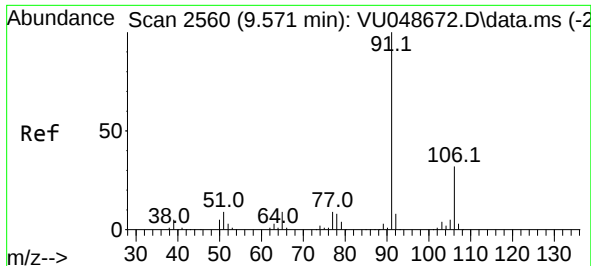
Tgt Ion: 95 Resp: 189575
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.4
176 77.0 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 117 Resp: 243301
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.1 25.4 38.2





#67

Ethyl Benzene

Concen: 1.062 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

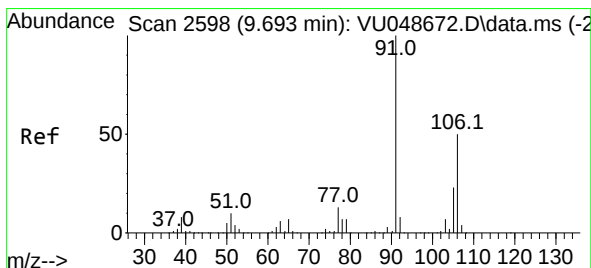
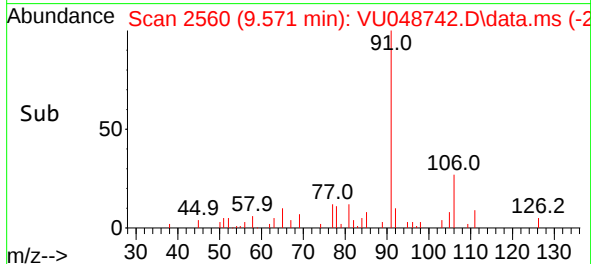
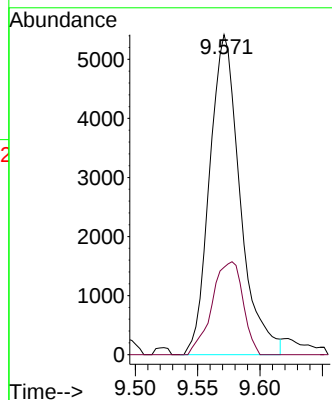
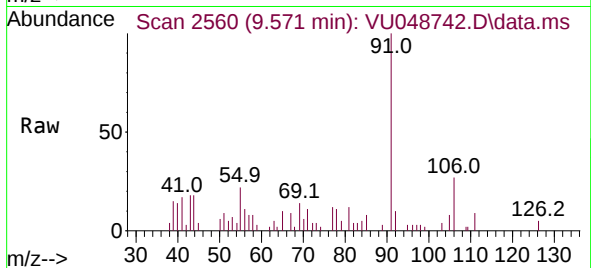
TW-5

Tgt Ion: 91 Resp: 9221

Ion Ratio Lower Upper

91 100

106 27.3 25.4 38.2



#68

m/p-Xylenes

Concen: 1.071 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU048742.D

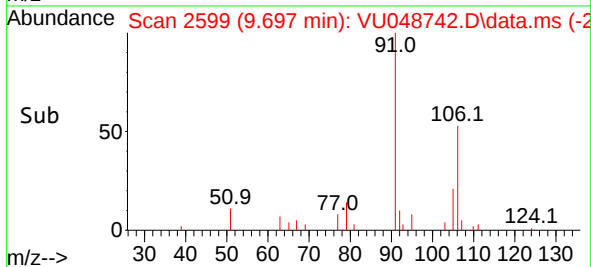
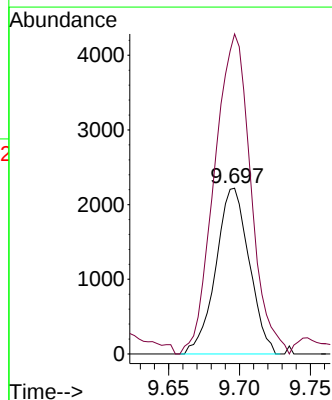
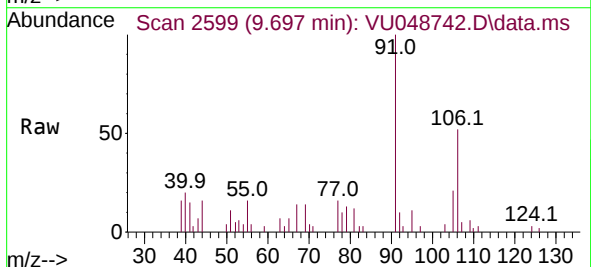
Acq: 31 May 2022 16:43

