

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048862.D
 Acq On : 03 Jun 2022 17:03
 Operator : SY/MD
 Sample : N3112-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB07-20220527

Quant Time: Jun 04 04:39:08 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)

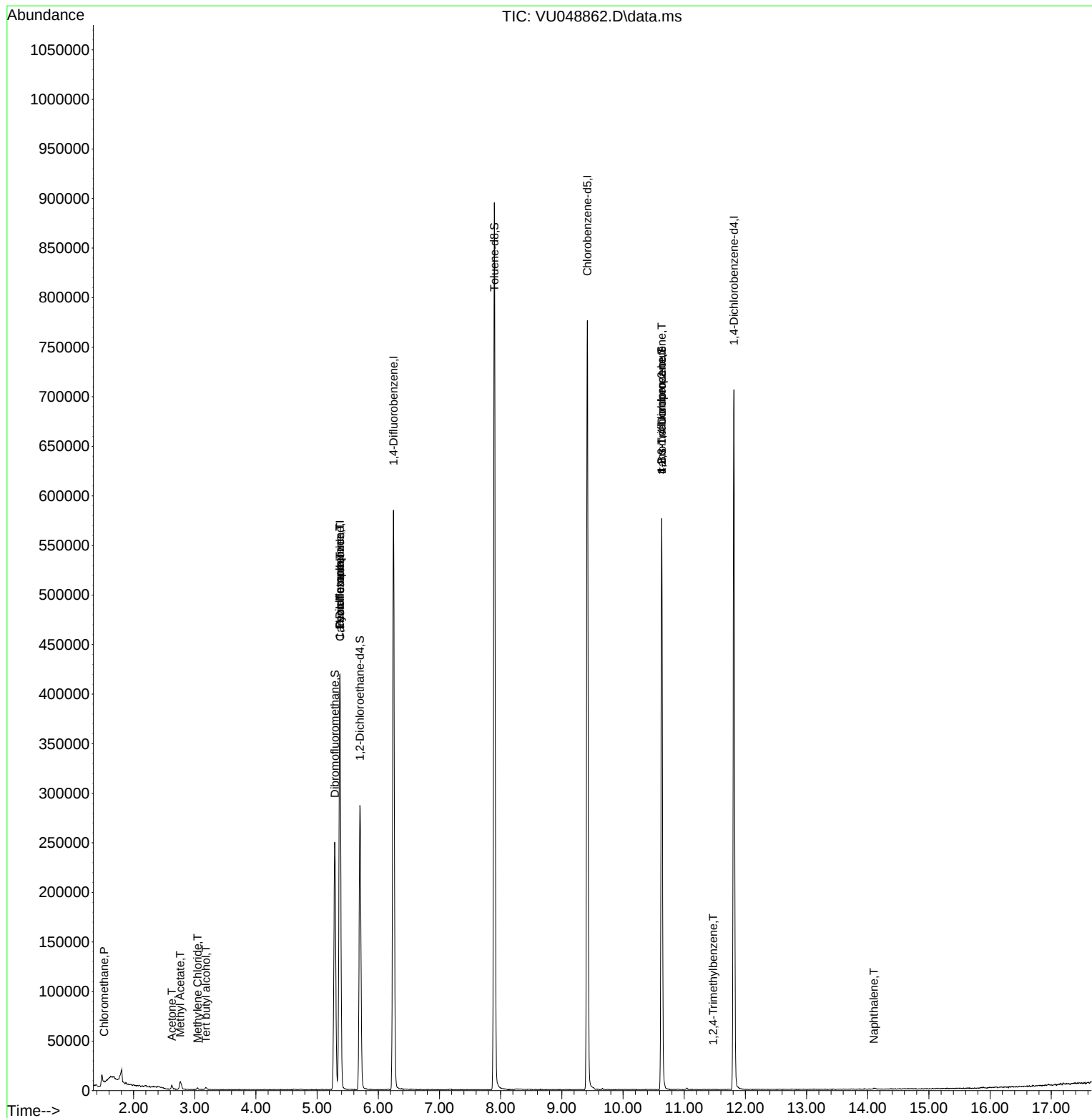
Internal Standards						
1) Pentafluorobenzene	5.372	168	283614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	466670	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	427706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	186531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	219618	51.562	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.120%	
35) Dibromofluoromethane	5.288	113	164132	49.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.600%	
50) Toluene-d8	7.896	98	581521	48.726	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	10.632	95	193399	42.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1242	0.297	ug/l	99
5) Bromomethane	1.838	94	410	Below Cal	#	71
6) Chloroethane	1.999	64	411	Below Cal	#	77
11) Tert butyl alcohol	3.182	59	1239	1.147	ug/l #	28
16) Acetone	2.623	43	4833	2.227	ug/l	92
18) Methyl Acetate	2.761	43	2717	0.499	ug/l #	51
20) Methylene Chloride	3.044	84	935	0.253	ug/l #	83
31) Cyclohexane	5.372	56	6069	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	23686	4.875	ug/l #	50
38) Carbon Tetrachloride	5.375	117	30281	5.432	ug/l #	16
76) 1,2,3-Trichloropropane	10.632	75	99556	16.553	ug/l #	48
81) trans-1,4-Dichloro-2-b...	10.632	75	99556	60.103	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.475	105	105	1.196	ug/l #	31
95) Naphthalene	14.102	128	1100	2.604	ug/l #	79

