

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048836.D
 Acq On : 03 Jun 2022 04:49
 Operator : SY/MD
 Sample : N3112-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-125.9T-20220527

Quant Time: Jun 03 06:56:57 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)

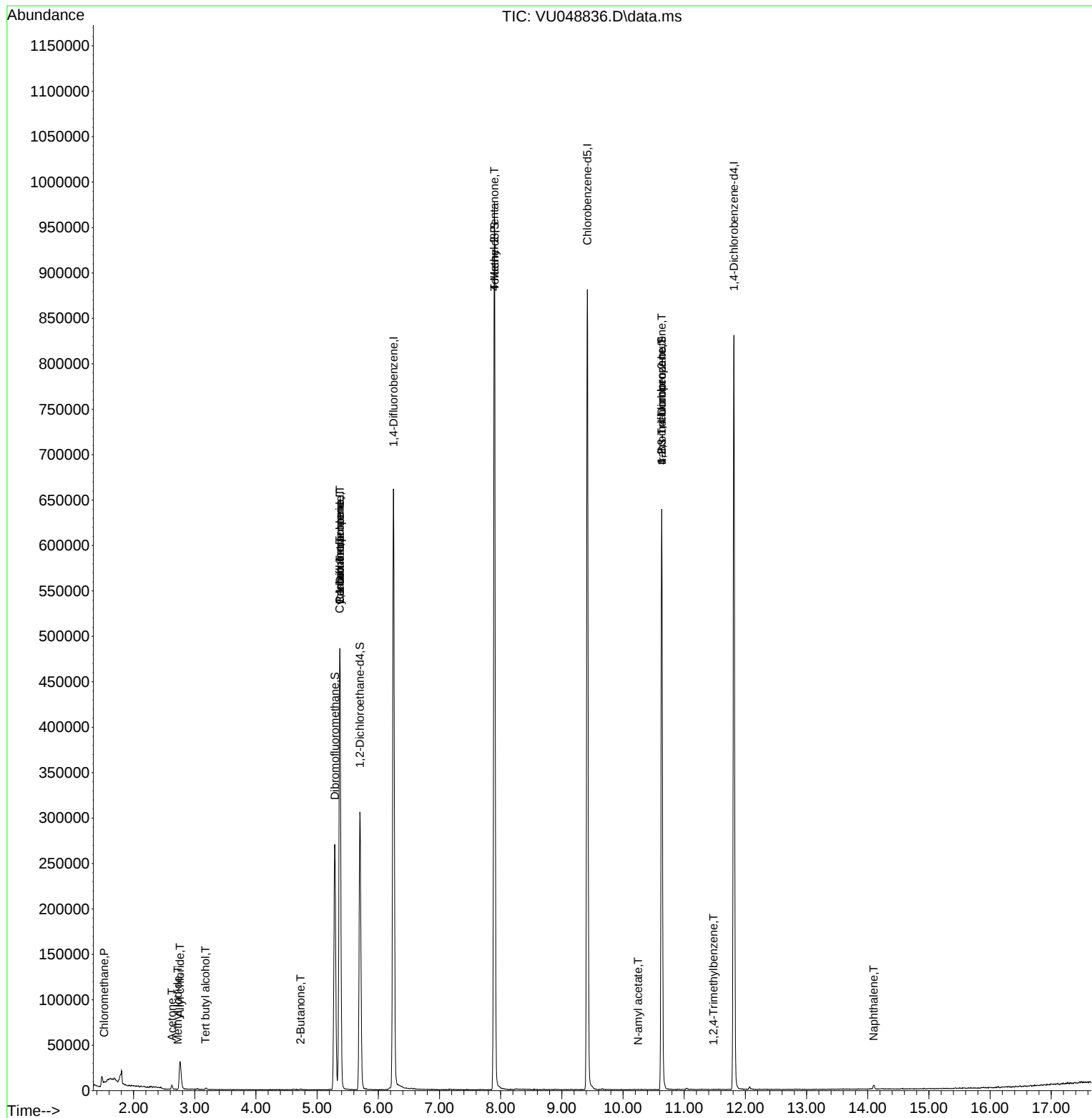
Internal Standards						
1) Pentafluorobenzene	5.372	168	324614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	533665	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	487135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	219191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	229946	47.168	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.340%		
35) Dibromofluoromethane	5.289	113	176440	46.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.680%		
50) Toluene-d8	7.899	98	643415	47.144	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.280%		
62) 4-Bromofluorobenzene	10.632	95	221589	42.931	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.860%		
Target Compounds			Qvalue			
3) Chloromethane	1.520	50	1240	0.259	ug/l	96
5) Bromomethane	1.832	94	140	Below Cal	#	3
6) Chloroethane	1.935	64	406	Below Cal		100
10) Methyl Iodide	2.723	142	68	3.017	ug/l #	37
11) Tert butyl alcohol	3.173	59	524	0.424	ug/l #	28
14) Allyl chloride	2.758	41	3615	0.565	ug/l #	65
16) Acetone	2.626	43	5301	2.134	ug/l	96
25) 2-Butanone	4.729	43	1611	0.451	ug/l	97
31) Cyclohexane	5.369	56	7305	1.189	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	26397	4.750	ug/l #	50
38) Carbon Tetrachloride	5.372	117	34230	5.369	ug/l #	17
51) 4-Methyl-2-Pentanone	7.896	43	3062	0.463	ug/l #	1
74) N-amyl acetate	10.247	43	21	2.470	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	112067	15.857	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	112067	57.576	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.478	105	150	1.198	ug/l	72
95) Naphthalene	14.098	128	4589	2.785	ug/l #	95

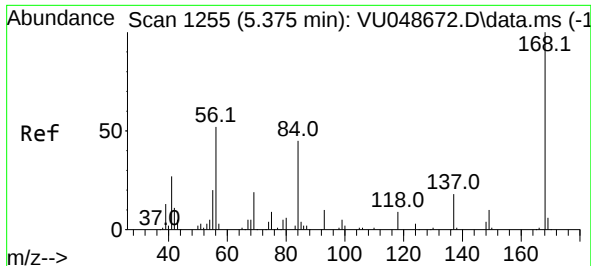
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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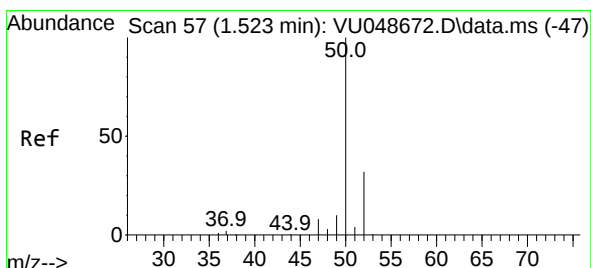
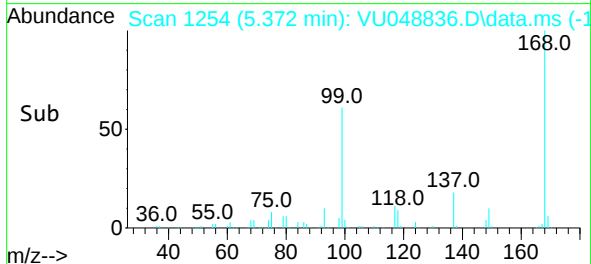
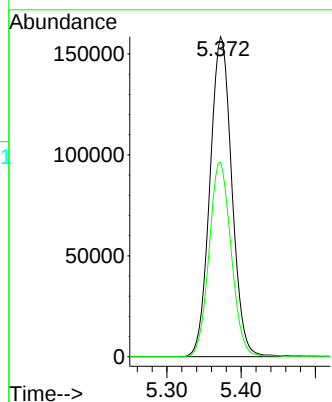
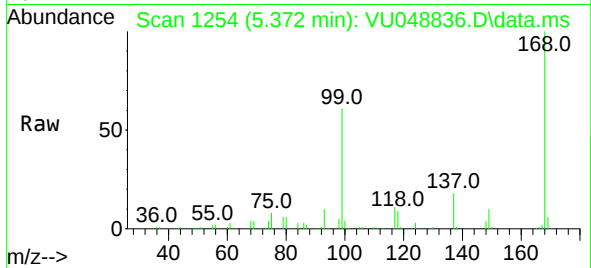




