

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045592.D
 Acq On : 06 Nov 2021 04:48
 Operator : SY/MD
 Sample : M4504-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW8-MW01D3-20211103

Quant Time: Nov 06 21:53:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

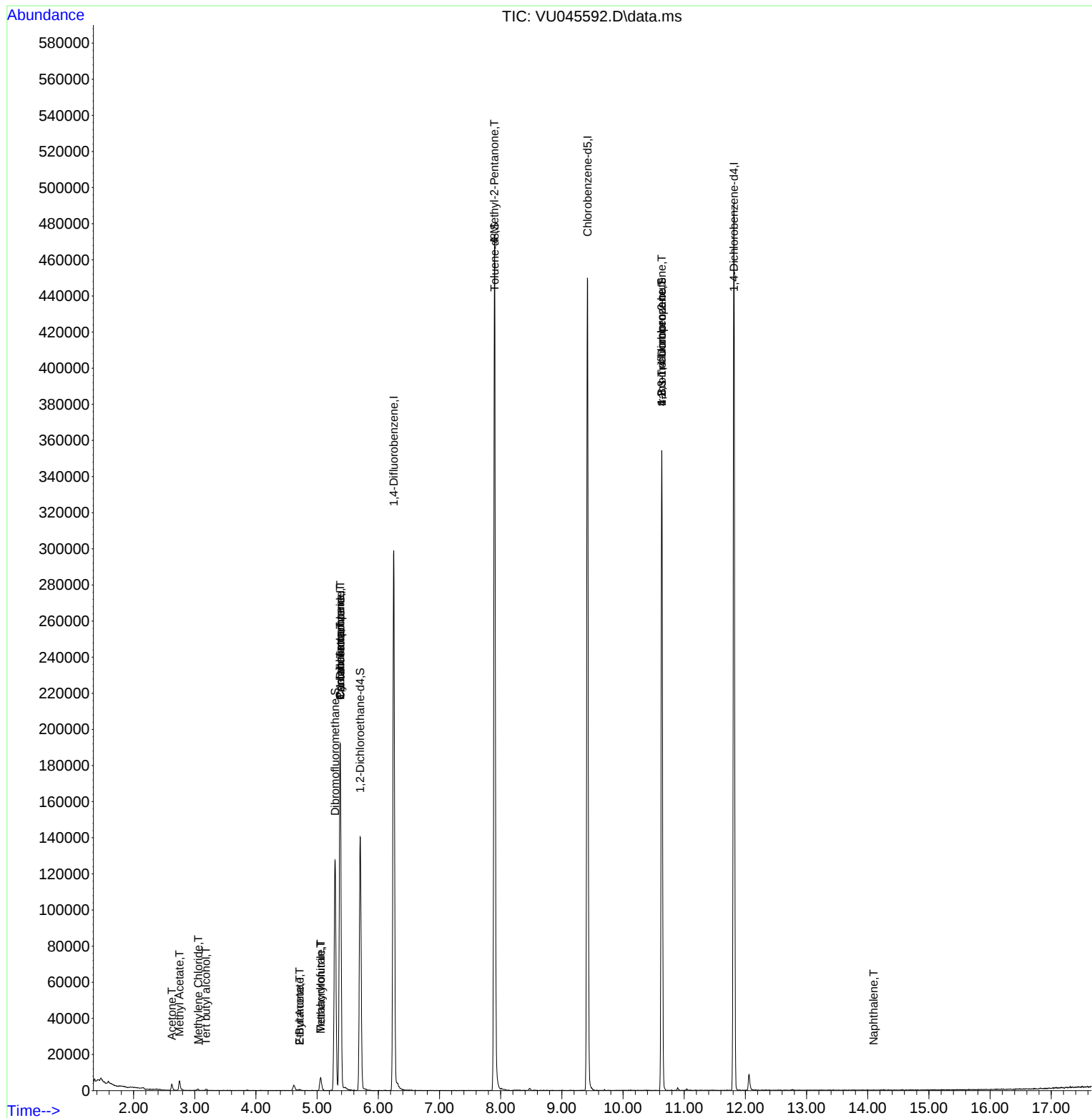
Internal Standards						
1) Pentafluorobenzene	5.378	168	125098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	239733	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	243331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	119141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	105227	56.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.340%	
35) Dibromofluoromethane	5.292	113	81217	50.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	7.899	98	314390	52.824	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	10.632	95	117992	49.439	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.182	59	491	1.324	ug/l #	72
16) Acetone	2.623	43	3849	4.036	ug/l #	86
18) Methyl Acetate	2.752	43	1429	0.440	ug/l #	50
20) Methylene Chloride	3.057	84	405	0.244	ug/l #	78
25) 2-Butanone	4.713	43	978	0.739	ug/l #	47
29) Tetrahydrofuran	5.057	42	4836	5.977	ug/l	98
31) Cyclohexane	5.375	56	2964	1.084	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	11325	4.845	ug/l #	49
37) Ethyl Acetate	4.713	43	978	0.364	ug/l #	67
38) Carbon Tetrachloride	5.378	117	13405	5.688	ug/l #	16
41) Methacrylonitrile	5.060	41	2747	1.936	ug/l #	45
51) 4-Methyl-2-Pentanone	7.896	43	1175	0.434	ug/l #	1
76) 1,2,3-Trichloropropane	10.632	75	63278	17.514	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	63278	56.933	ug/l #	12
95) Naphthalene	14.098	128	173	1.046	ug/l #	69

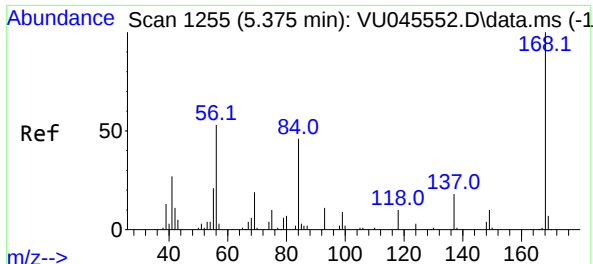
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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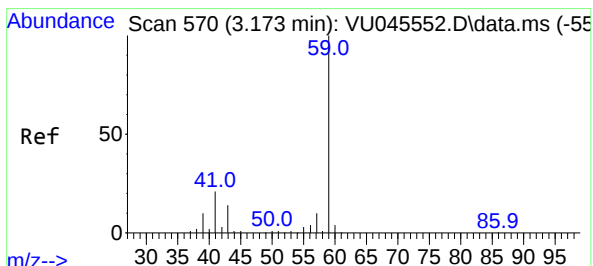
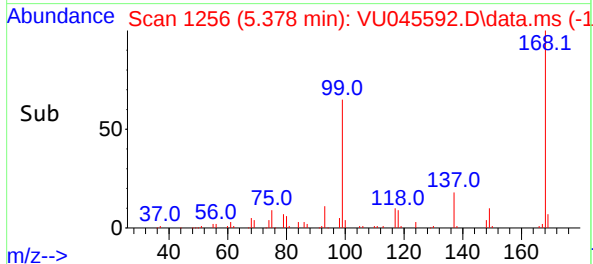
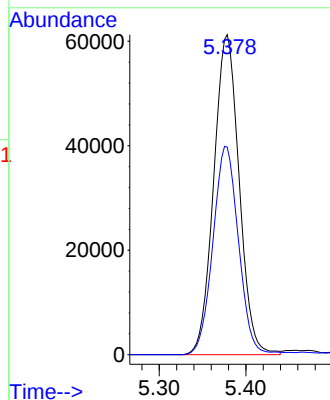
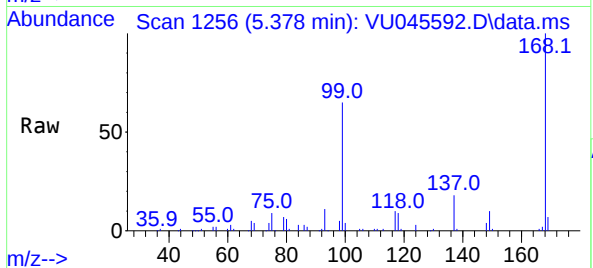




