

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048743.D
 Acq On : 31 May 2022 17:07
 Operator : SY/MD
 Sample : N3033-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

Quant Time: Jun 01 02:18:50 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	244244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	411726	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	392487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	200316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	178603	48.691	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.380%
35) Dibromofluoromethane	5.292	113	138569	47.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	7.899	98	497257	47.226	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	10.636	95	182295	45.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.469	50	8267	2.297	ug/l #	43
5) Bromomethane	1.851	94	71	Below Cal		89
6) Chloroethane	1.916	64	998	Below Cal	#	43
11) Tert butyl alcohol	3.189	59	1692	1.819	ug/l #	28
13) Acrolein	2.465	56	285	Below Cal	#	1
14) Allyl chloride	3.083	41	54089	11.234	ug/l #	65
15) Acrylonitrile	3.363	53	2623	1.301	ug/l #	32
16) Acetone	2.626	43	6873	3.677	ug/l	96
18) Methyl Acetate	3.083	43	138279	29.462	ug/l #	51
20) Methylene Chloride	3.041	84	759	0.239	ug/l #	84
23) Vinyl Acetate	3.697	43	67347	8.752	ug/l #	53
25) 2-Butanone	4.723	43	4518	1.682	ug/l	96
29) Tetrahydrofuran	5.134	42	936	0.553	ug/l #	1
30) Chloroform	5.128	83	1129	0.202	ug/l #	1
31) Cyclohexane	5.369	56	70521	15.256	ug/l #	60
36) 1,1-Dichloropropene	5.375	75	19023	4.437	ug/l #	51
38) Carbon Tetrachloride	5.375	117	24786	5.040	ug/l #	16
39) Methylcyclohexane	6.764	83	119920	26.678	ug/l	95
43) Isopropyl Acetate	5.899	43	109917	13.974	ug/l #	60
47) Bromodichloromethane	7.079	83	1588	0.330	ug/l #	60
48) Methyl methacrylate	6.983	41	20951	5.933	ug/l #	47
51) 4-Methyl-2-Pentanone	7.767	43	1727	0.338	ug/l #	62
55) 1,1,2-Trichloroethane	8.369	97	57557	17.227	ug/l #	19
56) Ethyl methacrylate	8.369	69	16011	5.487	ug/l #	4
58) 2-Chloroethyl Vinyl ether	7.449	63	43	29.789	ug/l #	47
59) 2-Hexanone	8.687	43	4810	1.147	ug/l	92
67) Ethyl Benzene	9.571	91	4842	0.346	ug/l	98
68) m/p-Xylenes	9.693	106	3105	0.567	ug/l	94
74) N-amyl acetate	10.343	43	312	2.512	ug/l #	50
76) 1,2,3-Trichloropropane	10.636	75	92618	14.340	ug/l #	48
81) trans-1,4-Dichloro-2-b...	10.636	75	92618	52.067	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.468	105	6699	1.727	ug/l	92
85) sec-Butylbenzene	11.645	105	22076	1.635	ug/l	97
86) p-Isopropyltoluene	11.793	119	9041	0.780	ug/l	88
89) n-Butylbenzene	12.208	91	107878	11.073	ug/l #	57
90) Hexachloroethane	12.468	117	2824	1.193	ug/l #	10

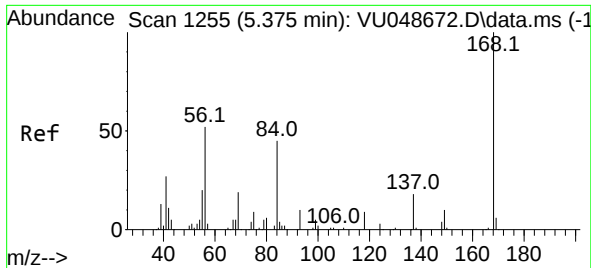
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.089	128	29098	4.285	ug/l #	95

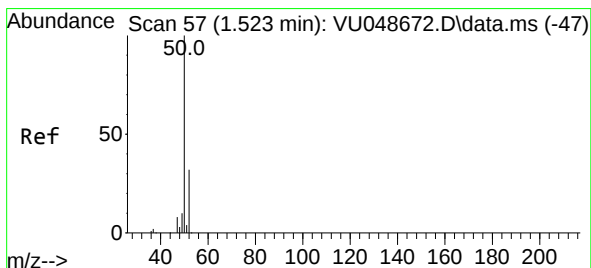
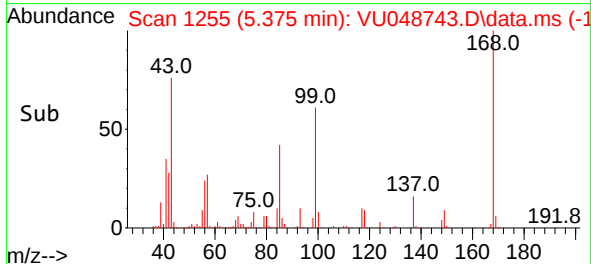
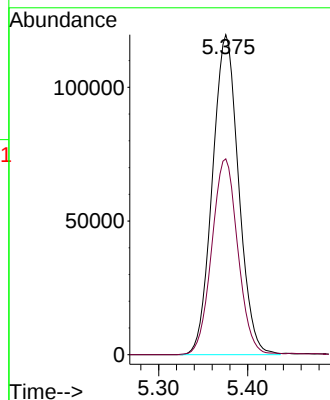
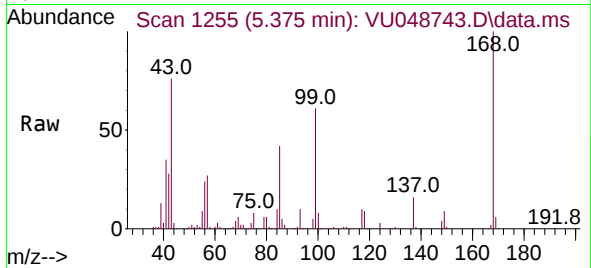
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

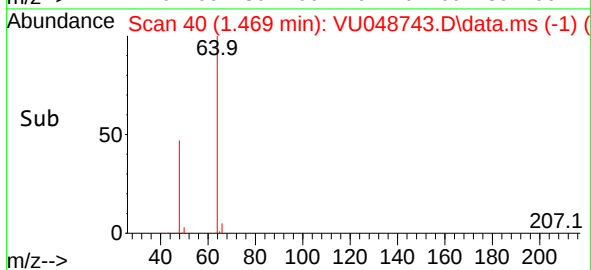
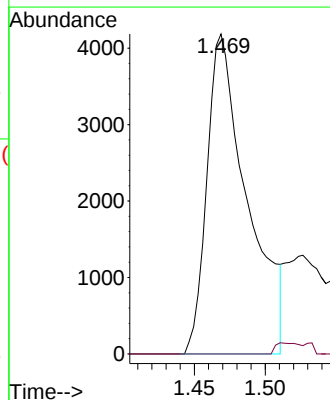
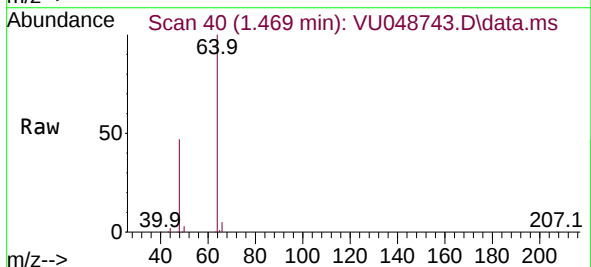
Instrument :
MSVOA_U
ClientSampleId :
HW-2

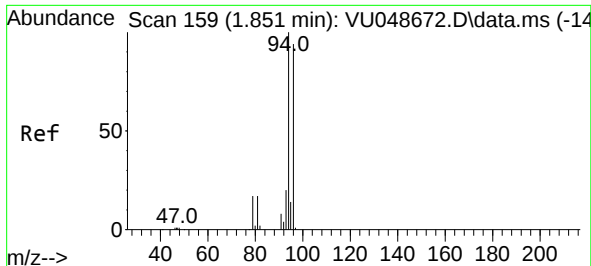
Tgt Ion:168 Resp: 244244
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#3
Chloromethane
Concen: 2.297 ug/l
RT: 1.469 min Scan# 40
Delta R.T. -0.055 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 50 Resp: 8267
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

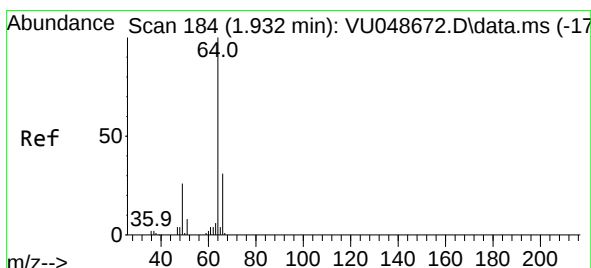
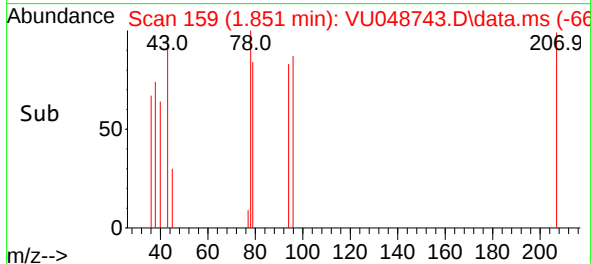
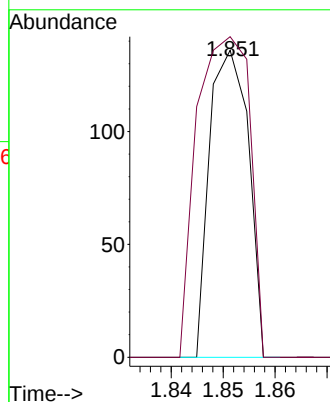
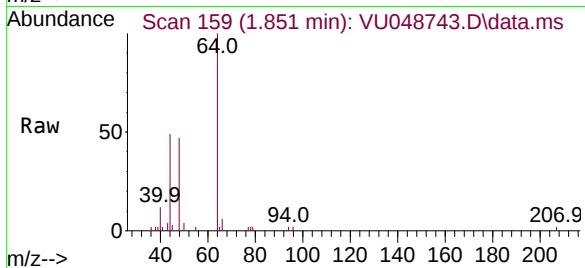




#5
Bromomethane
Concen: Below Cal
RT: 1.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

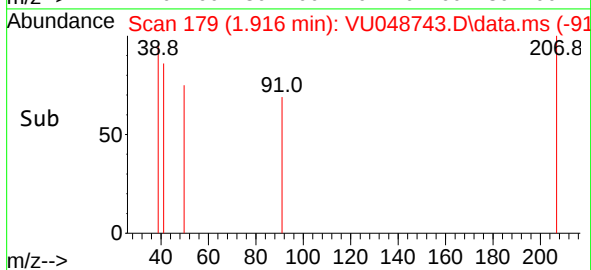
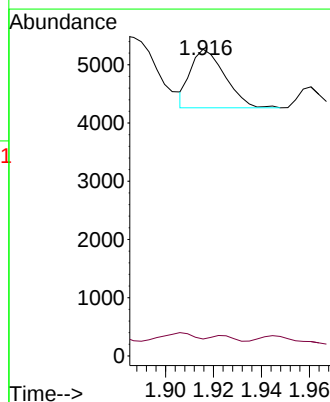
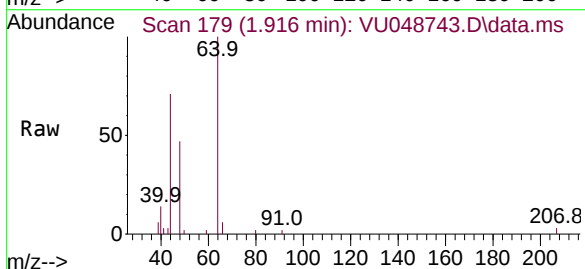
Instrument :
MSVOA_U
ClientSampleId :
HW-2

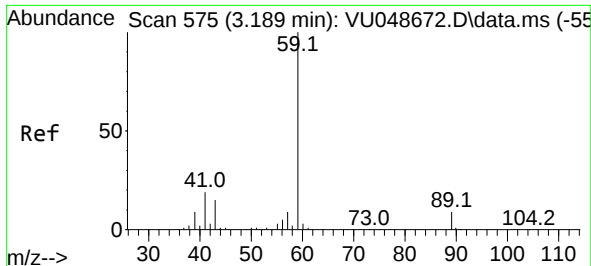
Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 104.4 75.1 112.7



#6
Chloroethane
Concen: Below Cal
RT: 1.916 min Scan# 179
Delta R.T. -0.016 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 64 Resp: 998
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#