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

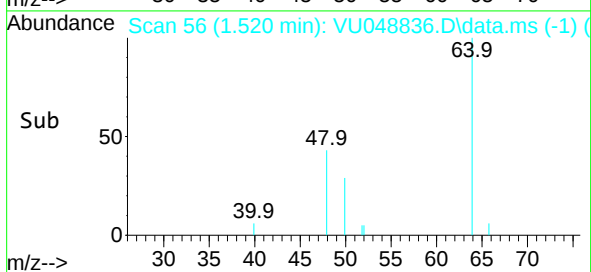
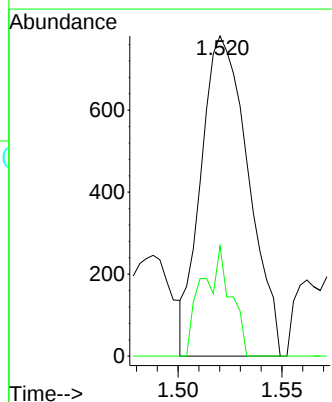
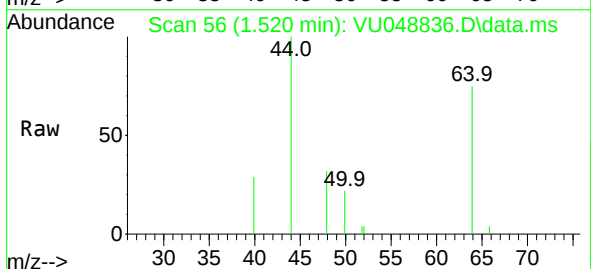
Instrument :
MSVOA_U
ClientSampleId :
MH-125.9T-20220527

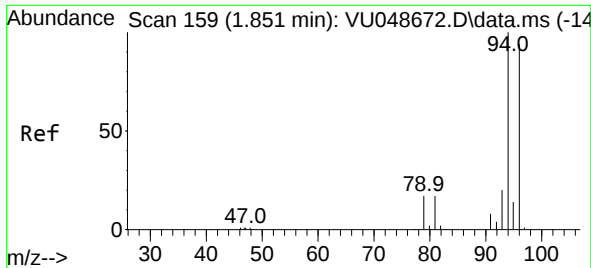
Tgt Ion:168 Resp: 324614
Ion Ratio Lower Upper
168 100
99 60.8 49.3 73.9



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

Tgt Ion: 50 Resp: 1240
Ion Ratio Lower Upper
50 100
52 34.4 25.7 38.5

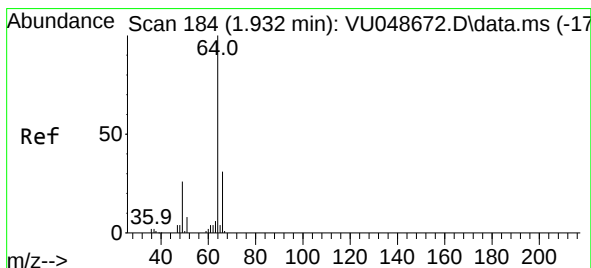
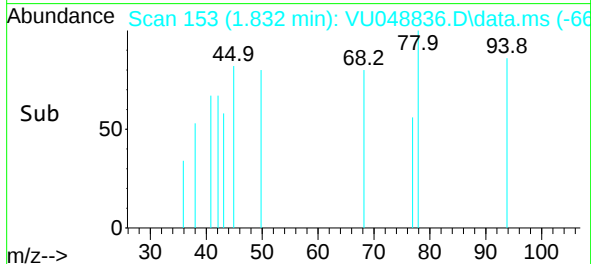
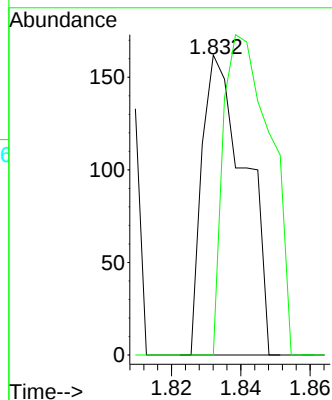
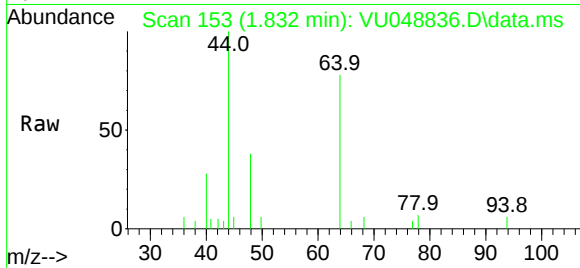




#5
Bromomethane
Concen: Below Cal
RT: 1.832 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

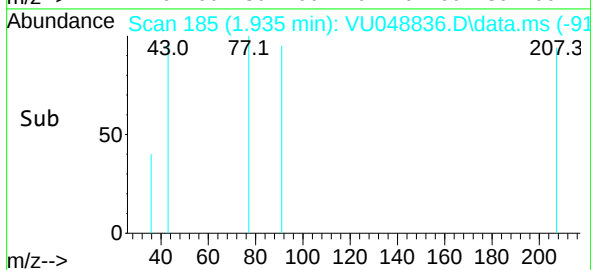
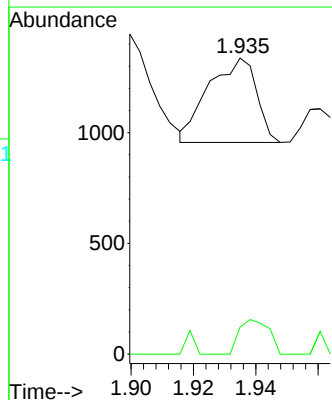
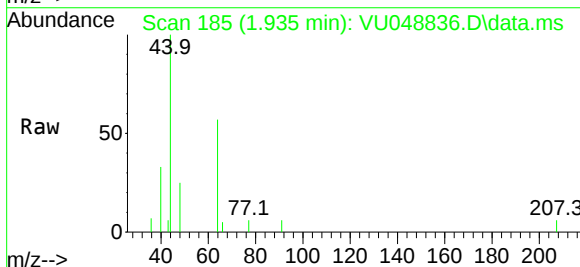
Instrument :
MSVOA_U
ClientSampleId :
MH-125.9T-20220527

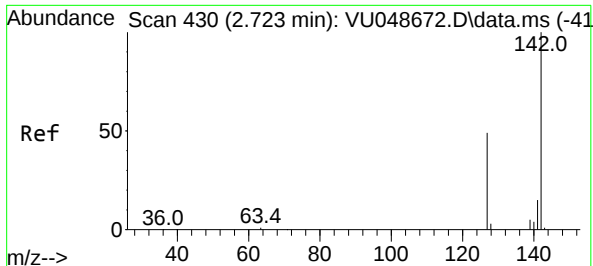
Tgt Ion: 94 Resp: 140
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

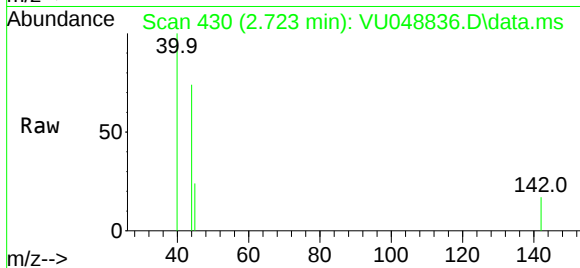
Tgt Ion: 64 Resp: 406
Ion Ratio Lower Upper
64 100
66 31.8 25.2 37.8



