

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045594.D
 Acq On : 06 Nov 2021 05:34
 Operator : SY/MD
 Sample : M4472-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-2-KD

Quant Time: Nov 06 21:54:14 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

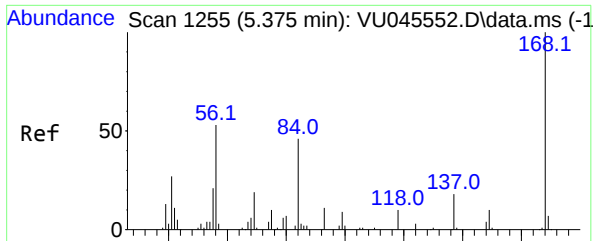
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.378	168	120850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	235322	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	241772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	118032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	102605	56.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.380%
35) Dibromofluoromethane	5.292	113	78986	50.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.540%
50) Toluene-d8	7.899	98	313192	53.609	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.220%
62) 4-Bromofluorobenzene	10.632	95	115621	49.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.700%
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	15185	16.482	ug/l	99
18) Methyl Acetate	2.957	43	1002	0.319	ug/l #	75
20) Methylene Chloride	3.051	84	6286	3.927	ug/l	98
25) 2-Butanone	4.710	43	2791	2.184	ug/l	93
29) Tetrahydrofuran	5.067	42	330	0.422	ug/l #	61
31) Cyclohexane	5.375	56	2986	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10695	4.661	ug/l #	50
38) Carbon Tetrachloride	5.378	117	13662	5.906	ug/l #	15
43) Isopropyl Acetate	5.912	43	15522	3.850	ug/l	99
45) 1,2-Dichloropropane	7.038	63	1100	0.612	ug/l #	43
48) Methyl methacrylate	6.893	41	5114	2.756	ug/l #	13
51) 4-Methyl-2-Pentanone	7.738	43	54038	20.319	ug/l #	44
54) cis-1,3-Dichloropropene	7.738	75	27937	9.684	ug/l #	63
56) Ethyl methacrylate	8.578	69	768	2.660	ug/l #	1
57) 1,3-Dichloropropane	8.726	76	18313	5.899	ug/l #	42
59) 2-Hexanone	8.729	43	234901	105.985	ug/l #	49
76) 1,2,3-Trichloropropane	10.632	75	61874	17.286	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	61874	56.231	ug/l #	12
95) Naphthalene	14.095	128	237	1.053	ug/l #	69

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

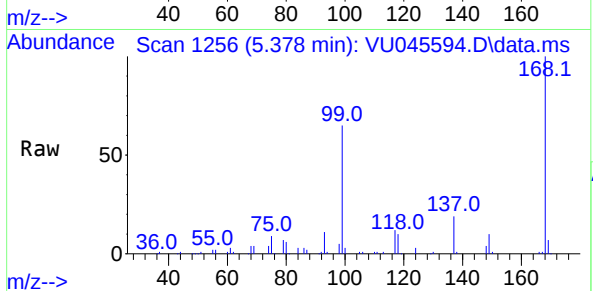
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Quant Title : SW846 8260
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Response via : Initial Calibration



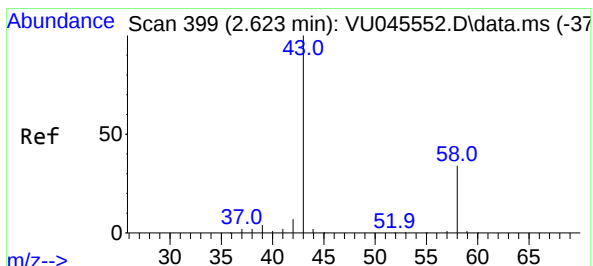
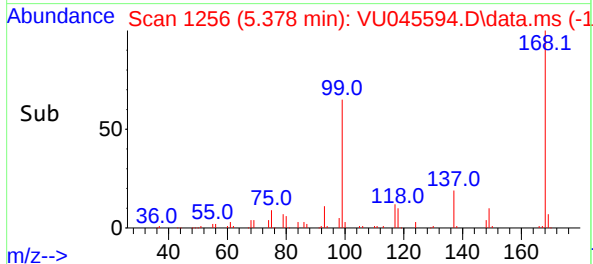
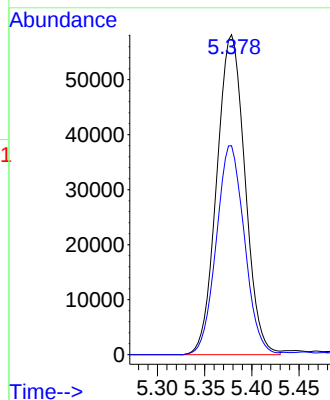


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

Instrument :
MSVOA_U
ClientSampleId :
WC-2-KD

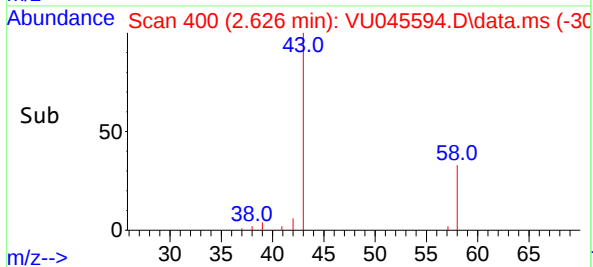
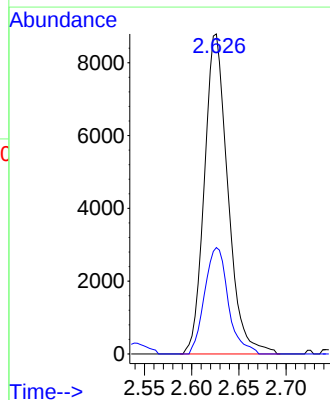
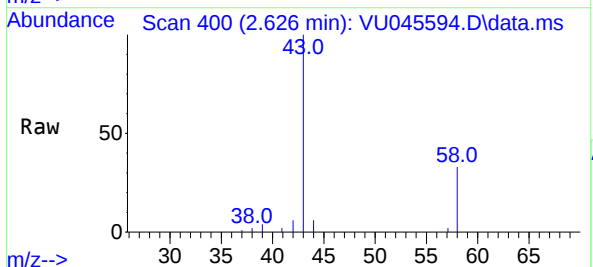


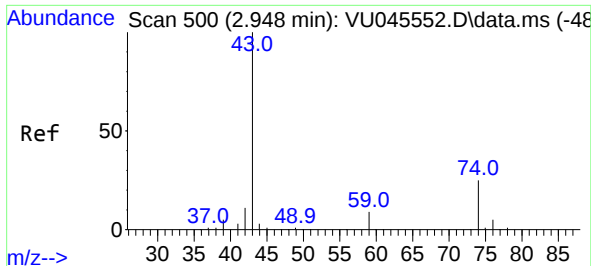
Tgt Ion:168 Resp: 120850
Ion Ratio Lower Upper
168 100
99 65.3 51.0 76.6