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

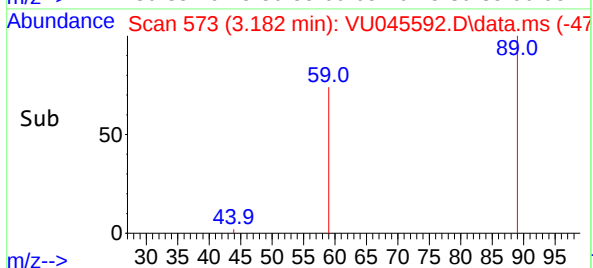
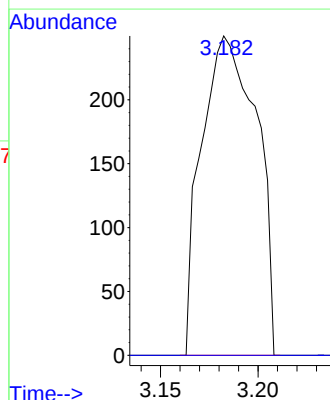
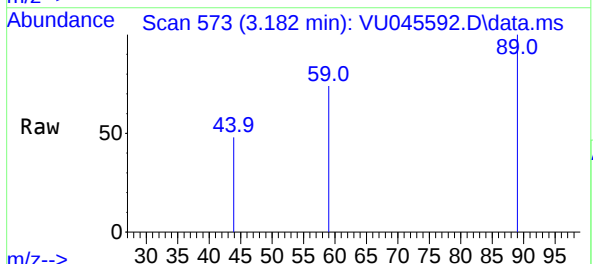
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D3-20211103

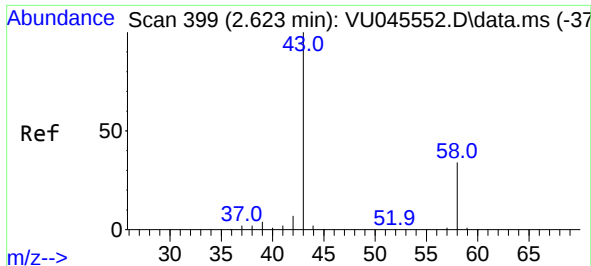
Tgt Ion:168 Resp: 125098
Ion Ratio Lower Upper
168 100
99 64.9 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.324 ug/l
RT: 3.182 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

Tgt Ion: 59 Resp: 491
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 4.036 ug/l

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU045592.D

Acq: 06 Nov 2021 04:48

Instrument :

MSVOA_U

ClientSampleId :

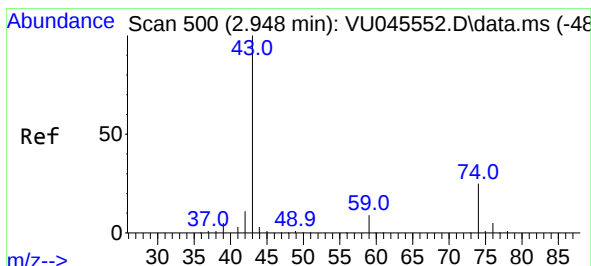
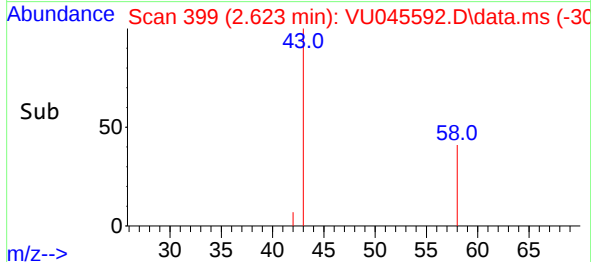
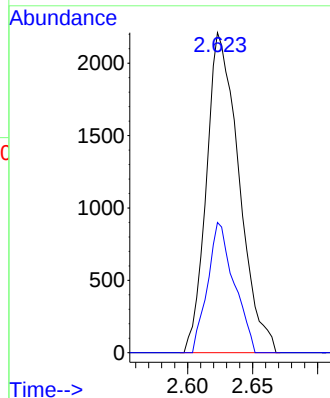
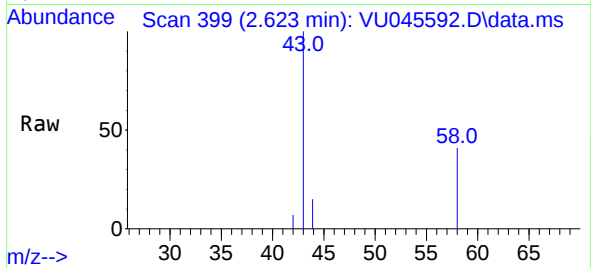
RW8-MW01D3-20211103

Tgt Ion: 43 Resp: 3849

Ion Ratio Lower Upper

43 100

58 40.7 26.2 39.2#



#18

Methyl Acetate

Concen: 0.440 ug/l

RT: 2.752 min Scan# 439

Delta R.T. -0.196 min

Lab File: VU045592.D

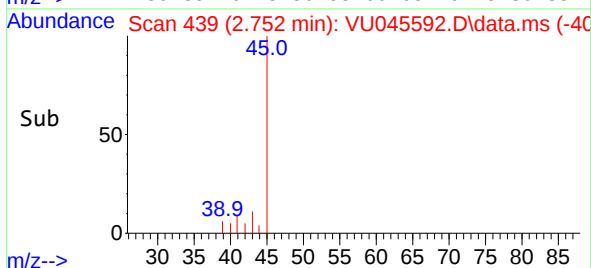
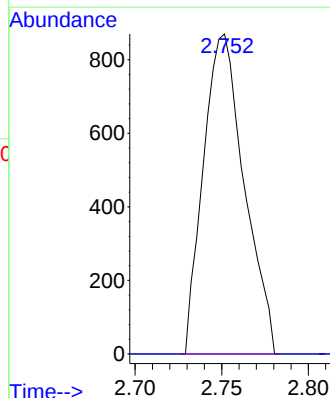
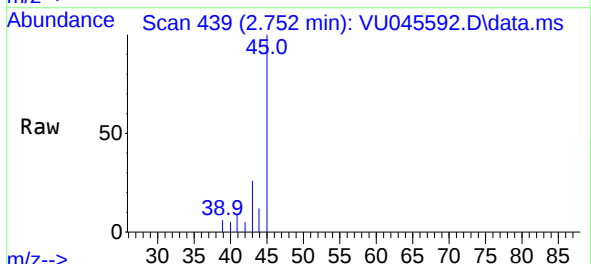
Acq: 06 Nov 2021 04:48