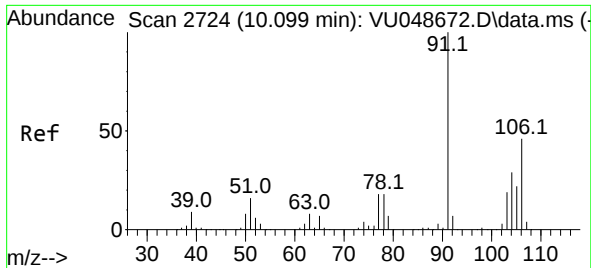
Tgt Ion: 106 Resp: 3636

Ion Ratio Lower Upper

106 100

91 210.0 162.4 243.6

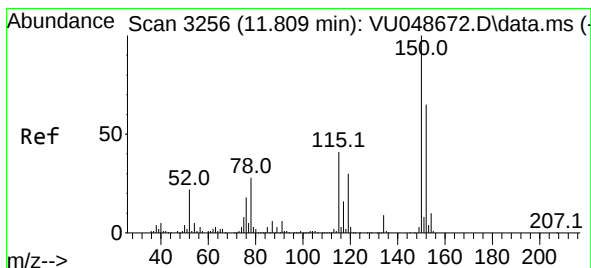
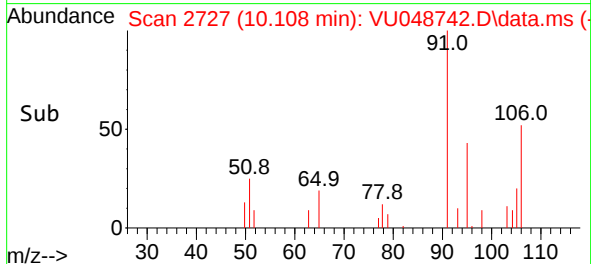
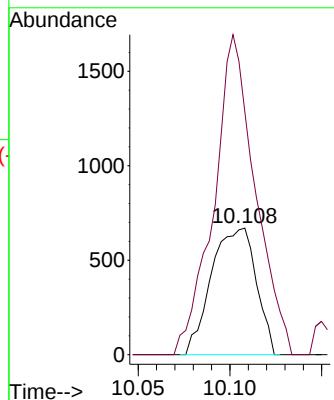
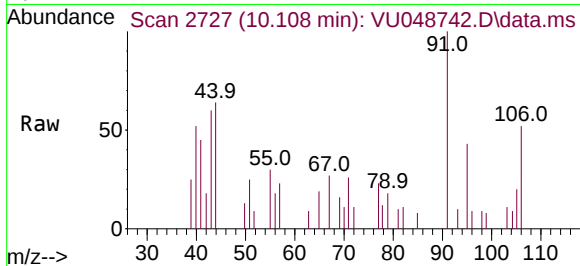




#69
o-Xylene
Concen: 0.340 ug/l
RT: 10.108 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

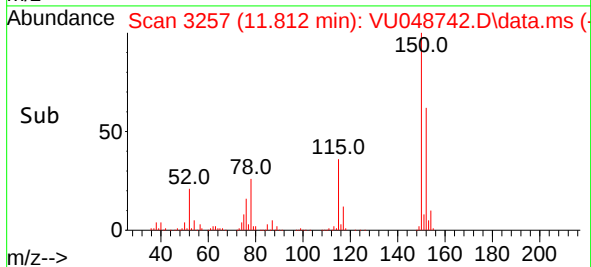
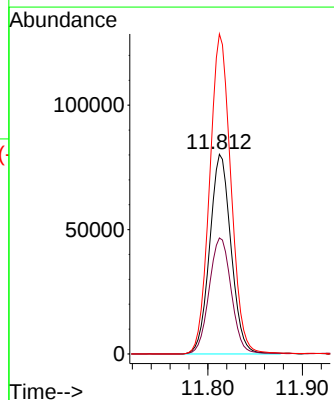
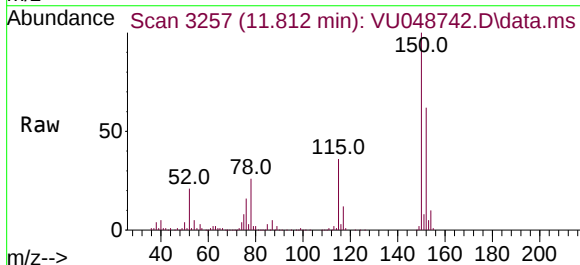
Instrument :
MSVOA_U
ClientSampleId :
TW-5