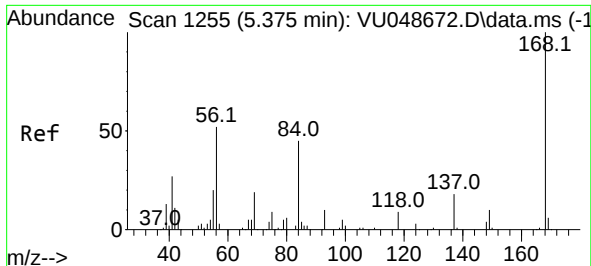
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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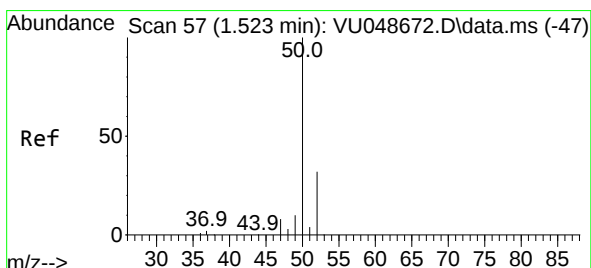
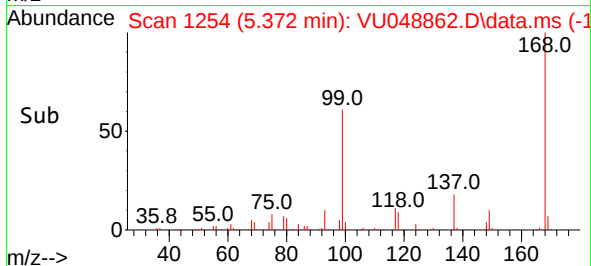
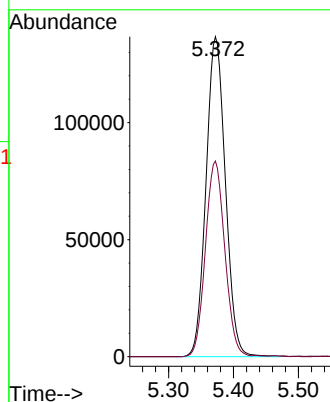
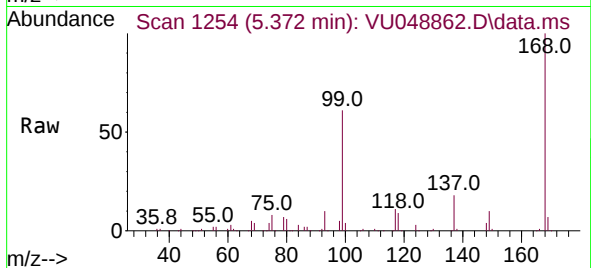




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

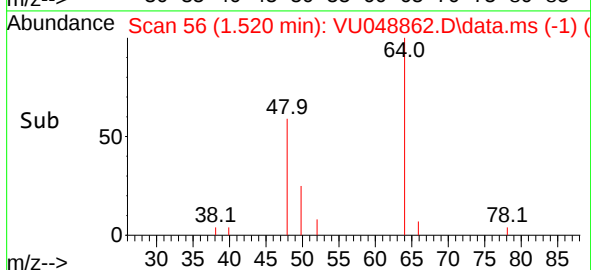
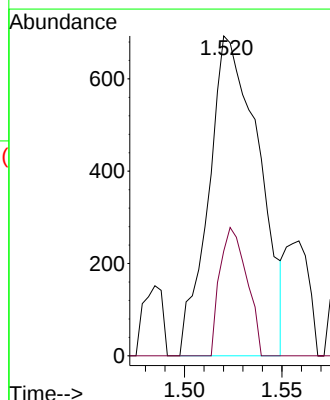
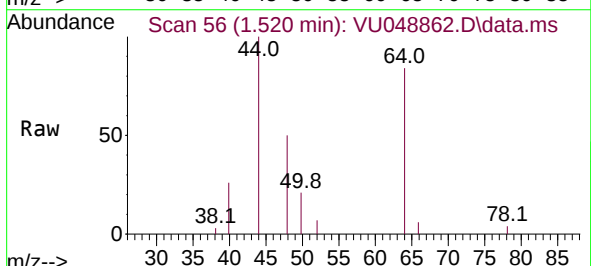
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

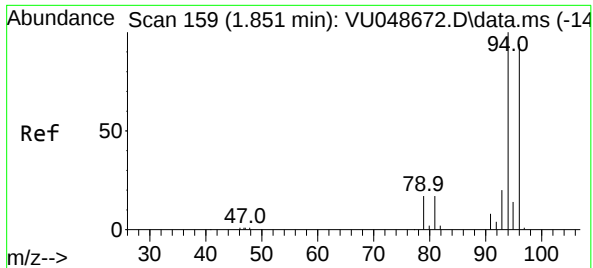
Tgt Ion:168 Resp: 283614
Ion Ratio Lower Upper
168 100
99 61.2 49.3 73.9



#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Tgt Ion: 50 Resp: 1242
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5

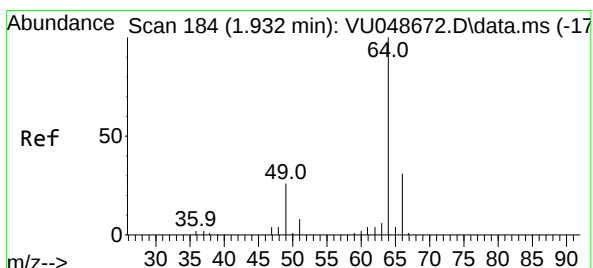
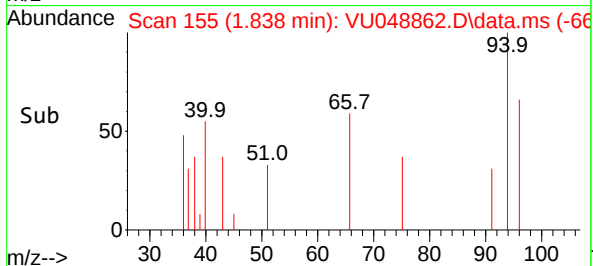
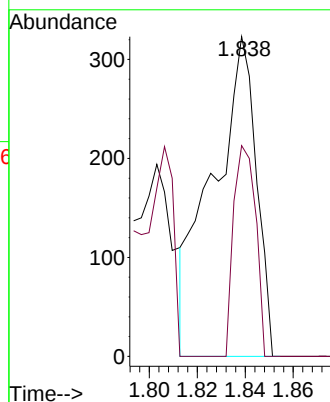
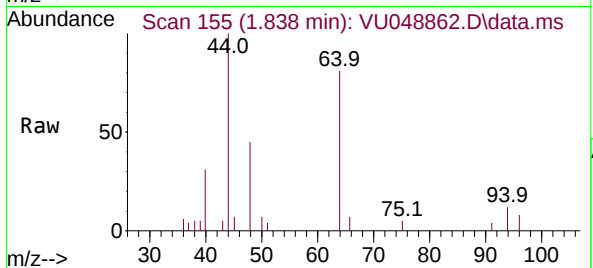




#5
Bromomethane
Concen: Below Cal
RT: 1.838 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

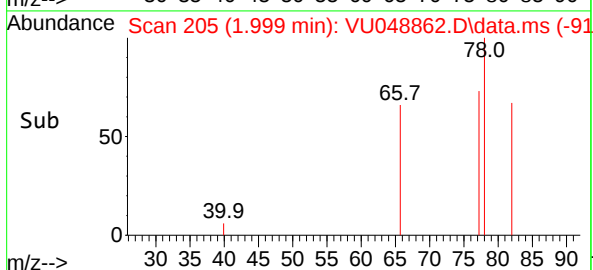
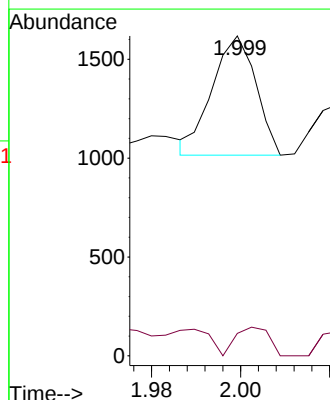
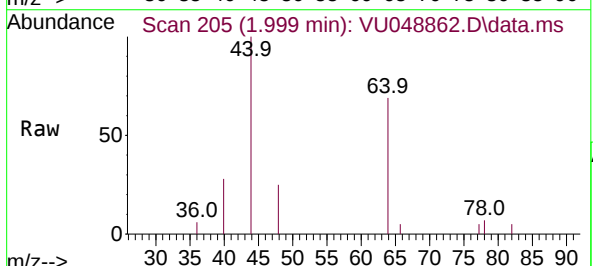
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