#16
Acetone
Concen: 16.482 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

Tgt Ion: 43 Resp: 15185
Ion Ratio Lower Upper
43 100
58 33.2 26.2 39.2

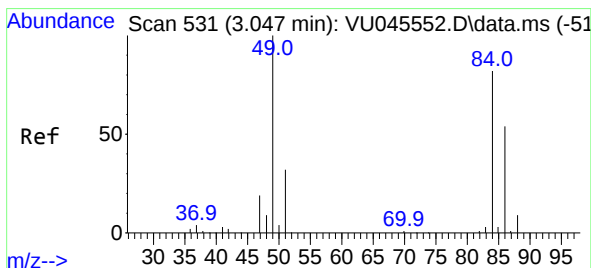
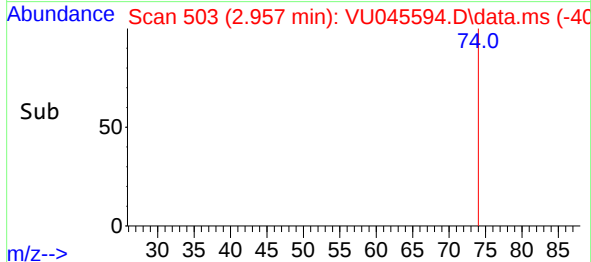
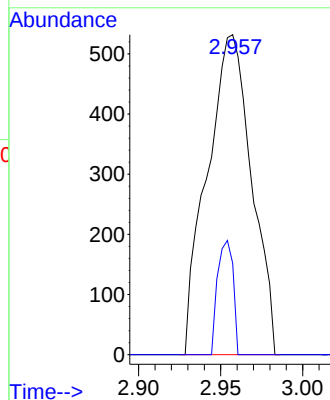
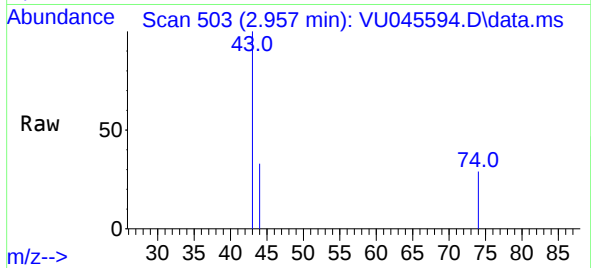




#18
Methyl Acetate
Concen: 0.319 ug/l
RT: 2.957 min Scan# 501
Delta R.T. 0.010 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

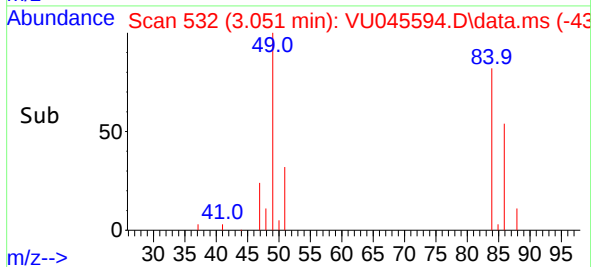
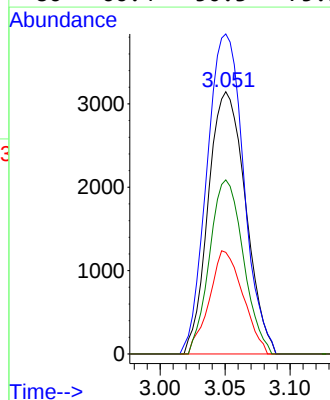
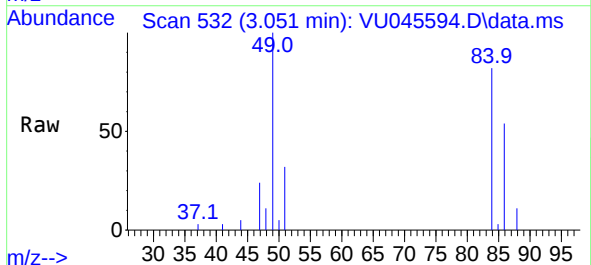
Instrument :
MSVOA_U
ClientSampleId :
WC-2-KD

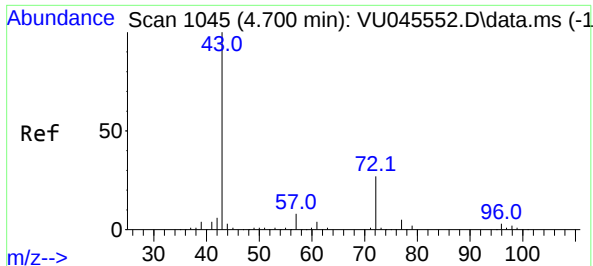
Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
74 12.4 20.2 30.2#



#20
Methylene Chloride
Concen: 3.927 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

Tgt Ion: 84 Resp: 6286
Ion Ratio Lower Upper
84 100
49 122.0 96.4 144.6
51 38.8 30.5 45.7
86 66.4 50.3 75.5

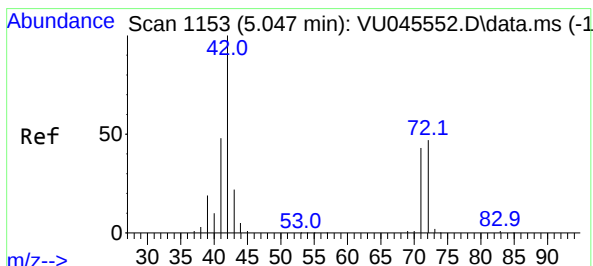
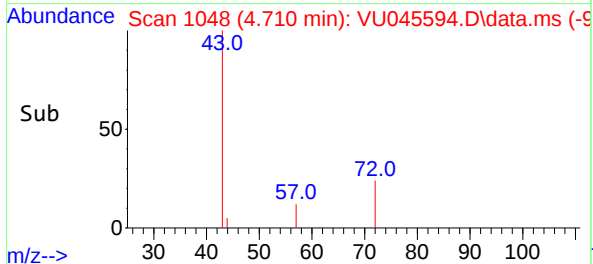
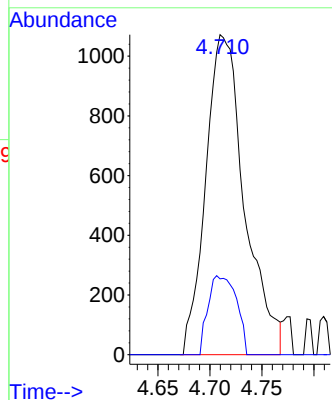
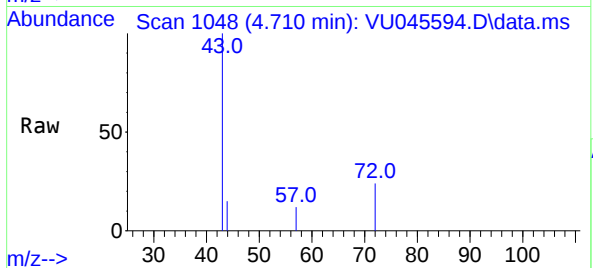




#25
2-Butanone
Concen: 2.184 ug/l
RT: 4.710 min Scan# 1104
Delta R.T. 0.010 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

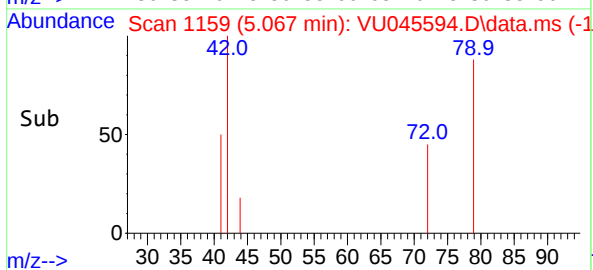
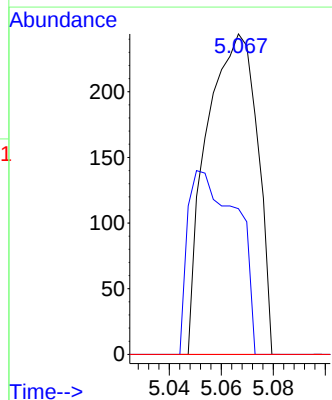
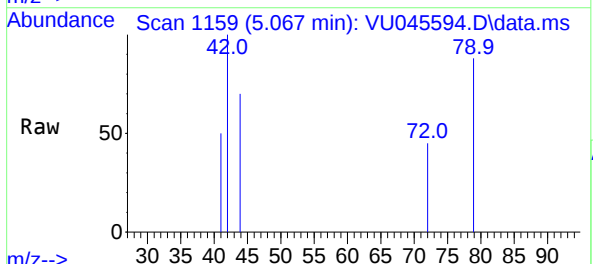
Instrument :
MSVOA_U
ClientSampleId :
WC-2-KD