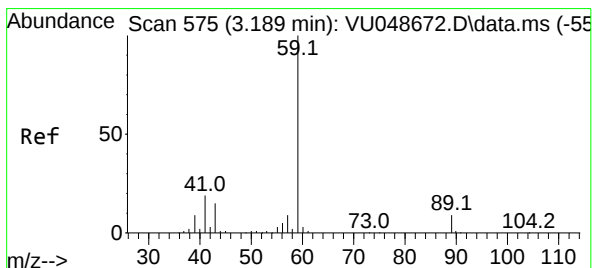
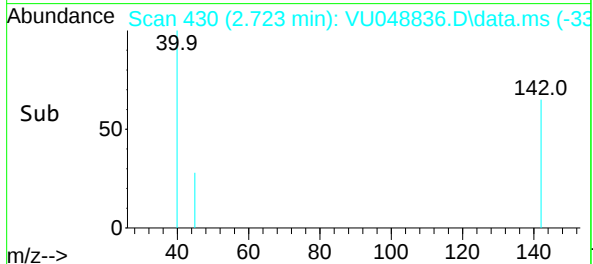
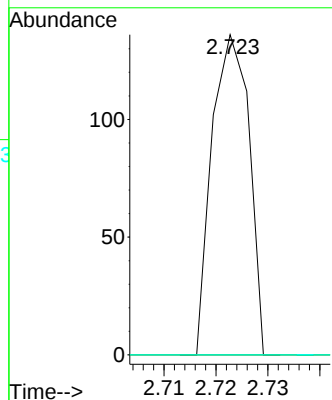


#10
Methyl Iodide
Concen: 3.017 ug/l
RT: 2.723 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

Instrument :
MSVOA_U
ClientSampleId :
MH-125.9T-20220527

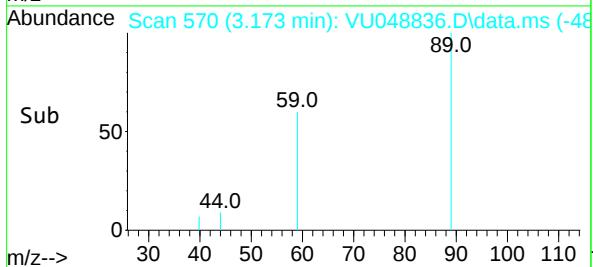
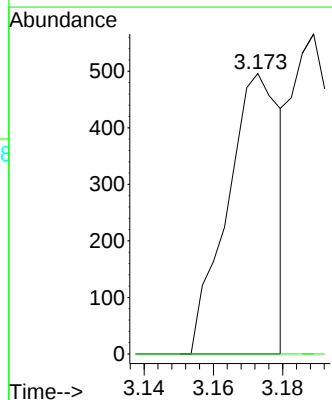
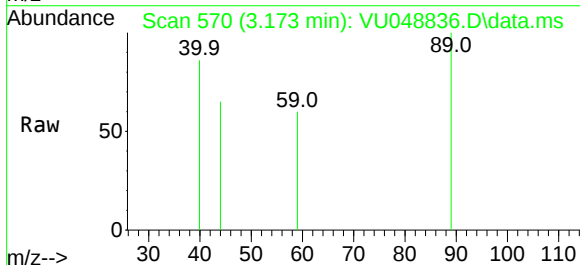


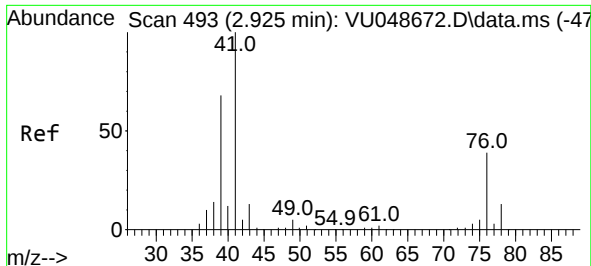
Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.424 ug/l
RT: 3.173 min Scan# 570
Delta R.T. -0.016 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

Tgt Ion: 59 Resp: 524
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

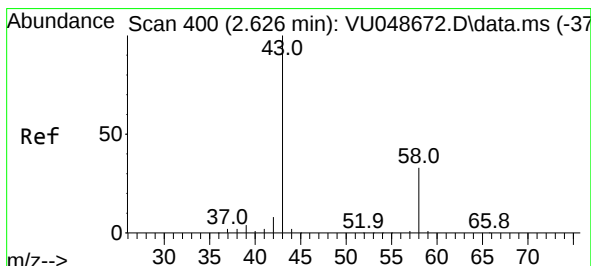
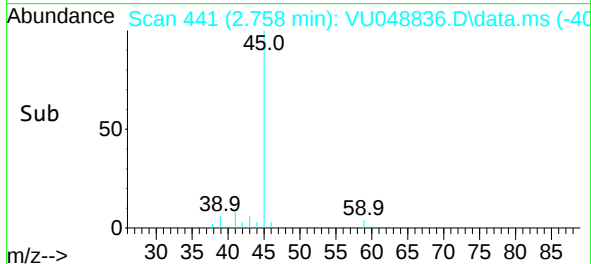
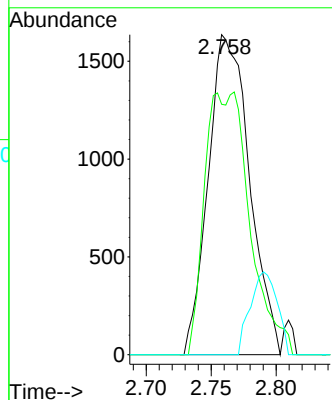
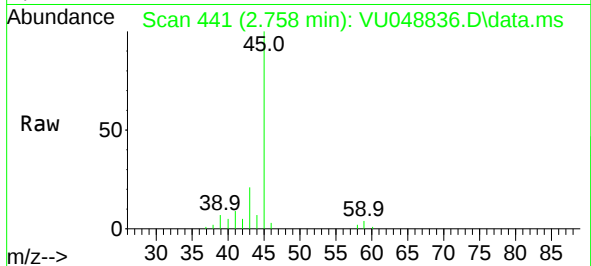




#14
 Allyl chloride
 Concen: 0.565 ug/l
 RT: 2.758 min Scan# 41
 Delta R.T. -0.167 min
 Lab File: VU048836.D
 Acq: 03 Jun 2022 04:49

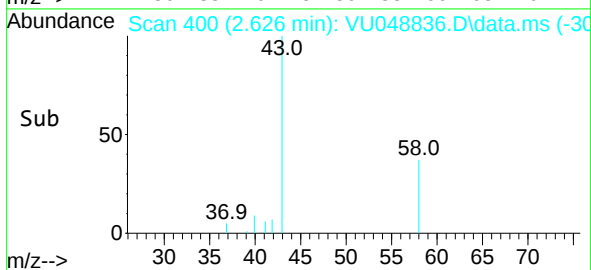
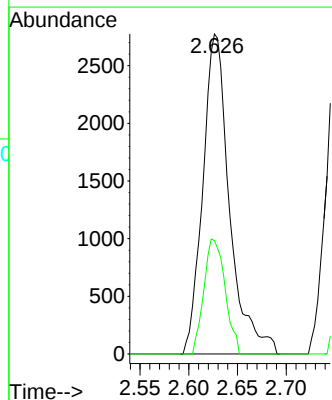
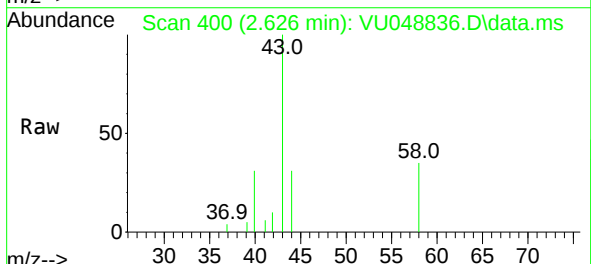
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-125.9T-20220527