#11

Tert butyl alcohol

Concen: 1.819 ug/l

RT: 3.189 min Scan# 51

Delta R.T. 0.000 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

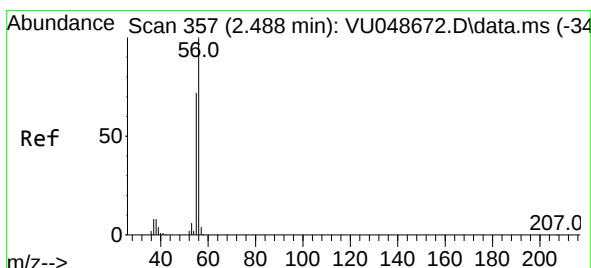
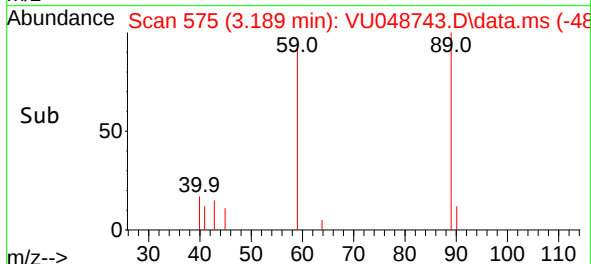
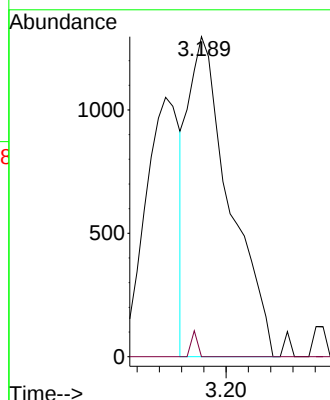
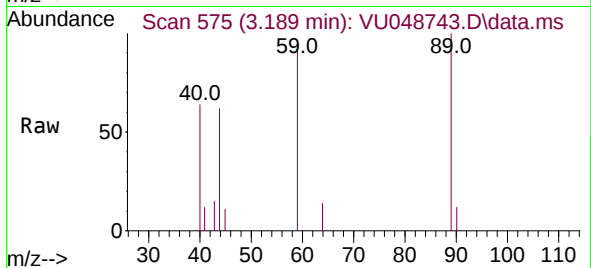
HW-2

Tgt Ion: 59 Resp: 1692

Ion Ratio Lower Upper

59 100

57 0.0 39.7 59.5#



#13

Acrolein

Concen: Below Cal

RT: 2.465 min Scan# 350

Delta R.T. -0.023 min

Lab File: VU048743.D

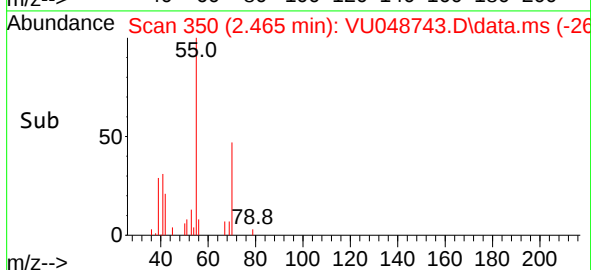
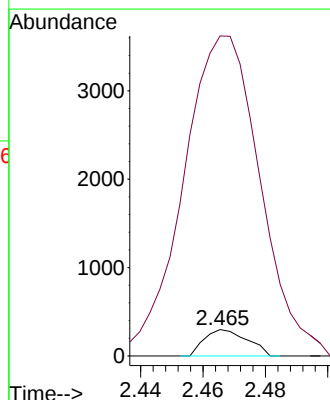
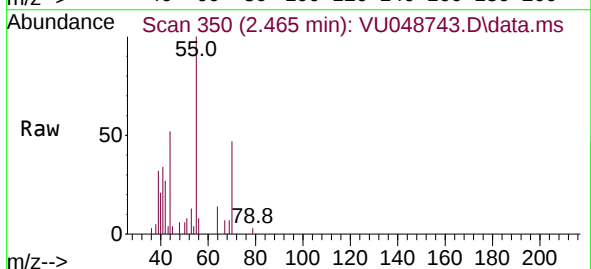
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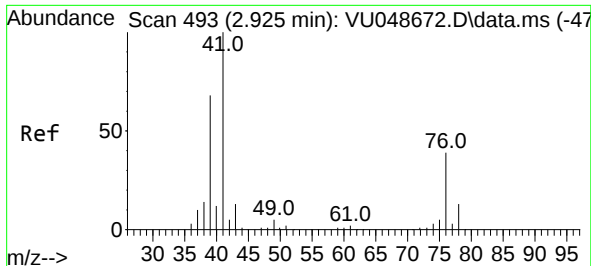
Tgt Ion: 56 Resp: 285

Ion Ratio Lower Upper

56 100

55 2180.0 57.7 86.5#

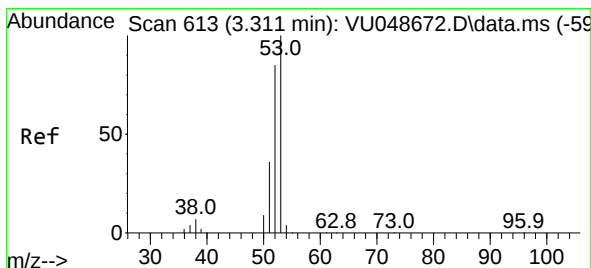
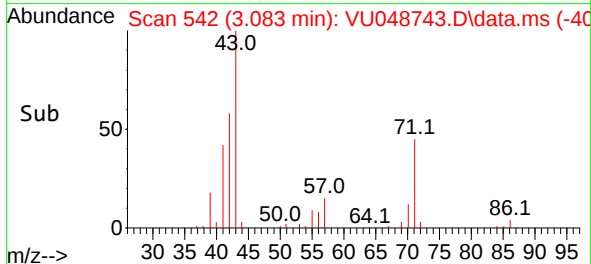
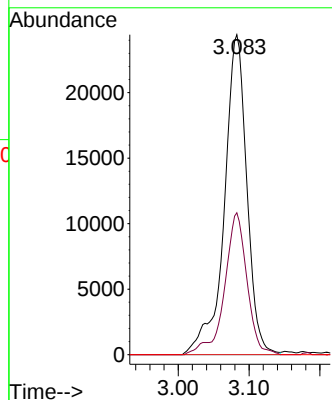
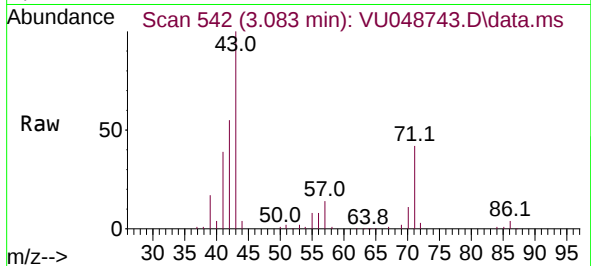




#14
 Allyl chloride
 Concen: 11.234 ug/l
 RT: 3.083 min Scan# 541
 Delta R.T. 0.158 min
 Lab File: VU048743.D
 Acq: 31 May 2022 17:07

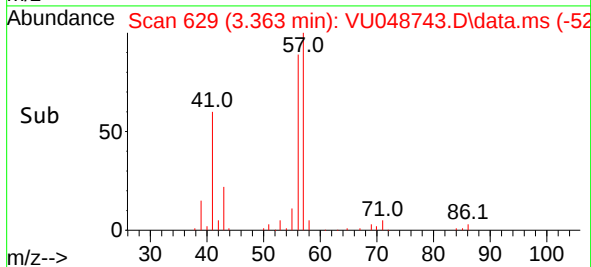
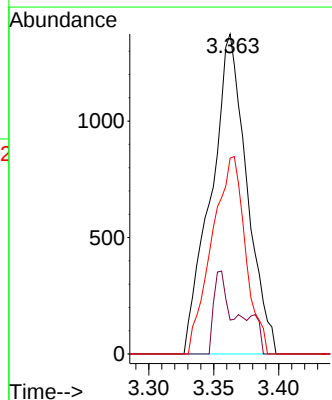
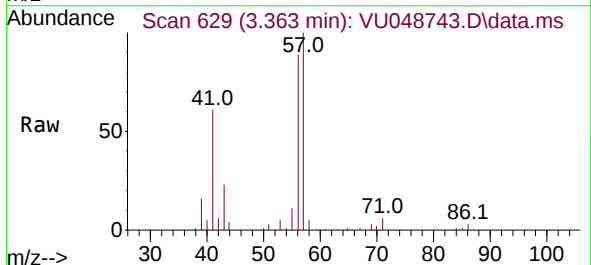
Instrument :
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 ClientSampleId :
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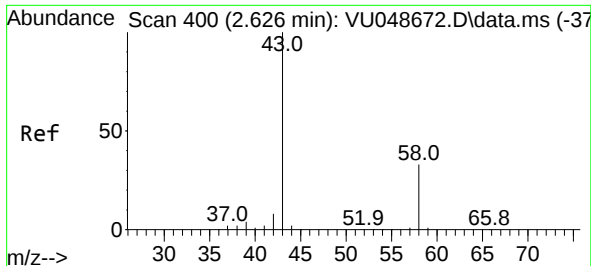
Tgt Ion: 41 Resp: 54089
 Ion Ratio Lower Upper
 41 100
 39 44.0 48.6 72.8#
 76 0.0 27.0 40.4#



#15
 Acrylonitrile
 Concen: 1.301 ug/l
 RT: 3.363 min Scan# 629
 Delta R.T. 0.051 min
 Lab File: VU048743.D
 Acq: 31 May 2022 17:07

Tgt Ion: 53 Resp: 2623
 Ion Ratio Lower Upper
 53 100
 52 10.7 66.3 99.5#
 51 58.0 28.6 42.8#





#16

Acetone

Concen: 3.677 ug/l

RT: 2.626 min Scan# 40

Delta R.T. 0.000 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

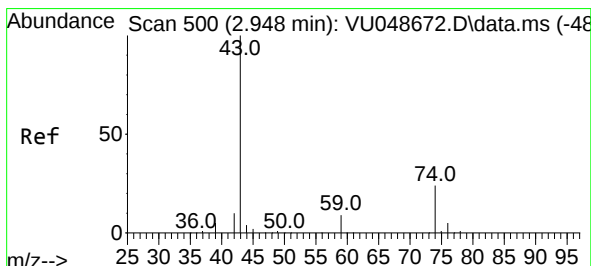
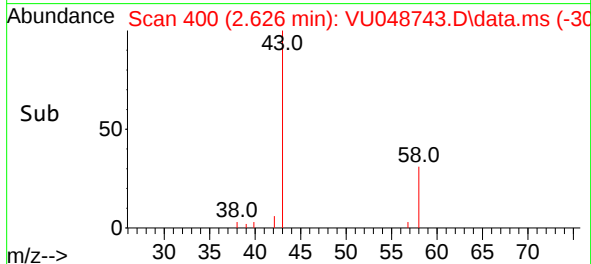
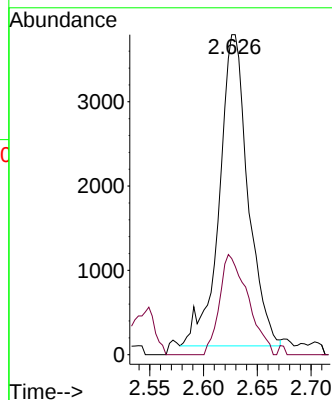
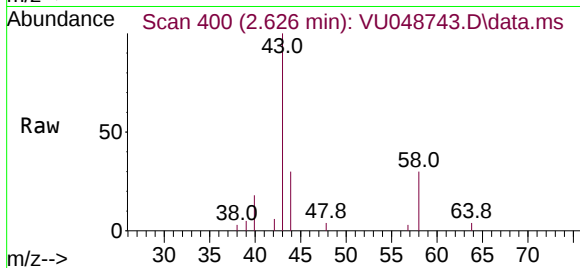
HW-2

Tgt Ion: 43 Resp: 6873

Ion Ratio Lower Upper

43 100

58 30.9 26.3 39.5



#18

Methyl Acetate

Concen: 29.462 ug/l

RT: 3.083 min Scan# 542

Delta R.T. 0.135 min

Lab File: VU048743.D

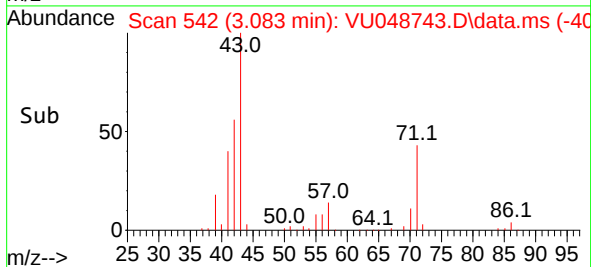
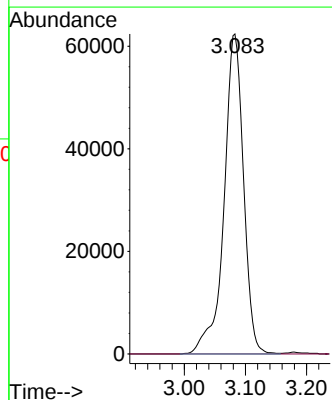
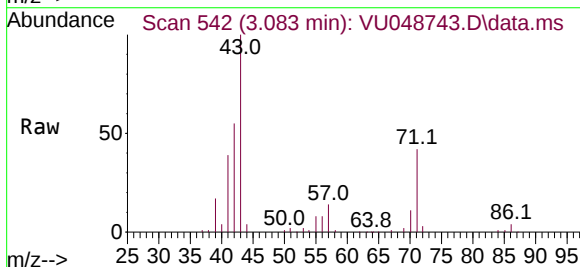
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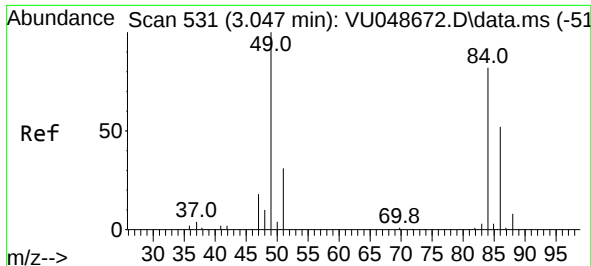
Tgt Ion: 43 Resp: 138279