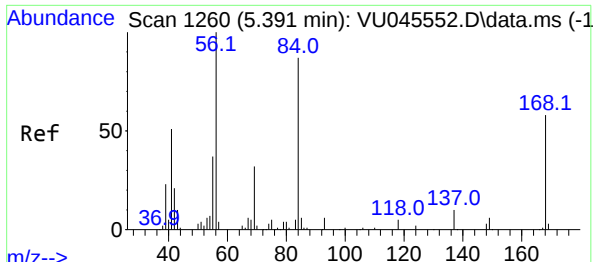
Tgt Ion: 43 Resp: 2791
Ion Ratio Lower Upper
43 100
72 23.7 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.422 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.019 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

Tgt Ion: 42 Resp: 330
Ion Ratio Lower Upper
42 100
72 55.5 38.2 57.4
71 0.0 35.4 53.2#

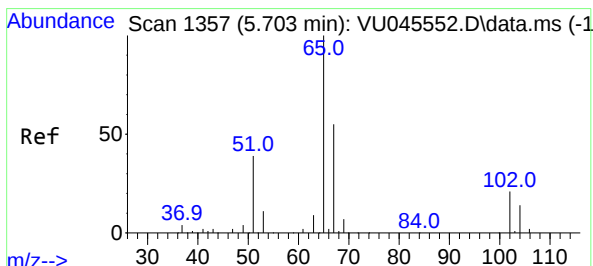
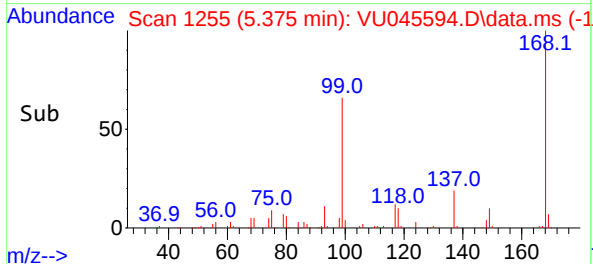
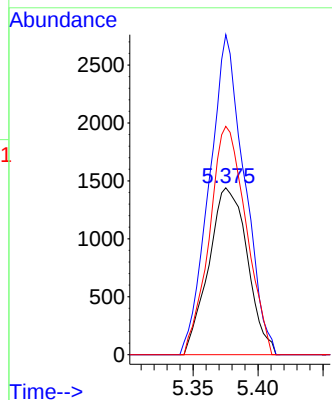
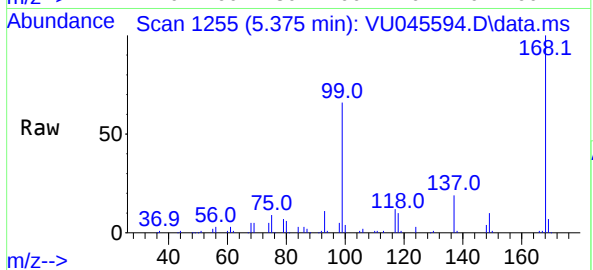




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.375 min Scan# 1260
Delta R.T. -0.016 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

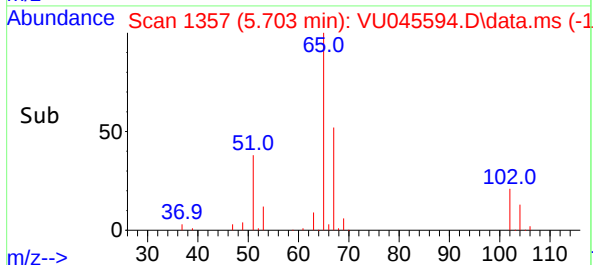
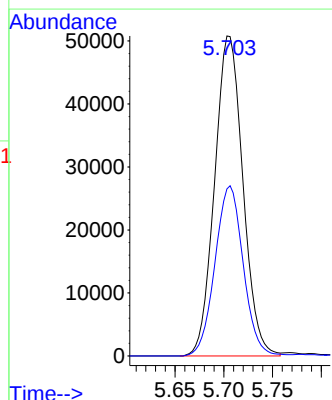
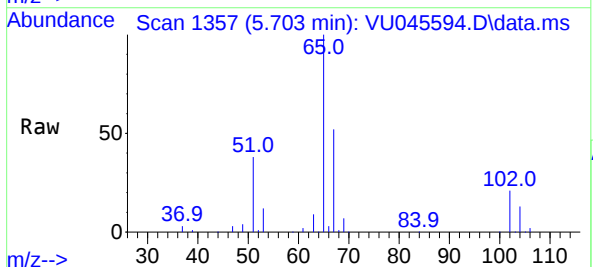
Instrument :
MSVOA_U
ClientSampleId :
WC-2-KD

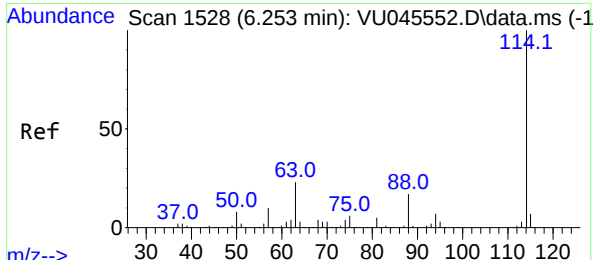
Tgt Ion: 56 Resp: 2986
Ion Ratio Lower Upper
56 100
69 191.7 26.4 39.6#
84 136.8 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 56.692 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

Tgt Ion: 65 Resp: 102605
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

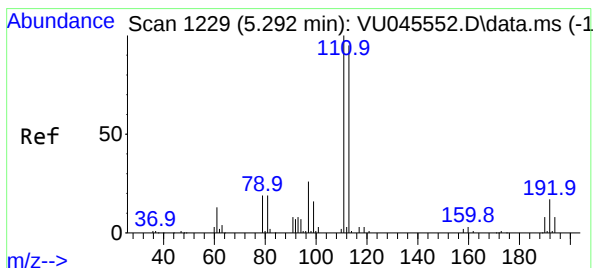
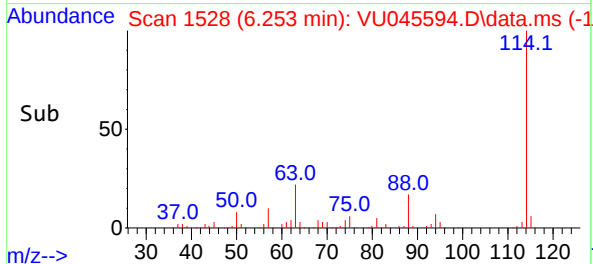
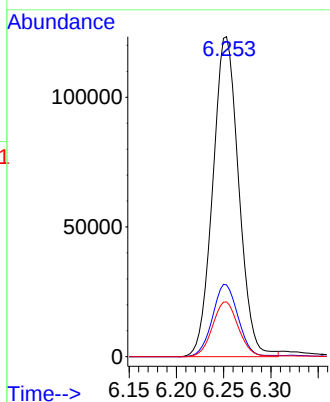
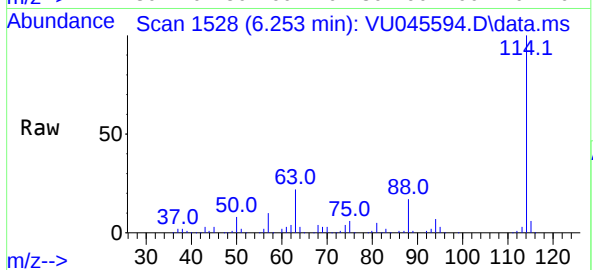