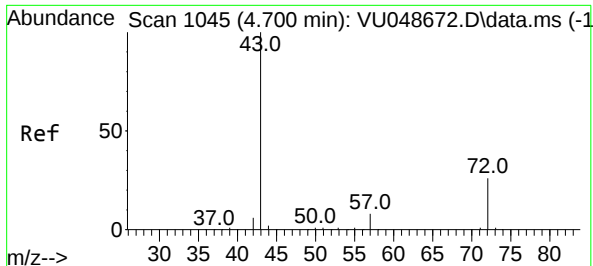
Tgt Ion: 41 Resp: 3615
 Ion Ratio Lower Upper
 41 100
 39 44.5 48.6 72.8#
 76 0.0 27.0 40.4#



#16
 Acetone
 Concen: 2.134 ug/l
 RT: 2.626 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU048836.D
 Acq: 03 Jun 2022 04:49

Tgt Ion: 43 Resp: 5301
 Ion Ratio Lower Upper
 43 100
 58 35.4 26.3 39.5





#25

2-Butanone

Concen: 0.451 ug/l

RT: 4.729 min Scan# 1

Delta R.T. 0.029 min

Lab File: VU048836.D

Acq: 03 Jun 2022 04:49

Instrument :

MSVOA_U

ClientSampleId :

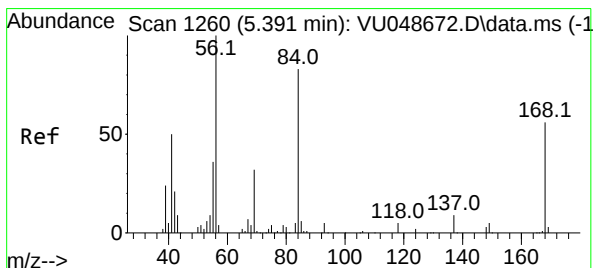
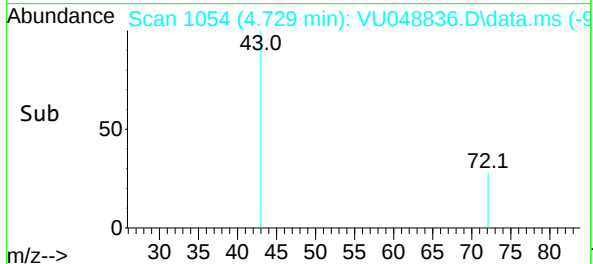
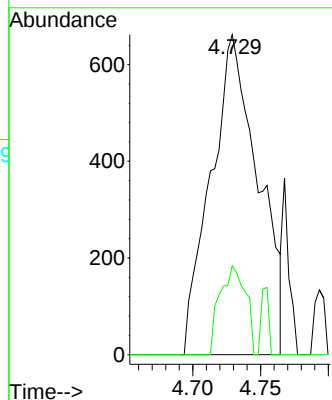
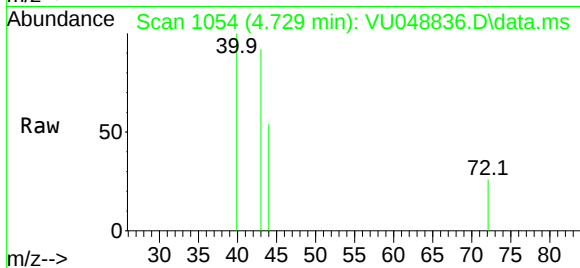
MH-125.9T-20220527

Tgt Ion: 43 Resp: 1611

Ion Ratio Lower Upper

43 100

72 27.8 21.1 31.7



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.022 min

Lab File: VU048836.D

Acq: 03 Jun 2022 04:49

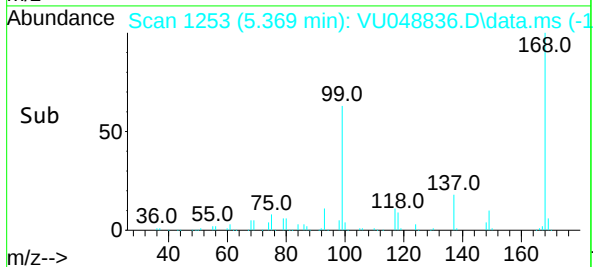
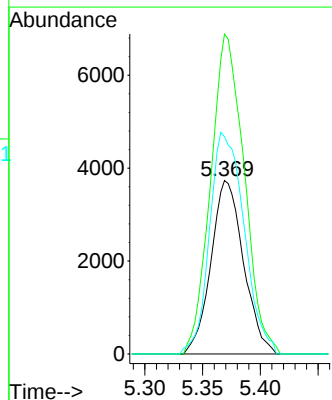
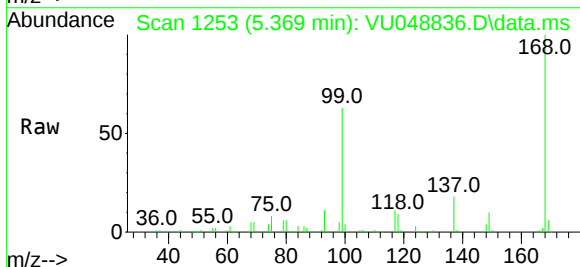
Tgt Ion: 56 Resp: 7305

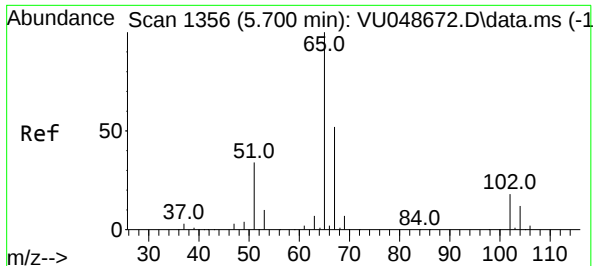
Ion Ratio Lower Upper

56 100

69 184.5 25.6 38.4#

84 125.2 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 47.168 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048836.D

Acq: 03 Jun 2022 04:49

Instrument :

MSVOA_U

ClientSampleId :

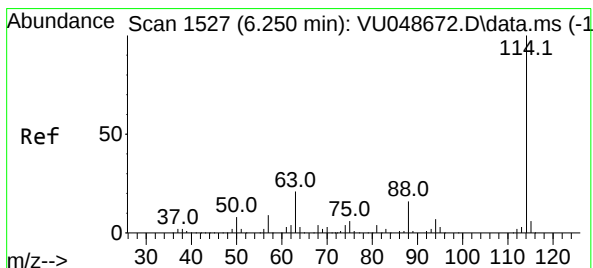
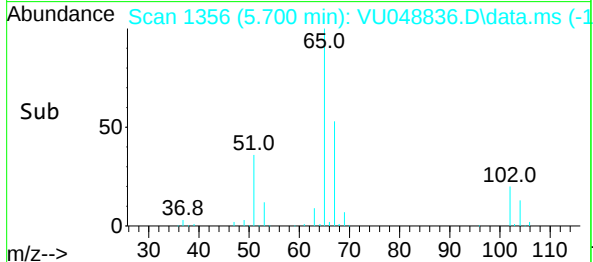
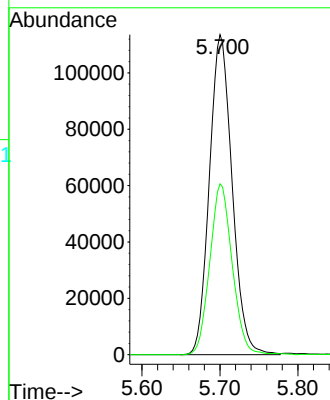
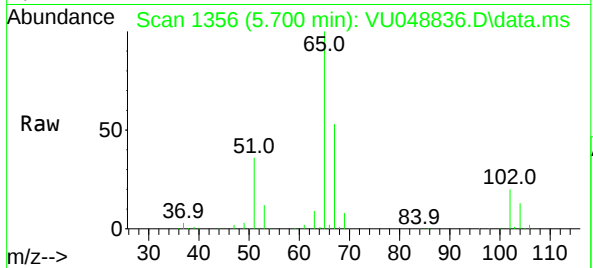
MH-125.9T-20220527