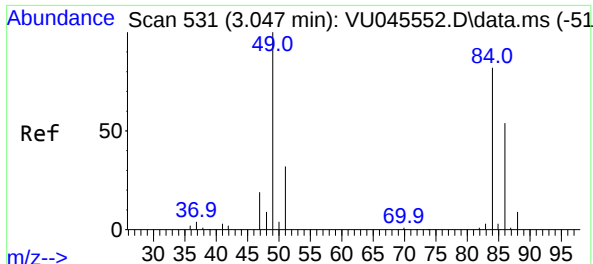
Tgt Ion: 43 Resp: 1429

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



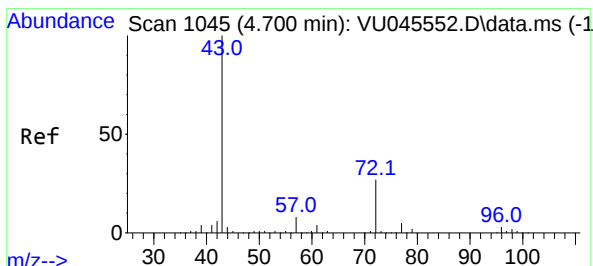
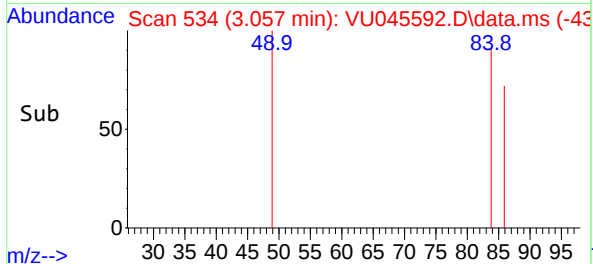
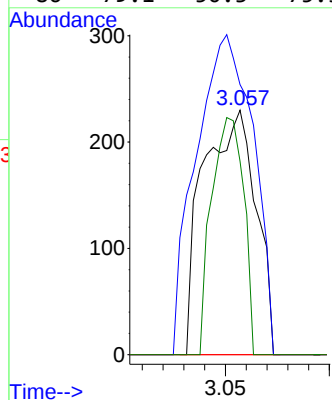
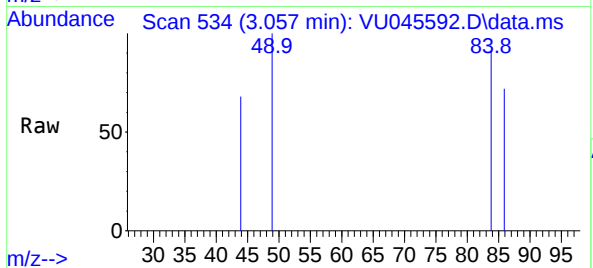


#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 3.057 min Scan# 51
Delta R.T. 0.010 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D3-20211103

Tgt Ion: 84 Resp: 405

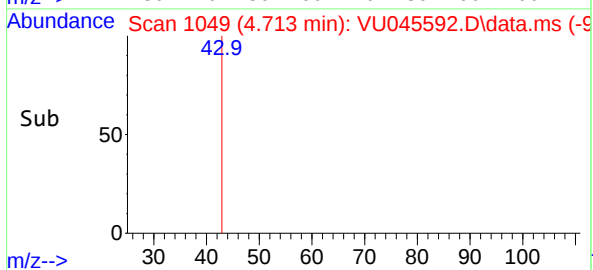
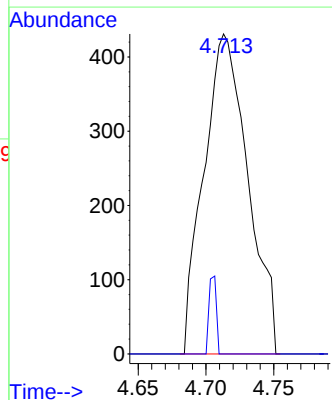
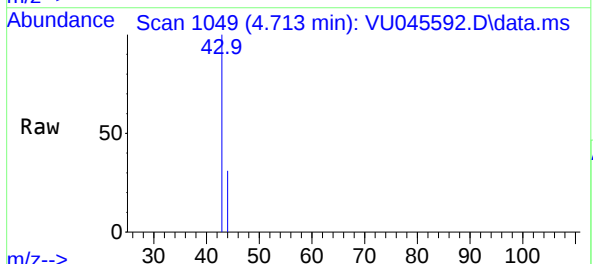
Ion	Ratio	Lower	Upper
84	100		
49	110.4	96.4	144.6
51	0.0	30.5	45.7#
86	79.1	50.3	75.5#

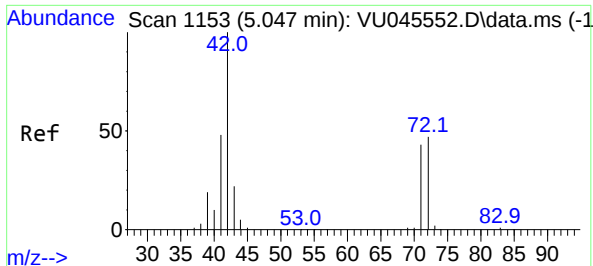


#25
2-Butanone
Concen: 0.739 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

Tgt Ion: 43 Resp: 978

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#





#29

Tetrahydrofuran

Concen: 5.977 ug/l

RT: 5.057 min Scan# 1153

Delta R.T. 0.010 min

Lab File: VU045592.D

Acq: 06 Nov 2021 04:48

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D3-20211103

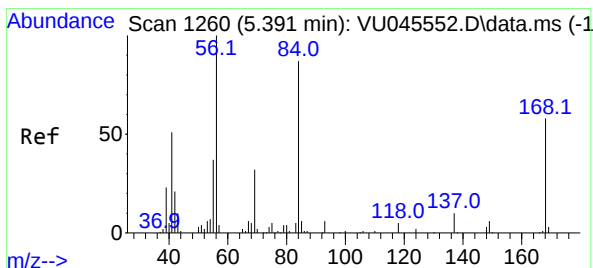
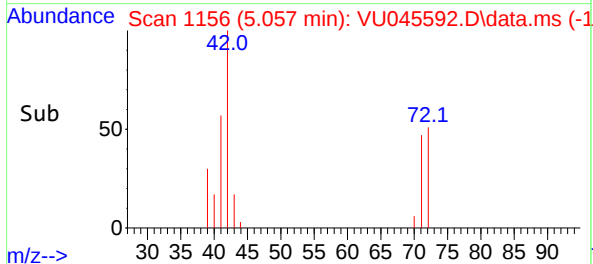
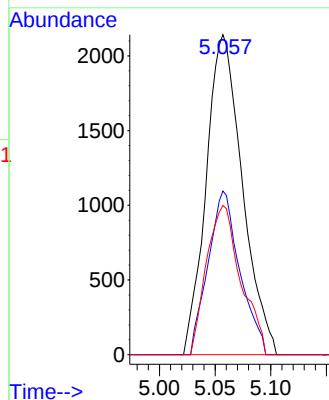
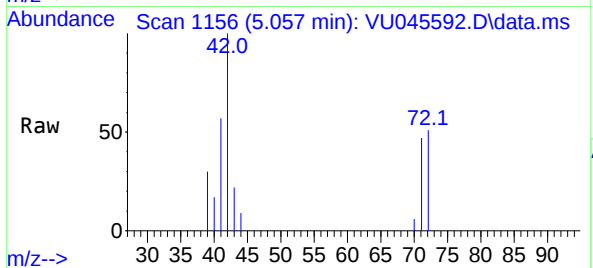
Tgt Ion: 42 Resp: 4836