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

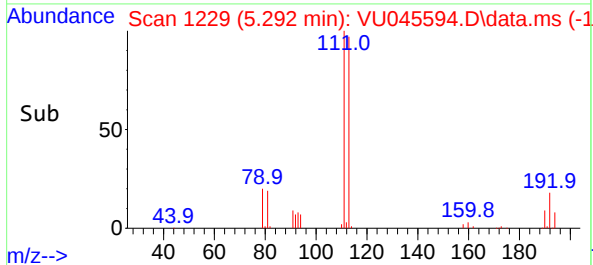
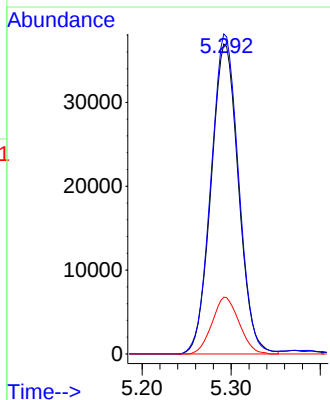
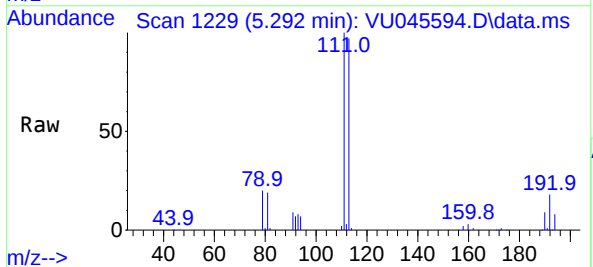
Instrument :
MSVOA_U
ClientSampleId :
WC-2-KD

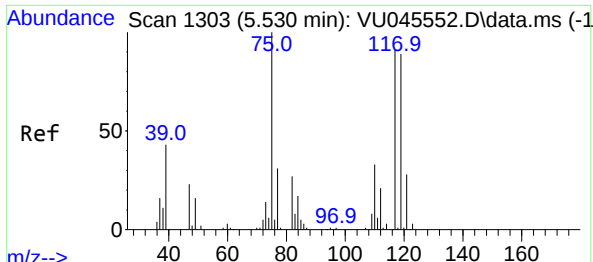
Tgt Ion:114 Resp: 235322
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.6
88 17.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.274 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

Tgt Ion:113 Resp: 78986
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.661 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

Instrument :

MSVOA_U

ClientSampleId :

WC-2-KD

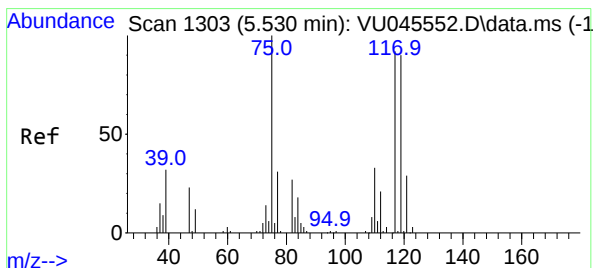
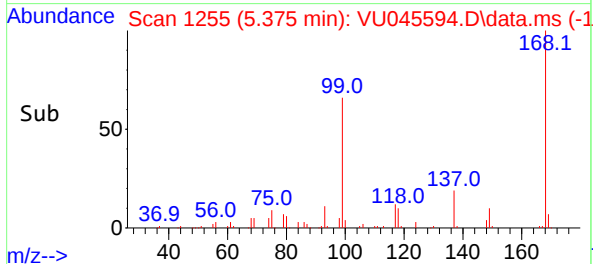
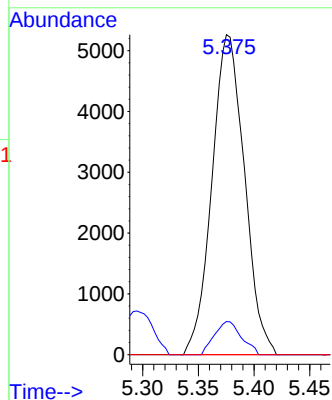
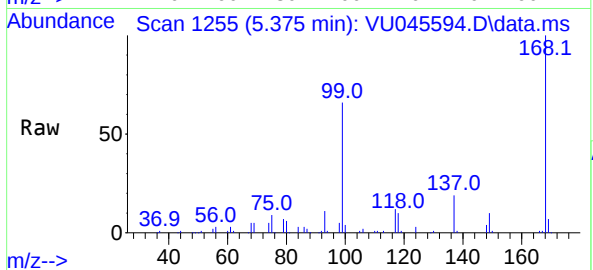
Tgt Ion: 75 Resp: 10695

Ion Ratio Lower Upper

75 100

110 8.6 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.906 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

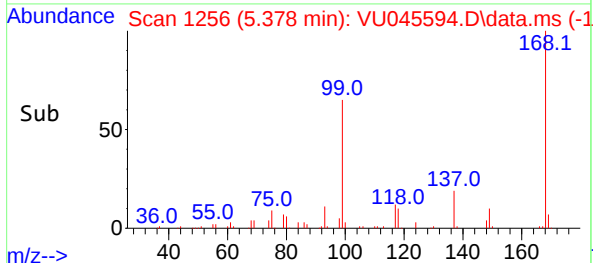
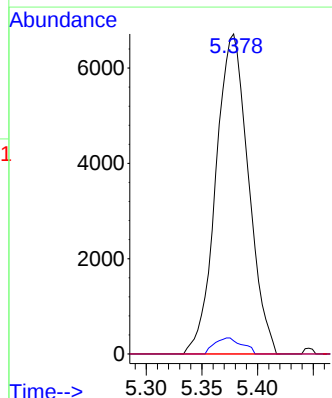
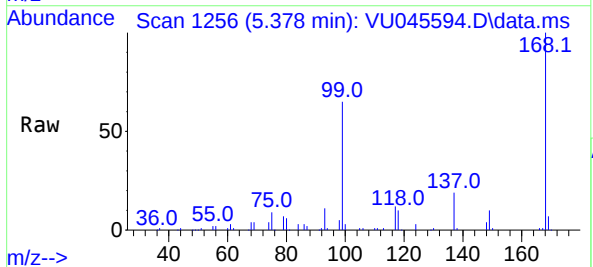
Tgt Ion: 117 Resp: 13662

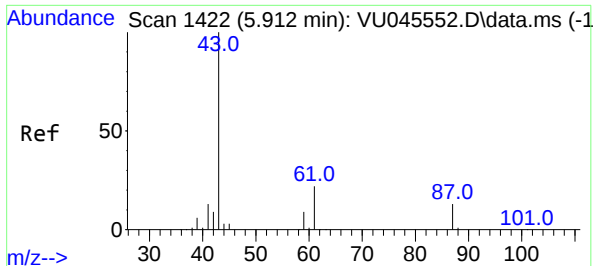
Ion Ratio Lower Upper

117 100

119 4.1 77.4 116.0#

121 0.0 24.8 37.2#

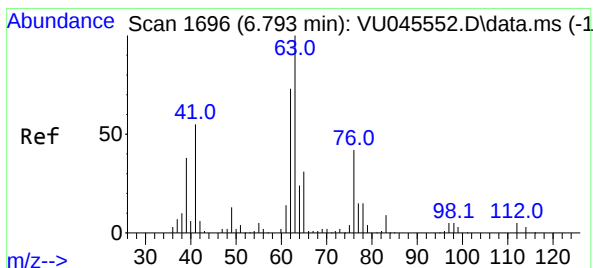
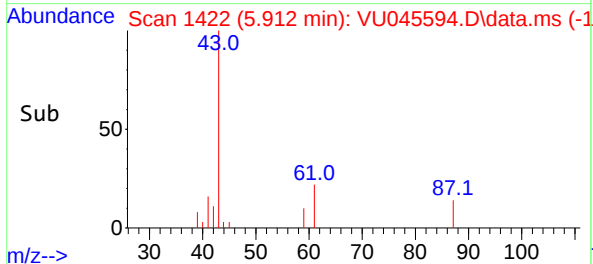
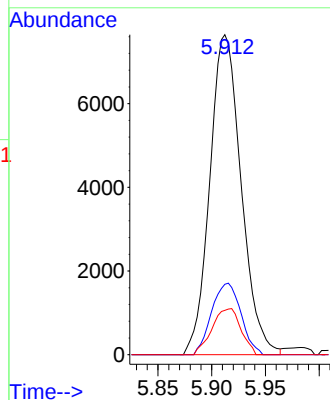
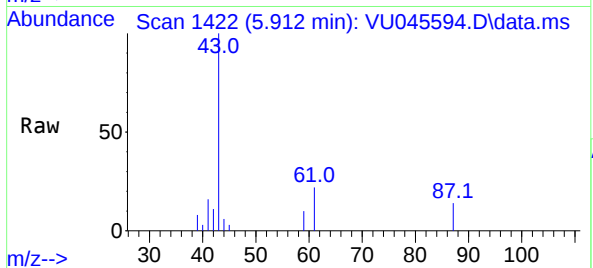




