

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045596.D
 Acq On : 06 Nov 2021 06:20
 Operator : SY/MD
 Sample : M4472-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-2-JS

Quant Time: Nov 06 21:54:55 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	118781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	232079	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	238580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	116106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	101977	57.327	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.660%	
35) Dibromofluoromethane	5.292	113	76385	49.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.600%	
50) Toluene-d8	7.899	98	309090	53.646	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.300%	
62) 4-Bromofluorobenzene	10.632	95	115243	49.880	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.760%	

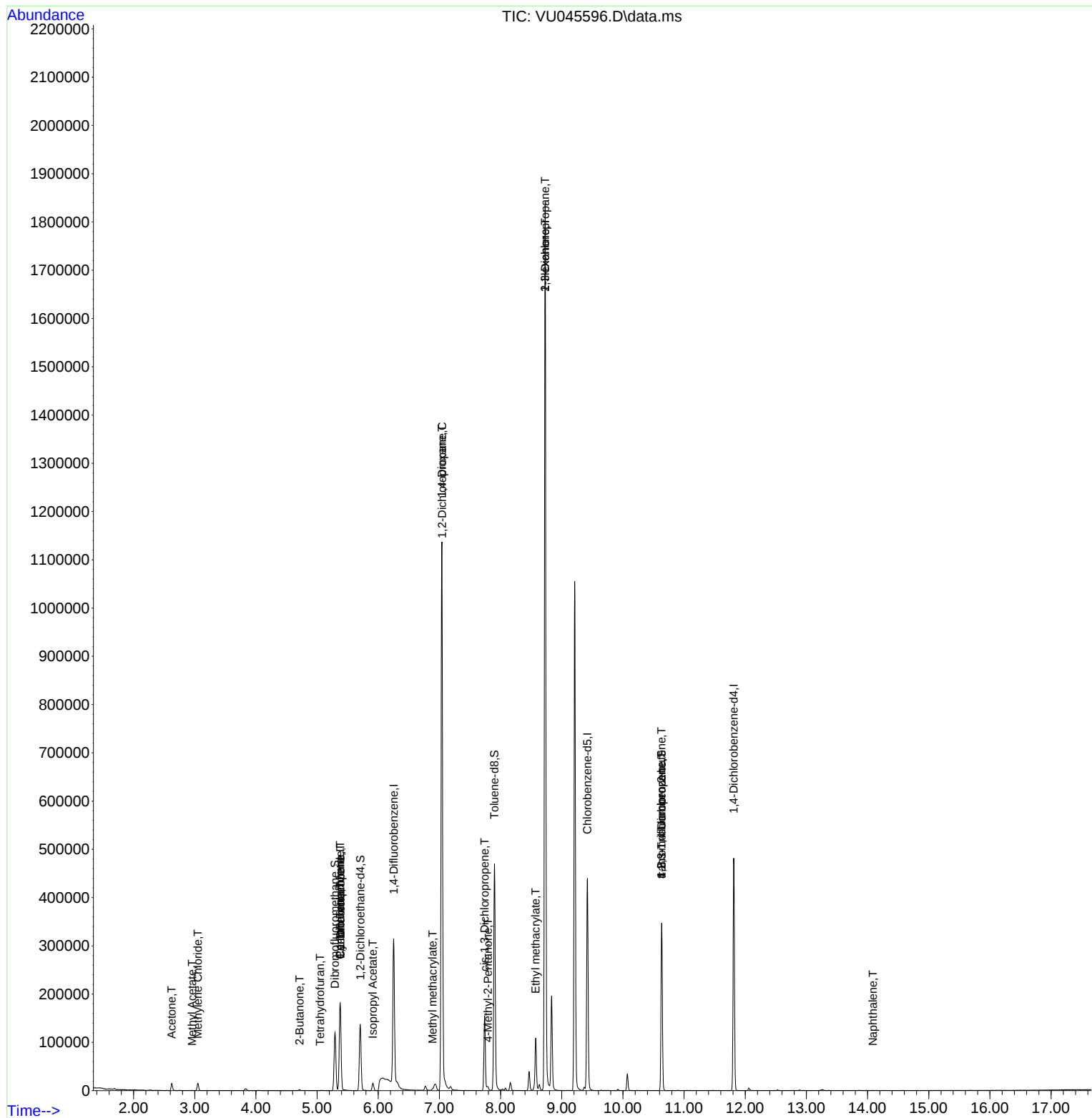
Target Compounds					Qvalue	
16) Acetone	2.623	43	16606	18.338	ug/l	96
18) Methyl Acetate	2.954	43	639	0.207	ug/l #	74
20) Methylene Chloride	3.050	84	6979	4.435	ug/l	85
25) 2-Butanone	4.713	43	2934	2.336	ug/l	98
29) Tetrahydrofuran	5.050	42	190	0.247	ug/l #	30
31) Cyclohexane	5.378	56	2906	1.120	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	10722	4.738	ug/l #	49
38) Carbon Tetrachloride	5.375	117	12489	5.474	ug/l #	17
43) Isopropyl Acetate	5.912	43	17055	4.289	ug/l	98
45) 1,2-Dichloropropane	7.044	63	1305	0.736	ug/l #	43
48) Methyl methacrylate	6.890	41	5607	3.064	ug/l #	13
49) 1,4-Dioxane	7.041	88	63	1.339	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	5334	2.034	ug/l #	84
54) cis-1,3-Dichloropropene	7.738	75	28406	9.984	ug/l #	60
56) Ethyl methacrylate	8.574	69	866	2.694	ug/l #	1
57) 1,3-Dichloropropane	8.729	76	18539	6.055	ug/l #	42
59) 2-Hexanone	8.729	43	241706	110.253	ug/l #	48
76) 1,2,3-Trichloropropane	10.632	75	60314	17.130	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	60314	55.750	ug/l #	12
95) Naphthalene	14.089	128	385	1.069	ug/l #	69

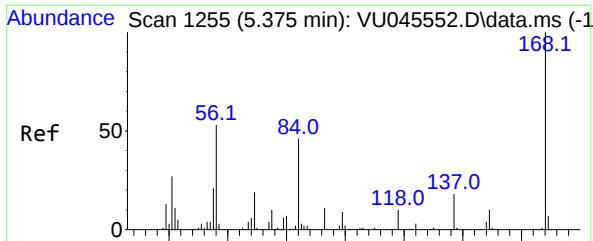
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
ClientSampleId :
WC-2-JS

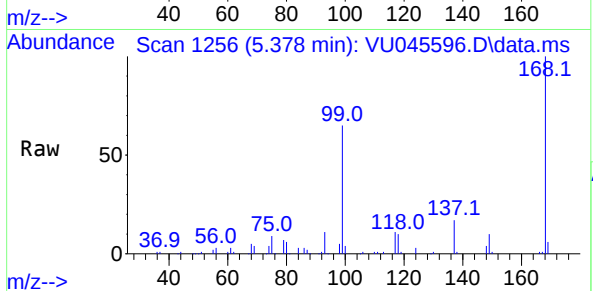
Quant Time: Nov 06 21:54:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



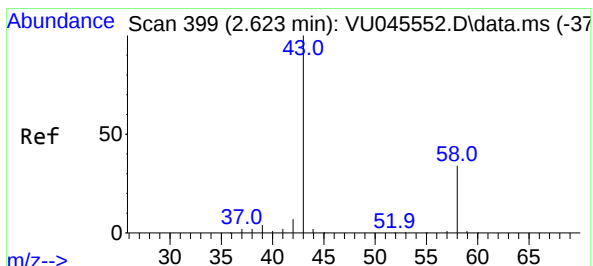
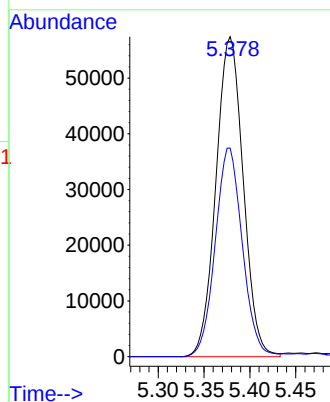
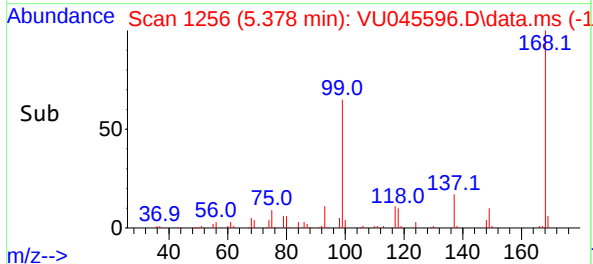


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Instrument :
MSVOA_U
ClientSampleId :
WC-2-JS