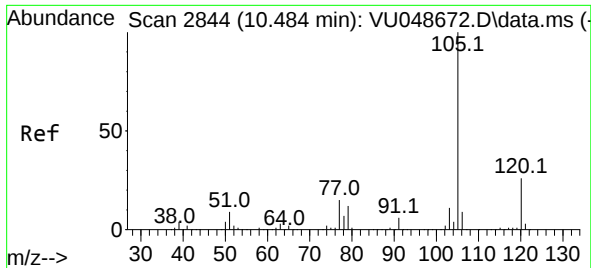
Tgt Ion:106 Resp: 1134
Ion Ratio Lower Upper
106 100
91 234.7 107.7 323.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion:152 Resp: 126163
Ion Ratio Lower Upper
152 100
115 60.1 41.8 125.4
150 159.4 0.0 341.0

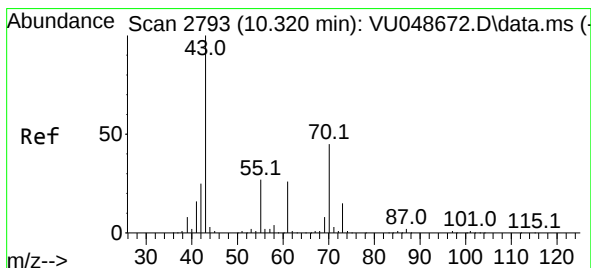
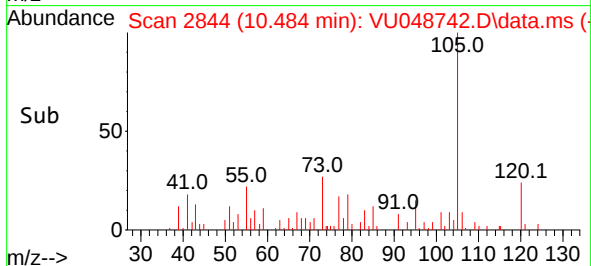
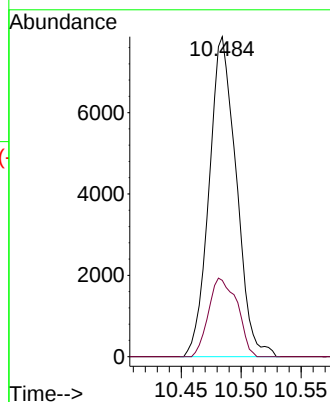
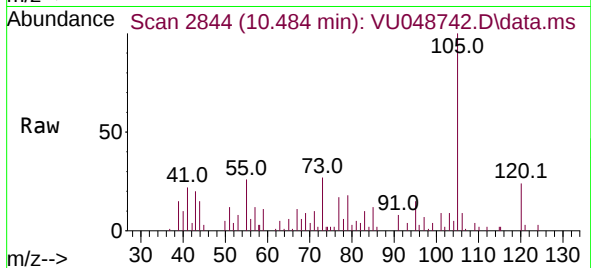




#73
Isopropylbenzene
Concen: 1.521 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

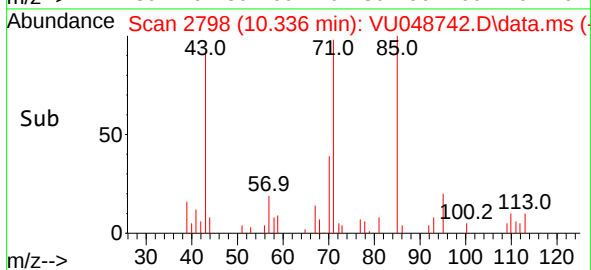
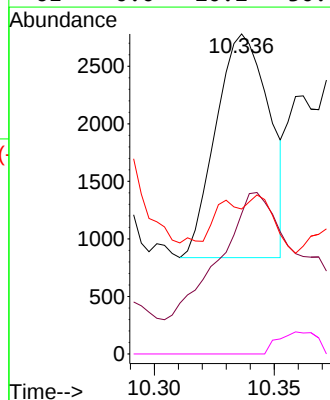
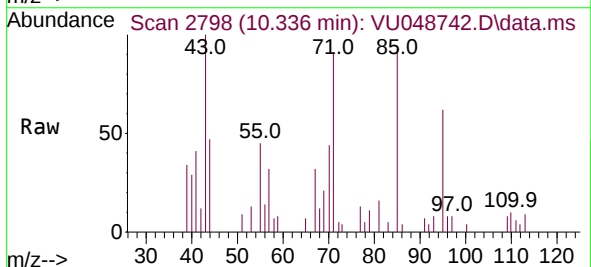
Instrument :
MSVOA_U
ClientSampleId :
TW-5