#43
Isopropyl Acetate
Concen: 3.850 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

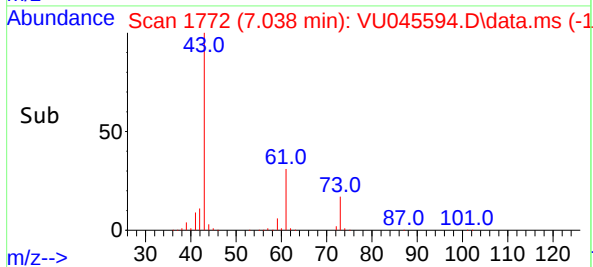
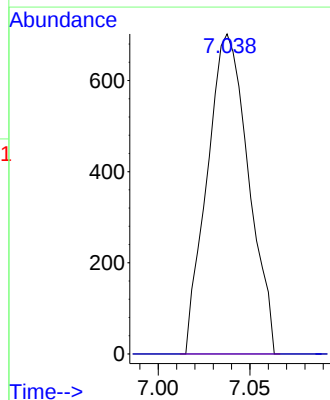
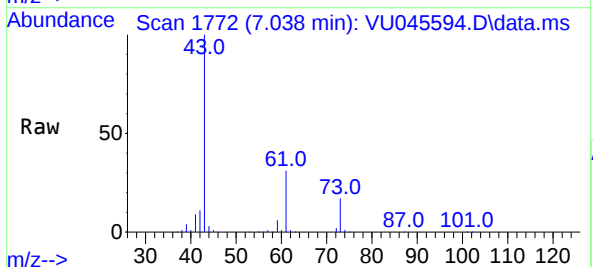
Instrument :
MSVOA_U
ClientSampleId :
WC-2-KD

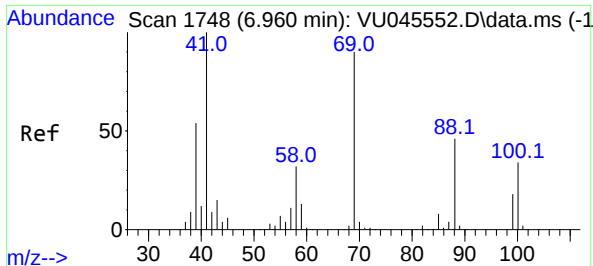
Tgt Ion: 43	Resp: 15522
Ion Ratio	Lower Upper
43 100	
61 20.8	16.9 25.3
87 13.2	11.0 16.4



#45
1,2-Dichloropropane
Concen: 0.612 ug/l
RT: 7.038 min Scan# 1772
Delta R.T. 0.244 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

Tgt Ion: 63	Resp: 1100		
Ion Ratio	Lower	Upper	
63 100			
65 0.0	25.7	38.5#	





#48

Methyl methacrylate

Concen: 2.756 ug/l

RT: 6.893 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

Instrument :

MSVOA_U

ClientSampleId :

WC-2-KD

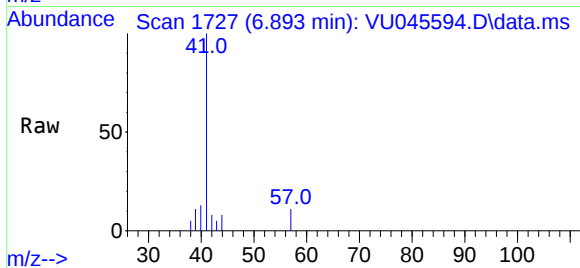
Tgt Ion: 41 Resp: 5114

Ion Ratio Lower Upper

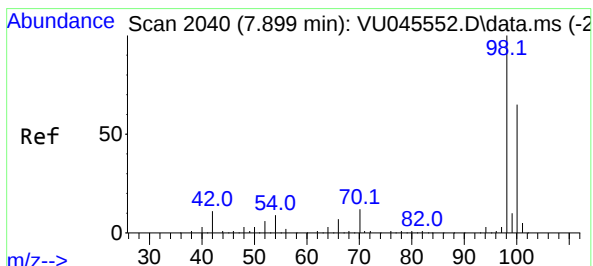
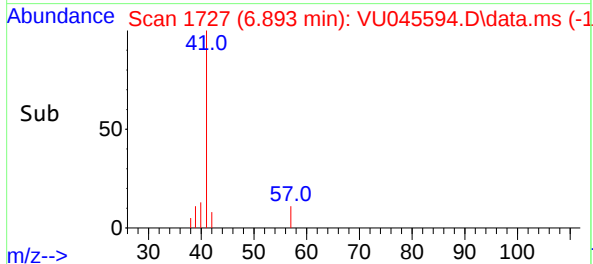
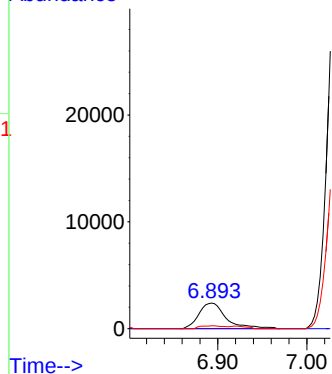
41 100

69 0.0 70.2 105.2#

39 0.0 43.9 65.9#



Abundance



#50

Toluene-d8

Concen: 53.609 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU045594.D

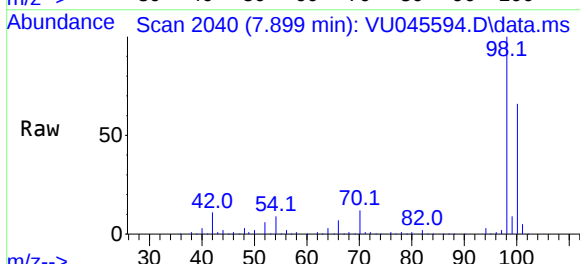
Acq: 06 Nov 2021 05:34

Tgt Ion: 98 Resp: 313192

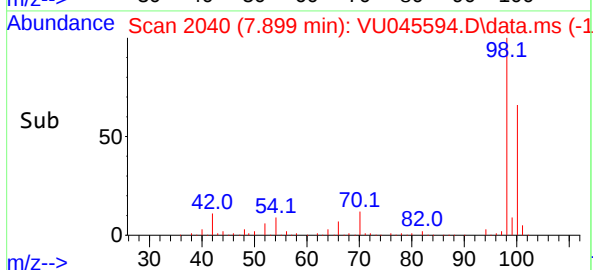
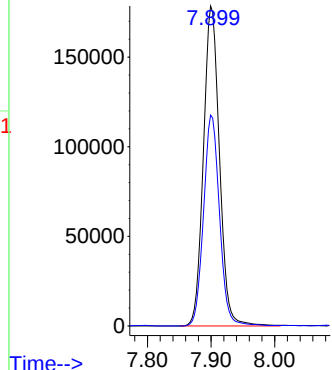
Ion Ratio Lower Upper

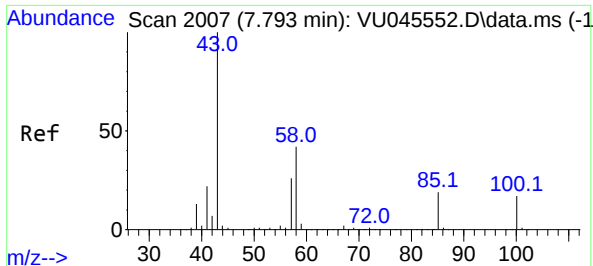
98 100

100 65.5 52.5 78.7



Abundance





#51

4-Methyl-2-Pentanone

Concen: 20.319 ug/l

RT: 7.738 min Scan# 1990

Delta R.T. -0.055 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

Instrument :

MSVOA_U

ClientSampleId :