Tgt Ion: 94 Resp: 410
Ion Ratio Lower Upper
94 100
96 65.9 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.999 min Scan# 205
Delta R.T. 0.067 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Tgt Ion: 64 Resp: 411
Ion Ratio Lower Upper
64 100
66 18.9 25.2 37.8#

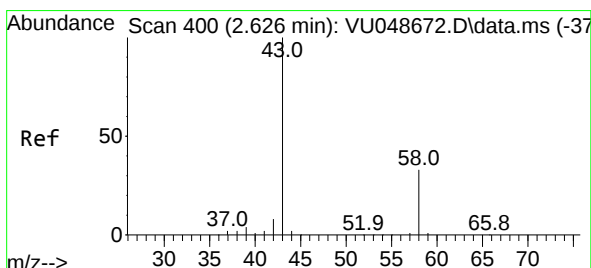
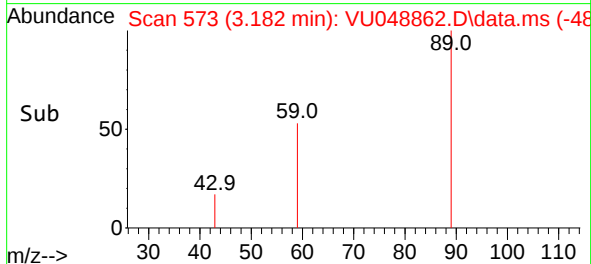
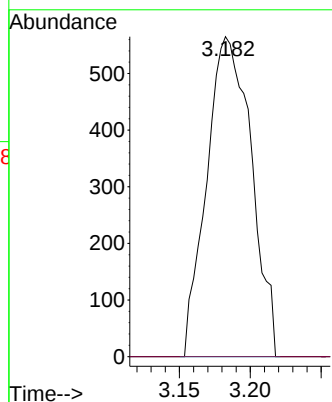
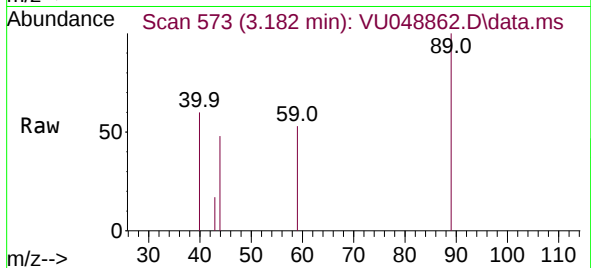




#11
Tert butyl alcohol
Concen: 1.147 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

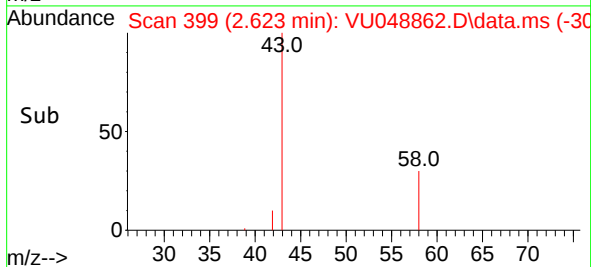
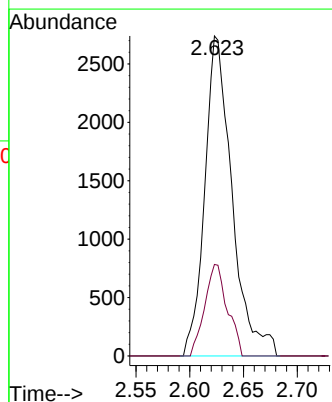
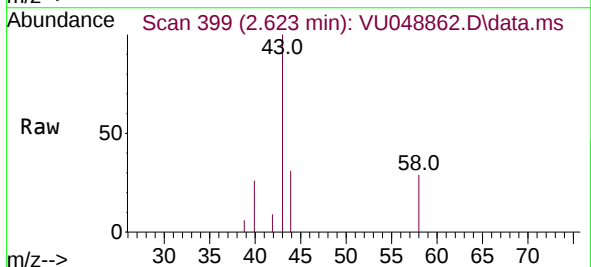
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

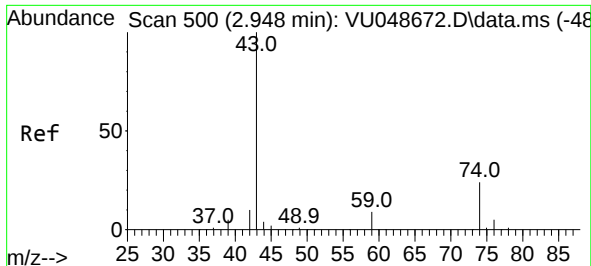
Tgt Ion: 59 Resp: 1239
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#



#16
Acetone
Concen: 2.227 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Tgt Ion: 43 Resp: 4833
Ion Ratio Lower Upper
43 100
58 28.6 26.3 39.5