Ion Ratio Lower Upper

42 100

72 44.9 38.2 57.4

71 44.1 35.4 53.2



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045592.D

Acq: 06 Nov 2021 04:48

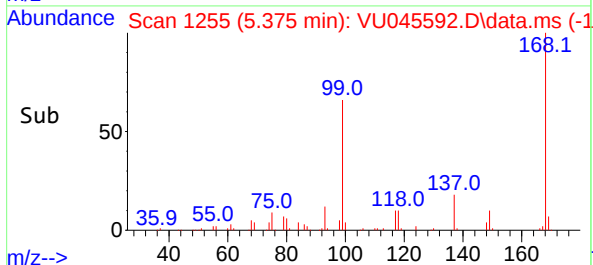
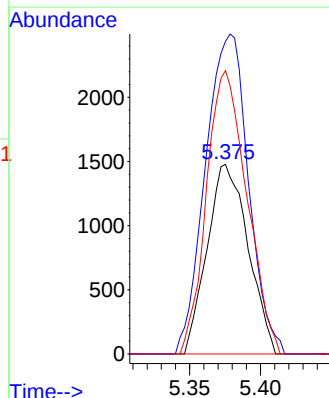
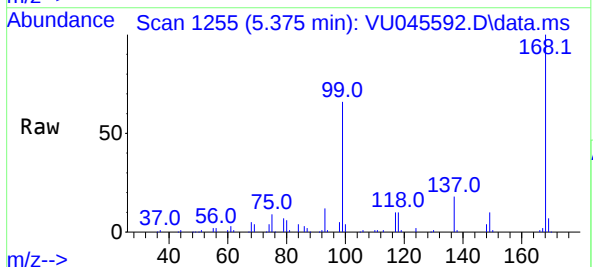
Tgt Ion: 56 Resp: 2964

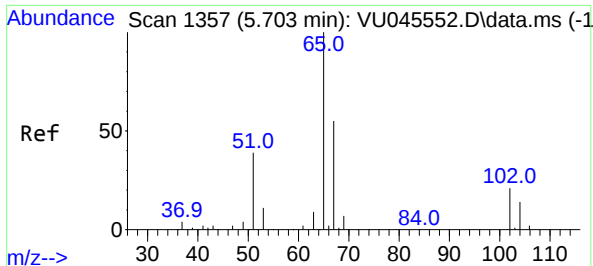
Ion Ratio Lower Upper

56 100

69 157.8 26.4 39.6#

84 149.5 68.4 102.6#

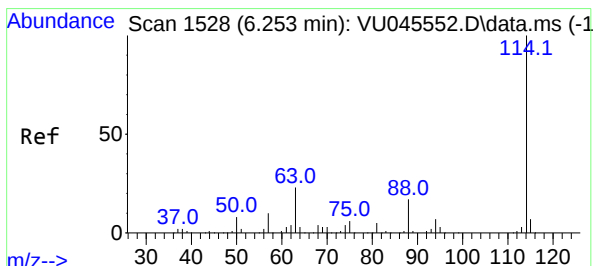
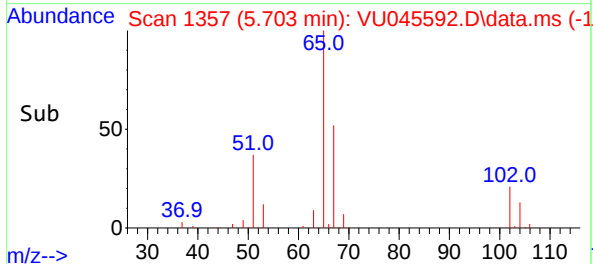
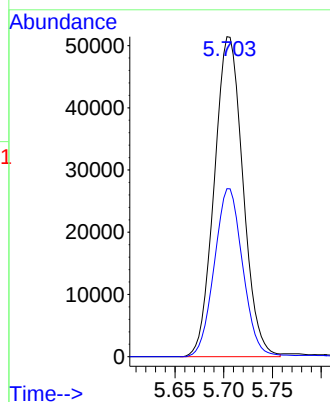
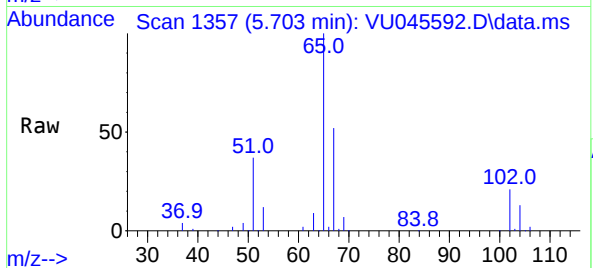




#33
1,2-Dichloroethane-d4
Concen: 56.166 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

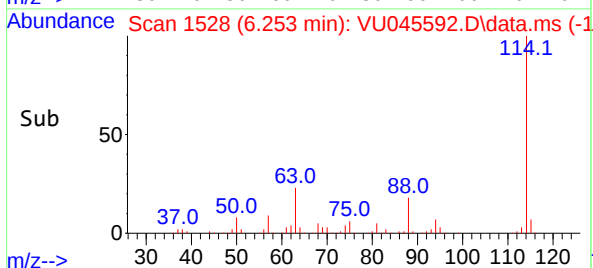
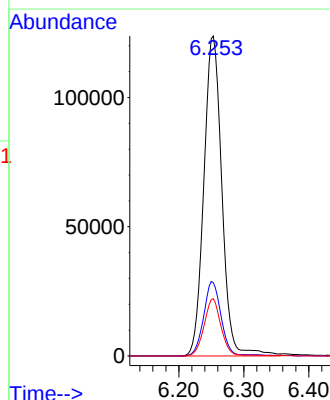
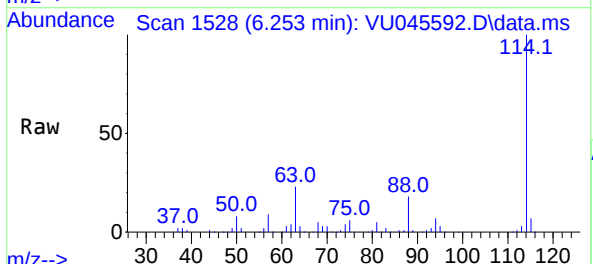
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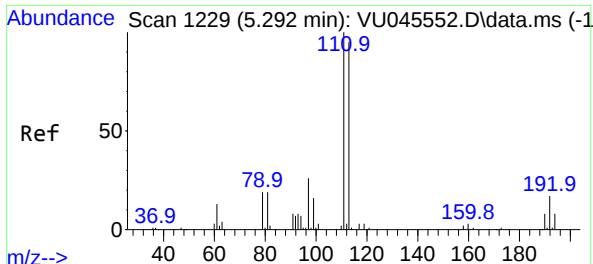
Tgt Ion: 65 Resp: 105227
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