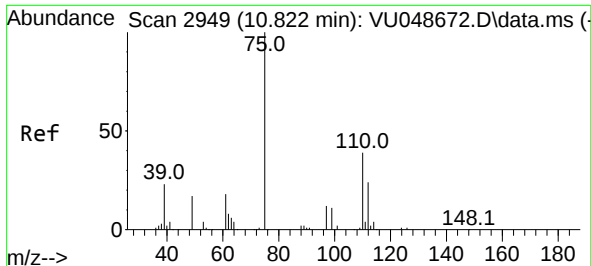
Tgt Ion:105 Resp: 12386
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 3.160 ug/l
RT: 10.336 min Scan# 2798
Delta R.T. 0.016 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 43 Resp: 3006
Ion Ratio Lower Upper
43 100
70 106.2 35.8 53.6#
55 0.0 21.1 31.7#
61 0.0 20.2 30.4#

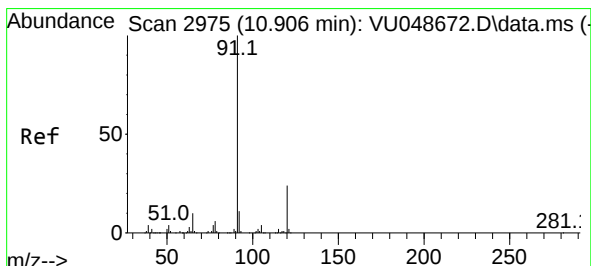
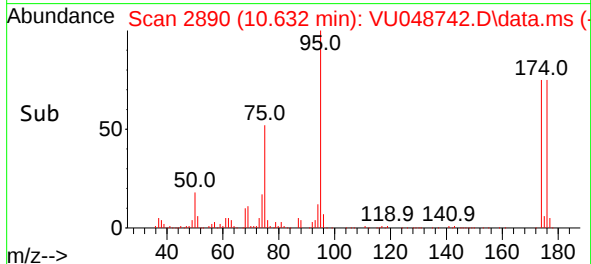
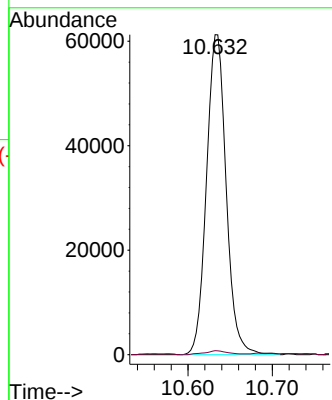
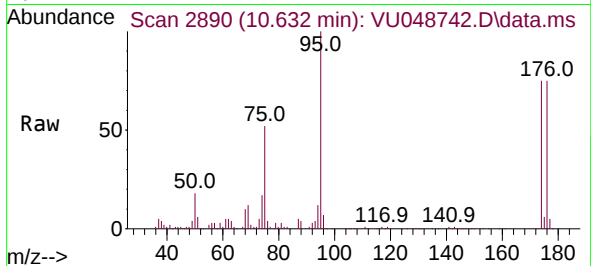




#76
1,2,3-Trichloropropane
Concen: 24.465 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.190 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

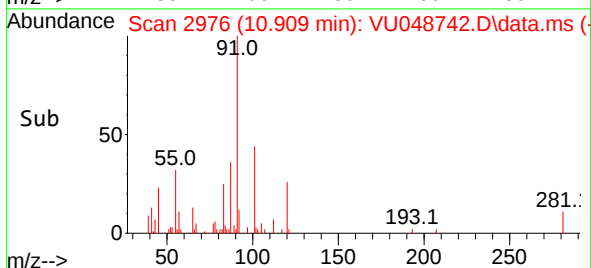
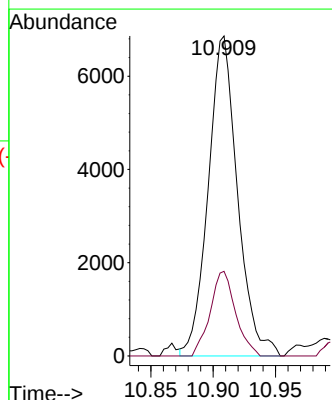
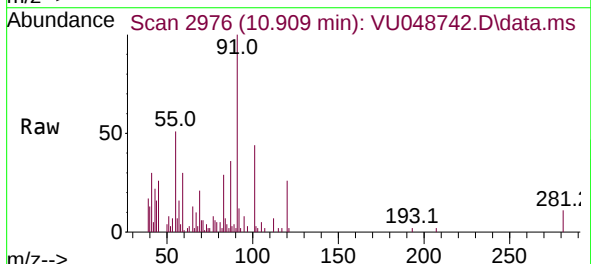
Instrument :
MSVOA_U
ClientSampleId :
TW-5

