

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048817.D
 Acq On : 02 Jun 2022 20:31
 Operator : SY/MD
 Sample : N3112-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-140B-20220527

Quant Time: Jun 03 01:20:00 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)

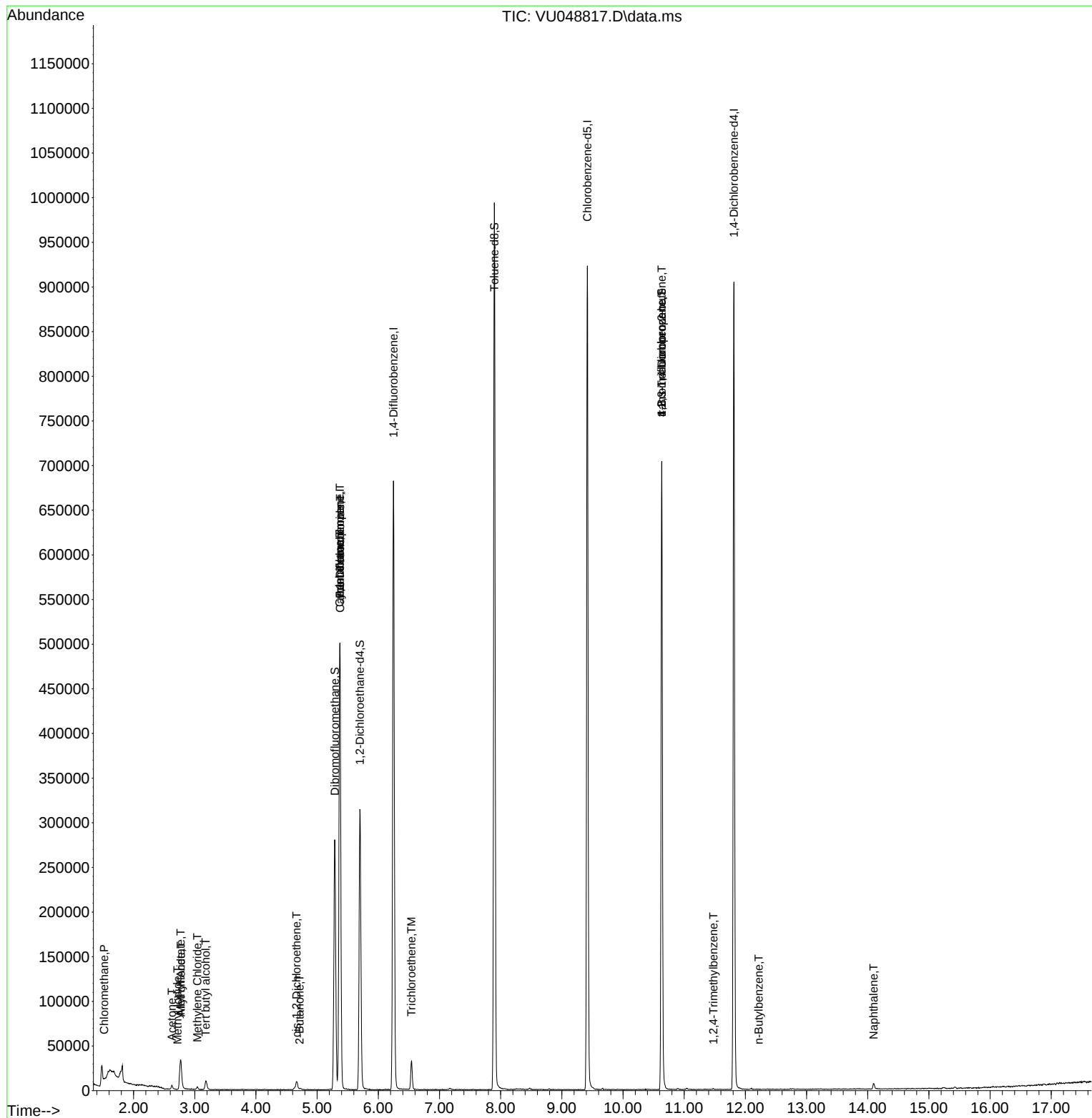
Internal Standards						
1) Pentafluorobenzene	5.372	168	340387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	558353	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	509355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	238779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	236994	46.361	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.720%
35) Dibromofluoromethane	5.288	113	183140	45.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	7.896	98	667515	46.748	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.500%
62) 4-Bromofluorobenzene	10.632	95	237337	43.949	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1517	0.302	ug/l	92
5) Bromomethane	1.829	94	558	Below Cal	#	79
6) Chloroethane	1.996	64	347	Below Cal	#	43
10) Methyl Iodide	2.719	142	146	3.030	ug/l #	37
11) Tert butyl alcohol	3.179	59	6244	4.818	ug/l #	29
13) Acrolein	2.481	56	73	Below Cal	#	46
14) Allyl chloride	2.774	41	4362	0.650	ug/l #	77
16) Acetone	2.626	43	5318	2.041	ug/l	94
18) Methyl Acetate	2.768	43	11086	1.695	ug/l #	51
20) Methylene Chloride	3.041	84	1419	0.320	ug/l #	84
25) 2-Butanone	4.713	43	950	0.254	ug/l #	84
27) cis-1,2-Dichloroethene	4.665	96	4553	0.993	ug/l	91
31) Cyclohexane	5.369	56	6743	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	27346	4.704	ug/l #	49
38) Carbon Tetrachloride	5.375	117	34894	5.232	ug/l #	16
44) Trichloroethene	6.542	130	10616	2.401	ug/l	93
76) 1,2,3-Trichloropropane	10.632	75	120139	15.605	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	120139	56.659	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.478	105	633	1.230	ug/l #	62
89) n-Butylbenzene	12.221	91	21	2.187	ug/l #	34
95) Naphthalene	14.098	128	7209	2.897	ug/l #	94