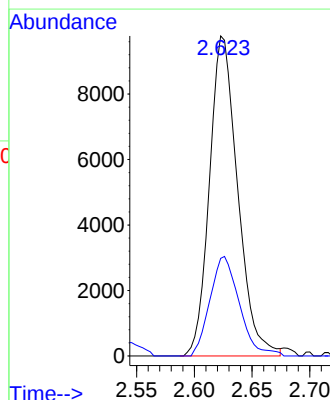
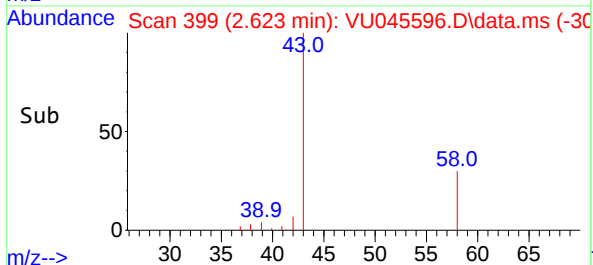
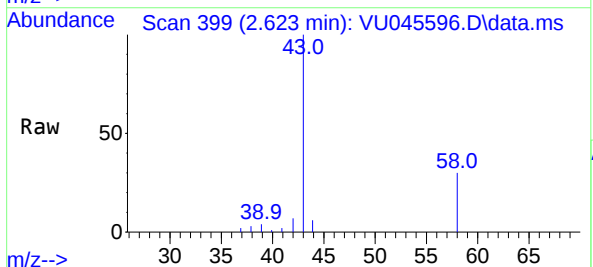


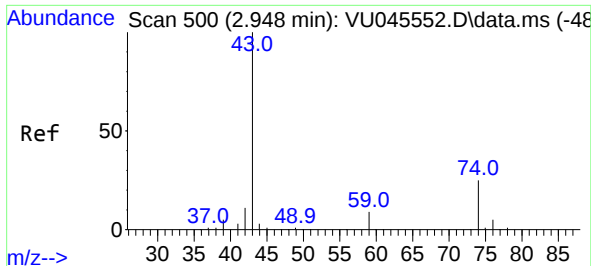
Tgt Ion:168 Resp: 118781
Ion Ratio Lower Upper
168 100
99 65.2 51.0 76.6



#16
Acetone
Concen: 18.338 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Tgt Ion: 43 Resp: 16606
Ion Ratio Lower Upper
43 100
58 30.5 26.2 39.2

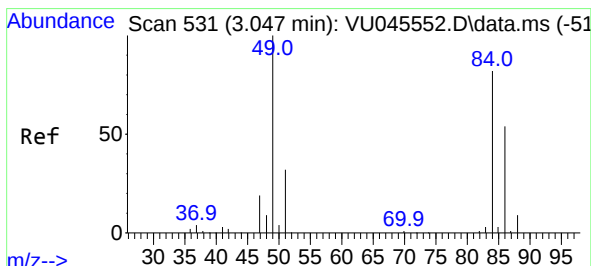
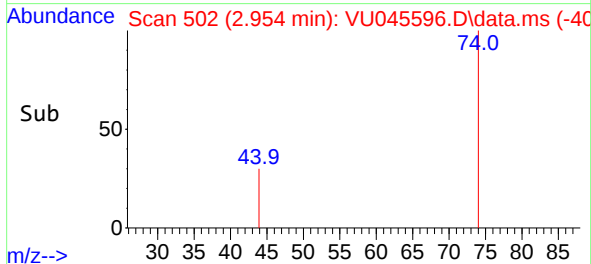
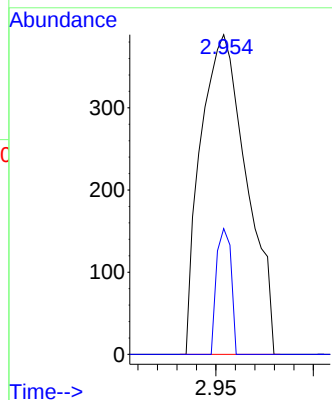
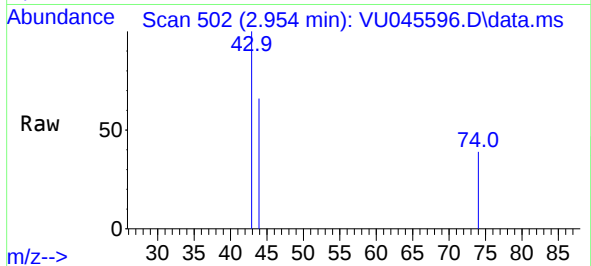




#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 2.954 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

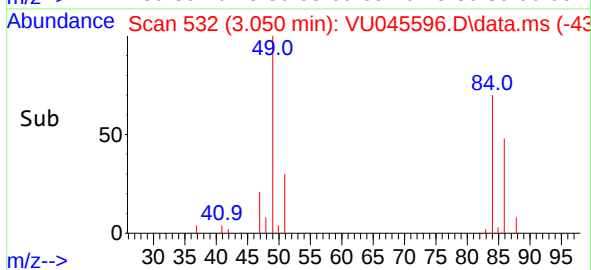
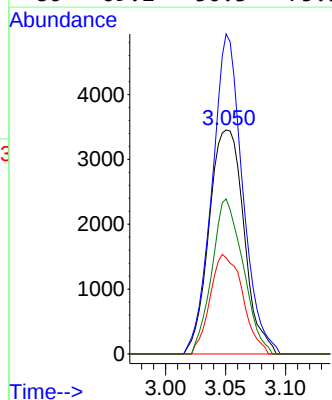
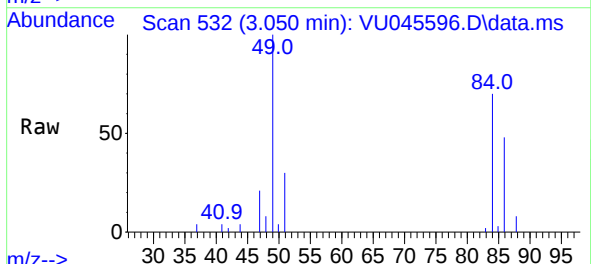
Instrument :
MSVOA_U
ClientSampleId :
WC-2-JS

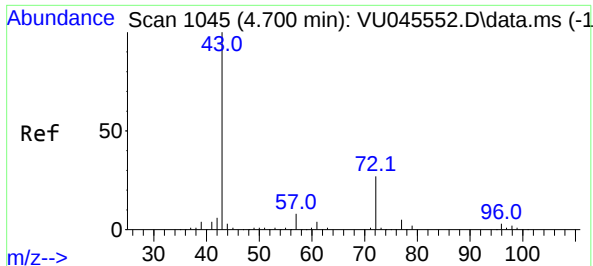
Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
74 12.4 20.2 30.2#



#20
Methylene Chloride
Concen: 4.435 ug/l
RT: 3.050 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Tgt Ion: 84 Resp: 6979
Ion Ratio Lower Upper
84 100
49 142.8 96.4 144.6
51 42.9 30.5 45.7
86 69.2 50.3 75.5

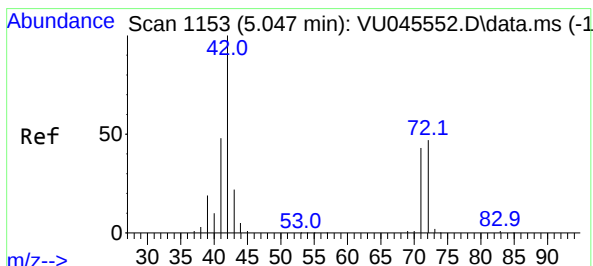
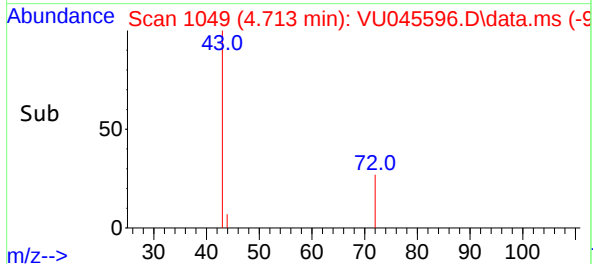
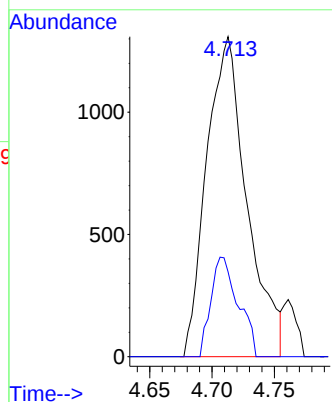
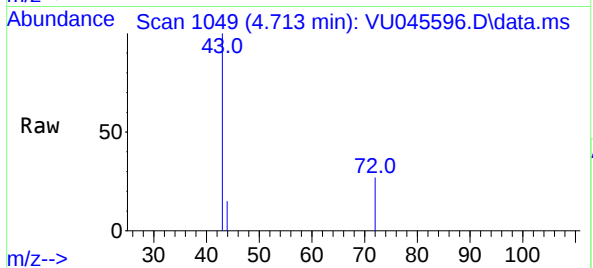