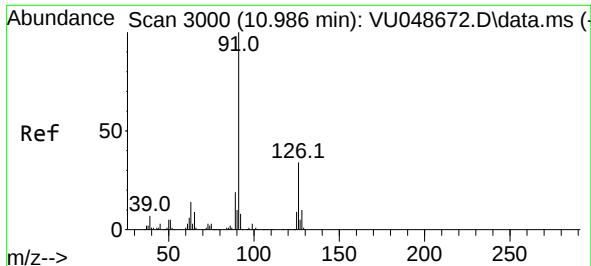
Tgt Ion: 75 Resp: 99518
Ion Ratio Lower Upper
75 100
77 1.5 14.8 44.3#



#78
n-propylbenzene
Concen: 1.158 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 91 Resp: 11236
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.7

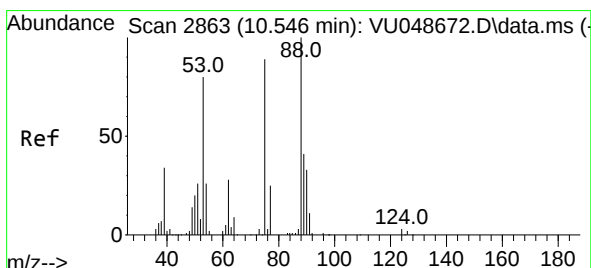
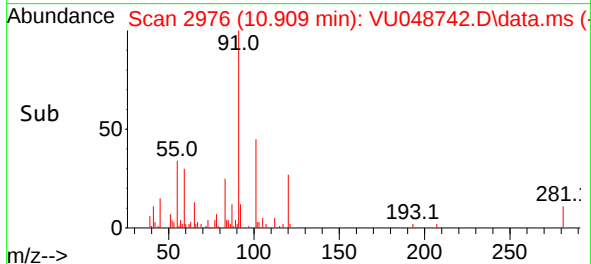
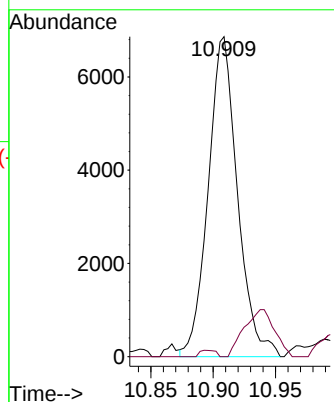
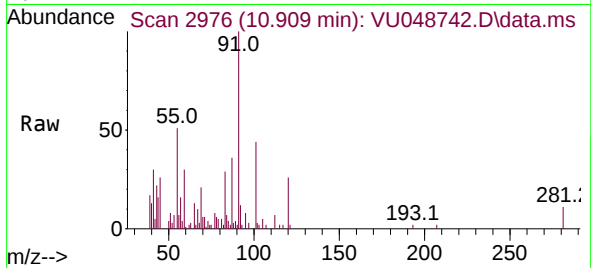




#79
2-Chlorotoluene
Concen: 1.862 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.077 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

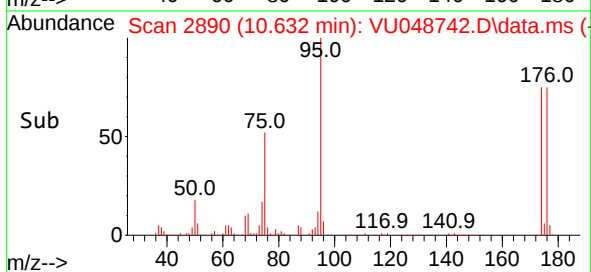
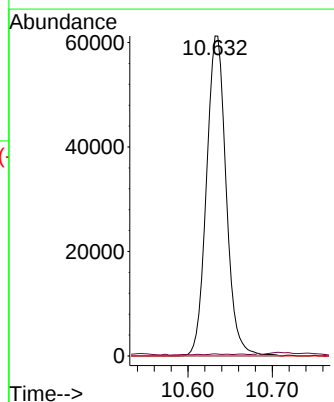
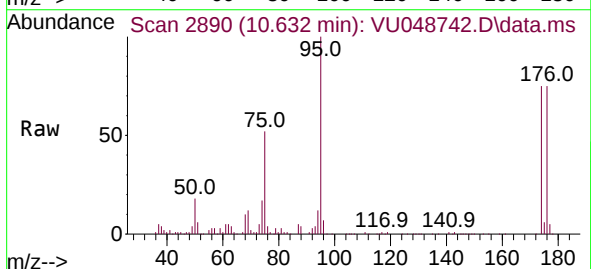
Instrument :
MSVOA_U
ClientSampleId :
TW-5