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#

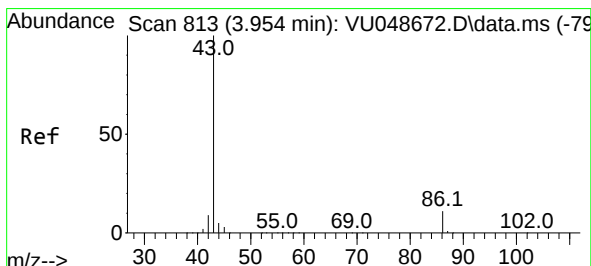
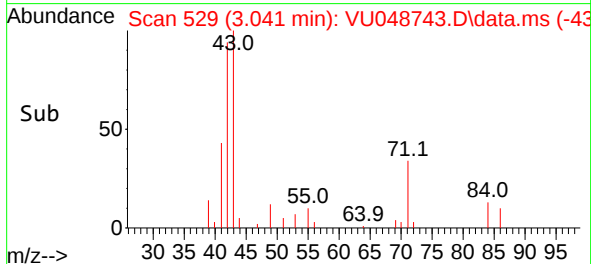
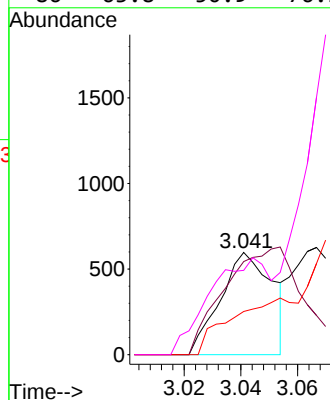
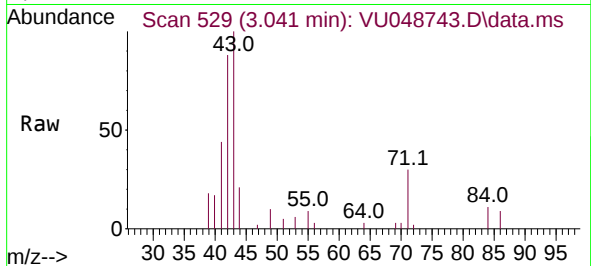




#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

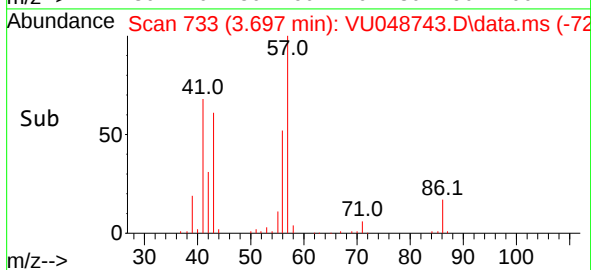
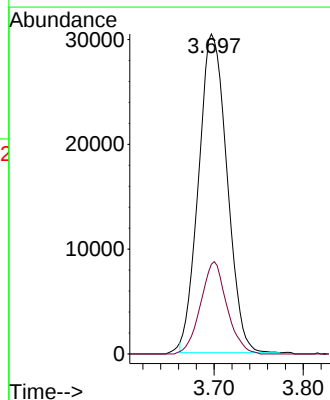
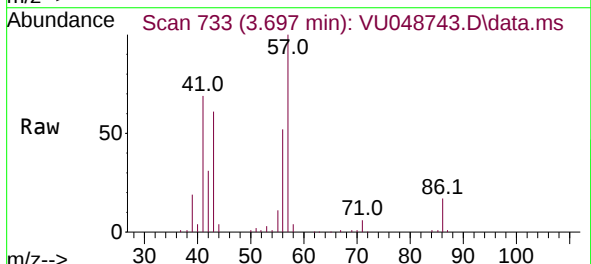
Instrument :
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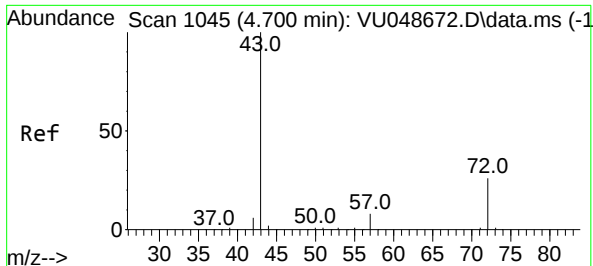
Tgt Ion: 84	Resp: 759
Ion Ratio	Lower Upper
84 100	
49 91.1	97.0 145.4#
51 42.2	29.8 44.8
86 63.8	50.9 76.3



#23
Vinyl Acetate
Concen: 8.752 ug/l
RT: 3.697 min Scan# 733
Delta R.T. -0.257 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 43	Resp: 67347
Ion Ratio	Lower Upper
43 100	
86 28.2	8.4 12.6#

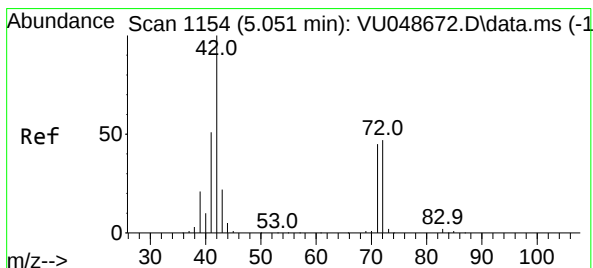
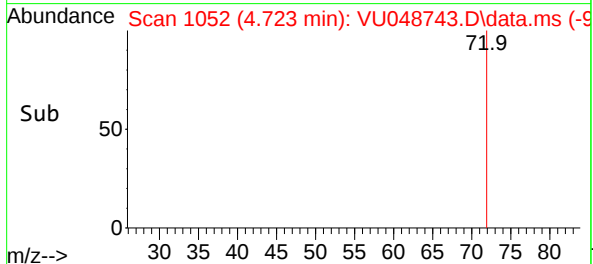
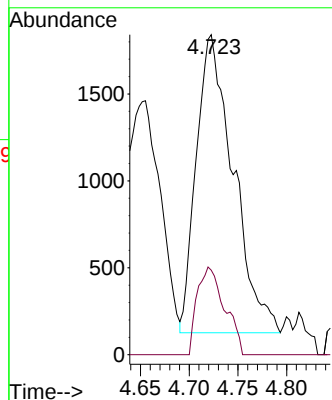
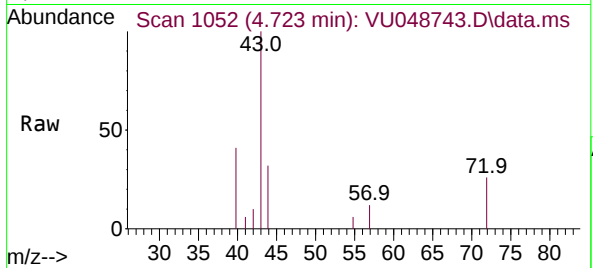




#25
2-Butanone
Concen: 1.682 ug/l
RT: 4.723 min Scan# 1180
Delta R.T. 0.022 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

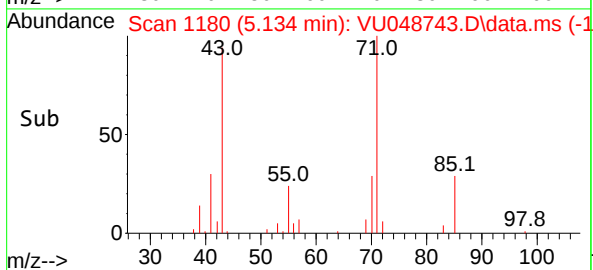
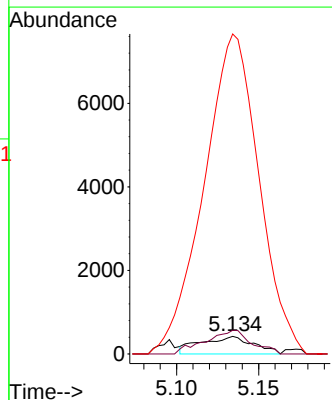
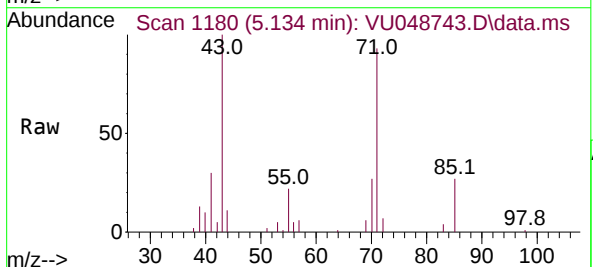
Instrument :
MSVOA_U
ClientSampleId :
HW-2

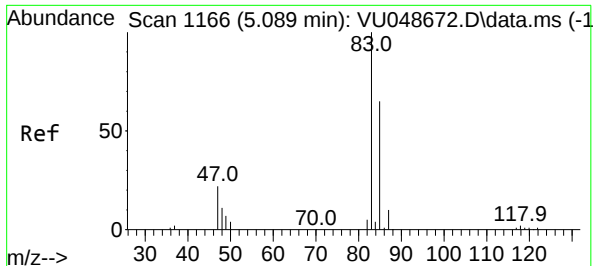
Tgt Ion: 43 Resp: 4518
Ion Ratio Lower Upper
43 100
72 28.3 21.1 31.7



#29
Tetrahydrofuran
Concen: 0.553 ug/l
RT: 5.134 min Scan# 1180
Delta R.T. 0.084 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 42 Resp: 936
Ion Ratio Lower Upper
42 100
72 117.7 37.6 56.4#
71 1907.7 35.0 52.4#





#30

Chloroform

Concen: 0.202 ug/l

RT: 5.128 min Scan# 1166

Delta R.T. 0.039 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

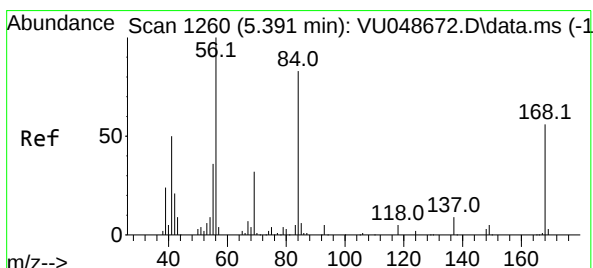
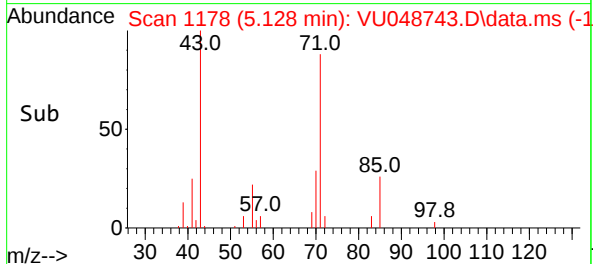
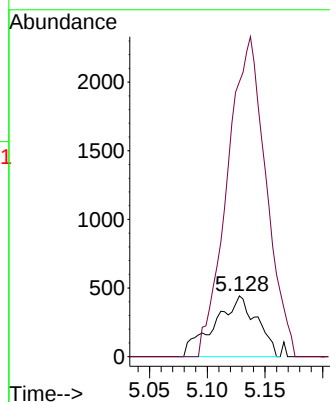
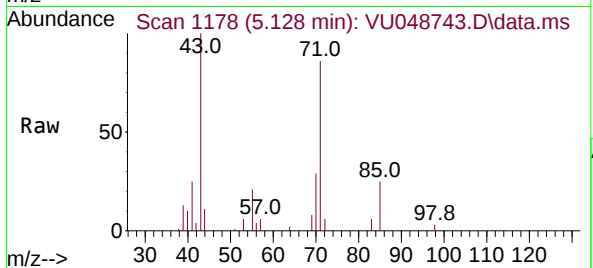
HW-2

Tgt Ion: 83 Resp: 1129

Ion Ratio Lower Upper

83 100

85 451.9 52.2 78.2#



#31

Cyclohexane

Concen: 15.256 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.022 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