#18

Methyl Acetate

Concen: 0.499 ug/l

RT: 2.761 min Scan# 44

Delta R.T. -0.186 min

Lab File: VU048862.D

Acq: 03 Jun 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

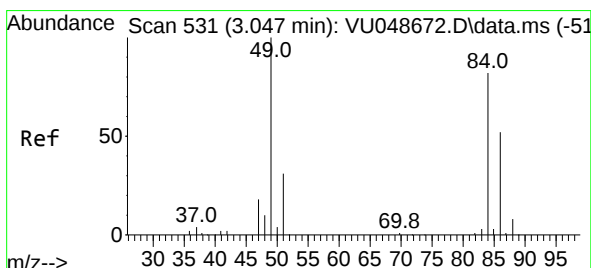
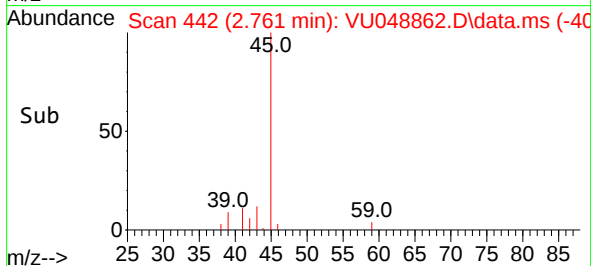
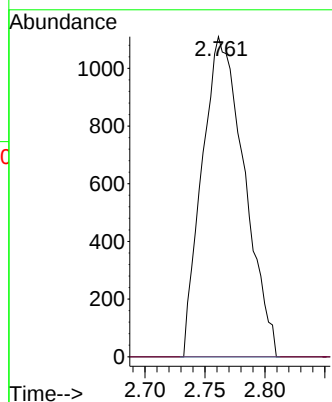
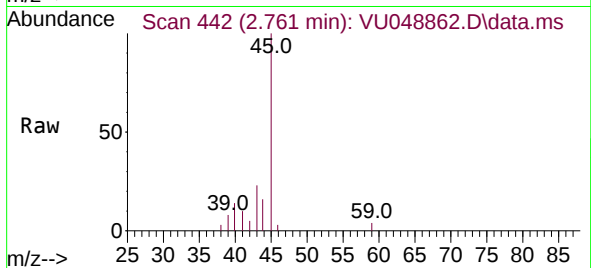
TB07-20220527

Tgt Ion: 43 Resp: 2717

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#20

Methylene Chloride

Concen: 0.253 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048862.D

Acq: 03 Jun 2022 17:03

Tgt Ion: 84 Resp: 935

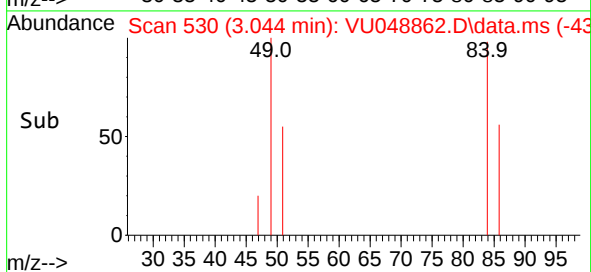
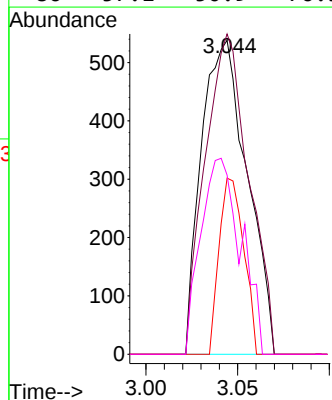
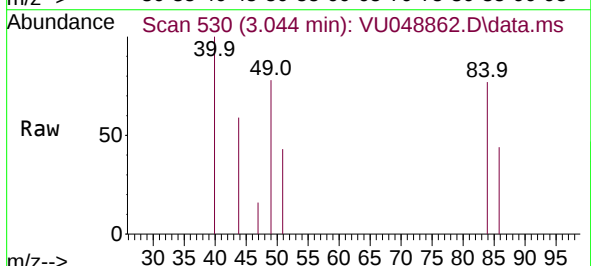
Ion Ratio Lower Upper

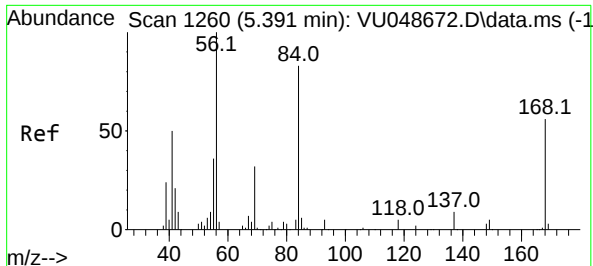
84 100

49 102.0 97.0 145.4

51 56.1 29.8 44.8#

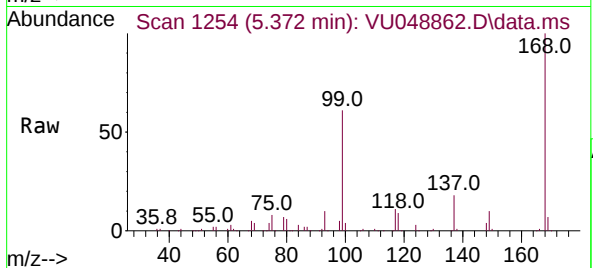
86 57.1 50.9 76.3



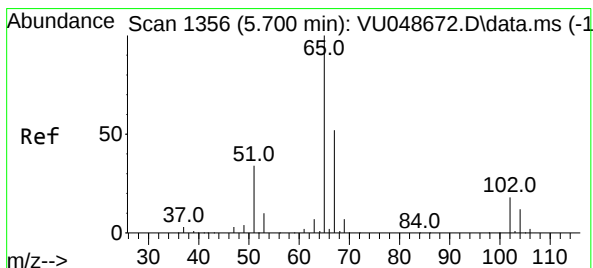
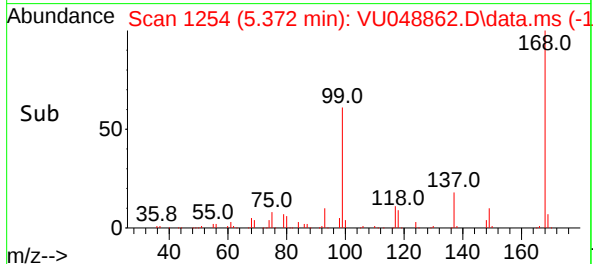
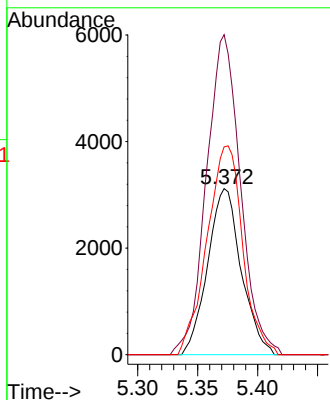


#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

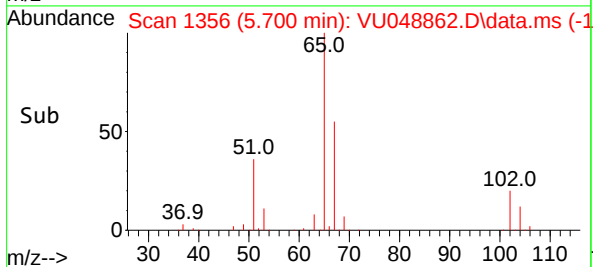
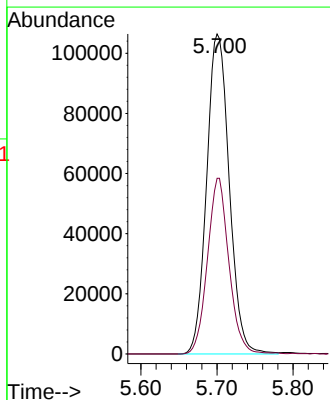
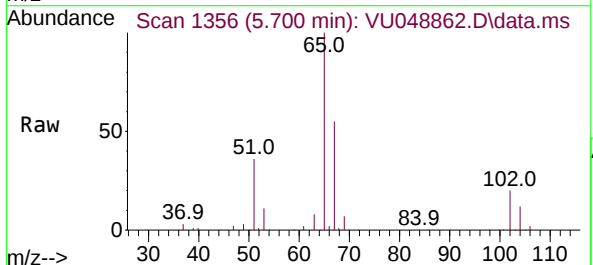