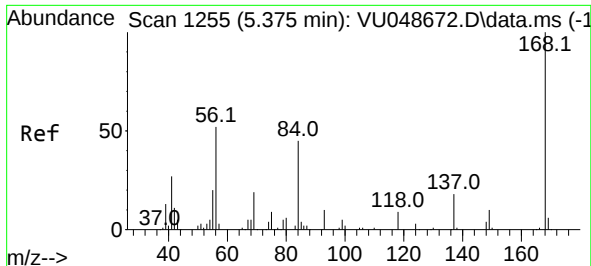
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
Data File : VU048817.D
Acq On : 02 Jun 2022 20:31
Operator : SY/MD
Sample : N3112-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

Quant Time: Jun 03 01:20:00 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

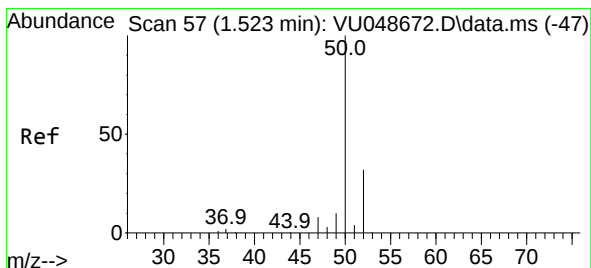
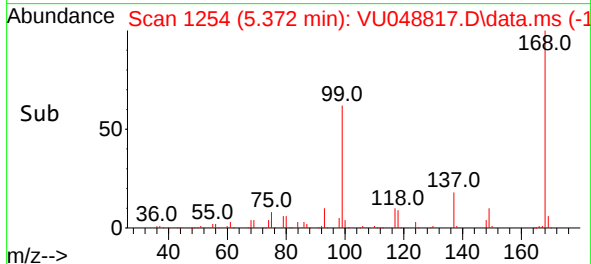
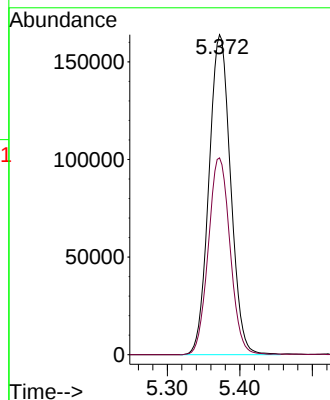
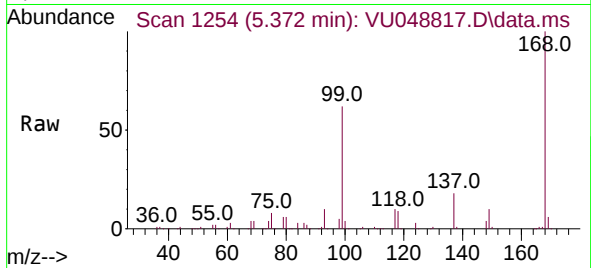