Tgt Ion:114 Resp: 239733
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.6
88 17.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.743 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045592.D

Acq: 06 Nov 2021 04:48

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D3-20211103

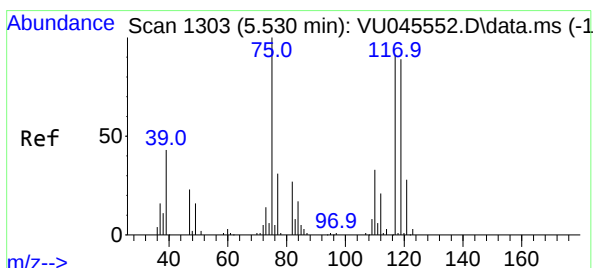
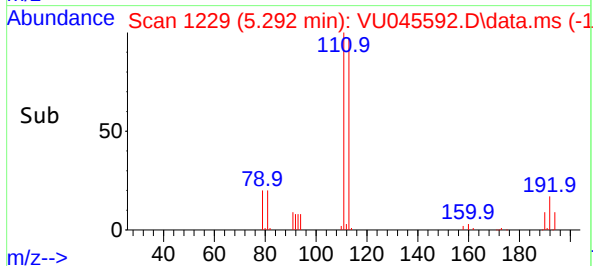
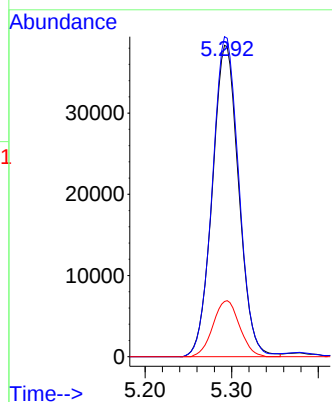
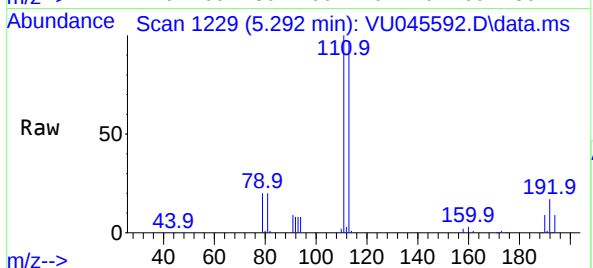
Tgt Ion:113 Resp: 81217

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 18.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.845 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045592.D

Acq: 06 Nov 2021 04:48

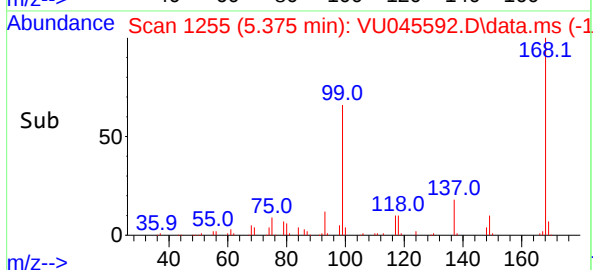
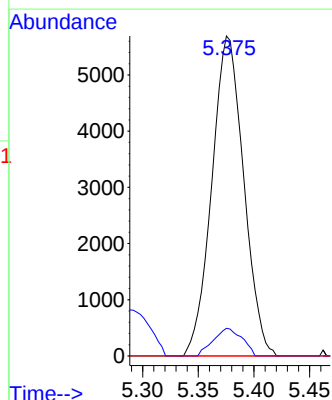
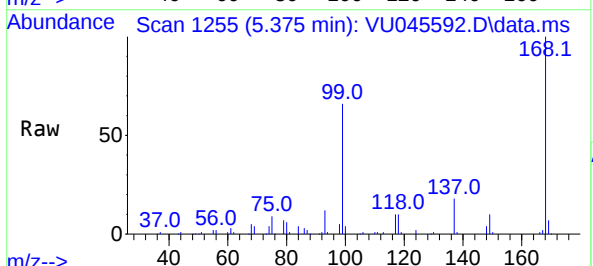
Tgt Ion: 75 Resp: 11325

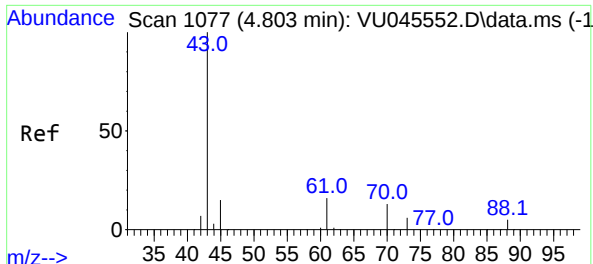
Ion Ratio Lower Upper

75 100

110 7.8 16.7 50.0#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.364 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. -0.090 min

Lab File: VU045592.D

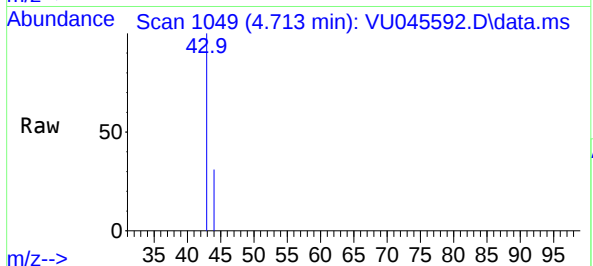
Acq: 06 Nov 2021 04:48

Instrument :

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RW8-MW01D3-20211103



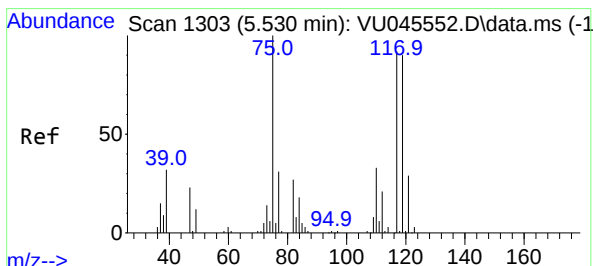
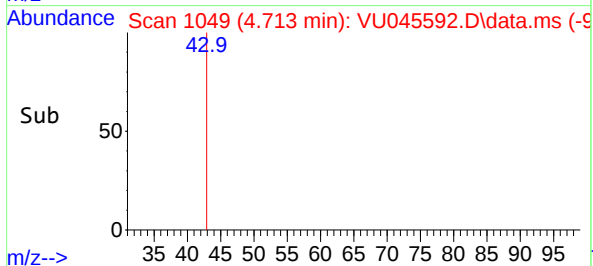
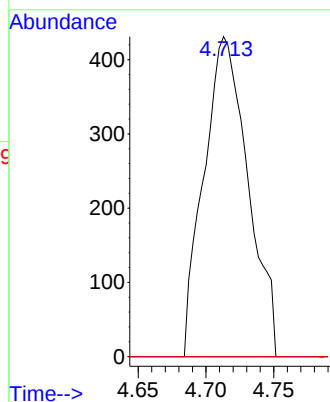
Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