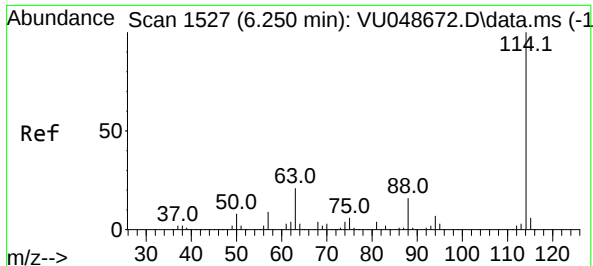
Tgt Ion: 56 Resp: 6069
Ion Ratio Lower Upper
56 100
69 188.5 25.6 38.4#
84 125.1 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 51.562 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Tgt Ion: 65 Resp: 219618
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# 11

Delta R.T. -0.000 min

Lab File: VU048862.D

Acq: 03 Jun 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

TB07-20220527

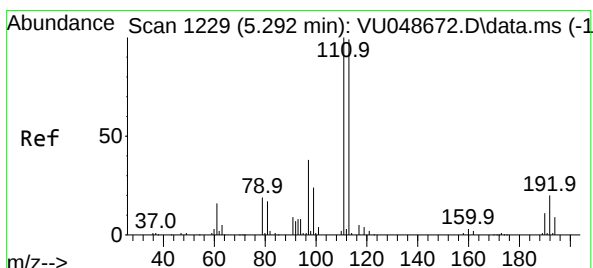
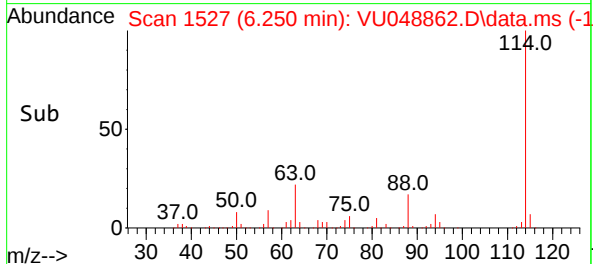
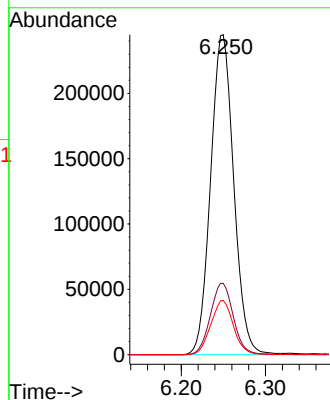
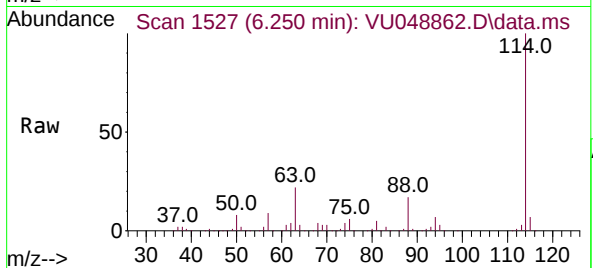
Tgt Ion:114 Resp: 466670

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.6

88 16.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.299 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048862.D

Acq: 03 Jun 2022 17:03

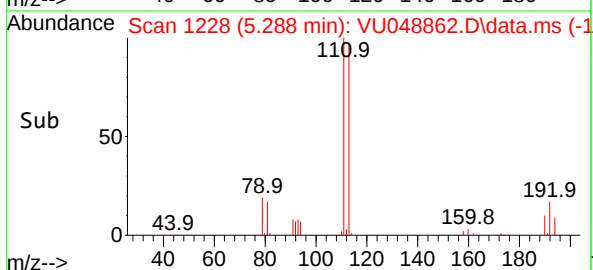
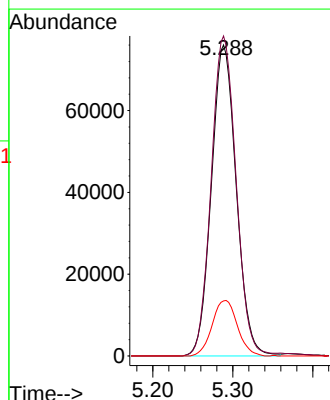
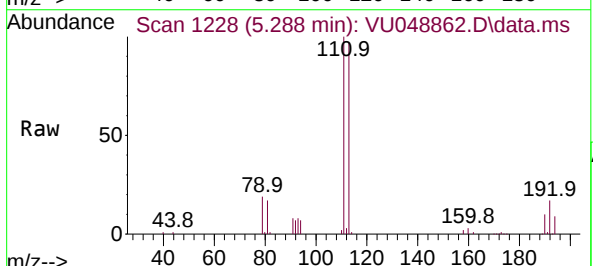
Tgt Ion:113 Resp: 164132

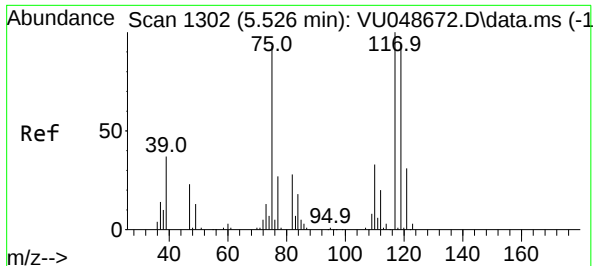
Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