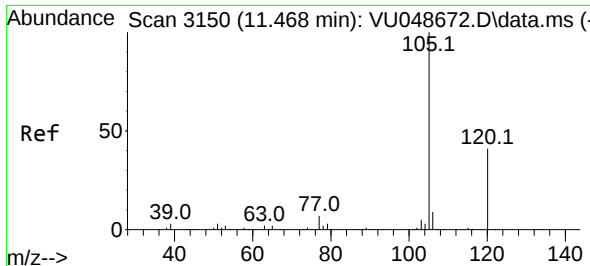
Tgt Ion: 91 Resp: 11236
Ion Ratio Lower Upper
91 100
126 1.1 16.7 50.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.829 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion: 75 Resp: 99518
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#

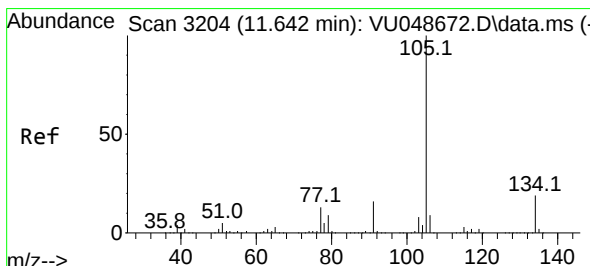
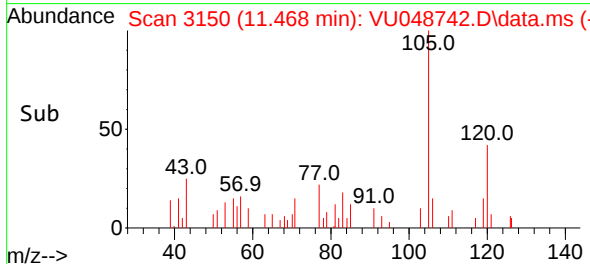
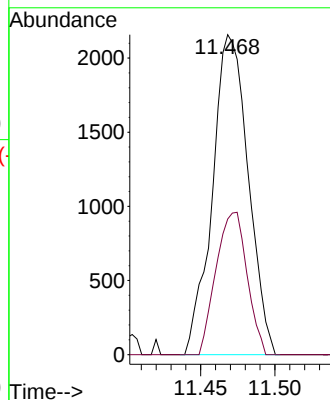
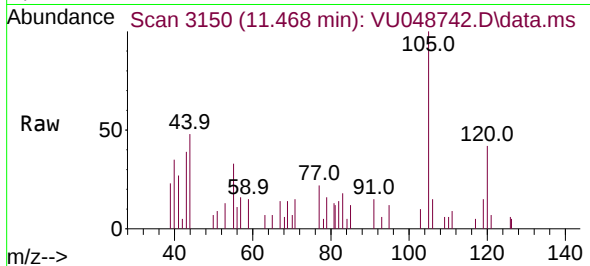




#84
1,2,4-Trimethylbenzene
Concen: 1.650 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

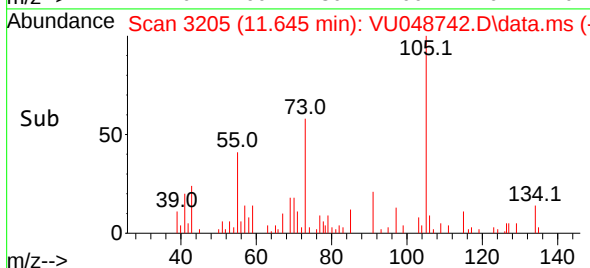
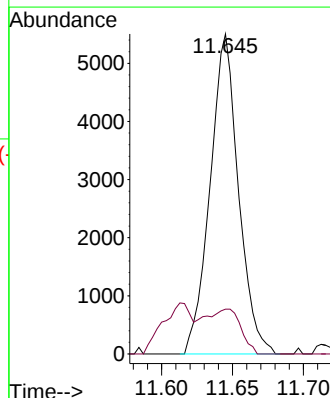
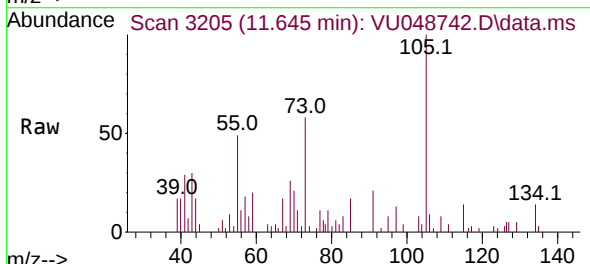
Instrument :
MSVOA_U
ClientSampleId :
TW-5