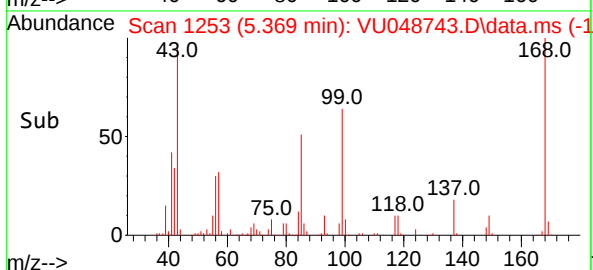
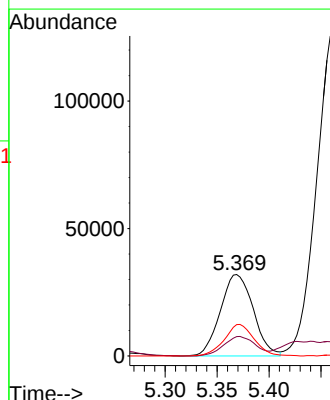
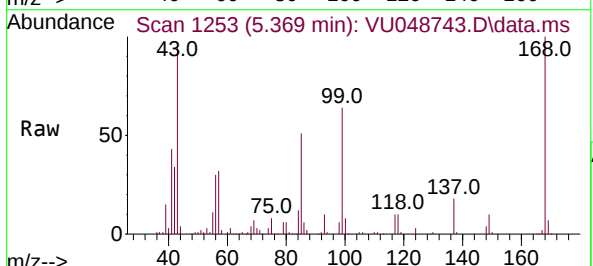
Tgt Ion: 56 Resp: 70521

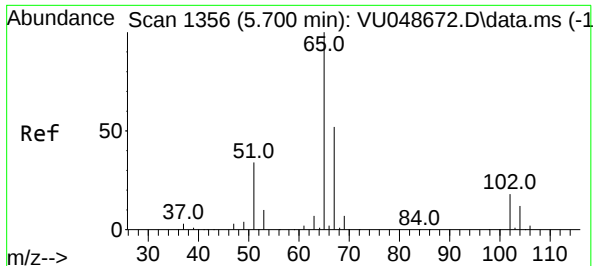
Ion Ratio Lower Upper

56 100

69 23.8 25.6 38.4#

84 38.6 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 48.691 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

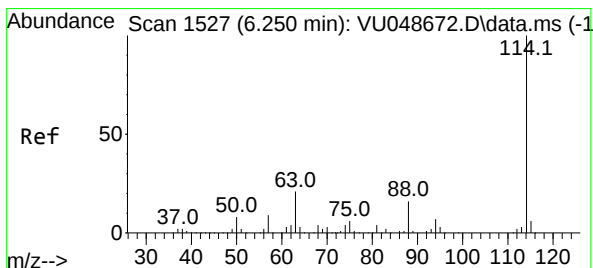
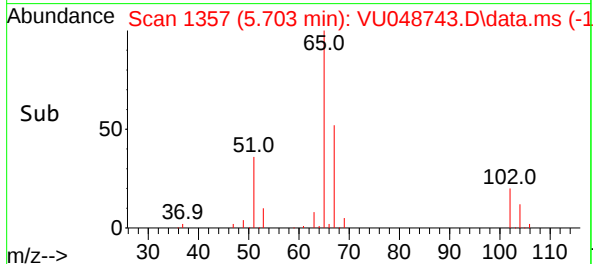
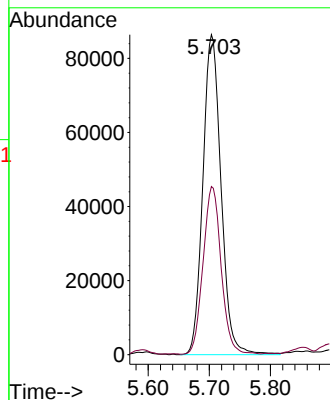
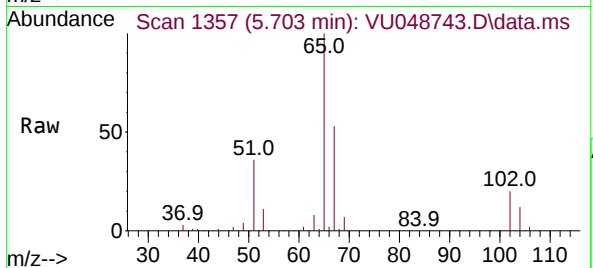
HW-2

Tgt Ion: 65 Resp: 178603

Ion Ratio Lower Upper

65 100

67 52.1 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: VU048743.D

Acq: 31 May 2022 17:07

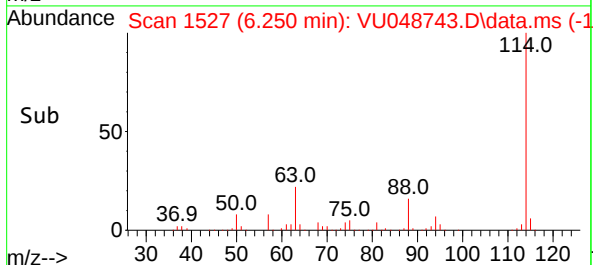
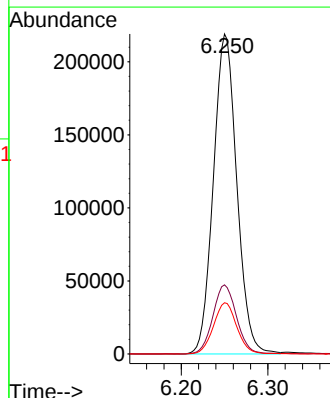
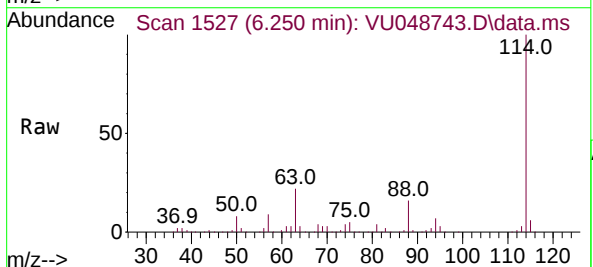
Tgt Ion: 114 Resp: 411726

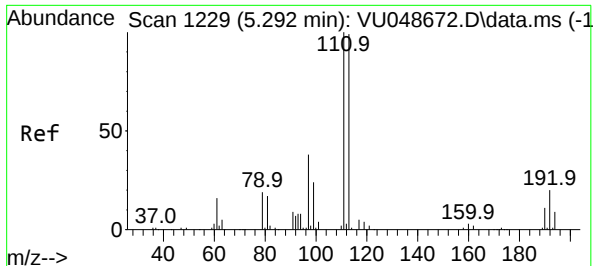
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.175 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

HW-2

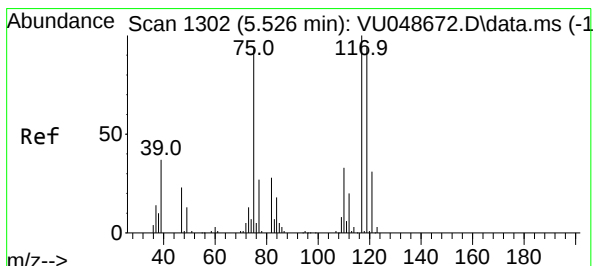
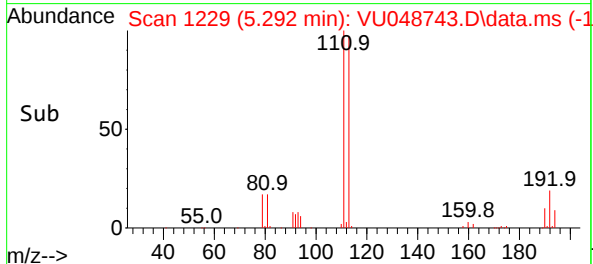
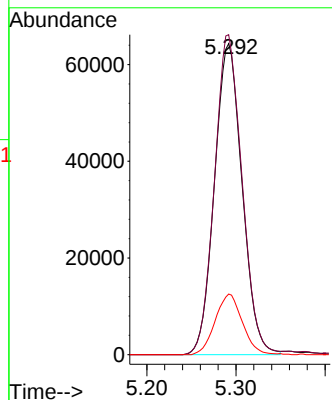
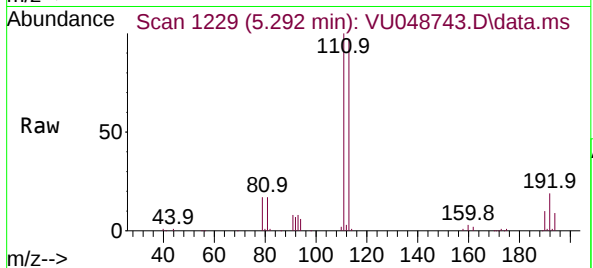
Tgt Ion:113 Resp: 138569

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

192 19.3 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.437 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

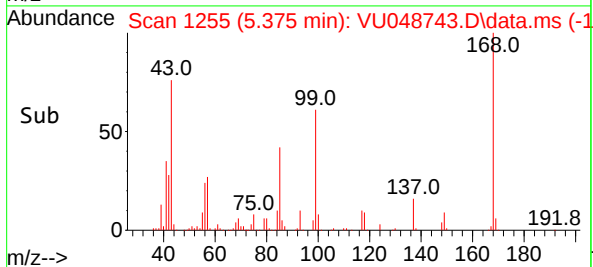
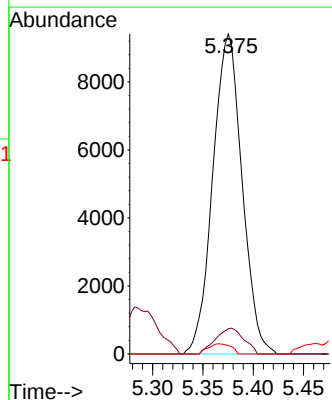
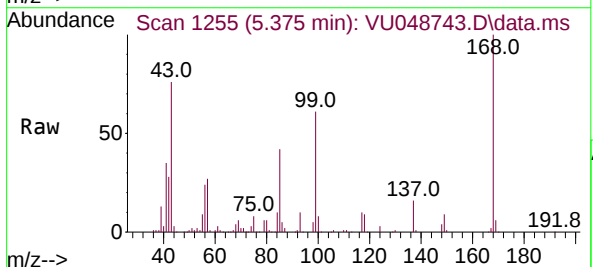
Tgt Ion: 75 Resp: 19023

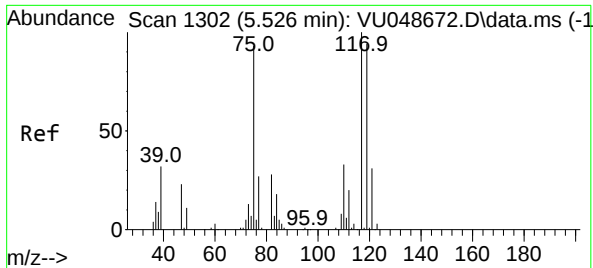
Ion Ratio Lower Upper

75 100

110 7.8 17.4 52.3#

77 2.5 24.8 37.2#

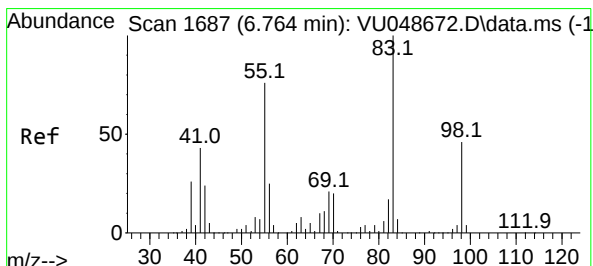
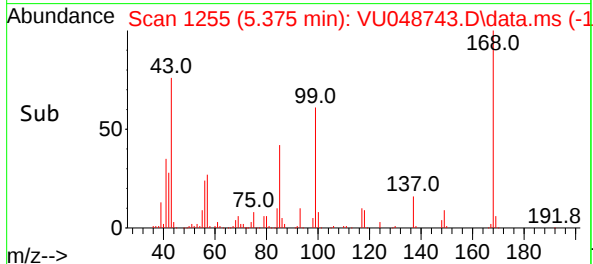
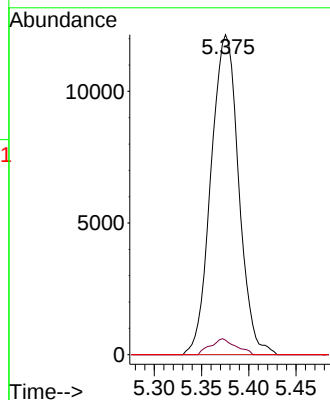
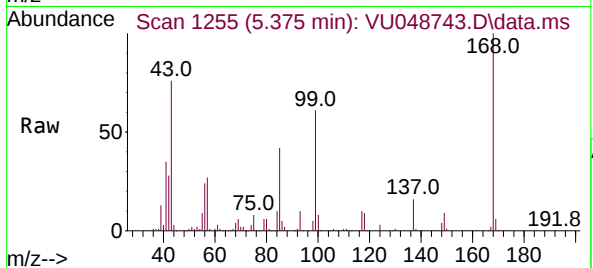




#38
Carbon Tetrachloride
Concen: 5.040 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