#25
2-Butanone
Concen: 2.336 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

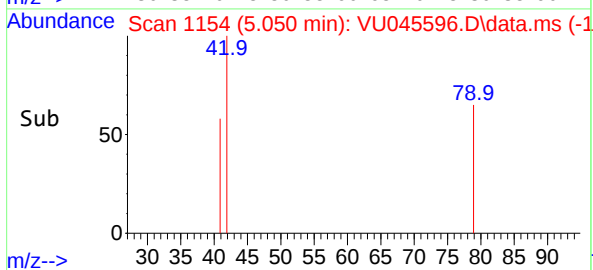
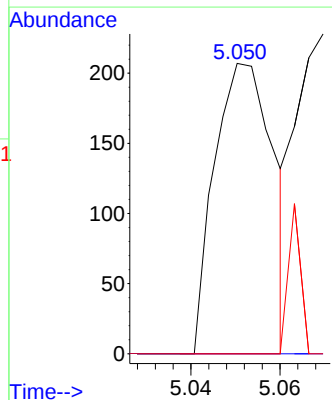
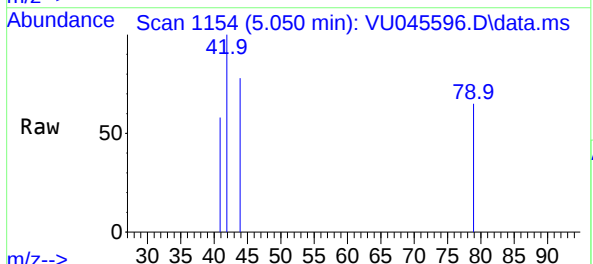
Instrument :
MSVOA_U
ClientSampleId :
WC-2-JS

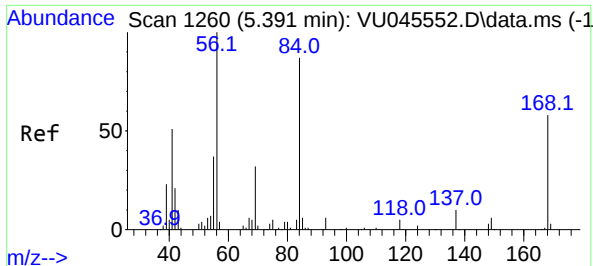
Tgt Ion: 43 Resp: 2934
Ion Ratio Lower Upper
43 100
72 26.6 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.247 ug/l
RT: 5.050 min Scan# 1154
Delta R.T. 0.003 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

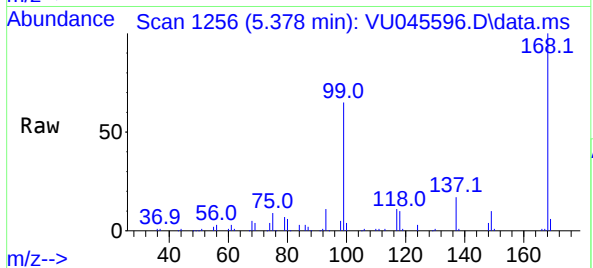
Tgt Ion: 42 Resp: 190
Ion Ratio Lower Upper
42 100
72 0.0 38.2 57.4#
71 0.0 35.4 53.2#



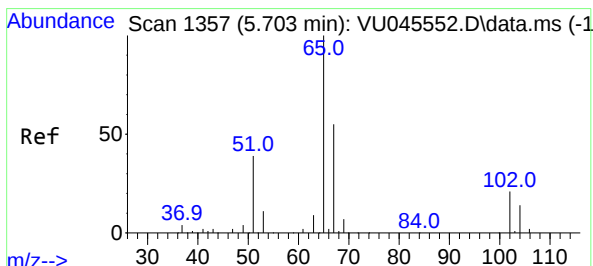
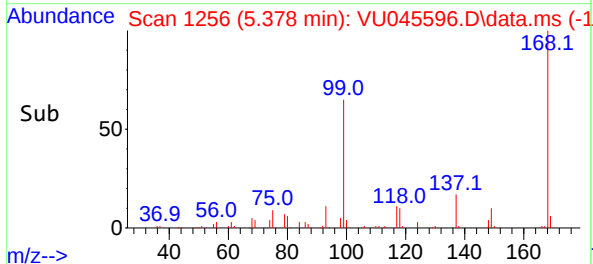
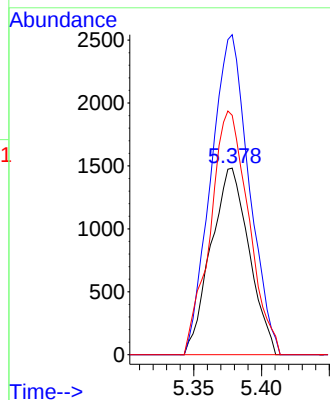


#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Instrument :
MSVOA_U
ClientSampleId :
WC-2-JS

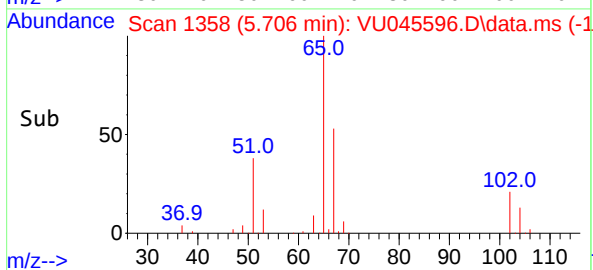
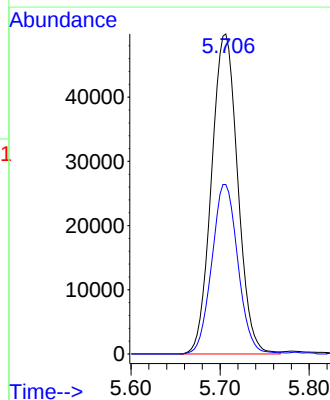
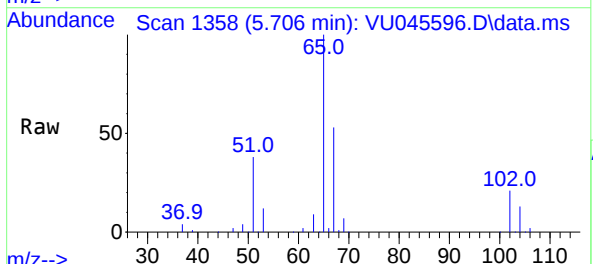


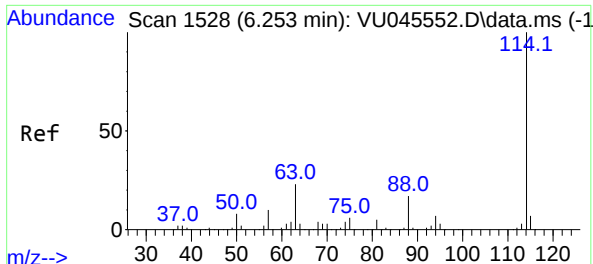
Tgt Ion: 56 Resp: 2906
Ion Ratio Lower Upper
56 100
69 171.5 26.4 39.6#
84 128.3 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 57.327 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Tgt Ion: 65 Resp: 101977
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8