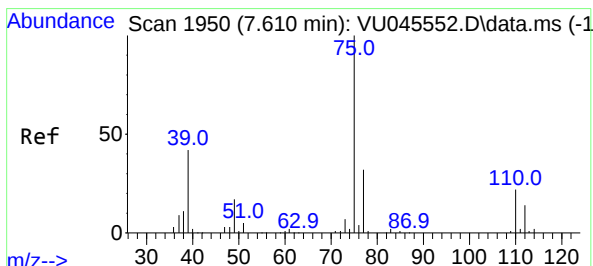
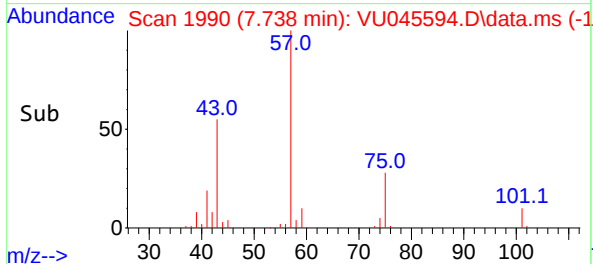
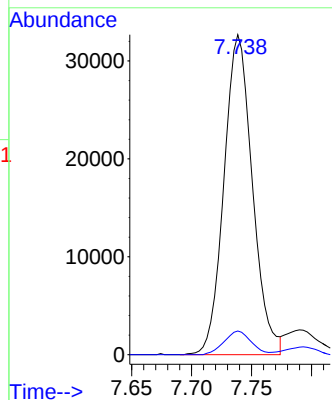
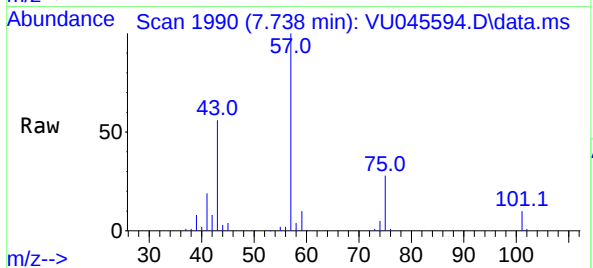
WC-2-KD

Tgt Ion: 43 Resp: 54038

Ion Ratio Lower Upper

43 100

58 7.0 33.8 50.8#



#54

cis-1,3-Dichloropropene

Concen: 9.684 ug/l

RT: 7.738 min Scan# 1990

Delta R.T. 0.129 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

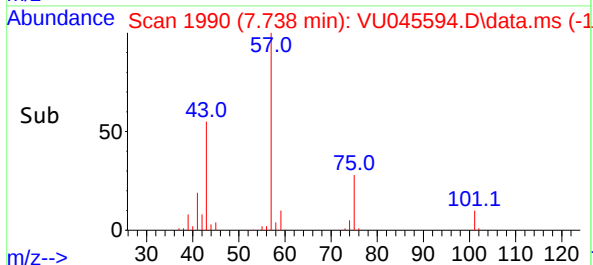
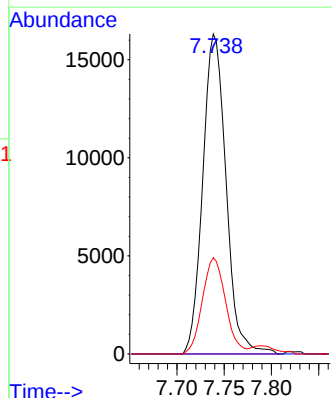
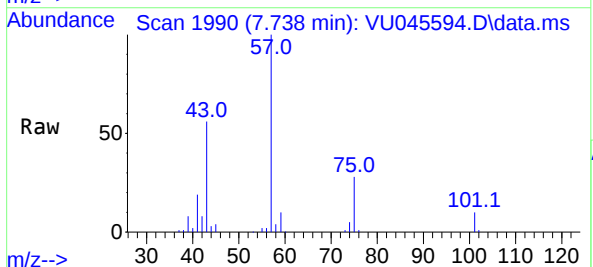
Tgt Ion: 75 Resp: 27937

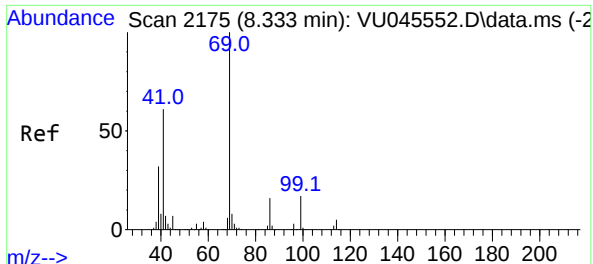
Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#

39 30.1 37.1 55.7#





#56

Ethyl methacrylate

Concen: 2.660 ug/l

RT: 8.578 min Scan# 2175

Delta R.T. 0.245 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

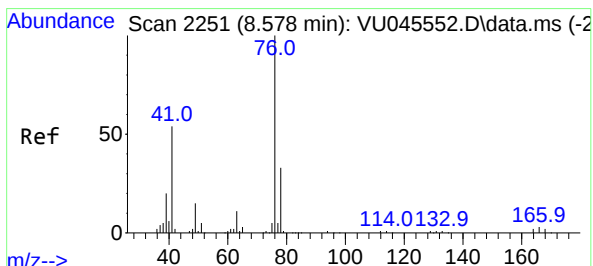
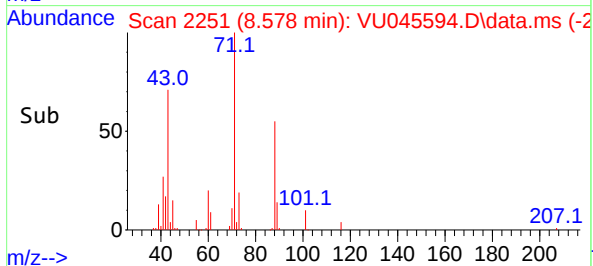
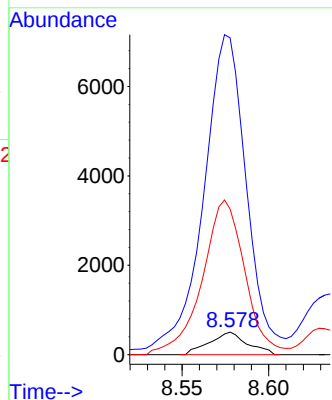
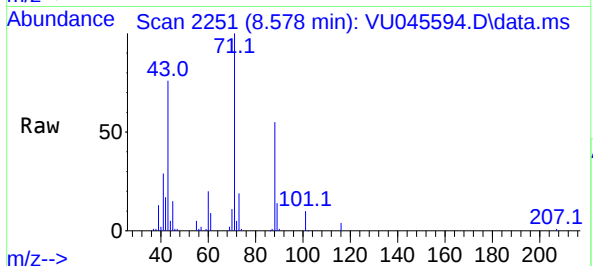
Instrument :

MSVOA_U

ClientSampleId :

WC-2-KD

Tgt Ion:	69	Resp:	768
Ion	Ratio	Lower	Upper
69	100		
41	1629.4	51.0	76.4#
39	769.0	26.6	39.8#



#57

1,3-Dichloropropane

Concen: 5.899 ug/l

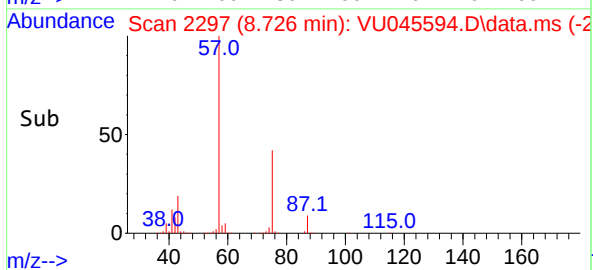
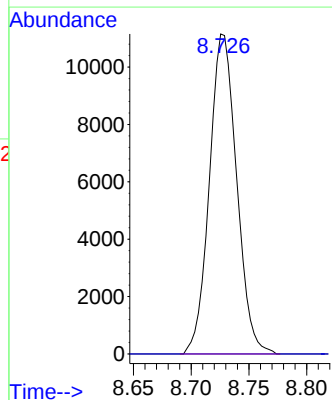
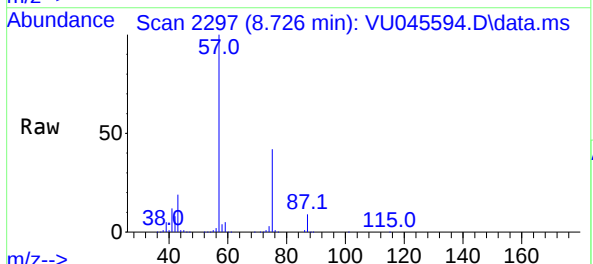
RT: 8.726 min Scan# 2297