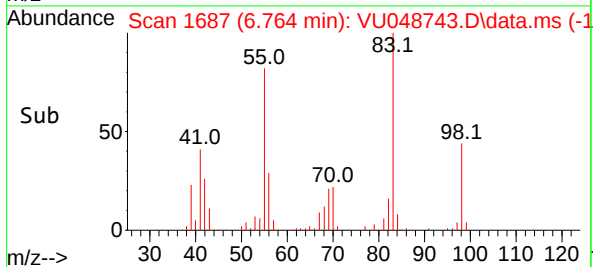
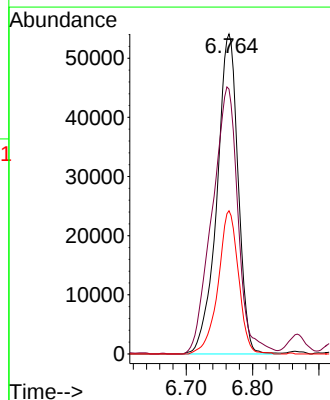
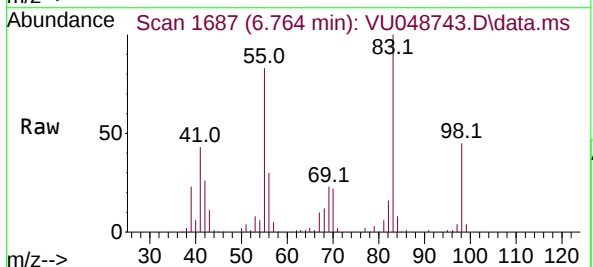
Instrument :
MSVOA_U
ClientSampleId :
HW-2

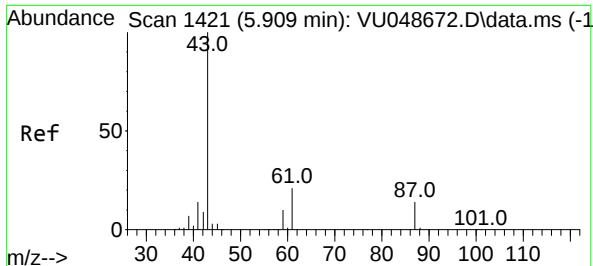
Tgt Ion:117 Resp: 24786
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 26.678 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 83 Resp: 119920
Ion Ratio Lower Upper
83 100
55 82.7 61.0 91.6
98 44.7 36.8 55.2

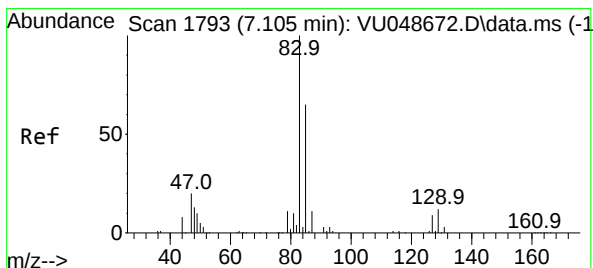
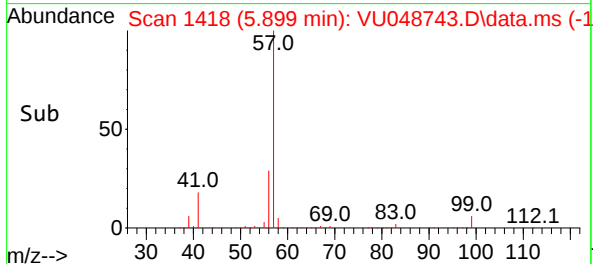
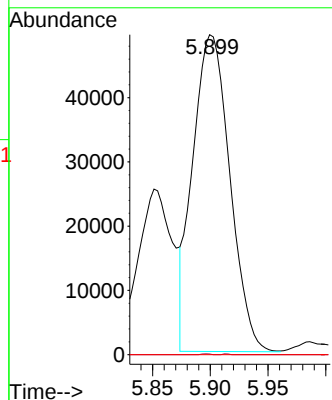
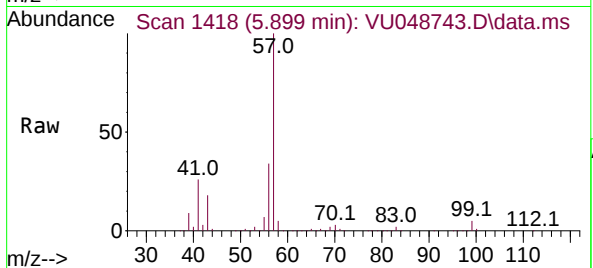




#43
Isopropyl Acetate
Concen: 13.974 ug/l
RT: 5.899 min Scan# 1418
Delta R.T. -0.010 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

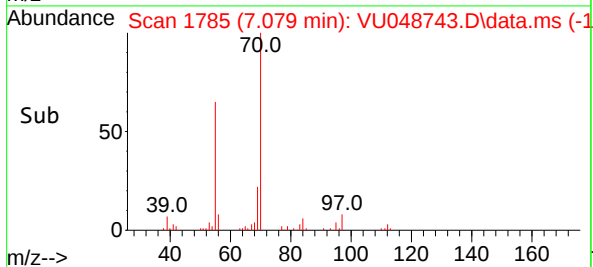
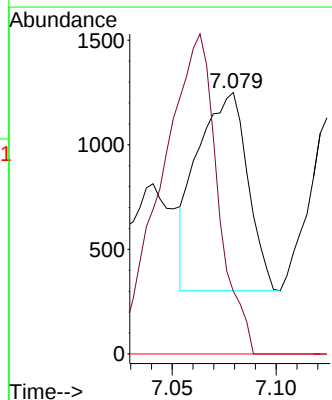
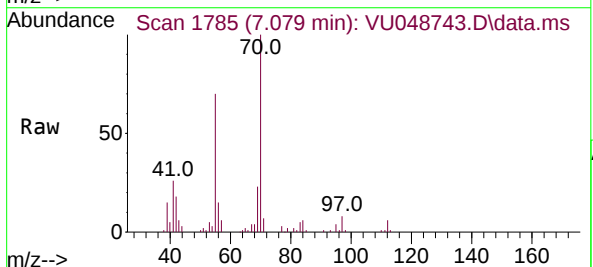
Instrument :
MSVOA_U
ClientSampleId :
HW-2

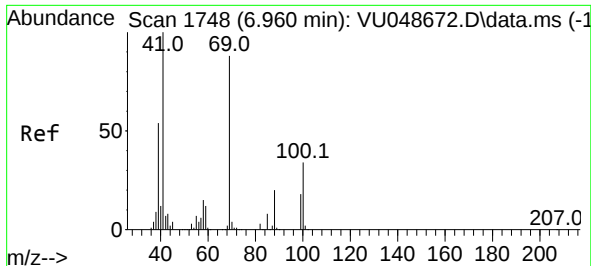
Tgt Ion: 43 Resp: 109917
Ion Ratio Lower Upper
43 100
61 0.0 16.7 25.1#
87 0.0 10.9 16.3#



#47
Bromodichloromethane
Concen: 0.330 ug/l
RT: 7.079 min Scan# 1785
Delta R.T. -0.026 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 83 Resp: 1588
Ion Ratio Lower Upper
83 100
85 31.6 52.1 78.1#
127 0.0 6.9 10.3#





#48

Methyl methacrylate

Concen: 5.933 ug/l

RT: 6.983 min Scan# 1

Delta R.T. 0.023 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

HW-2

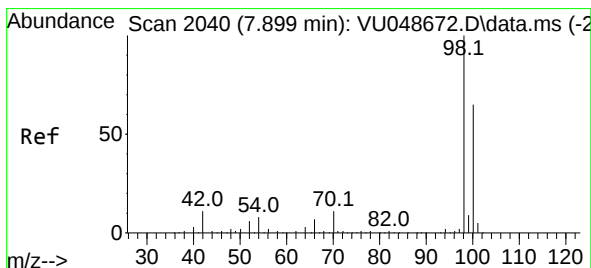
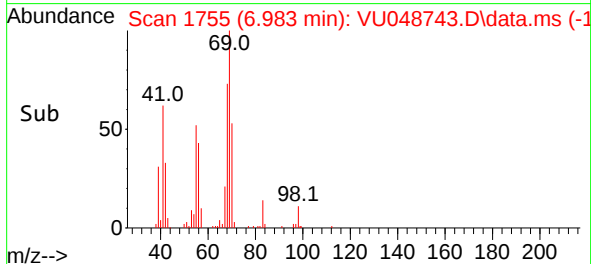
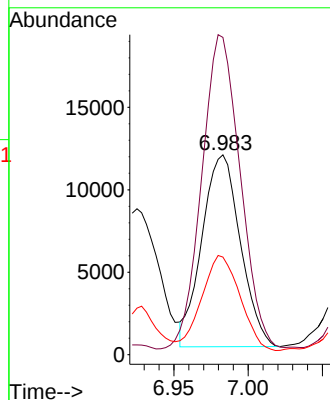
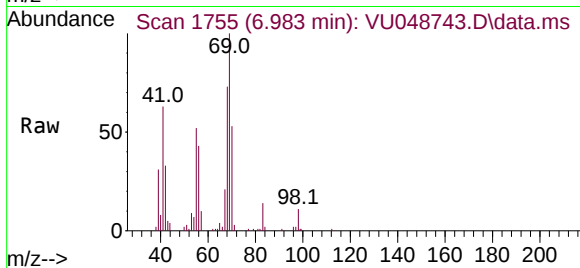
Tgt Ion: 41 Resp: 20951

Ion Ratio Lower Upper

41 100

69 164.4 70.7 106.1#

39 49.5 43.4 65.2



#50

Toluene-d8

Concen: 47.226 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048743.D

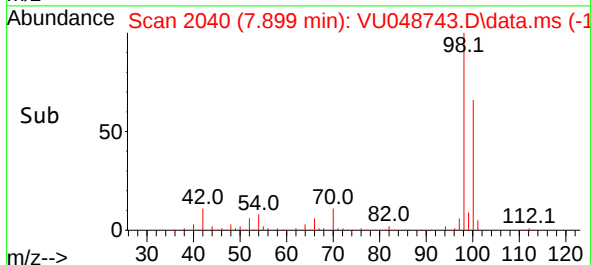
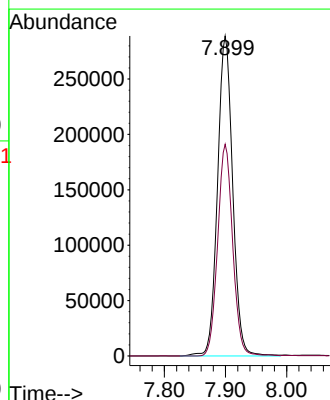
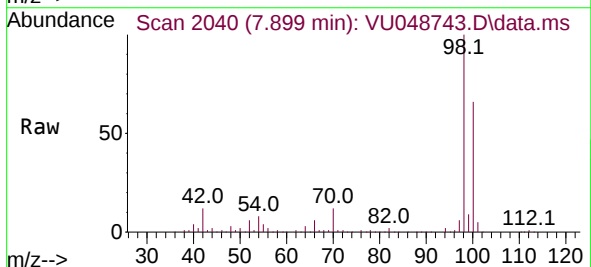
Acq: 31 May 2022 17:07

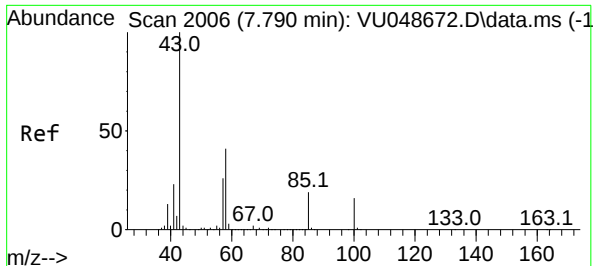
Tgt Ion: 98 Resp: 497257

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.338 ug/l

RT: 7.767 min Scan# 1999

Delta R.T. -0.022 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

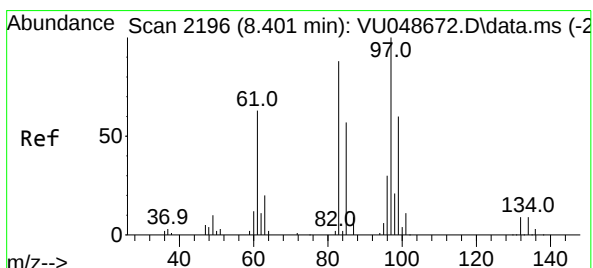
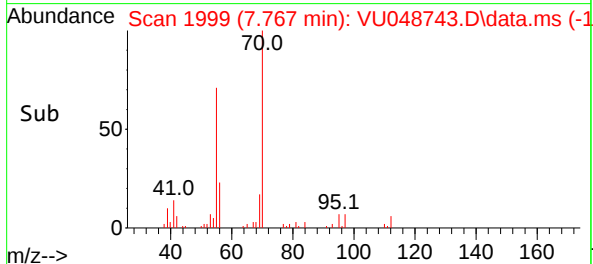
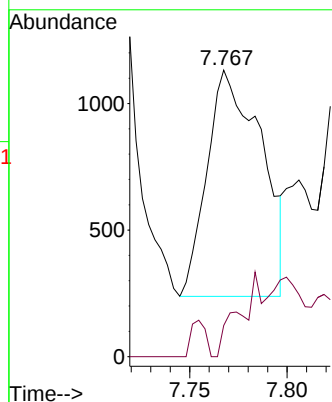
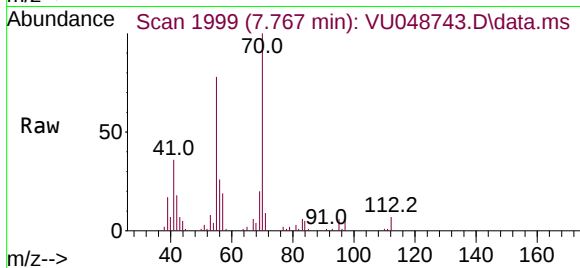
HW-2