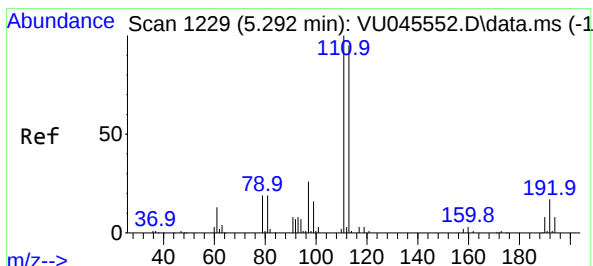
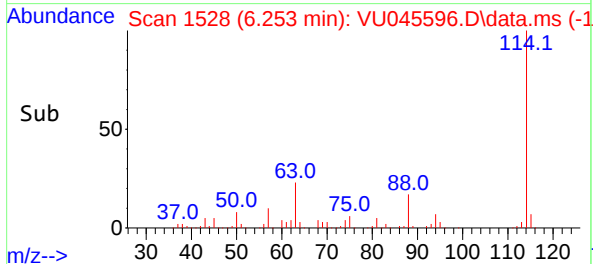
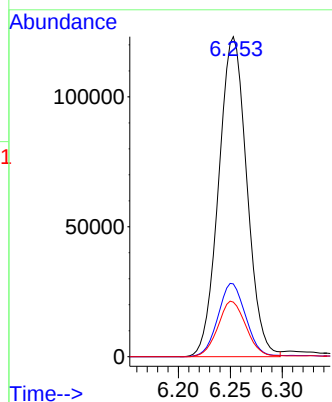
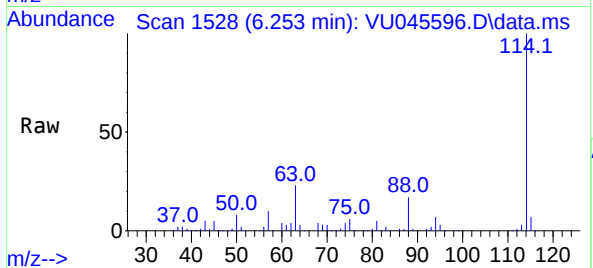




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

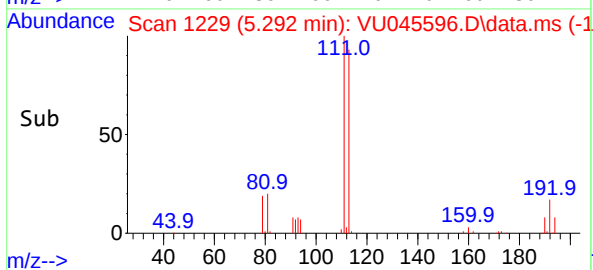
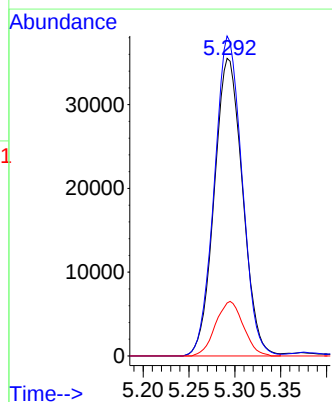
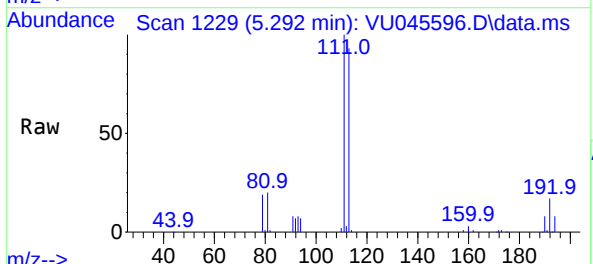
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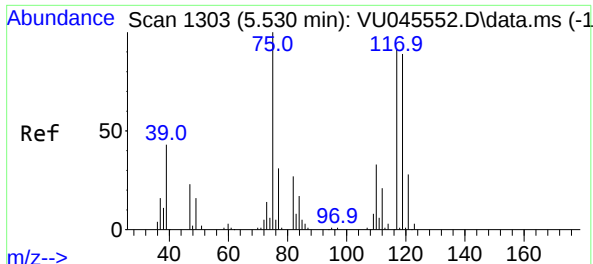
Tgt Ion:114 Resp: 232079
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.6
88 17.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Tgt Ion:113 Resp: 76385
Ion Ratio Lower Upper
113 100
111 105.0 82.8 124.2
192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.738 ug/l

RT: 5.378 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU045596.D

Acq: 06 Nov 2021 06:20

Instrument :

MSVOA_U

ClientSampleId :

WC-2-JS

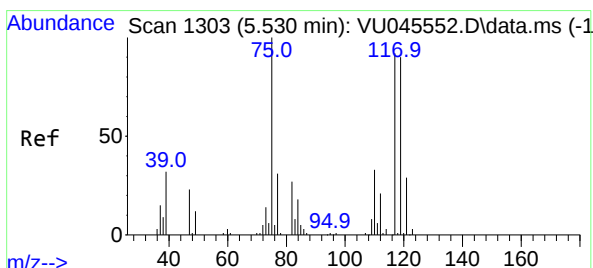
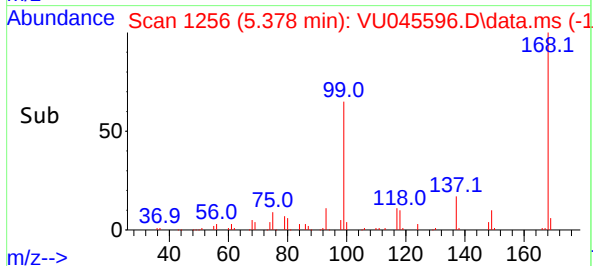
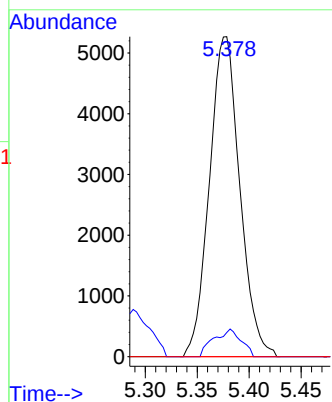
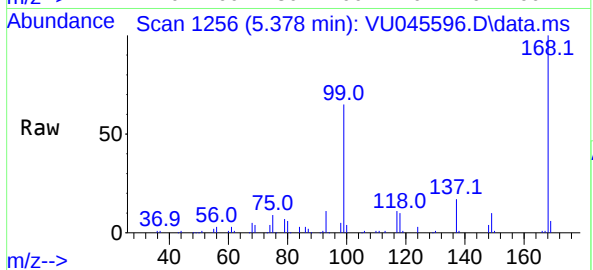
Tgt Ion: 75 Resp: 10722

Ion Ratio Lower Upper

75 100

110 7.8 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.474 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045596.D

Acq: 06 Nov 2021 06:20

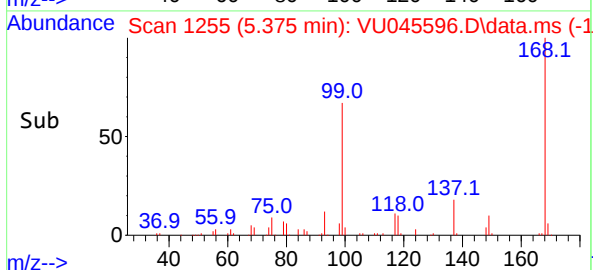
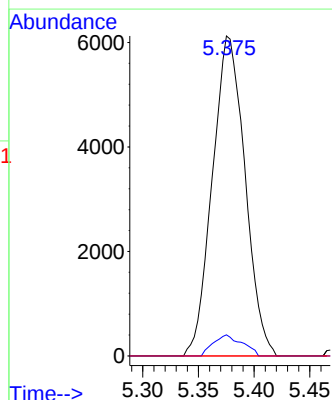
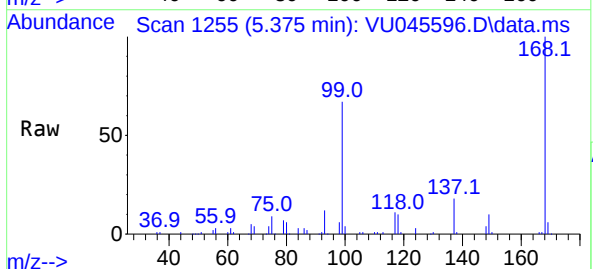
Tgt Ion: 117 Resp: 12489