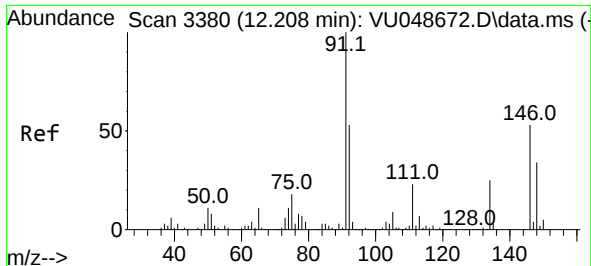
Tgt Ion:105 Resp: 3622
Ion Ratio Lower Upper
105 100
120 38.3 22.5 67.5



#85
sec-Butylbenzene
Concen: 0.903 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048742.D
Acq: 31 May 2022 16:43

Tgt Ion:105 Resp: 7676
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#





#89

n-Butylbenzene

Concen: 2.460 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048742.D

Acq: 31 May 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

TW-5

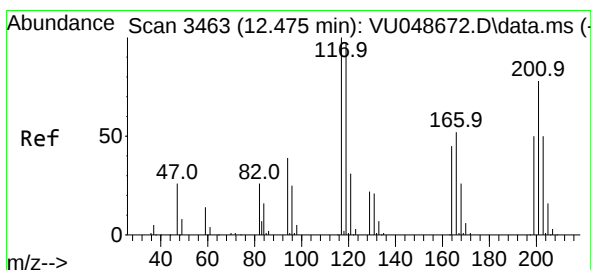
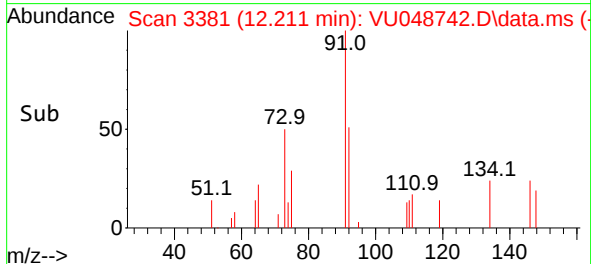
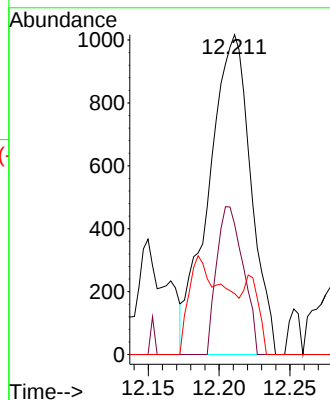
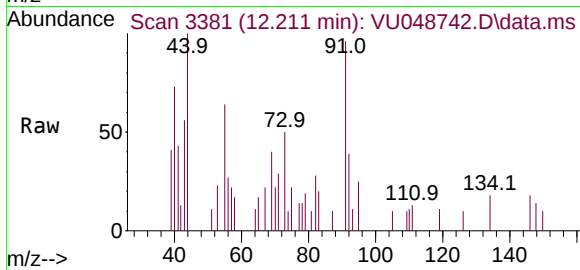
Tgt Ion: 91 Resp: 2100