Tgt Ion: 43 Resp: 1727

Ion Ratio Lower Upper

43 100

58 17.4 32.7 49.1#



#55

1,1,2-Trichloroethane

Concen: 17.227 ug/l

RT: 8.369 min Scan# 2186

Delta R.T. -0.032 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Tgt Ion: 97 Resp: 57557

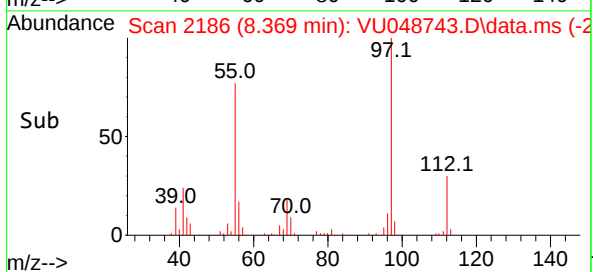
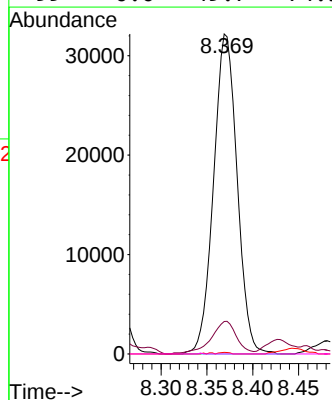
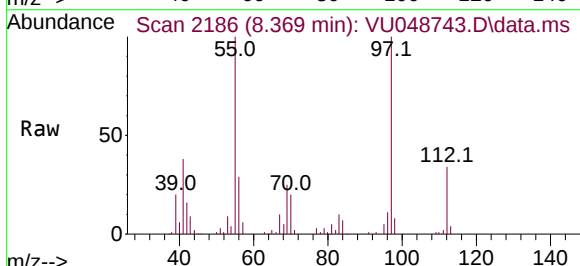
Ion Ratio Lower Upper

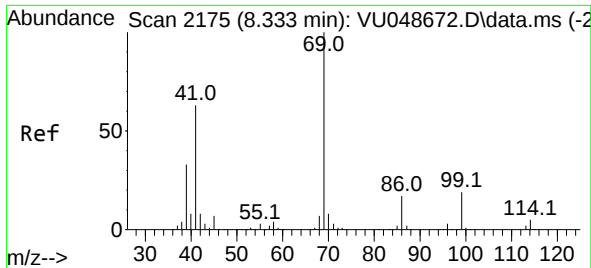
97 100

83 9.8 70.2 105.4#

85 0.5 45.6 68.4#

99 0.0 49.7 74.5#

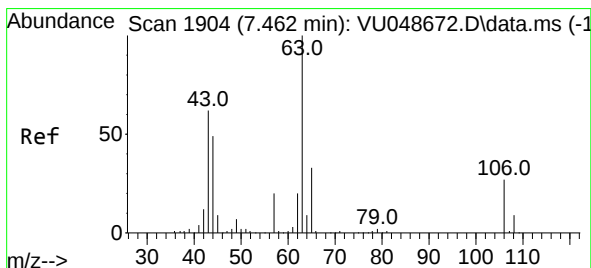
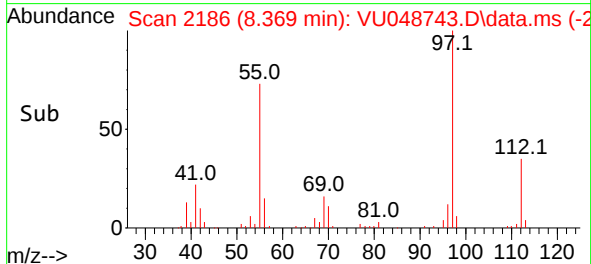
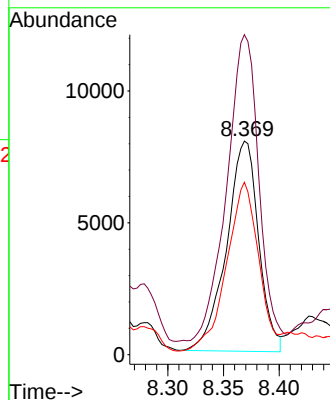
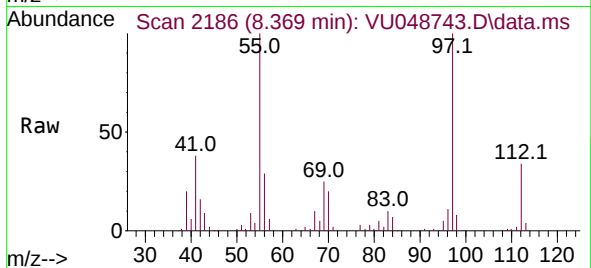




#56
Ethyl methacrylate
Concen: 5.487 ug/l
RT: 8.369 min Scan# 2175
Delta R.T. 0.036 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

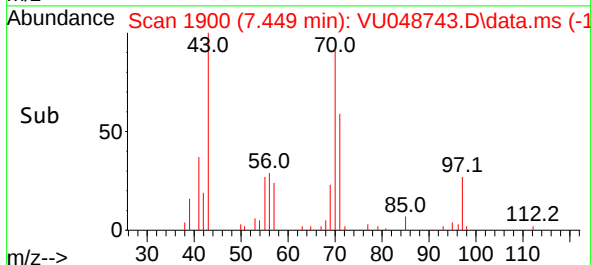
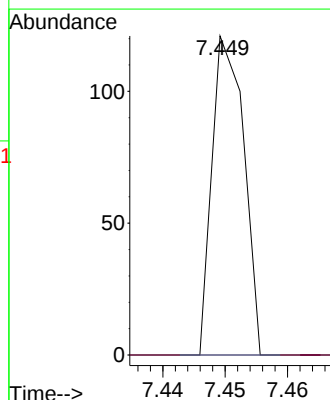
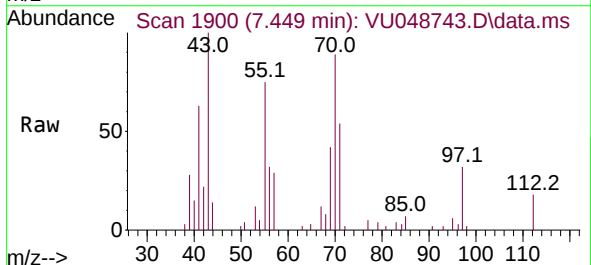
Instrument :
MSVOA_U
ClientSampleId :
HW-2

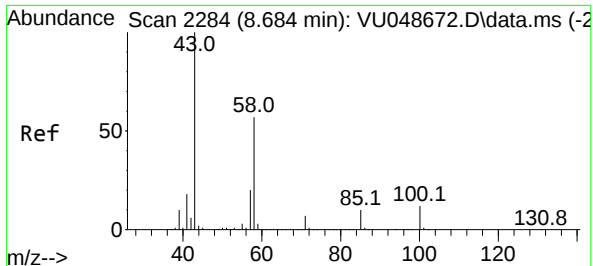
Tgt Ion: 69 Resp: 16011
Ion Ratio Lower Upper
69 100
41 143.7 50.6 76.0#
39 79.9 26.6 40.0#



#58
2-Chloroethyl Vinyl ether
Concen: 29.789 ug/l
RT: 7.449 min Scan# 1900
Delta R.T. -0.013 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 63 Resp: 43
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#

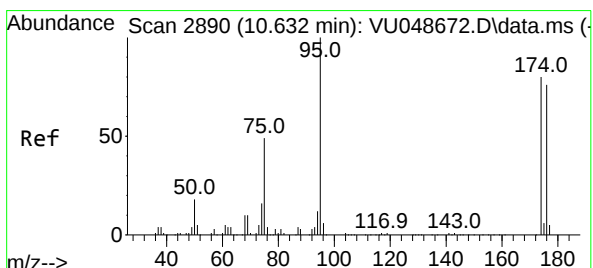
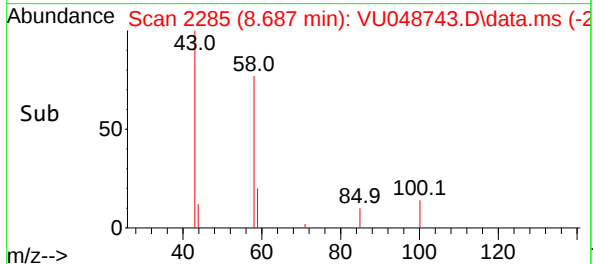
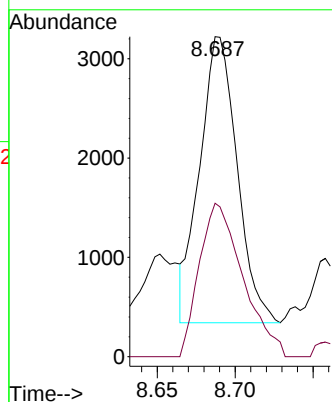
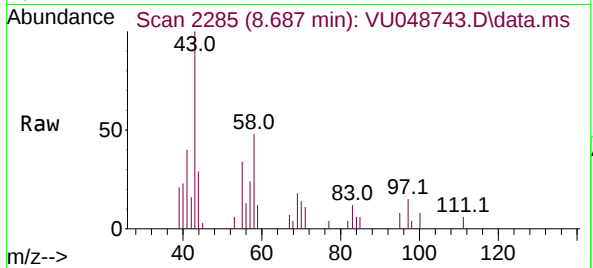




#59
2-Hexanone
Concen: 1.147 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

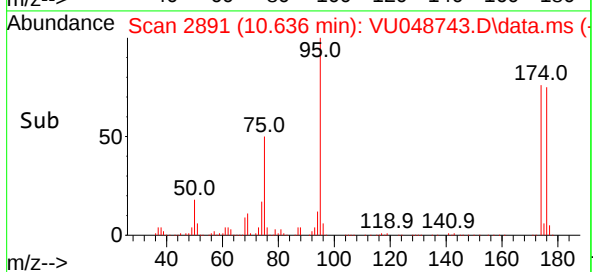
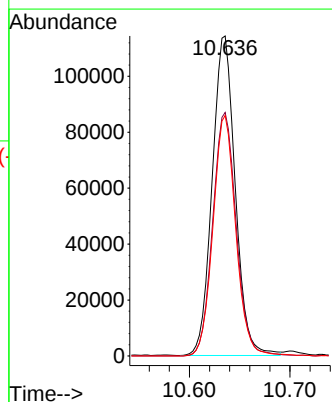
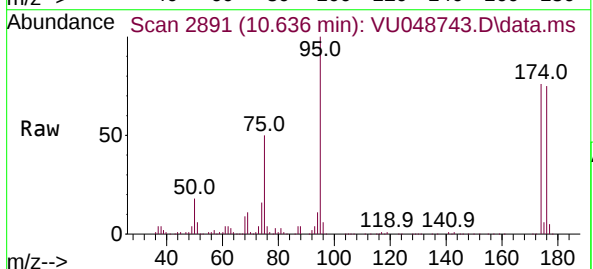
Instrument :
MSVOA_U
ClientSampleId :
HW-2

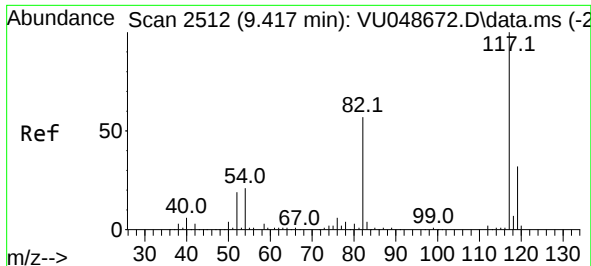
Tgt Ion: 43 Resp: 4810
Ion Ratio Lower Upper
43 100
58 62.2 28.2 84.6



#62
4-Bromofluorobenzene
Concen: 45.779 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 95 Resp: 182295
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.4
176 74.6 0.0 152.4

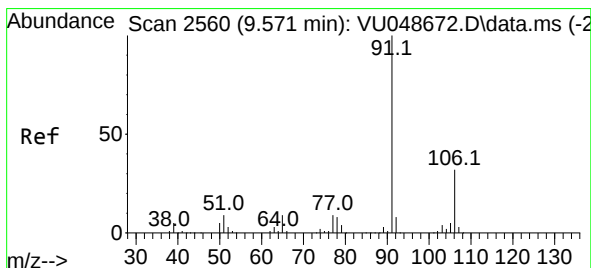
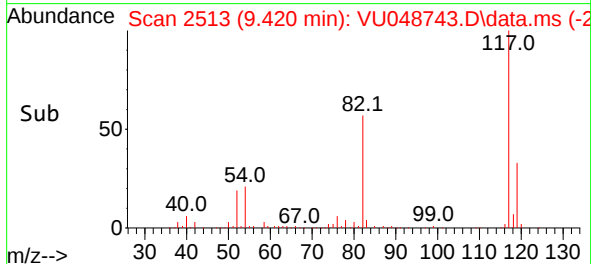
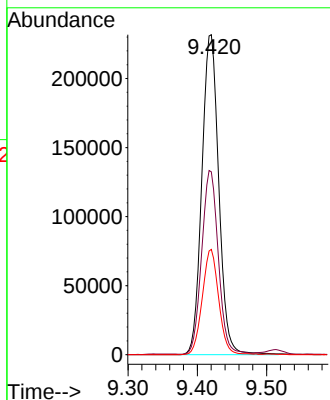
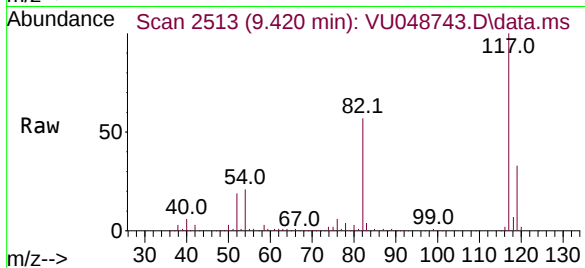