192 18.1 15.9 23.9

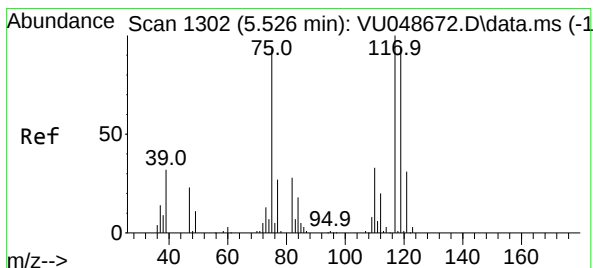
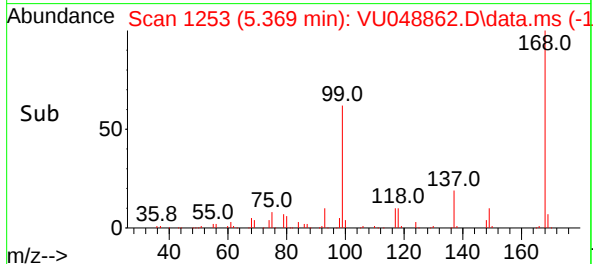
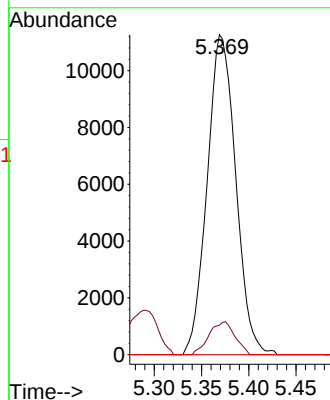
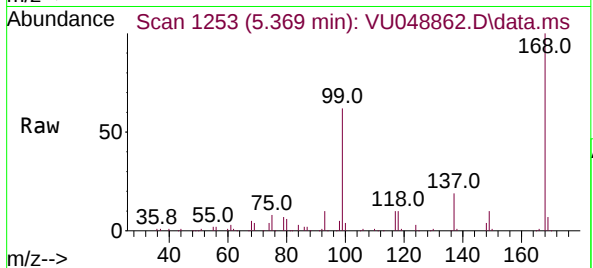




#36
 1,1-Dichloropropene
 Concen: 4.875 ug/l
 RT: 5.369 min Scan# 11
 Delta R.T. -0.158 min
 Lab File: VU048862.D
 Acq: 03 Jun 2022 17:03

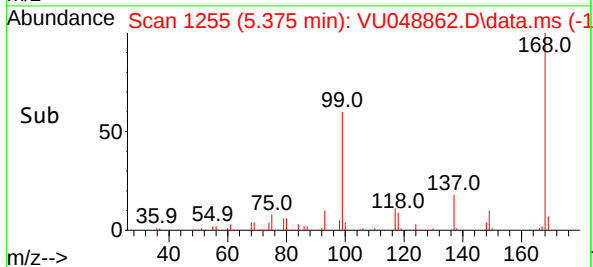
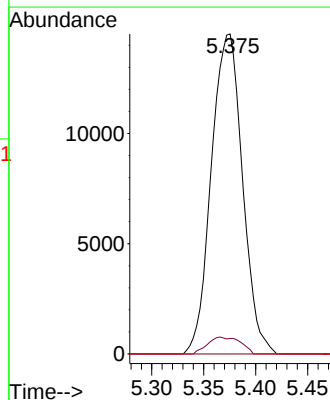
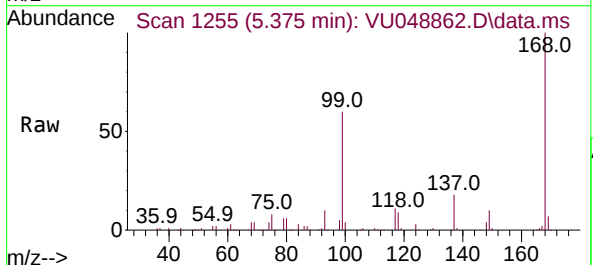
Instrument :
 MSVOA_U
 ClientSampleId :
 TB07-20220527

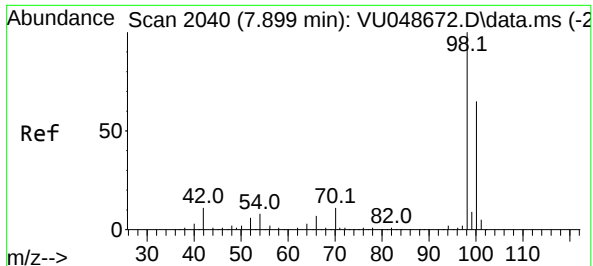
Tgt Ion: 75 Resp: 23686
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.4 52.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.432 ug/l
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.151 min
 Lab File: VU048862.D
 Acq: 03 Jun 2022 17:03

Tgt Ion: 117 Resp: 30281
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.4 113.2#
 121 0.0 24.6 36.8#

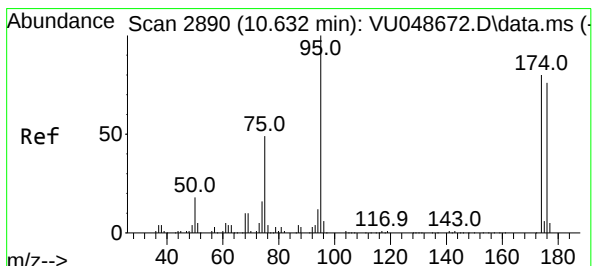
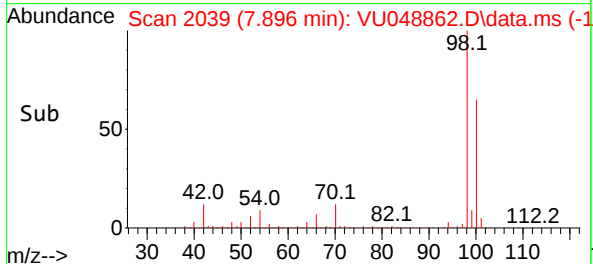
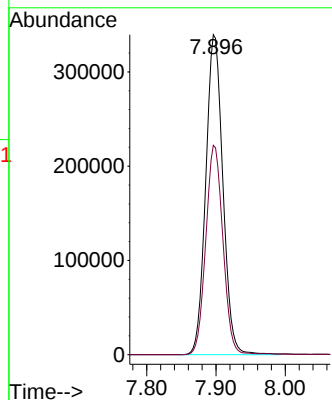
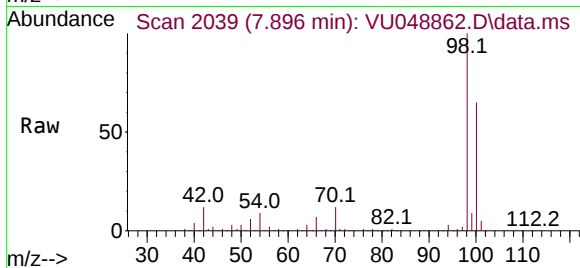




#50
Toluene-d8
Concen: 48.726 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