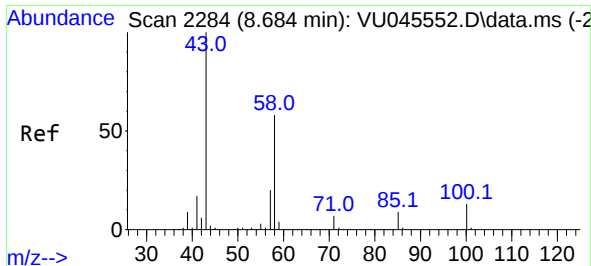
Delta R.T. 0.148 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

Tgt Ion:	76	Resp:	18313
Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#





#59

2-Hexanone

Concen: 105.985 ug/l

RT: 8.729 min Scan# 21

Delta R.T. 0.045 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

Instrument :

MSVOA_U

ClientSampleId :

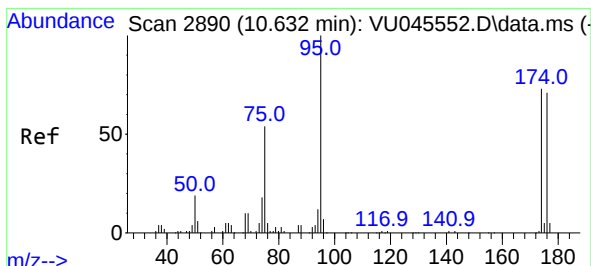
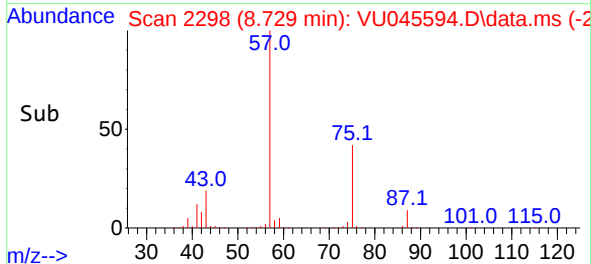
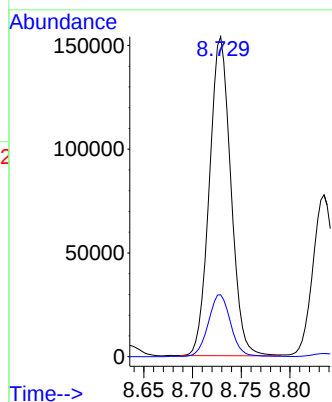
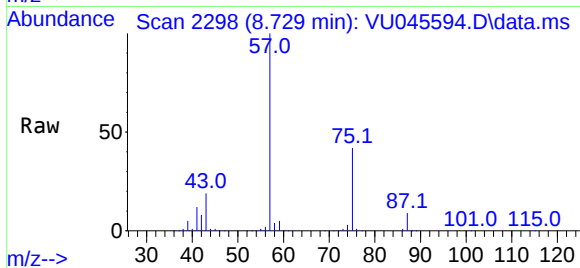
WC-2-KD

Tgt Ion: 43 Resp: 234901

Ion Ratio Lower Upper

43 100

58 20.5 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 49.354 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

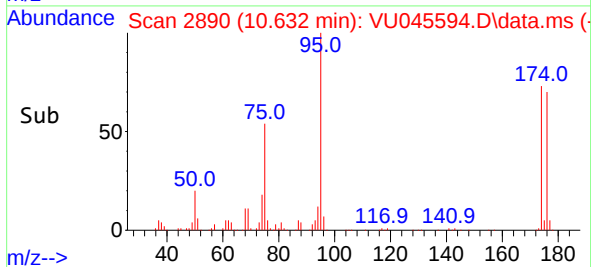
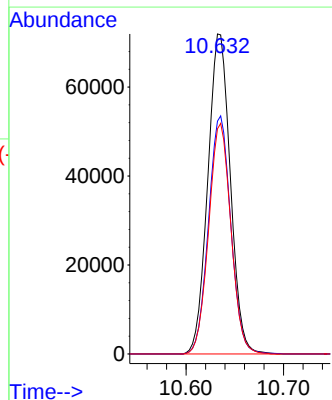
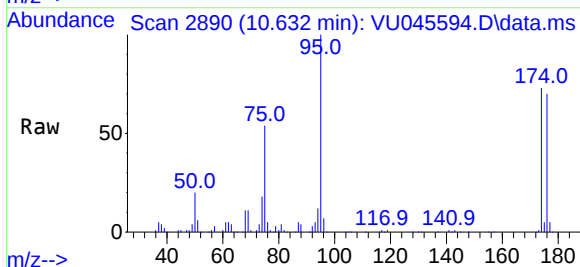
Tgt Ion: 95 Resp: 115621

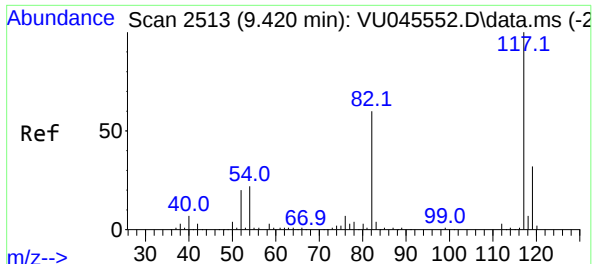
Ion Ratio Lower Upper

95 100

174 73.7 0.0 141.8

176 71.0 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045594.D

Acq: 06 Nov 2021 05:34

Instrument :

MSVOA_U

ClientSampleId :

WC-2-KD

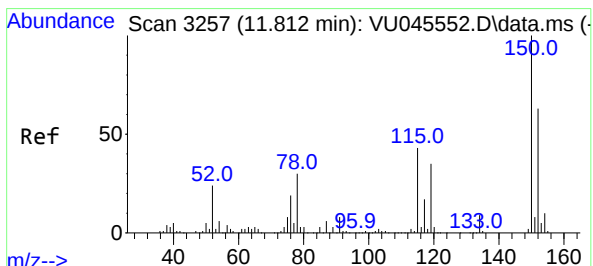
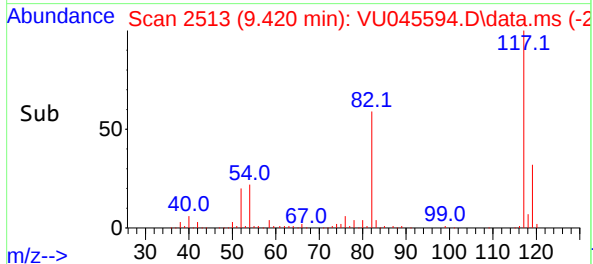
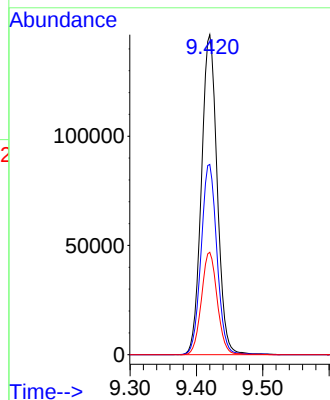
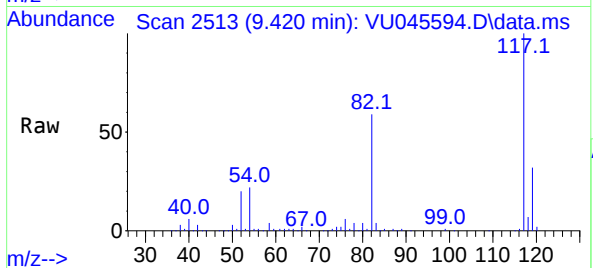
Tgt Ion:117 Resp: 241772