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

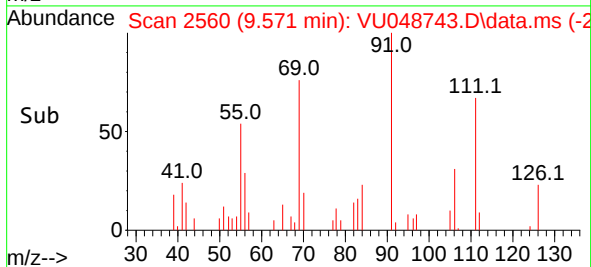
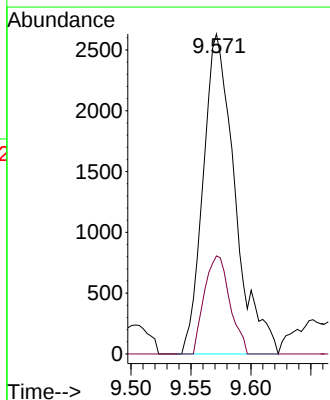
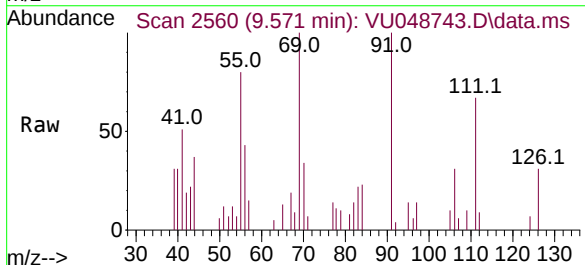
Instrument :
MSVOA_U
ClientSampleId :
HW-2

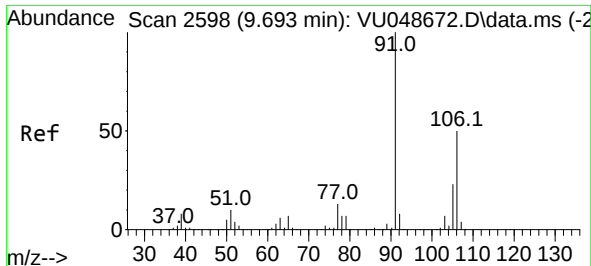
Tgt Ion:117 Resp: 392487
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.9 25.4 38.2



#67
Ethyl Benzene
Concen: 0.346 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 91 Resp: 4842
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2

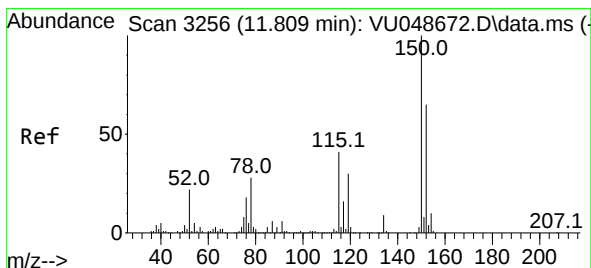
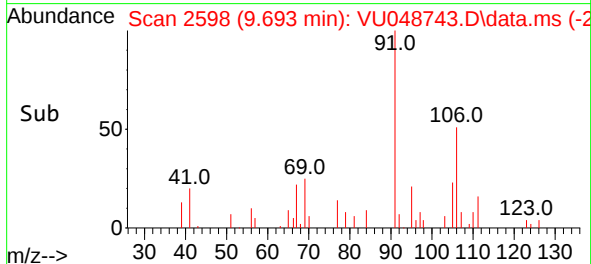
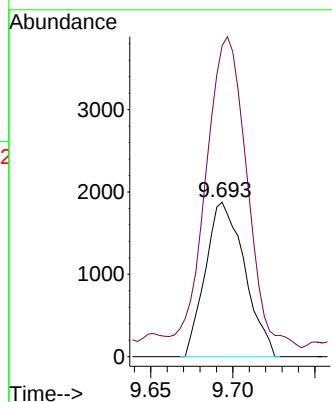
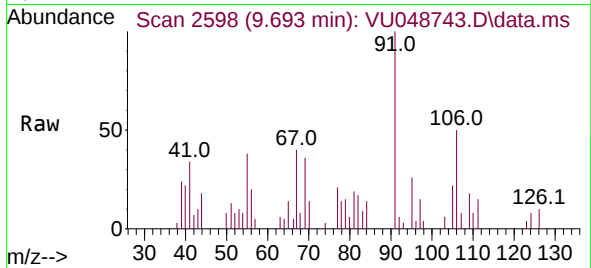




#68
m/p-Xylenes
Concen: 0.567 ug/l
RT: 9.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

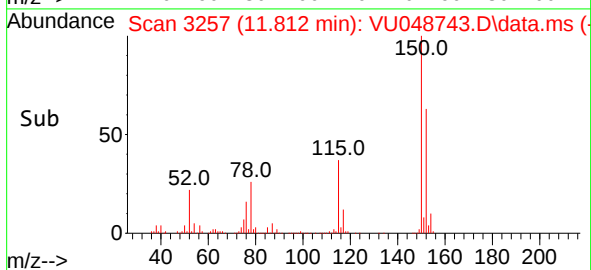
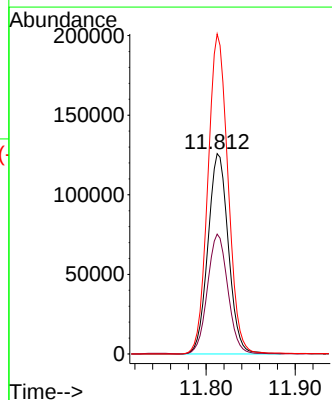
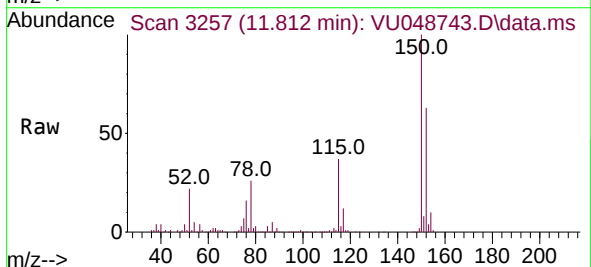
Instrument :
MSVOA_U
ClientSampleId :
HW-2

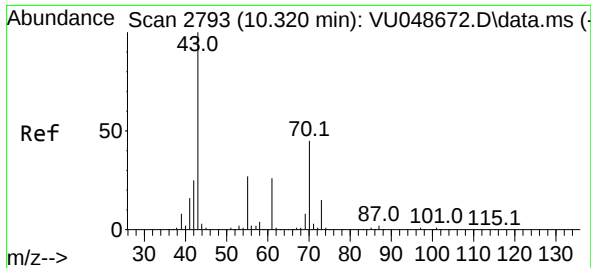
Tgt Ion:106 Resp: 3105
Ion Ratio Lower Upper
106 100
91 212.7 162.4 243.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion:152 Resp: 200316
Ion Ratio Lower Upper
152 100
115 59.8 41.8 125.4
150 157.4 0.0 341.0

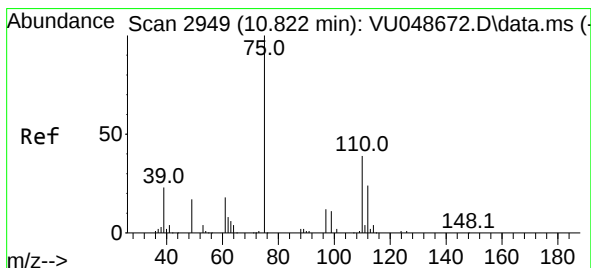
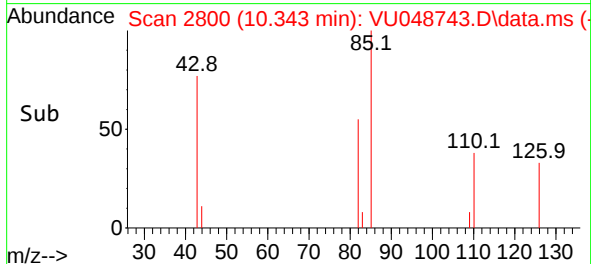
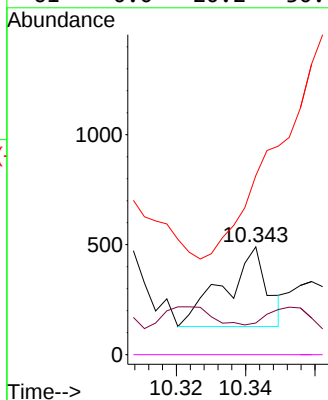
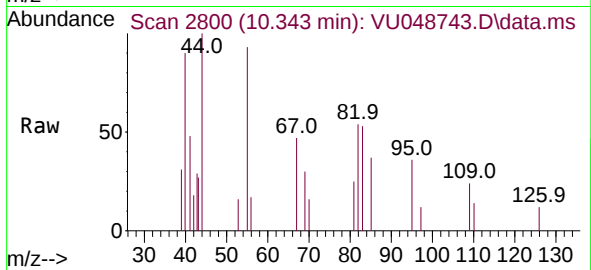




#74
N-amy1 acetate
Concen: 2.512 ug/l
RT: 10.343 min Scan# 2800
Delta R.T. 0.023 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

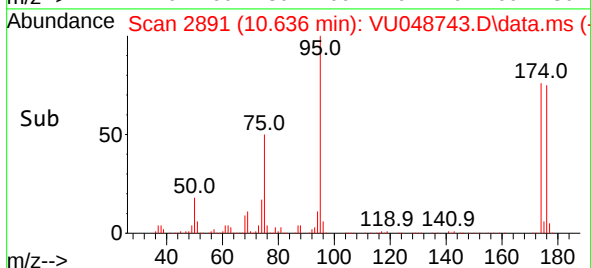
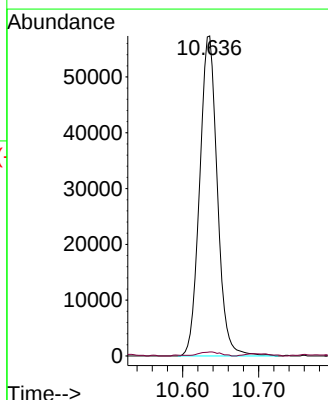
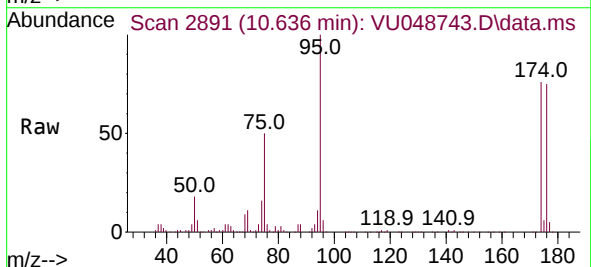
Instrument :
MSVOA_U
ClientSampleId :
HW-2

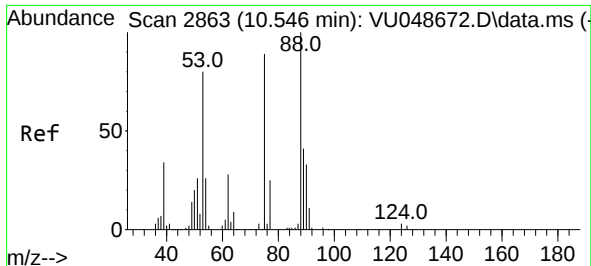
Tgt Ion: 43	Resp: 312
Ion Ratio	Lower Upper
43 100	
70 76.9	35.8 53.6#
55 0.0	21.1 31.7#
61 0.0	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 14.340 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.186 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 75	Resp: 92618
Ion Ratio	Lower Upper
75 100	
77 1.5	14.8 44.3#