Tgt Ion: 65 Resp: 229946

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048836.D

Acq: 03 Jun 2022 04:49

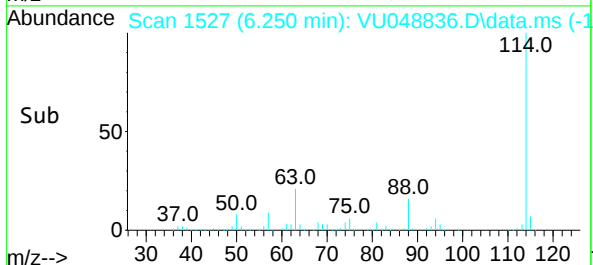
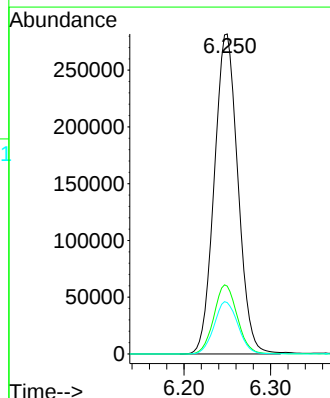
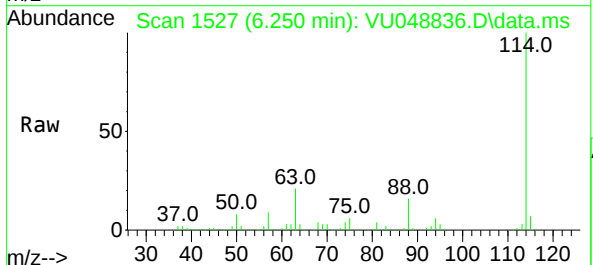
Tgt Ion: 114 Resp: 533665

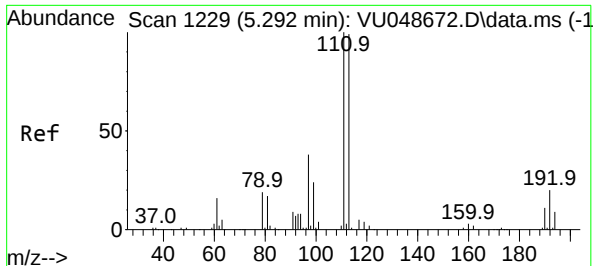
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

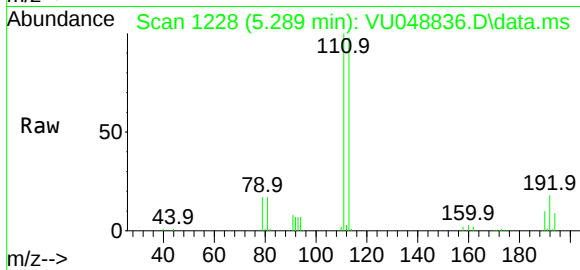
88 16.1 0.0 32.2



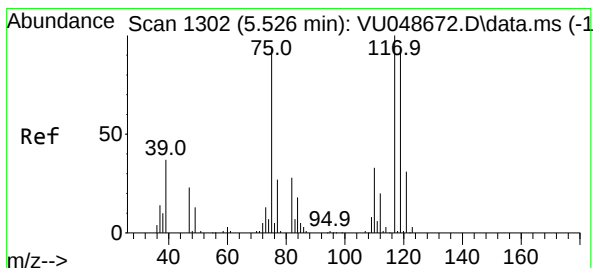
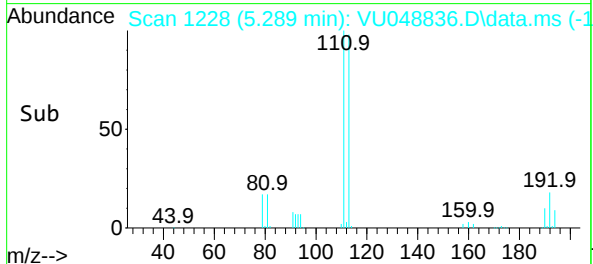
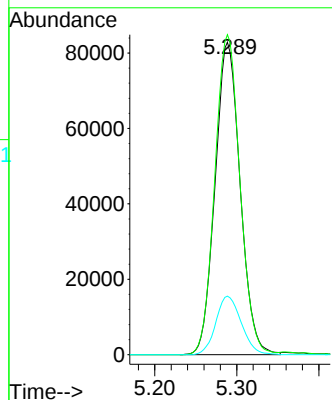


#35
Dibromofluoromethane
Concen: 46.343 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

Instrument :
MSVOA_U
ClientSampleId :
MH-125.9T-20220527

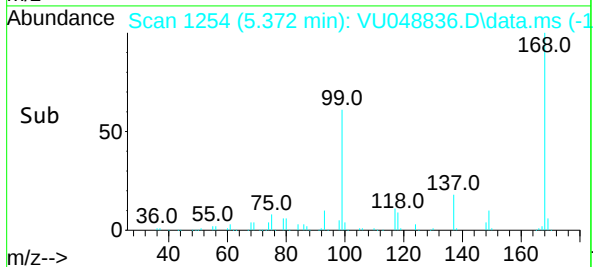
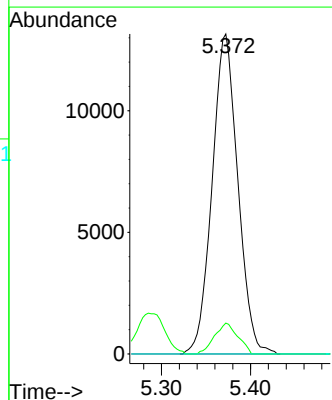
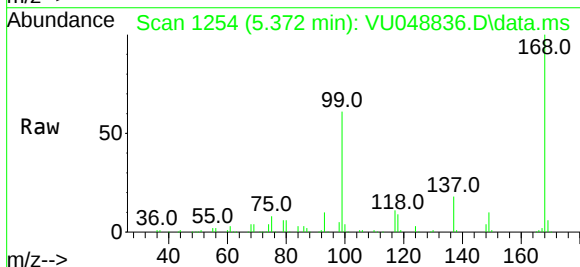


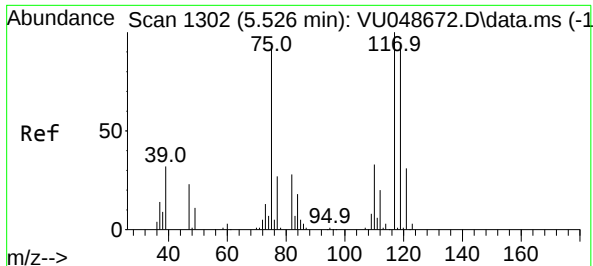
Tgt Ion:113 Resp: 176440
Ion Ratio Lower Upper
113 100
111 102.6 80.7 121.1
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

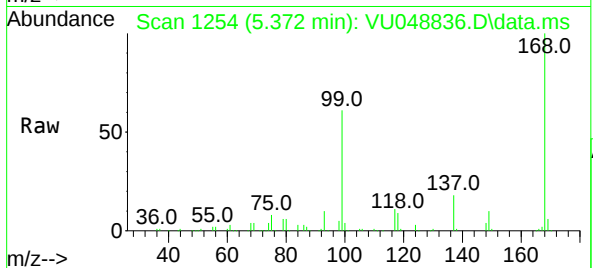
Tgt Ion: 75 Resp: 26397
Ion Ratio Lower Upper
75 100
110 8.7 17.4 52.3#
77 0.0 24.8 37.2#