70 0.0 9.1 13.7#



#38

Carbon Tetrachloride

Concen: 5.688 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045592.D

Acq: 06 Nov 2021 04:48

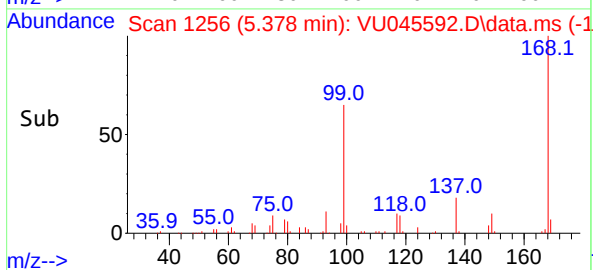
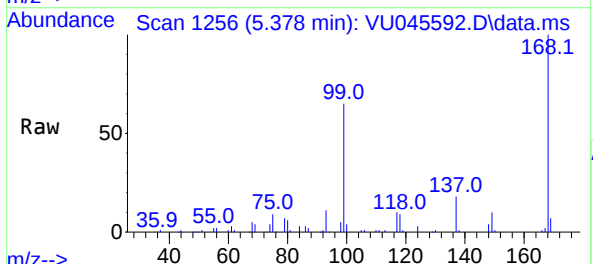
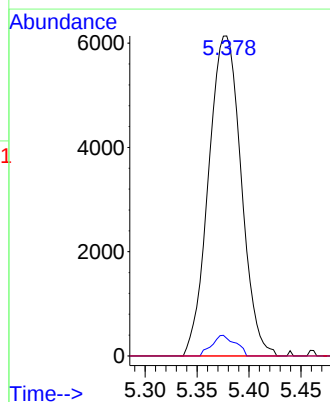
Tgt Ion: 117 Resp: 13405

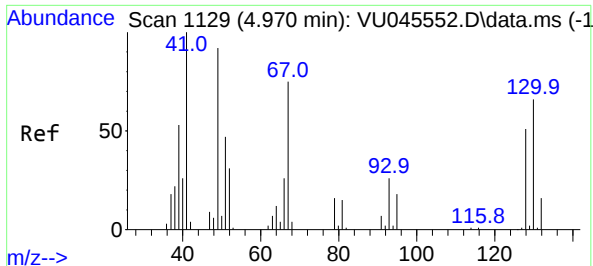
Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.0#

121 0.0 24.8 37.2#



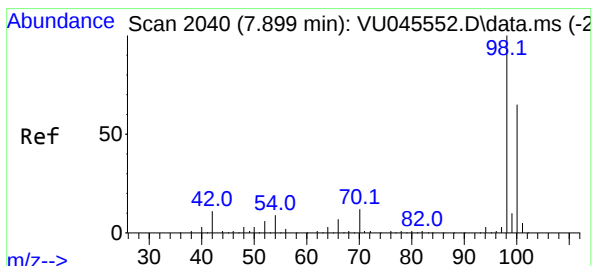
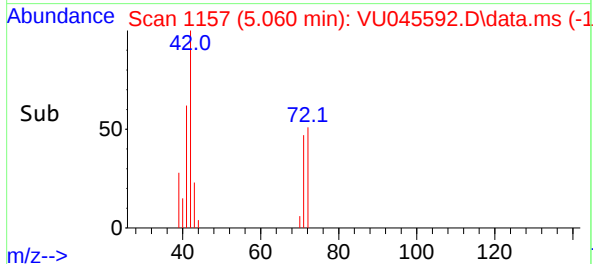
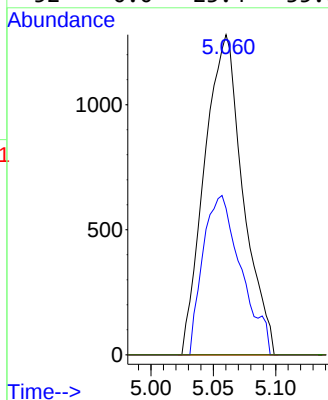
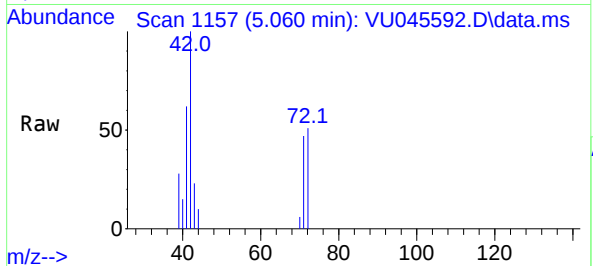


#41
Methacrylonitrile
Concen: 1.936 ug/l
RT: 5.060 min Scan# 1129
Delta R.T. 0.090 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D3-20211103

Tgt Ion: 41 Resp: 2747

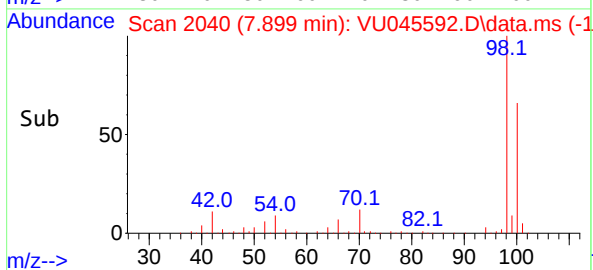
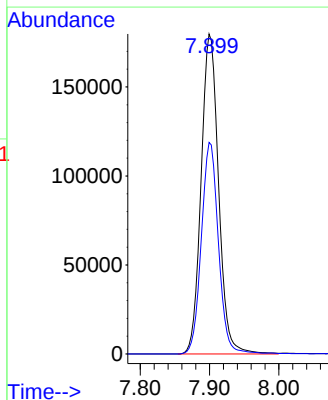
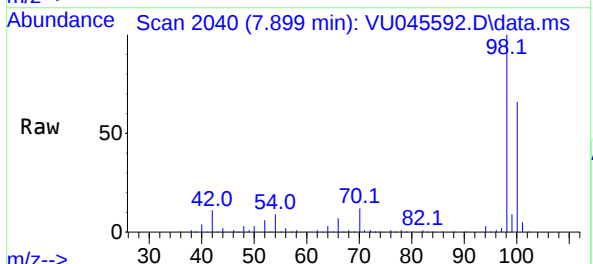
Ion	Ratio	Lower	Upper
41	100		
39	49.3	43.4	65.0
67	0.0	61.0	91.4#
52	0.0	23.4	35.0#

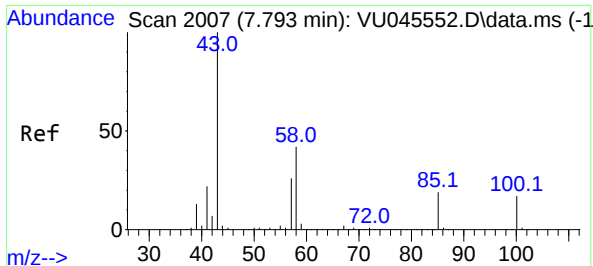


#50
Toluene-d8
Concen: 52.824 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