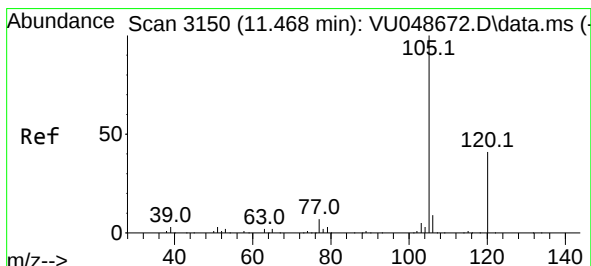
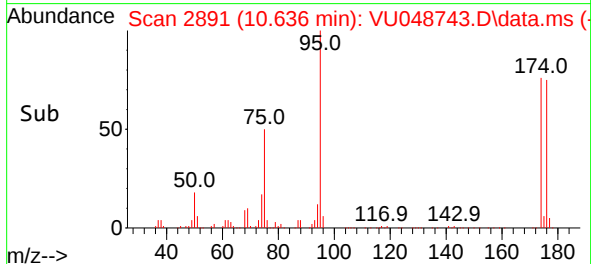
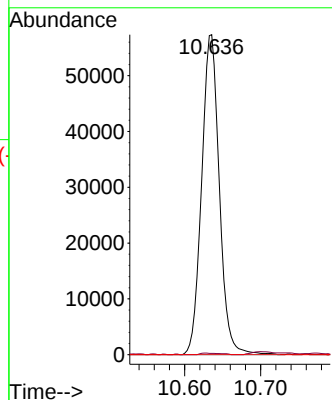
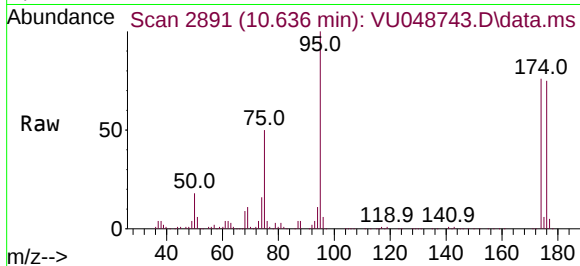




#81
trans-1,4-Dichloro-2-butene
Concen: 52.067 ug/l
RT: 10.636 min Scan# 2863
Delta R.T. 0.090 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

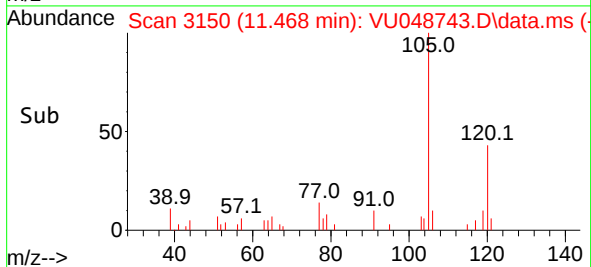
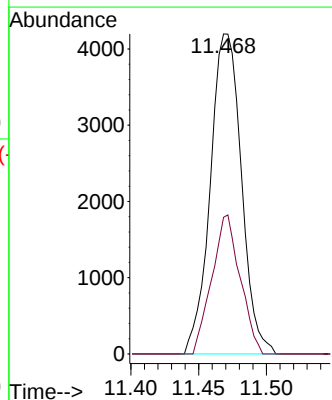
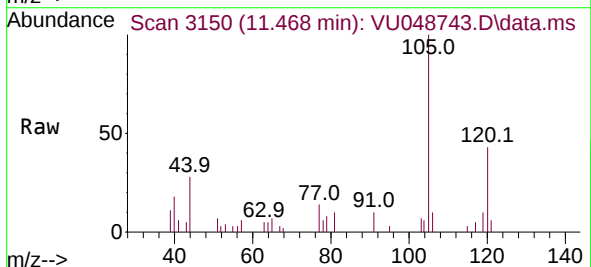
Instrument :
MSVOA_U
ClientSampleId :
HW-2

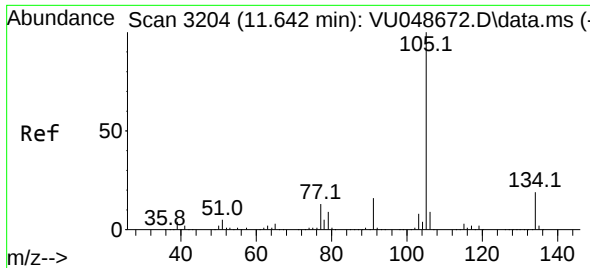
Tgt Ion: 75 Resp: 92618
Ion Ratio Lower Upper
75 100
53 0.6 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.727 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 105 Resp: 6699
Ion Ratio Lower Upper
105 100
120 39.5 22.5 67.5

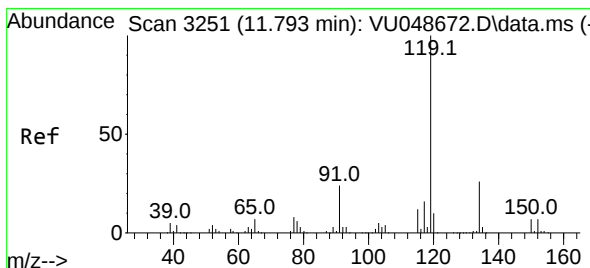
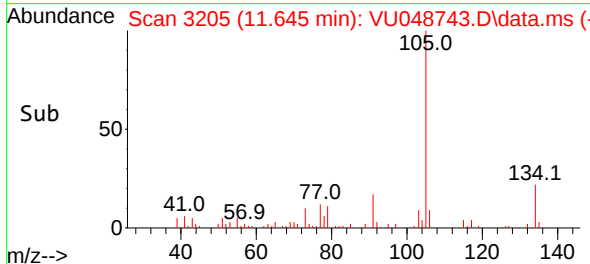
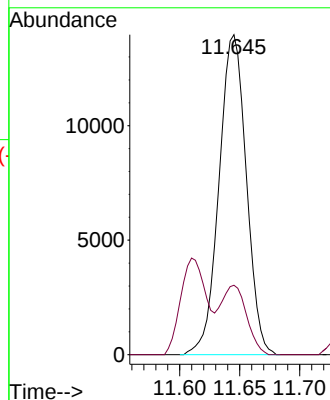
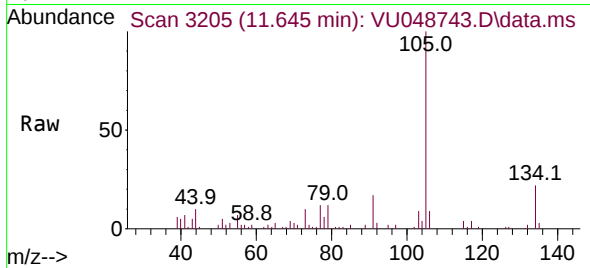




#85
 sec-Butylbenzene
 Concen: 1.635 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048743.D
 Acq: 31 May 2022 17:07

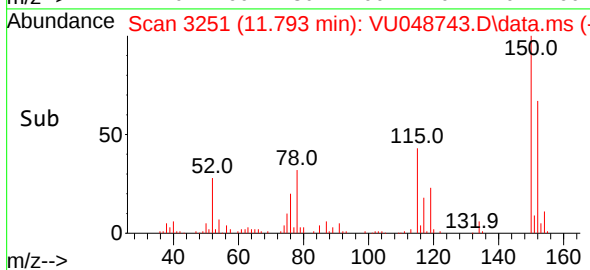
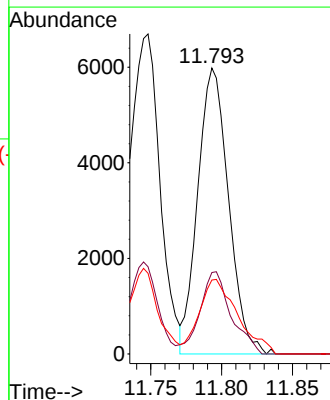
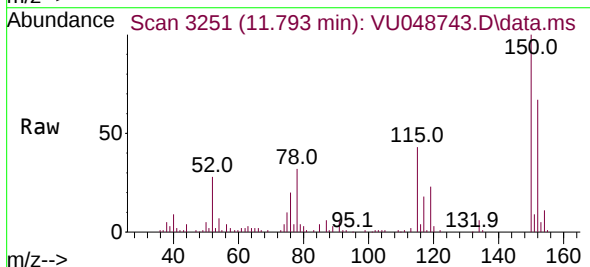
Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

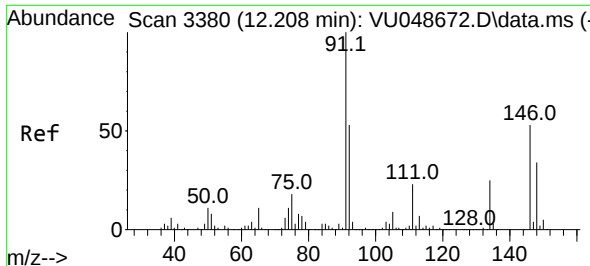
Tgt Ion:105 Resp: 22076
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 0.780 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048743.D
 Acq: 31 May 2022 17:07

Tgt Ion:119 Resp: 9041
 Ion Ratio Lower Upper
 119 100
 134 29.0 12.8 38.4
 91 32.7 12.0 36.0





#89

n-Butylbenzene

Concen: 11.073 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

HW-2

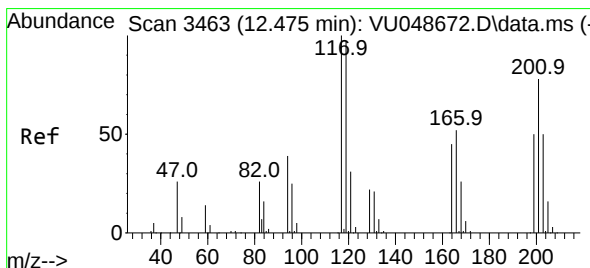
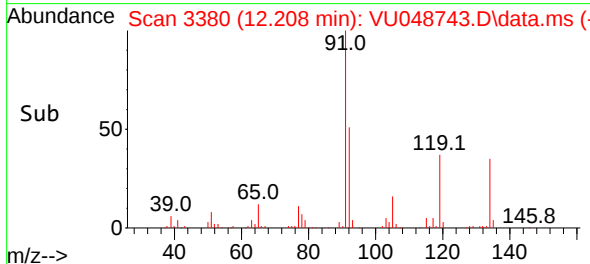
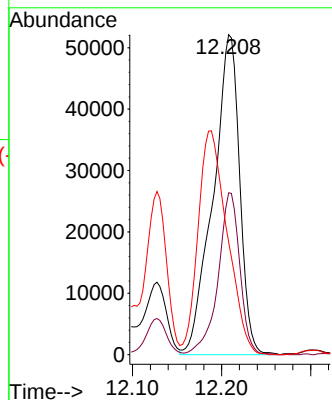
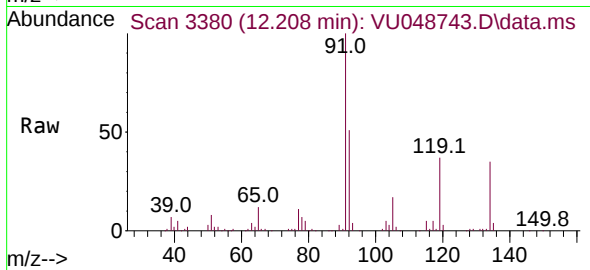
Tgt Ion: 91 Resp: 107878

Ion Ratio Lower Upper

91 100

92 41.7 25.9 77.8

134 76.7 12.5 37.5#



#90

Hexachloroethane

Concen: 1.193 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.006 min

Lab File: VU048743.D

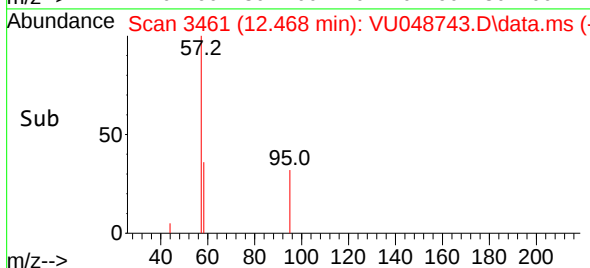
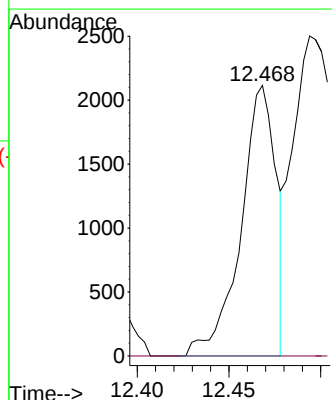
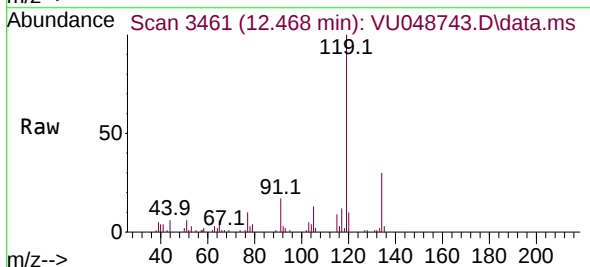
Acq: 31 May 2022 17:07

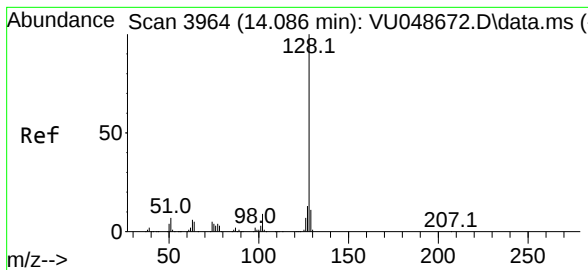
Tgt Ion: 117 Resp: 2824

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#





#95
 Naphthalene
 Concen: 4.285 ug/l
 RT: 14.089 min Scan# 3965
 Delta R.T. 0.003 min
 Lab File: VU048743.D
 Acq: 31 May 2022 17:07

Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

Tgt Ion:	128	Resp:	29098
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	8.2	8.7	13.1#