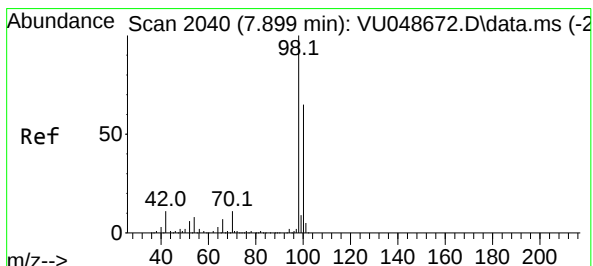
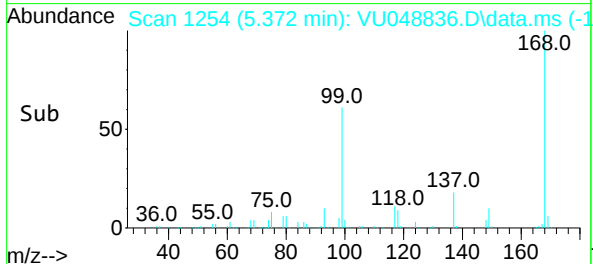
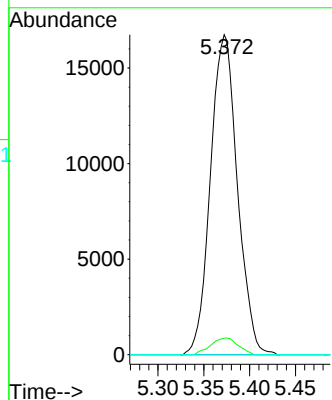


#38
Carbon Tetrachloride
Concen: 5.369 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

Instrument :
MSVOA_U
ClientSampleId :
MH-125.9T-20220527

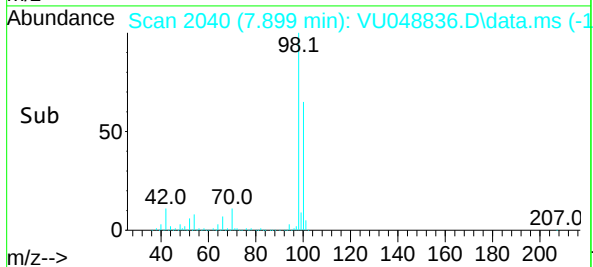
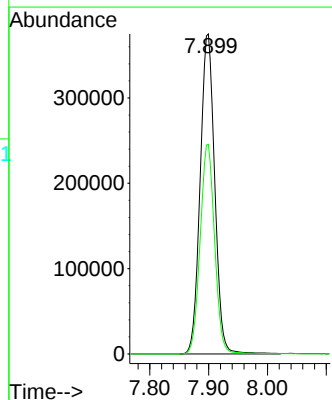
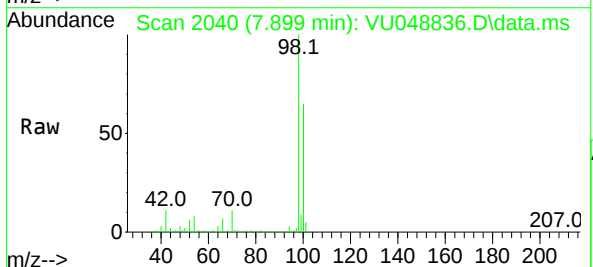


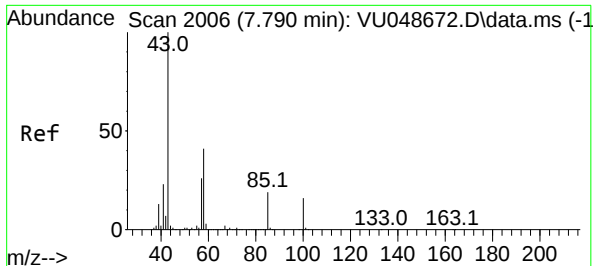
Tgt Ion:117 Resp: 34230
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.144 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

Tgt Ion: 98 Resp: 643415
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

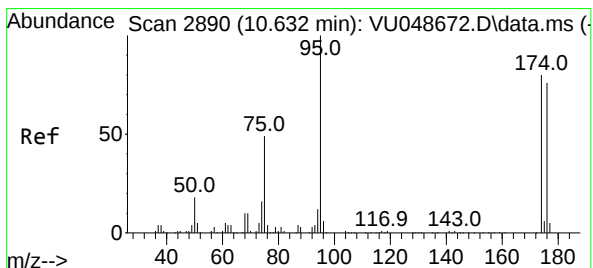
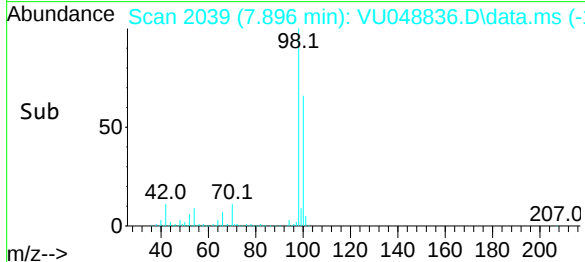
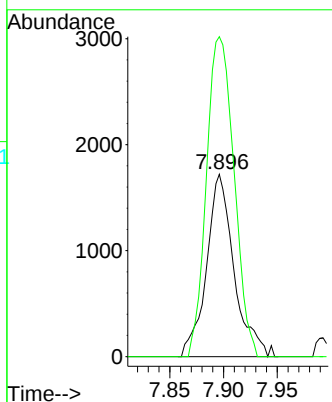
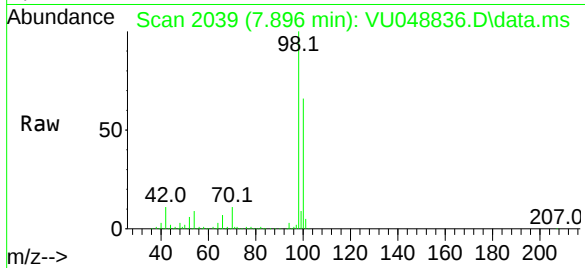




#51
 4-Methyl-2-Pentanone
 Concen: 0.463 ug/l
 RT: 7.896 min Scan# 2006
 Delta R.T. 0.106 min
 Lab File: VU048836.D
 Acq: 03 Jun 2022 04:49

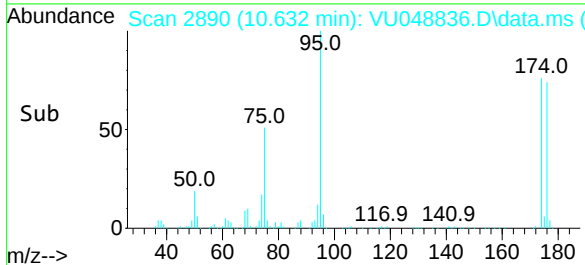
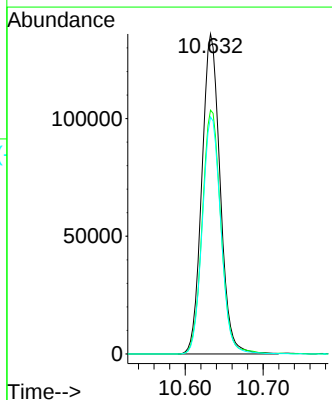
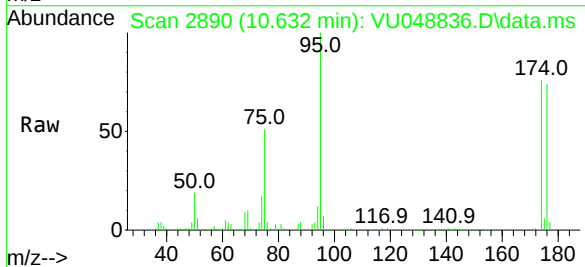
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-125.9T-20220527