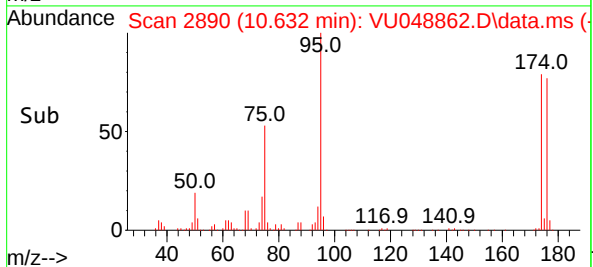
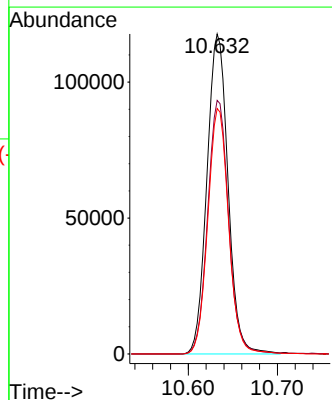
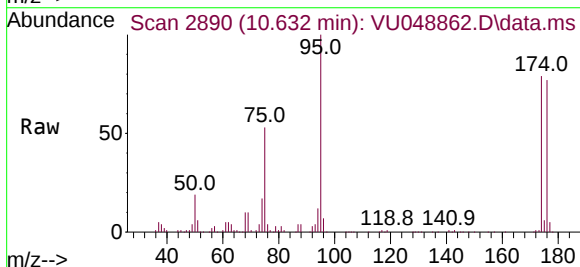
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

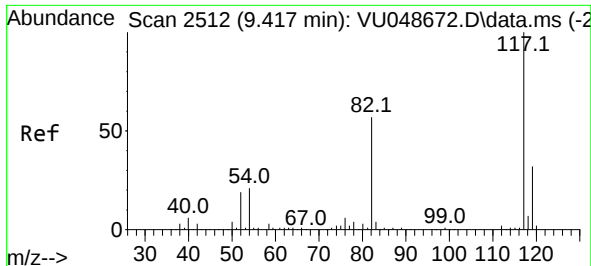
Tgt Ion: 98 Resp: 581521
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.849 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Tgt Ion: 95 Resp: 193399
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.4
176 75.8 0.0 152.4

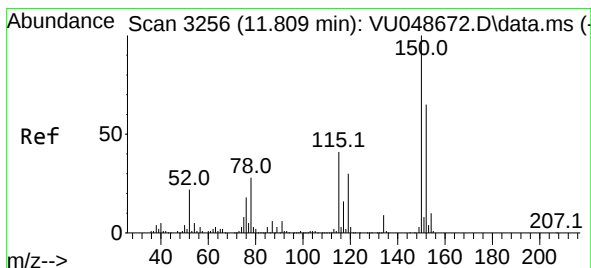
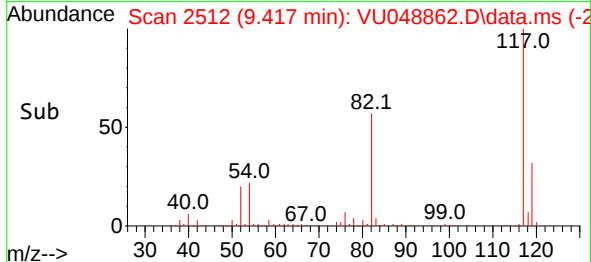
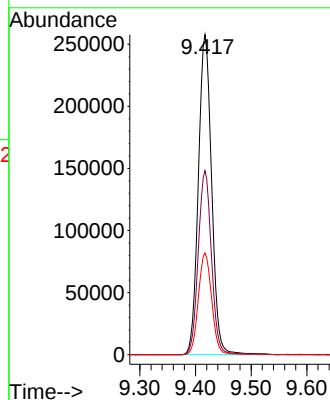
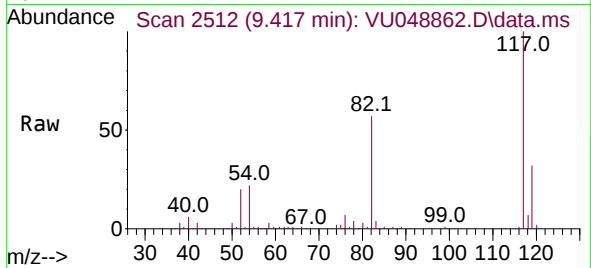




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

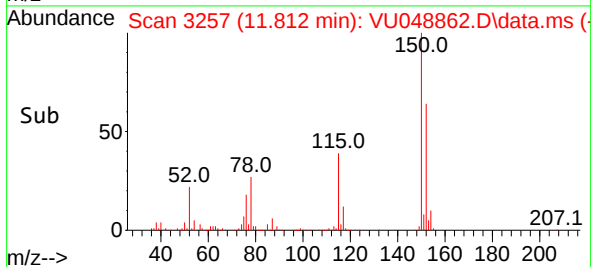
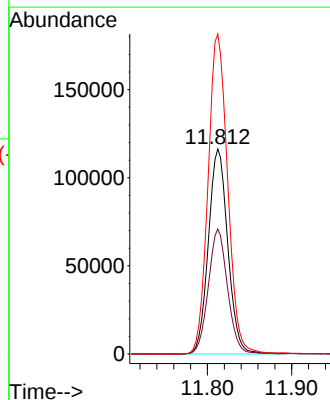
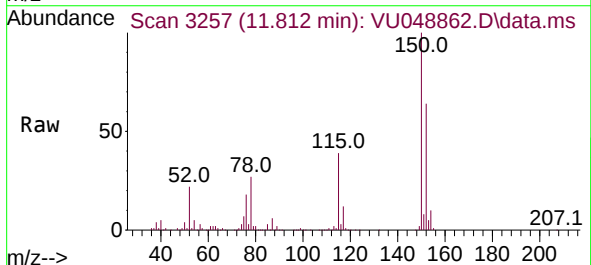
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

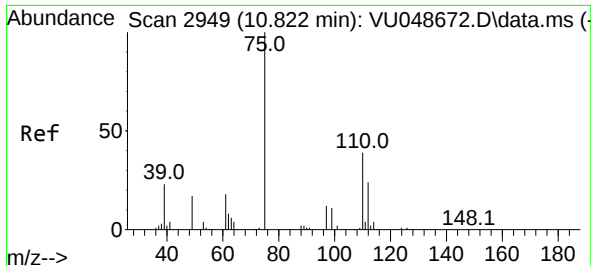
Tgt Ion:117 Resp: 427706
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Tgt Ion:152 Resp: 186531
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 157.1 0.0 341.0