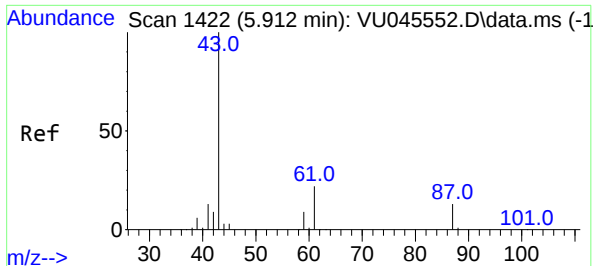
Ion Ratio Lower Upper

117 100

119 6.6 77.4 116.0#

121 0.0 24.8 37.2#

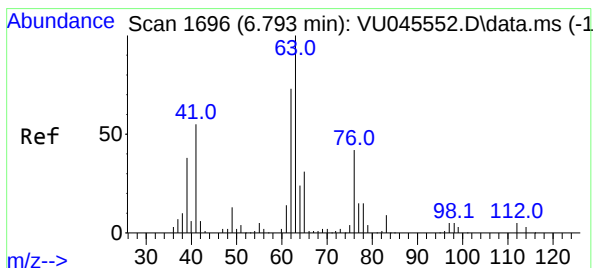
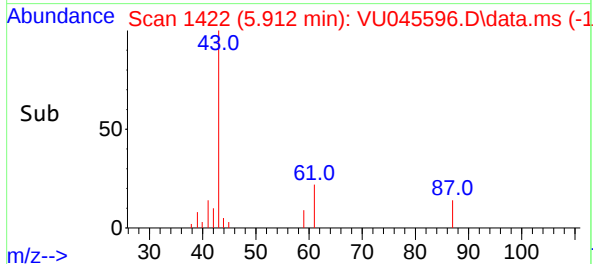
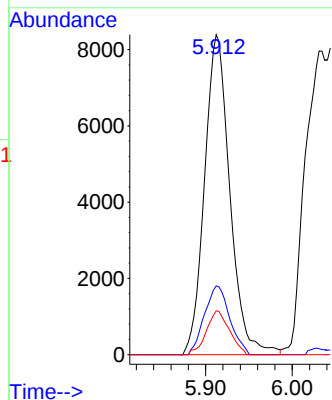
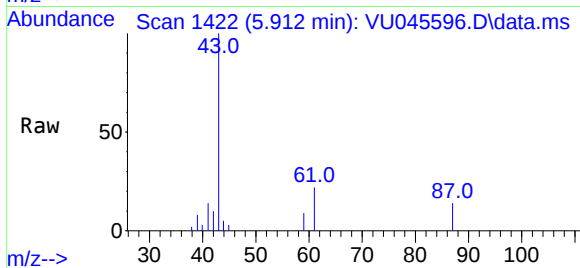




#43
Isopropyl Acetate
Concen: 4.289 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

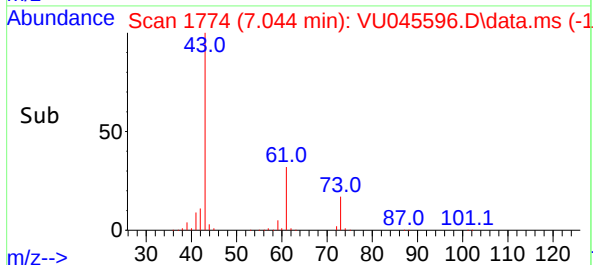
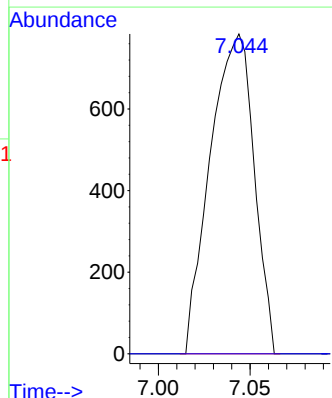
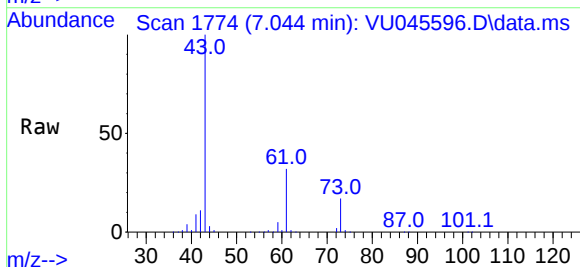
Instrument :
MSVOA_U
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WC-2-JS

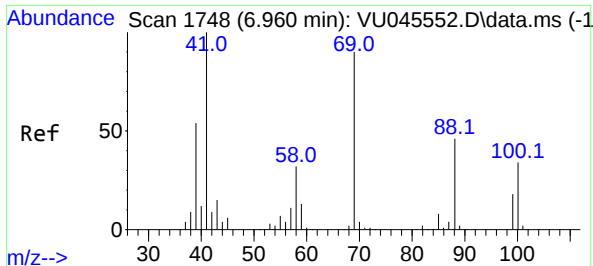
Tgt Ion:	43	Resp:	17055
Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.9	25.3
87	12.5	11.0	16.4



#45
1,2-Dichloropropane
Concen: 0.736 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.251 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Tgt Ion:	63	Resp:	1305
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.7	38.5





#48

Methyl methacrylate

Concen: 3.064 ug/l

RT: 6.890 min Scan# 11

Delta R.T. -0.071 min

Lab File: VU045596.D

Acq: 06 Nov 2021 06:20

Instrument :

MSVOA_U

ClientSampleId :

WC-2-JS

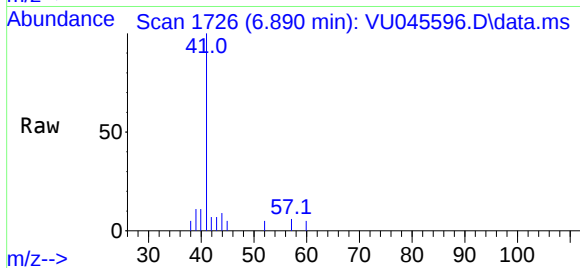
Tgt Ion: 41 Resp: 5607

Ion Ratio Lower Upper

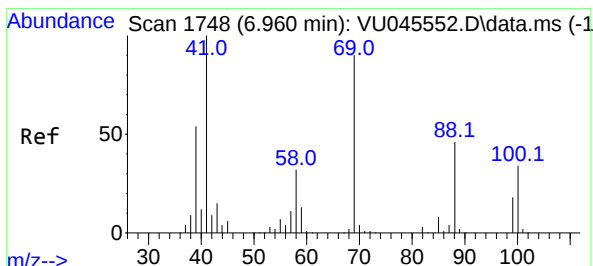
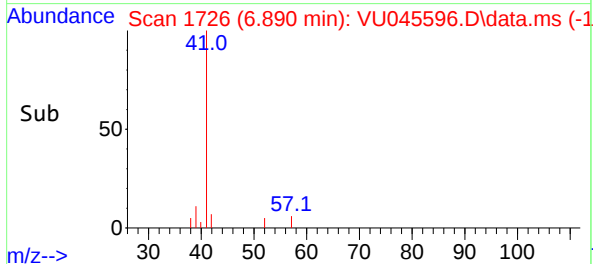
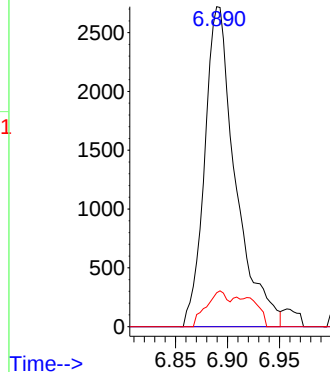
41 100

69 0.0 70.2 105.2#

39 0.0 43.9 65.9#



Abundance



#49

1,4-Dioxane

Concen: 1.339 ug/l

RT: 7.041 min Scan# 1773

Delta R.T. 0.080 min

Lab File: VU045596.D

Acq: 06 Nov 2021 06:20

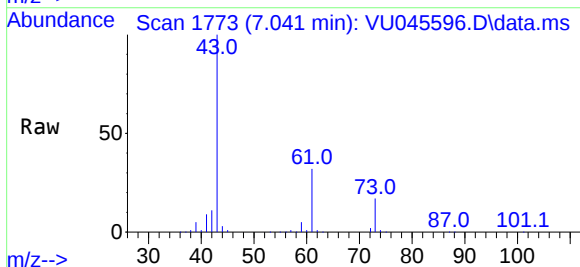
Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

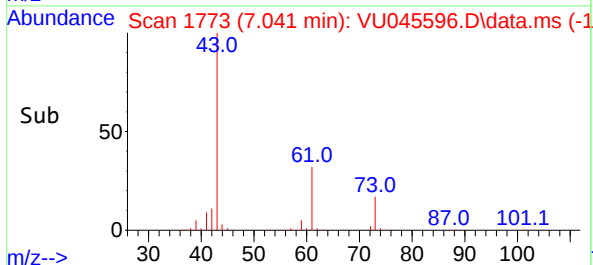
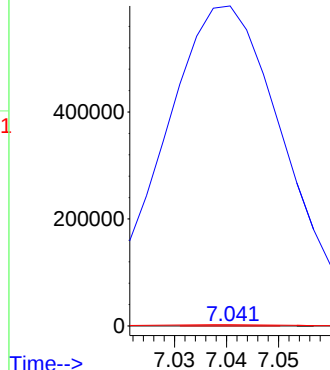
88 100