Tgt Ion: 98 Resp: 314390

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.5	78.7

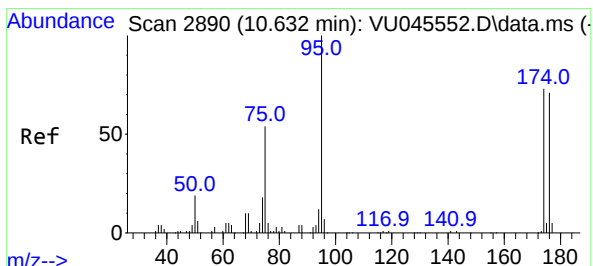
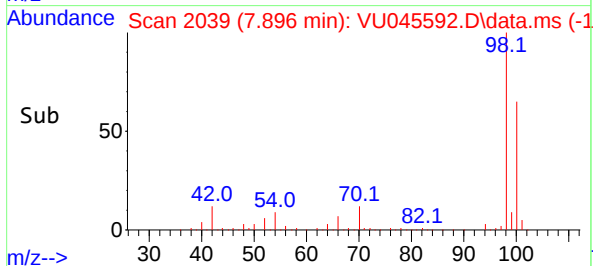
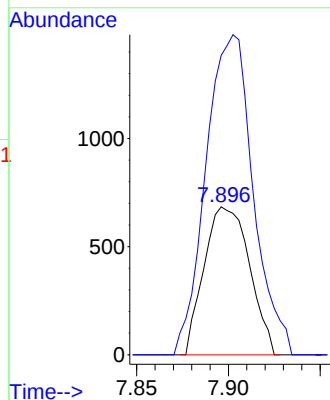
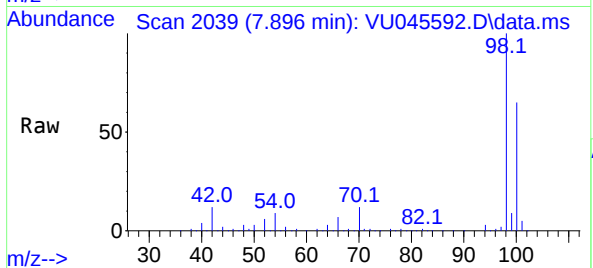




#51
4-Methyl-2-Pentanone
Concen: 0.434 ug/l
RT: 7.896 min Scan# 2007
Delta R.T. 0.103 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

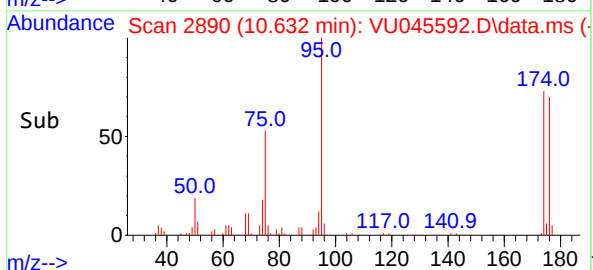
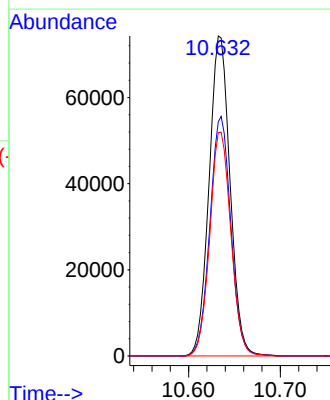
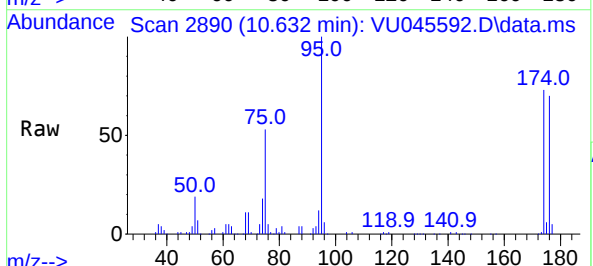
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D3-20211103

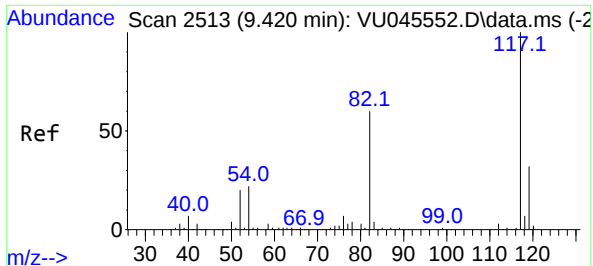
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 225.4 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 49.439 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

Tgt Ion: 95 Resp: 117992
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 70.3 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045592.D

Acq: 06 Nov 2021 04:48

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D3-20211103

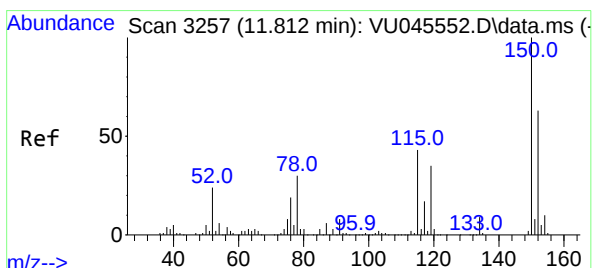
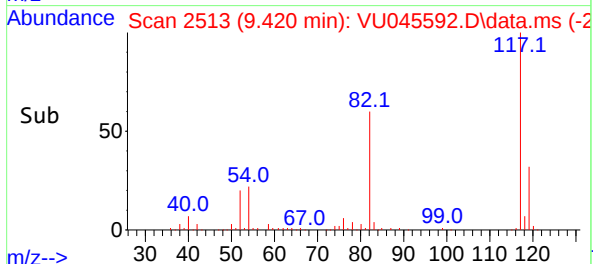
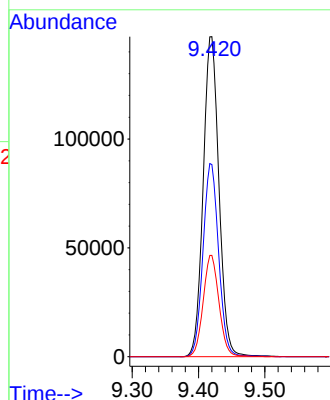
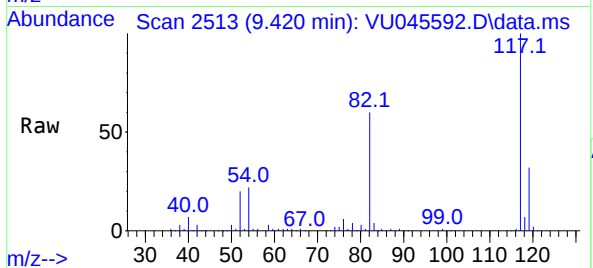
Tgt Ion:117 Resp: 243331