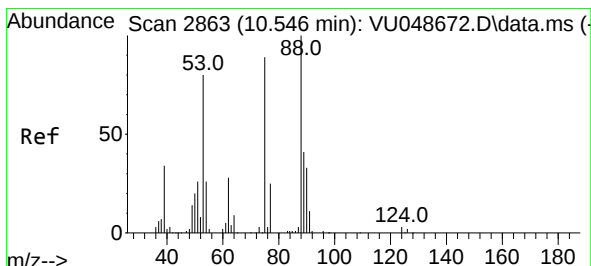
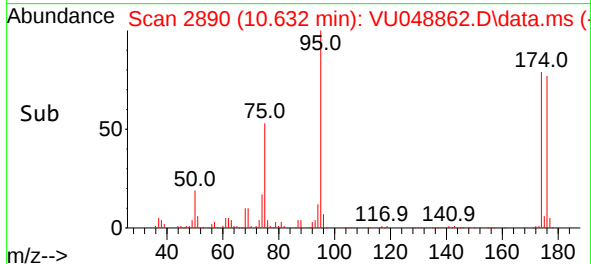
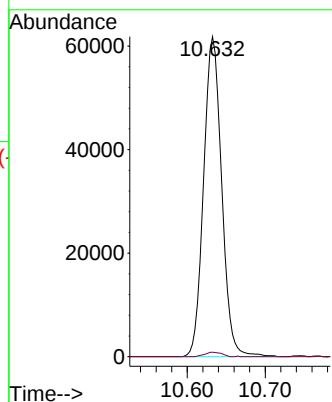
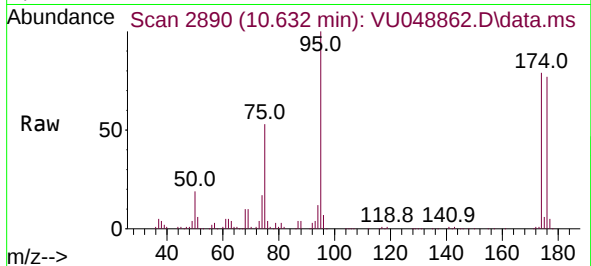




#76
1,2,3-Trichloropropane
Concen: 16.553 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

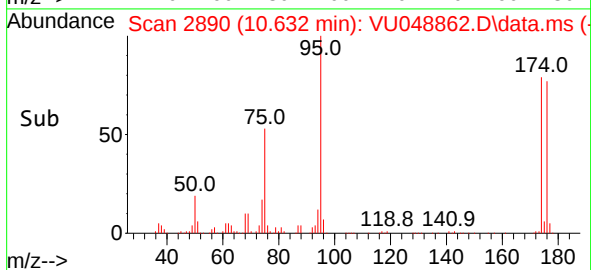
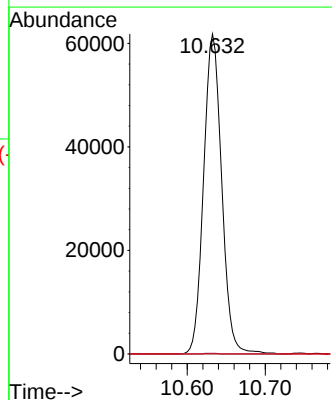
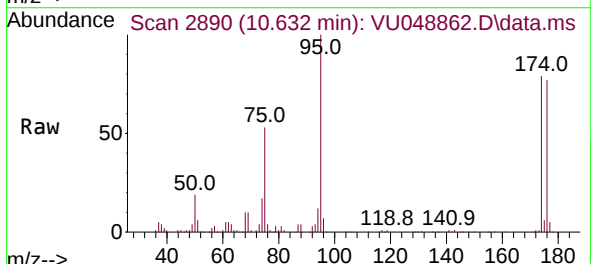
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

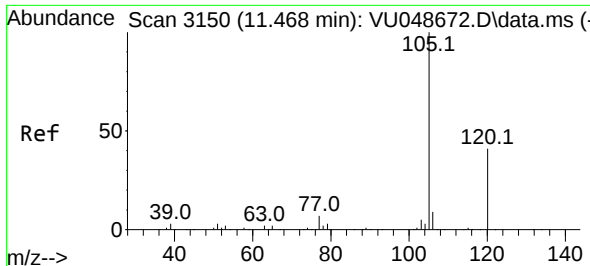
Tgt Ion: 75 Resp: 99556
Ion Ratio Lower Upper
75 100
77 1.3 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.103 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Tgt Ion: 75 Resp: 99556
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#

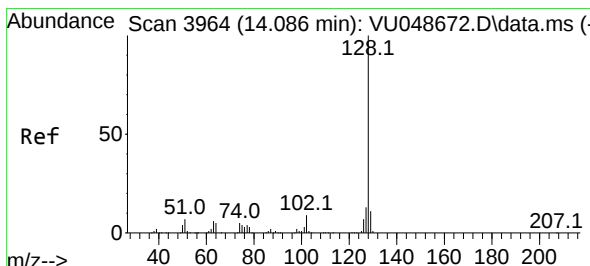
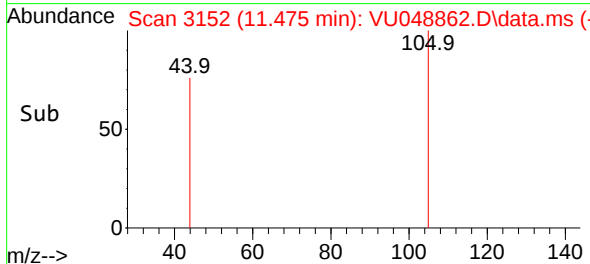
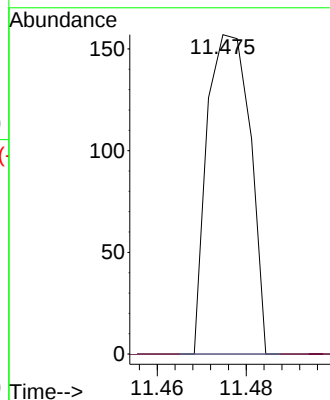
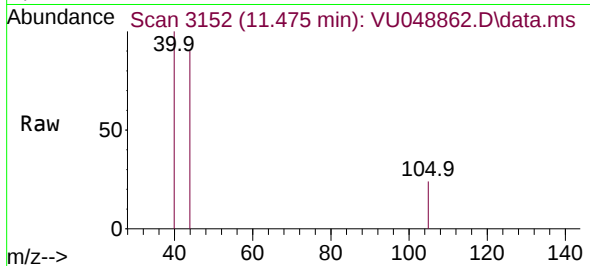




#84
1,2,4-Trimethylbenzene
Concen: 1.196 ug/l
RT: 11.475 min Scan# 3150
Delta R.T. 0.007 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

Tgt Ion:105 Resp: 105
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#



#95
Naphthalene
Concen: 2.604 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VU048862.D
Acq: 03 Jun 2022 17:03

Tgt Ion:128 Resp: 1100
Ion Ratio Lower Upper
128 100
127 3.6 10.2 15.4#
129 3.9 8.7 13.1#