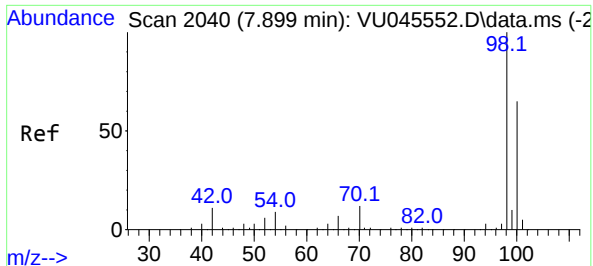
43 1653619.0 0.0 0.0#

58 7087.3 58.7 88.1#



Abundance

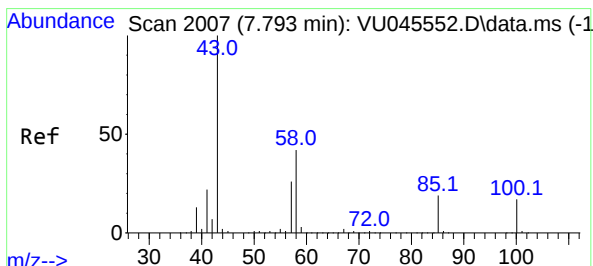
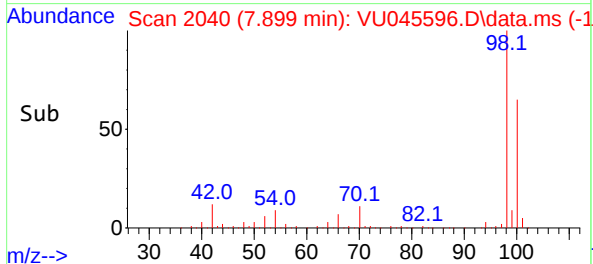
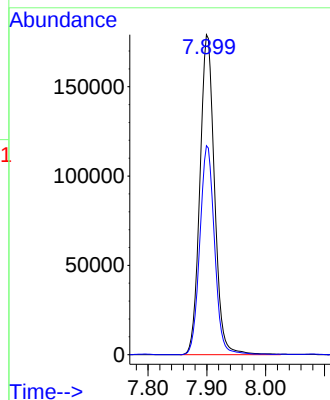
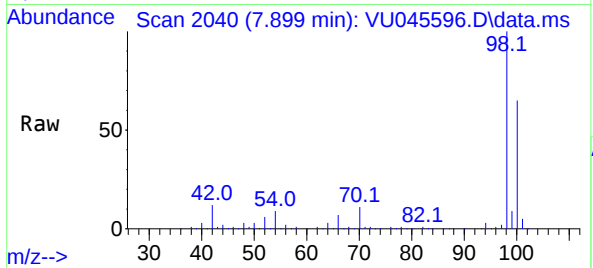




#50
Toluene-d8
Concen: 53.646 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

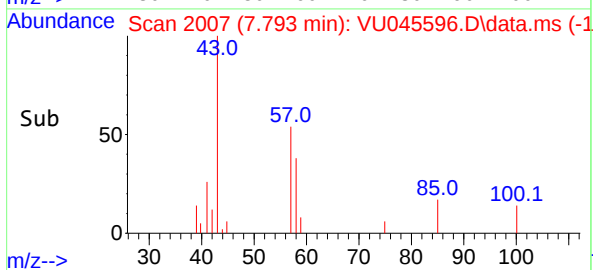
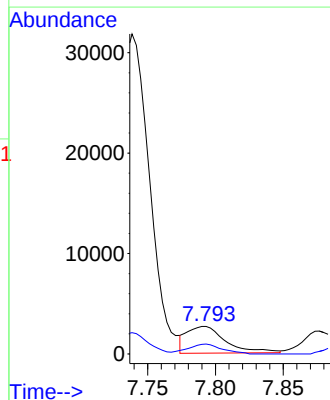
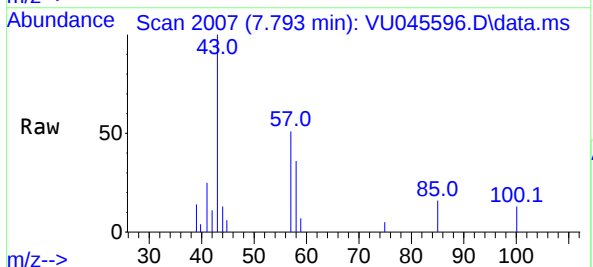
Instrument :
MSVOA_U
ClientSampleId :
WC-2-JS

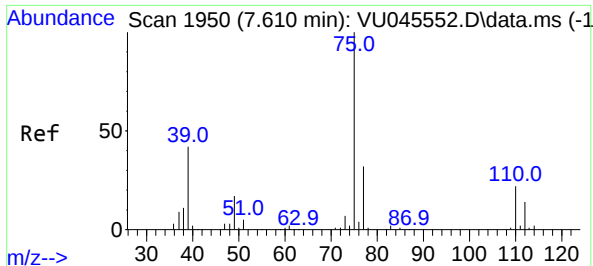
Tgt Ion: 98 Resp: 309090
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 2.034 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Tgt Ion: 43 Resp: 5334
Ion Ratio Lower Upper
43 100
58 32.3 33.8 50.8#

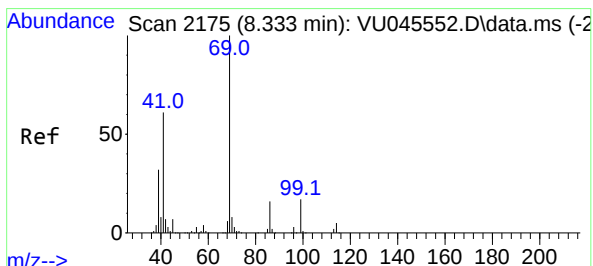
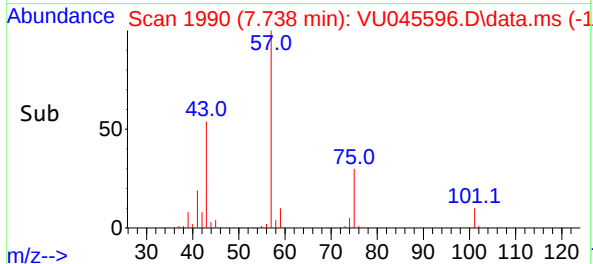
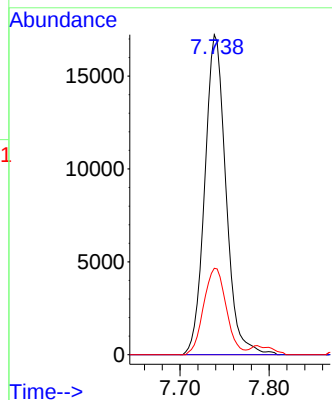
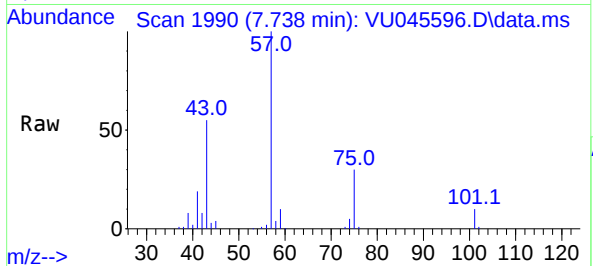




#54
cis-1,3-Dichloropropene
Concen: 9.984 ug/l
RT: 7.738 min Scan# 11
Delta R.T. 0.128 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

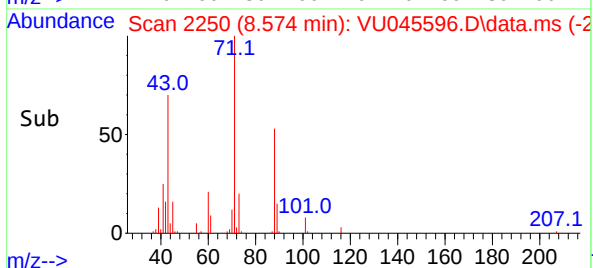
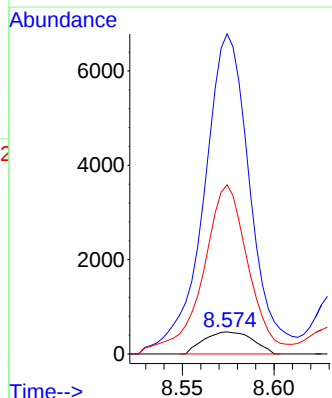
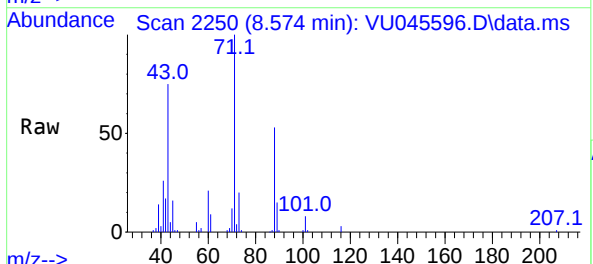
Instrument :
MSVOA_U
ClientSampleId :
WC-2-JS