Ion Ratio Lower Upper

117 100

82 59.5 47.8 71.8

119 32.0 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: VU045594.D

Acq: 06 Nov 2021 05:34

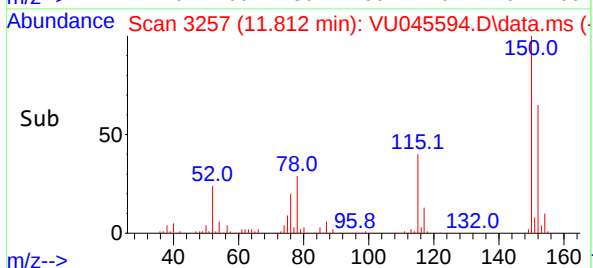
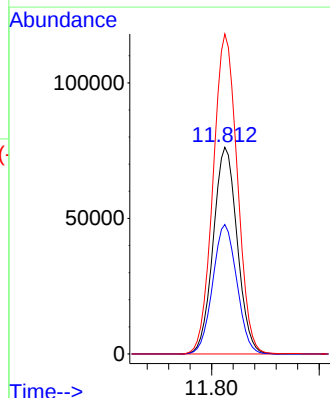
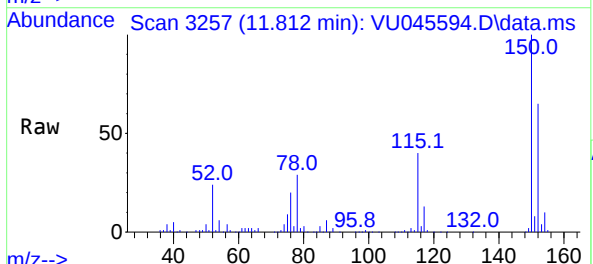
Tgt Ion:152 Resp: 118032

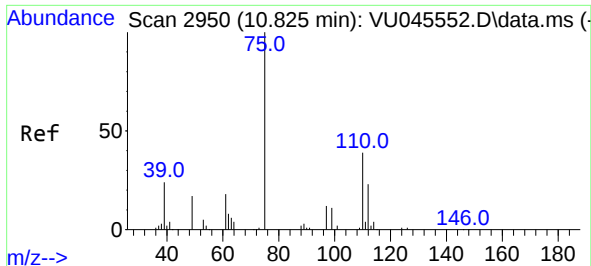
Ion Ratio Lower Upper

152 100

115 63.0 42.7 128.1

150 156.4 0.0 346.8

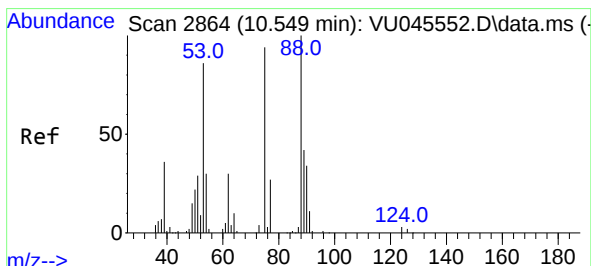
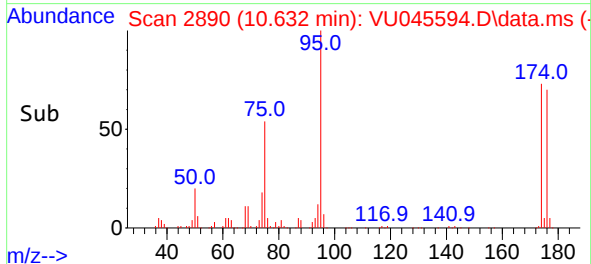
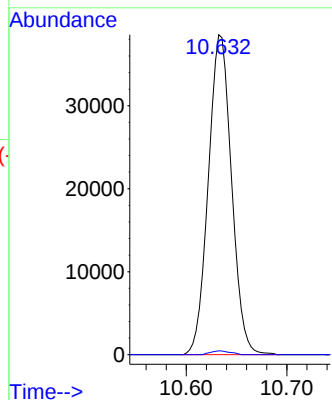
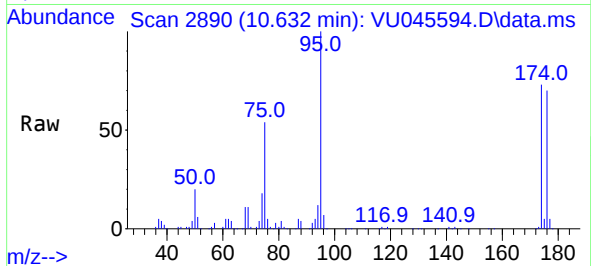




#76
1,2,3-Trichloropropane
Concen: 17.286 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

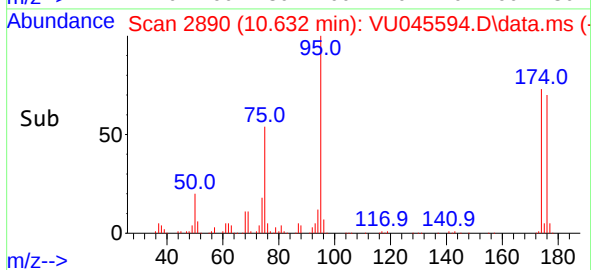
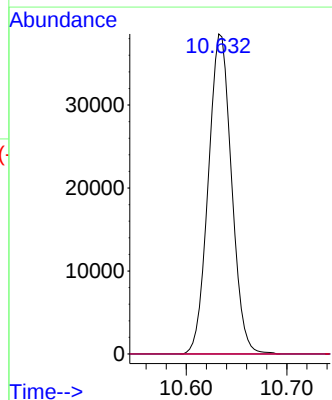
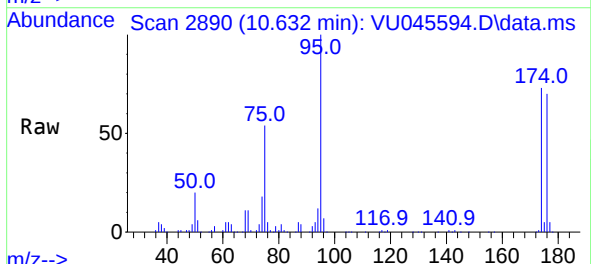
Instrument :
MSVOA_U
ClientSampleId :
WC-2-KD

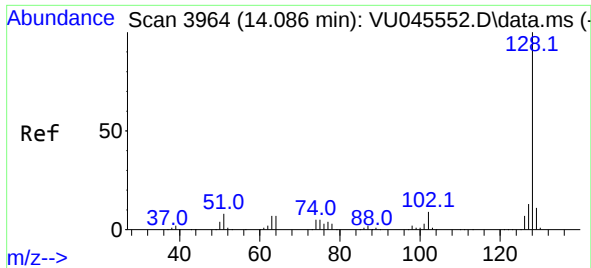
Tgt Ion: 75 Resp: 61874
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.231 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

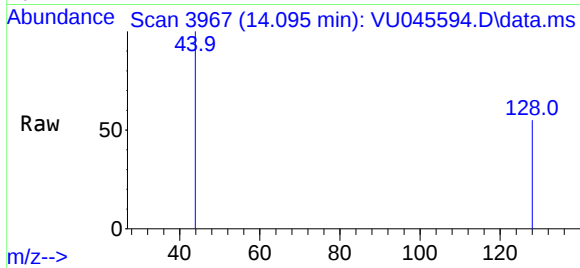
Tgt Ion: 75 Resp: 61874
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.053 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU045594.D
Acq: 06 Nov 2021 05:34

Instrument :
MSVOA_U
ClientSampleId :
WC-2-KD



Tgt Ion:128 Resp: 237
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