Ion Ratio Lower Upper

91 100

92 29.1 25.9 77.8

134 0.0 12.5 37.5#



#90

Hexachloroethane

Concen: 47.530 ug/l

RT: 12.684 min Scan# 3528

Delta R.T. 0.209 min

Lab File: VU048742.D

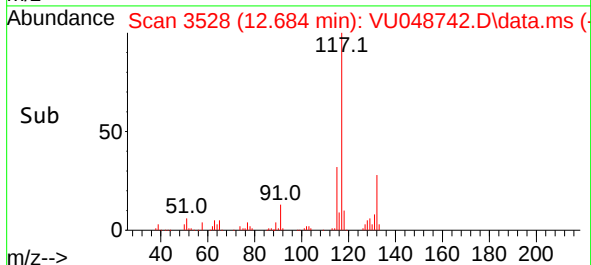
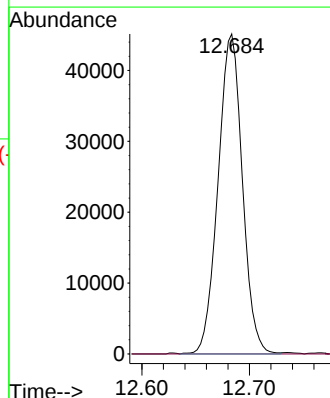
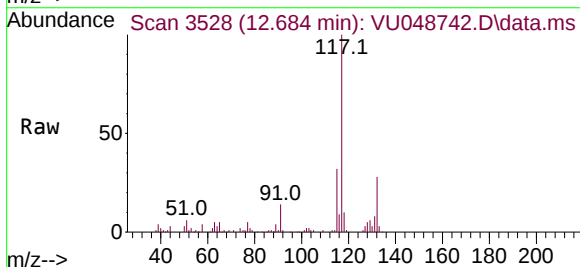
Acq: 31 May 2022 16:43

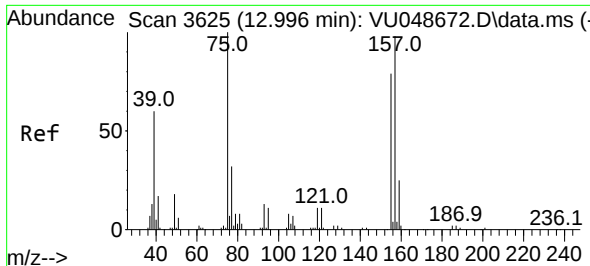
Tgt Ion: 117 Resp: 70846

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#

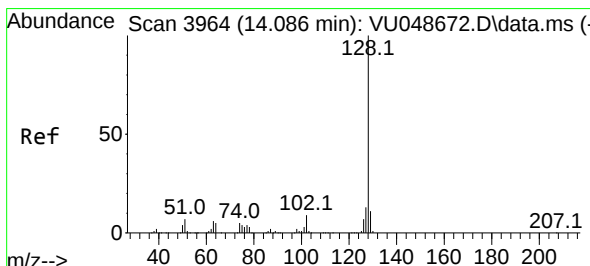
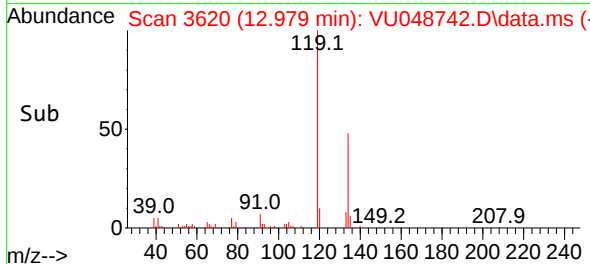
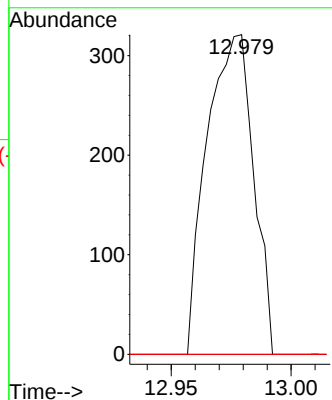
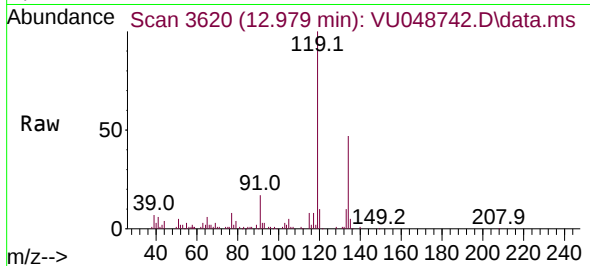




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.452 ug/l
 RT: 12.979 min Scan# 3620
 Delta R.T. -0.016 min
 Lab File: VU048742.D
 Acq: 31 May 2022 16:43

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-5

Tgt Ion: 75 Resp: 433
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.3 120.8#
 157 0.0 50.0 150.0#



#95
 Naphthalene
 Concen: 6.275 ug/l
 RT: 14.089 min Scan# 3965
 Delta R.T. 0.003 min
 Lab File: VU048742.D
 Acq: 31 May 2022 16:43

Tgt Ion: 128 Resp: 39149
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.4
 129 11.8 8.7 13.1