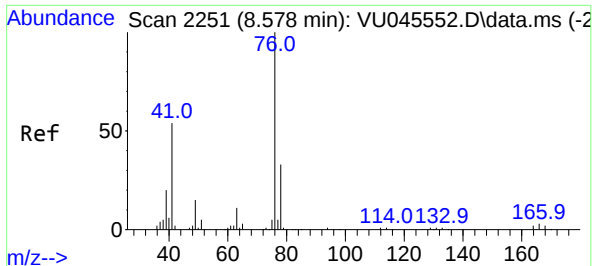
Tgt Ion: 75 Resp: 28406
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 27.0 37.1 55.7#



#56
Ethyl methacrylate
Concen: 2.694 ug/l
RT: 8.574 min Scan# 2250
Delta R.T. 0.241 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Tgt Ion: 69 Resp: 866
Ion Ratio Lower Upper
69 100
41 1376.6 51.0 76.4#
39 714.5 26.6 39.8#





#57

1,3-Dichloropropane

Concen: 6.055 ug/l

RT: 8.729 min Scan# 21

Delta R.T. 0.151 min

Lab File: VU045596.D

Acq: 06 Nov 2021 06:20

Instrument :

MSVOA_U

ClientSampleId :

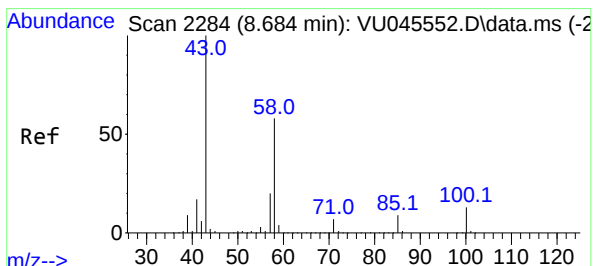
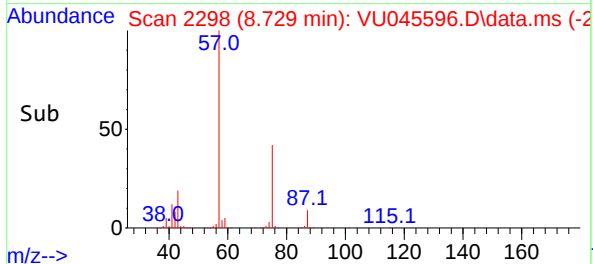
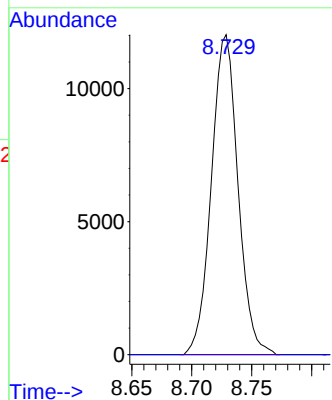
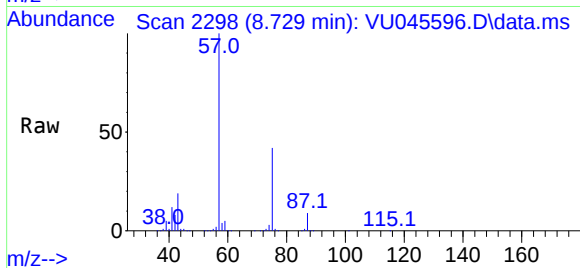
WC-2-JS

Tgt Ion: 76 Resp: 18539

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 110.253 ug/l

RT: 8.729 min Scan# 2298

Delta R.T. 0.045 min

Lab File: VU045596.D

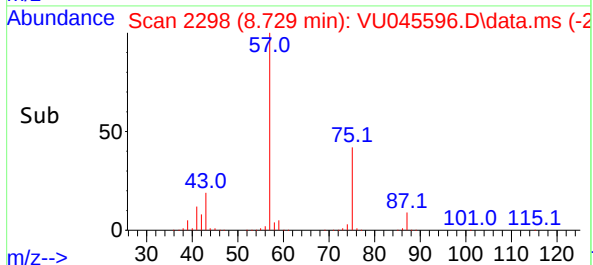
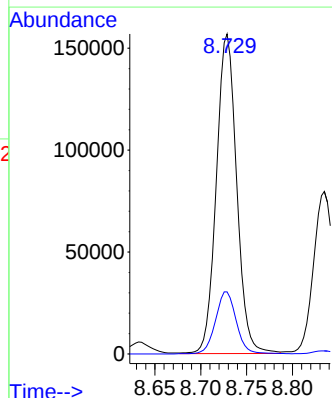
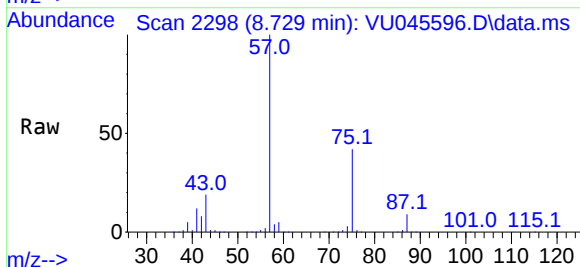
Acq: 06 Nov 2021 06:20

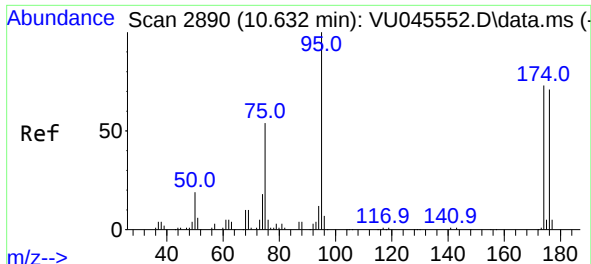
Tgt Ion: 43 Resp: 241706

Ion Ratio Lower Upper

43 100

58 20.0 29.5 88.6#

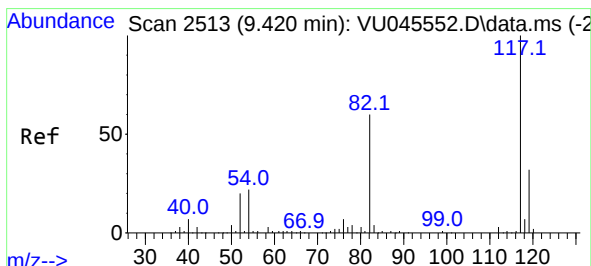
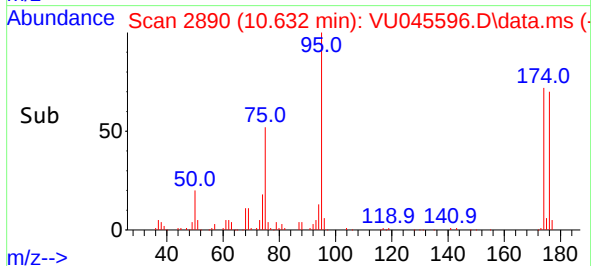
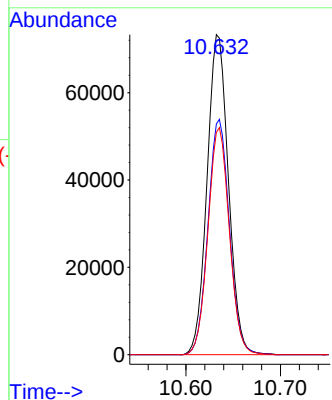
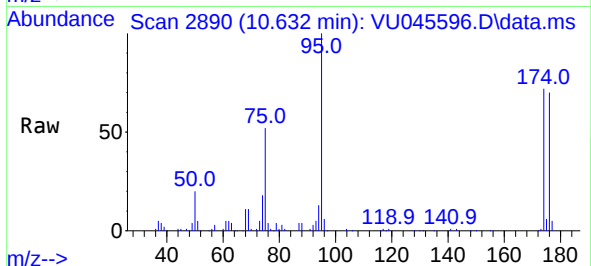




#62
4-Bromofluorobenzene
Concen: 49.880 ug/l
RT: 10.632 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