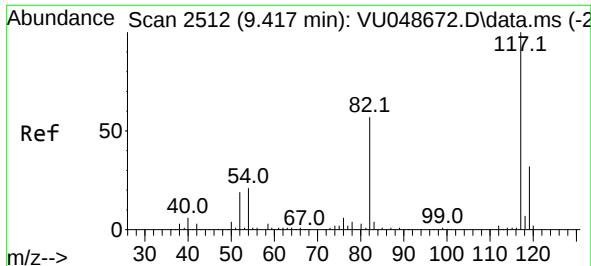
Tgt Ion: 43 Resp: 3062
 Ion Ratio Lower Upper
 43 100
 58 175.9 32.7 49.1#



#62
 4-Bromofluorobenzene
 Concen: 42.931 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. 0.000 min
 Lab File: VU048836.D
 Acq: 03 Jun 2022 04:49

Tgt Ion: 95 Resp: 221589
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 159.4
 176 74.9 0.0 152.4

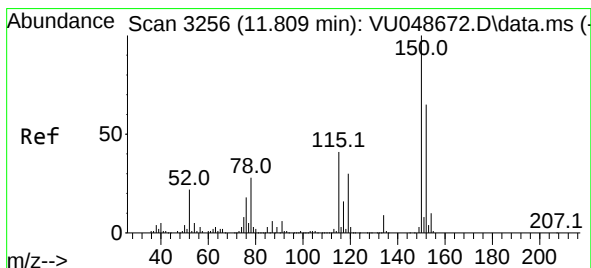
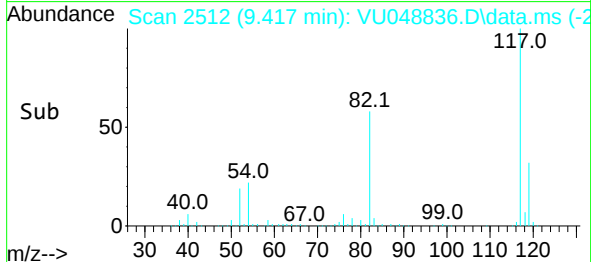
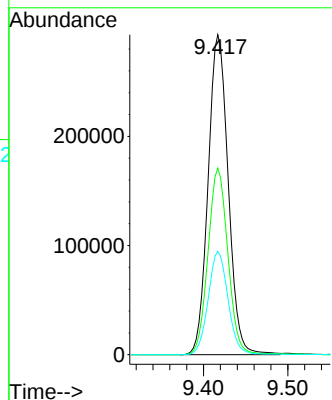
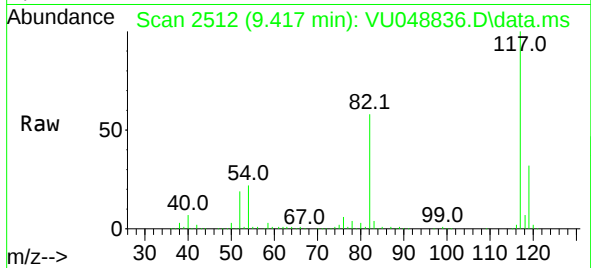




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

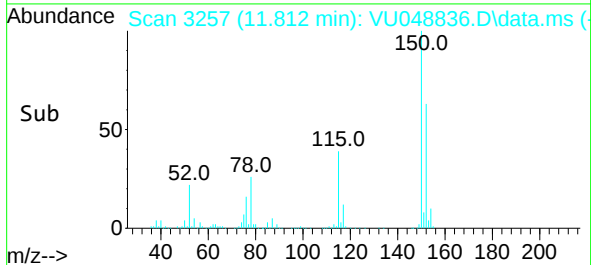
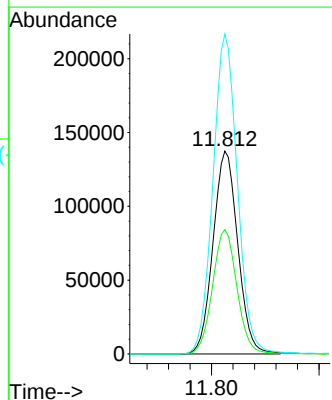
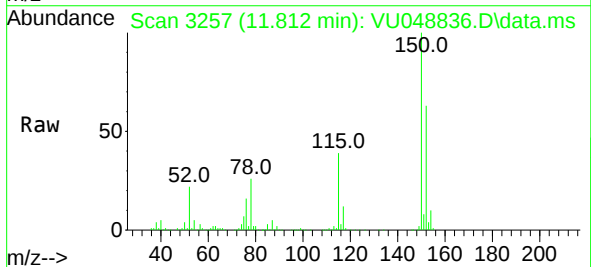
Instrument :
MSVOA_U
ClientSampleId :
MH-125.9T-20220527

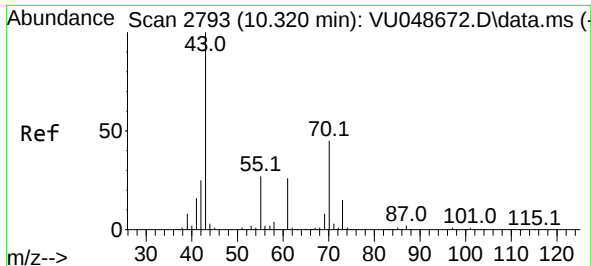
Tgt Ion:117 Resp: 487135
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

Tgt Ion:152 Resp: 219191
Ion Ratio Lower Upper
152 100
115 60.6 41.8 125.4
150 156.2 0.0 341.0

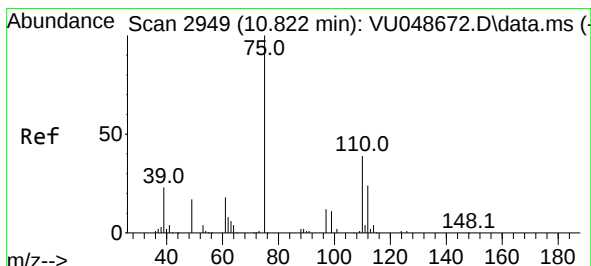
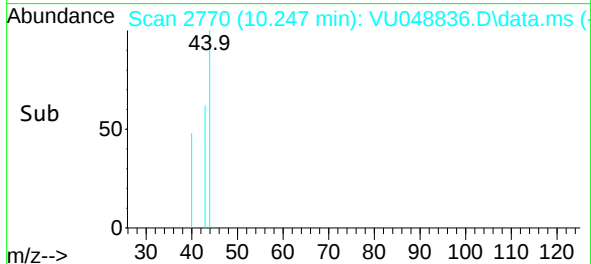
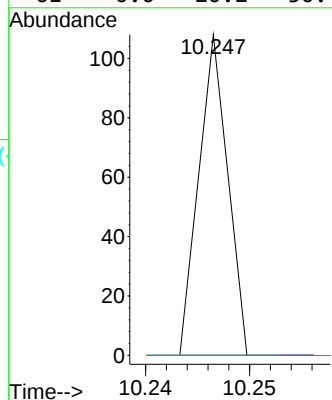
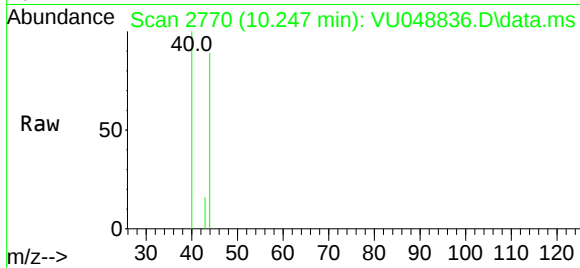




#74
N-amy1 acetate
Concen: 2.470 ug/l
RT: 10.247 min Scan# 21
Delta R.T. -0.073 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