Ion Ratio Lower Upper

117 100

82 60.1 47.8 71.8

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. -0.000 min

Lab File: VU045592.D

Acq: 06 Nov 2021 04:48

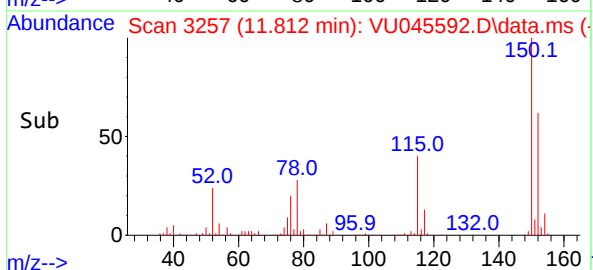
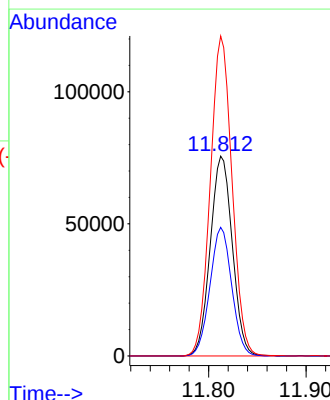
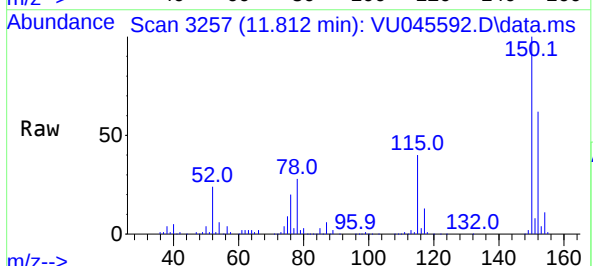
Tgt Ion:152 Resp: 119141

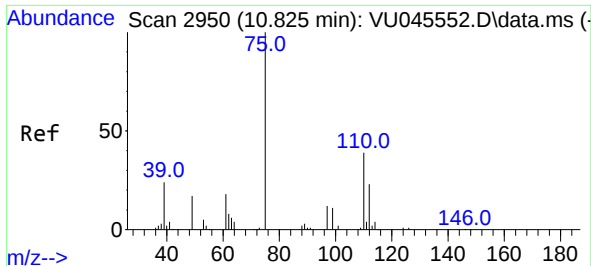
Ion Ratio Lower Upper

152 100

115 63.3 42.7 128.1

150 157.5 0.0 346.8

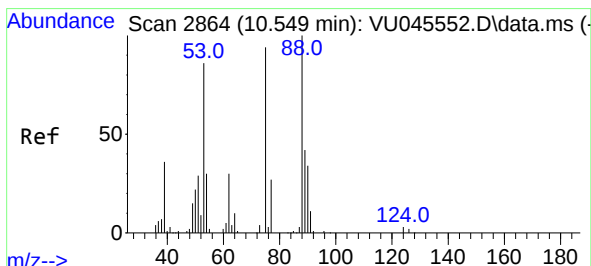
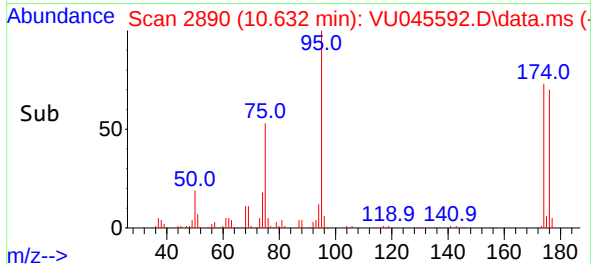
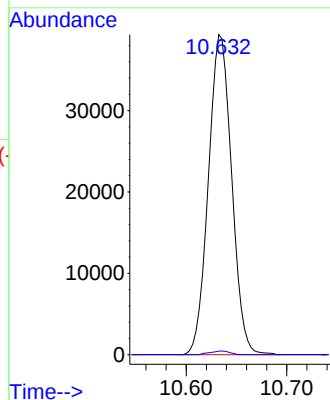
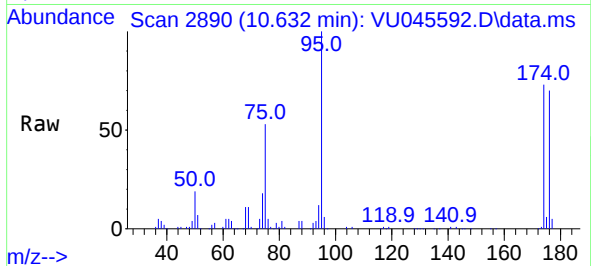




#76
1,2,3-Trichloropropane
Concen: 17.514 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

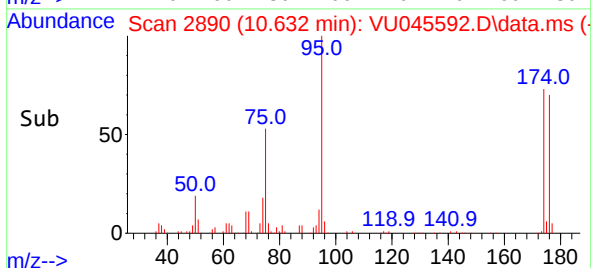
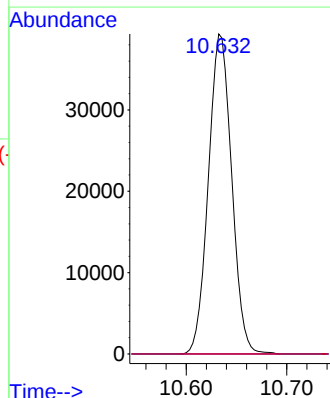
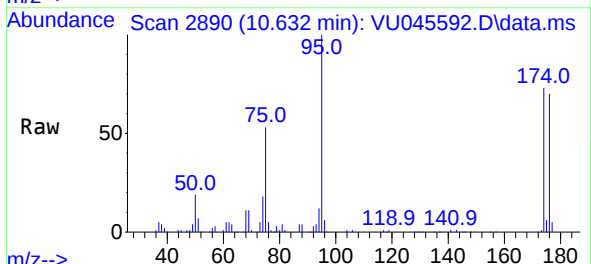
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D3-20211103

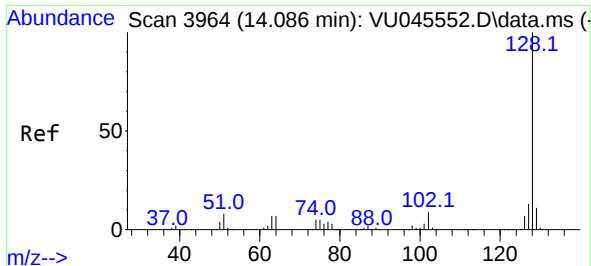
Tgt Ion: 75 Resp: 63278
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.933 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045592.D
Acq: 06 Nov 2021 04:48

Tgt Ion: 75 Resp: 63278
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.046 ug/l

RT: 14.098 min Scan# 3968

Delta R.T. 0.012 min

Lab File: VU045592.D

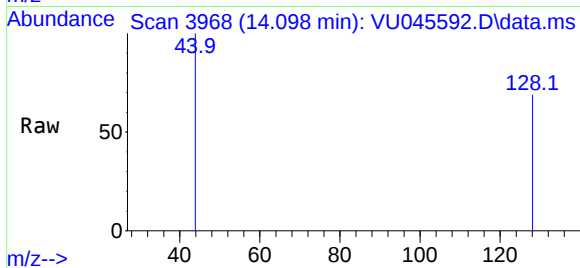
Acq: 06 Nov 2021 04:48

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D3-20211103



Tgt Ion:128 Resp: 173

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