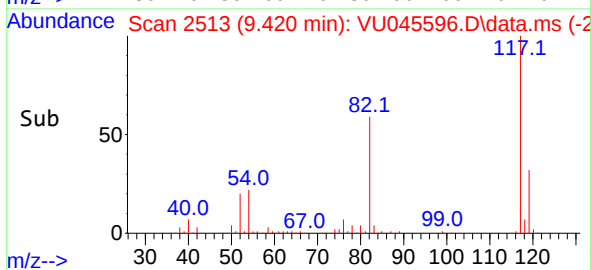
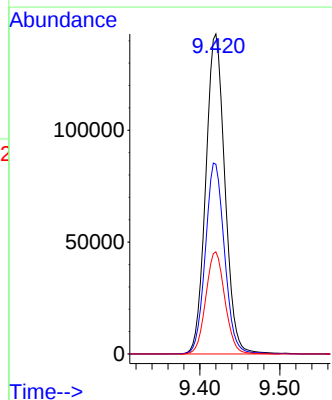
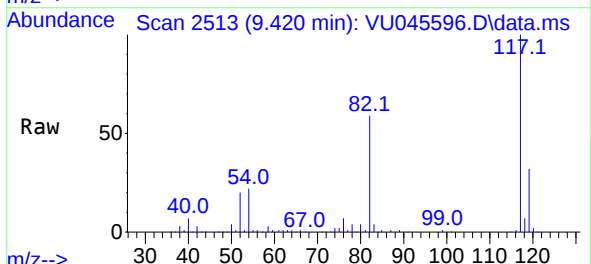
Instrument :
MSVOA_U
ClientSampleId :
WC-2-JS

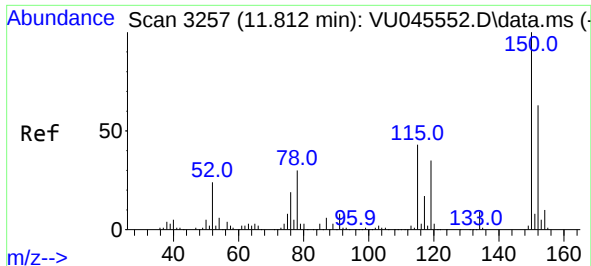
Tgt Ion: 95 Resp: 115243
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.8
176 70.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Tgt Ion: 117 Resp: 238580
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 31.9 25.8 38.8

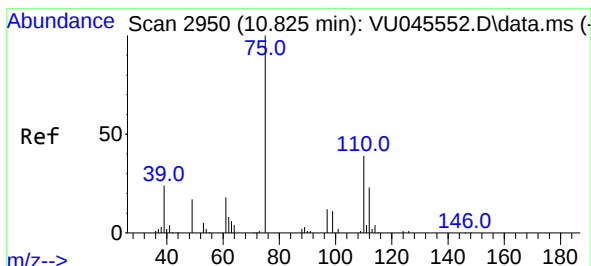
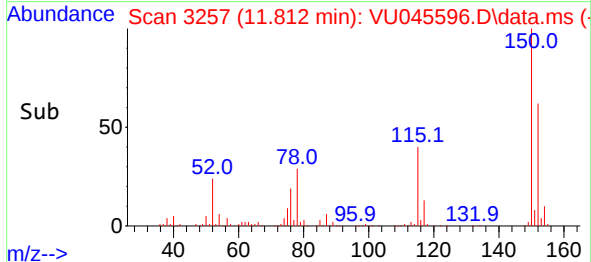
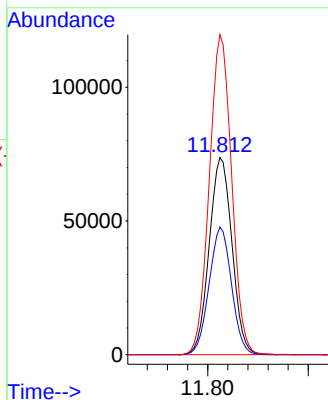
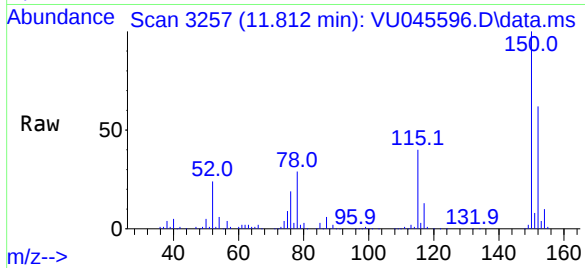




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045596.D
 Acq: 06 Nov 2021 06:20

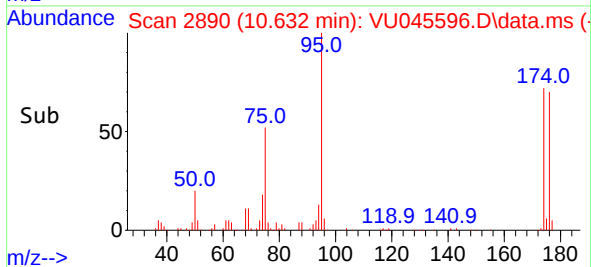
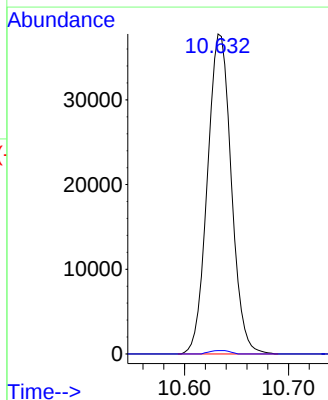
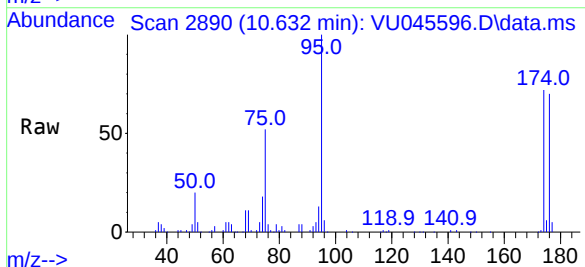
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-2-JS

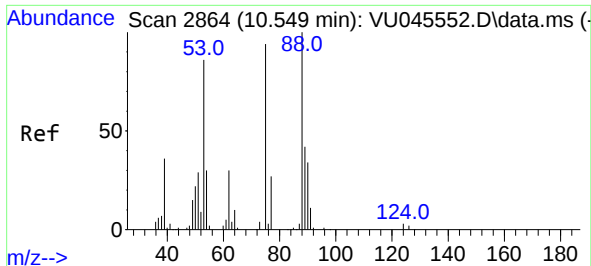
Tgt Ion:152 Resp: 116106
 Ion Ratio Lower Upper
 152 100
 115 63.6 42.7 128.1
 150 158.7 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 17.130 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.193 min
 Lab File: VU045596.D
 Acq: 06 Nov 2021 06:20

Tgt Ion: 75 Resp: 60314
 Ion Ratio Lower Upper
 75 100
 77 0.9 17.1 51.3#

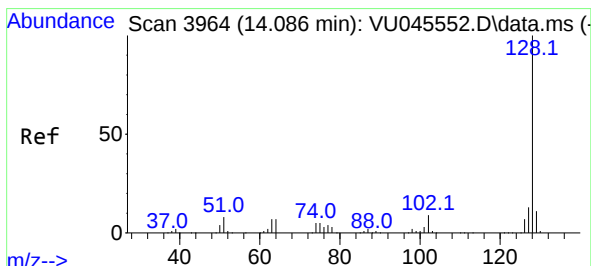
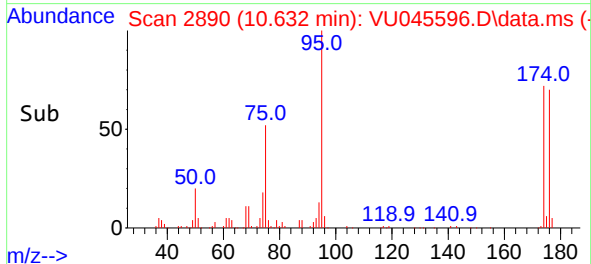
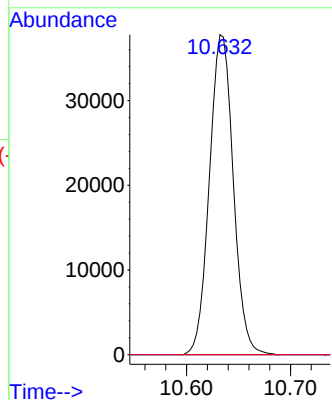
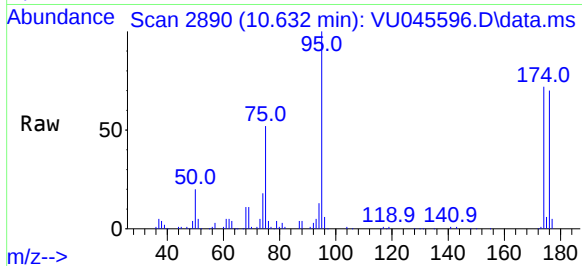




#81
trans-1,4-Dichloro-2-butene
Concen: 55.750 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.083 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Instrument :
MSVOA_U
ClientSampleId :
WC-2-JS

Tgt Ion: 75 Resp: 60314
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.069 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045596.D
Acq: 06 Nov 2021 06:20

Tgt Ion: 128 Resp: 385
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