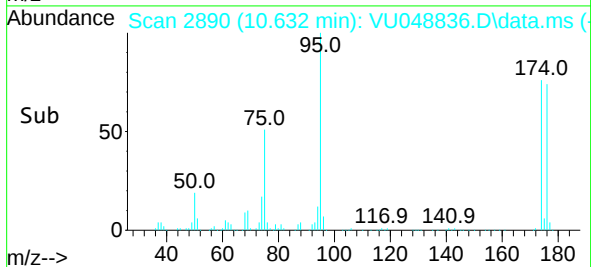
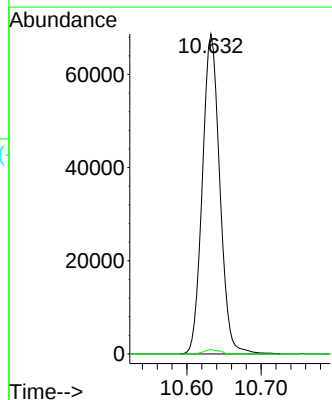
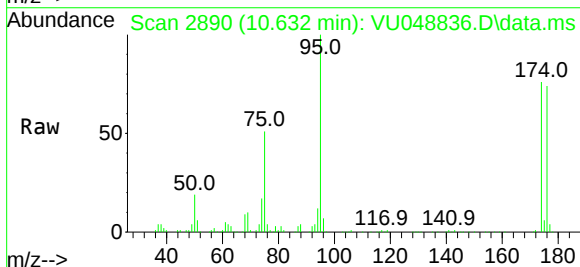
Instrument :
MSVOA_U
ClientSampleId :
MH-125.9T-20220527

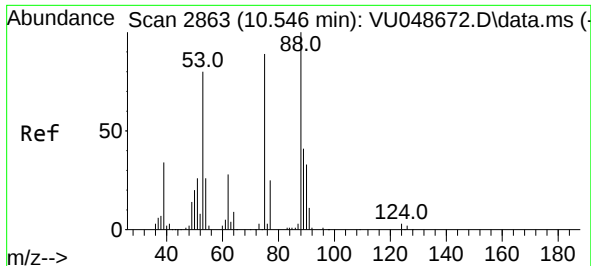
Tgt Ion: 43	Resp: 21
Ion Ratio	Lower Upper
43 100	
70 0.0	35.8 53.6#
55 0.0	21.1 31.7#
61 0.0	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 15.857 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

Tgt Ion: 75	Resp: 112067
Ion Ratio	Lower Upper
75 100	
77 1.2	14.8 44.3#

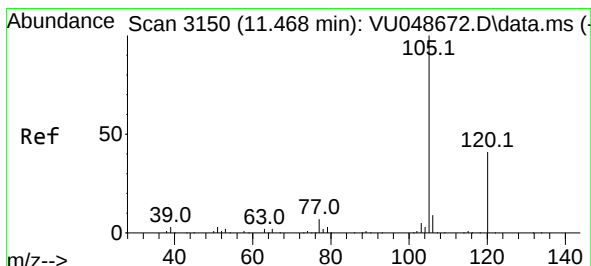
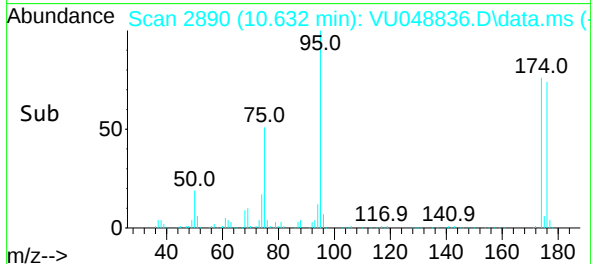
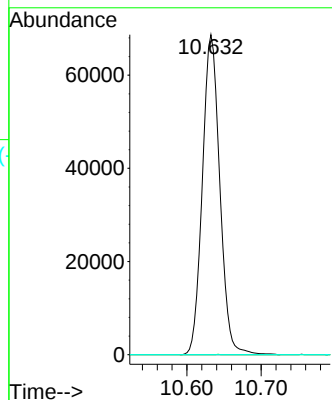
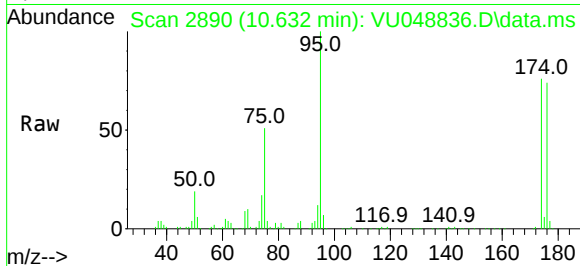




#81
trans-1,4-Dichloro-2-butene
Concen: 57.576 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

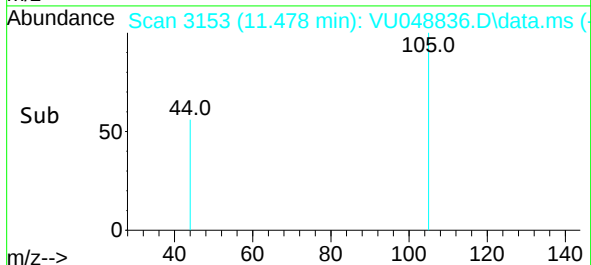
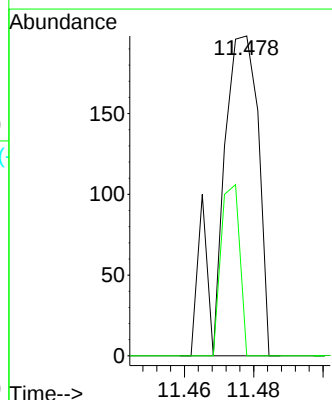
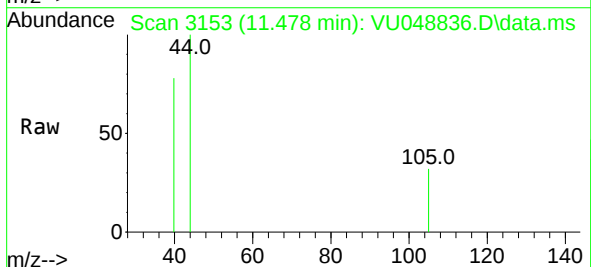
Instrument :
MSVOA_U
ClientSampleId :
MH-125.9T-20220527

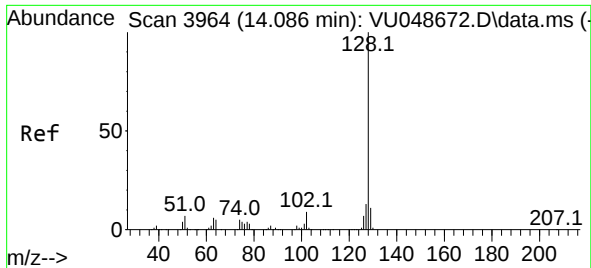
Tgt Ion: 75 Resp: 112067
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.198 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.010 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

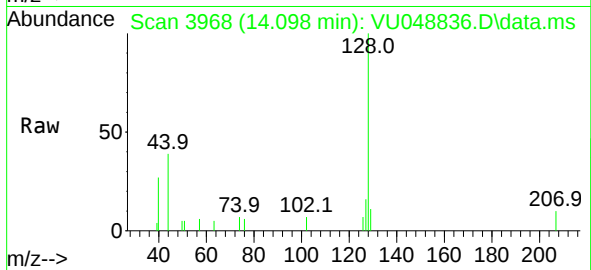
Tgt Ion: 105 Resp: 150
Ion Ratio Lower Upper
105 100
120 26.7 22.5 67.5





#95
Naphthalene
Concen: 2.785 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.012 min
Lab File: VU048836.D
Acq: 03 Jun 2022 04:49

Instrument :
MSVOA_U
ClientSampleId :
MH-125.9T-20220527



Tgt Ion:	128	Resp:	4589
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	6.8	8.7	13.1#