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

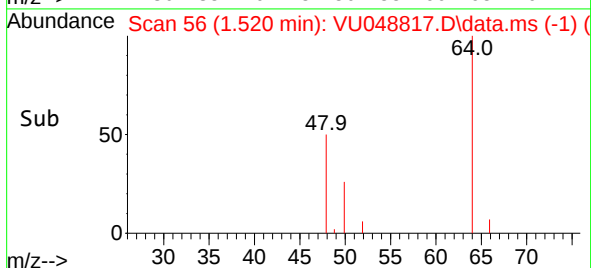
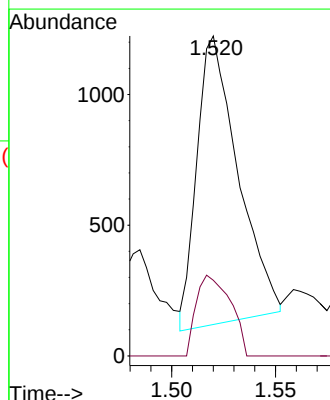
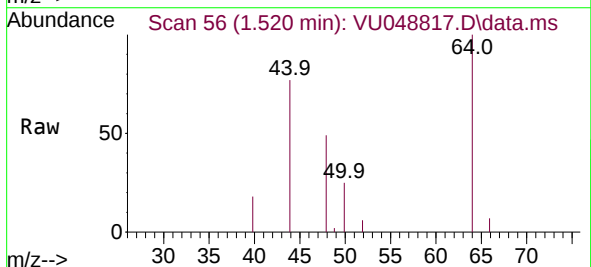
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

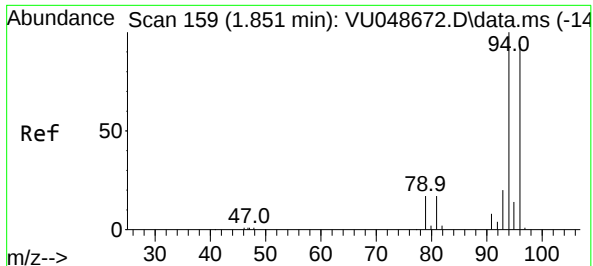
Tgt Ion:168 Resp: 340387
Ion Ratio Lower Upper
168 100
99 61.5 49.3 73.9



#3
Chloromethane
Concen: 0.302 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Tgt Ion: 50 Resp: 1517
Ion Ratio Lower Upper
50 100
52 27.4 25.7 38.5

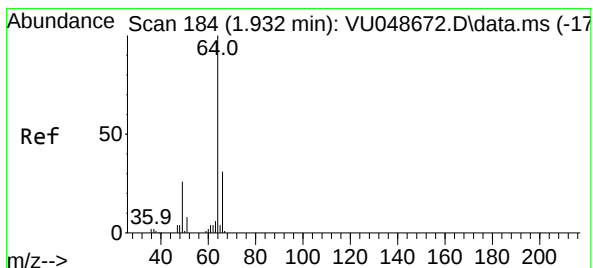
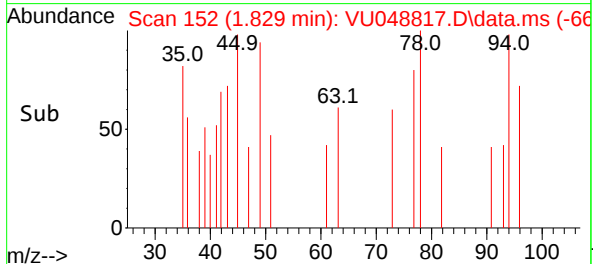
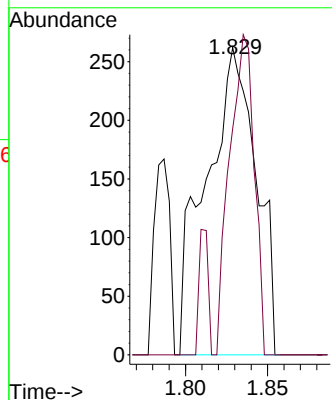
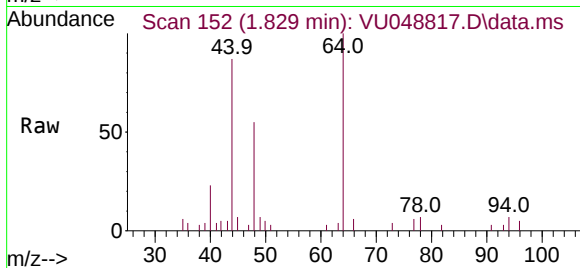




#5
Bromomethane
Concen: Below Cal
RT: 1.829 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

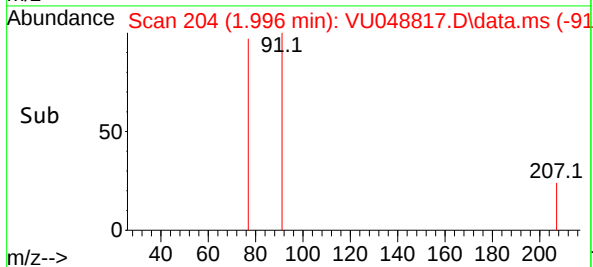
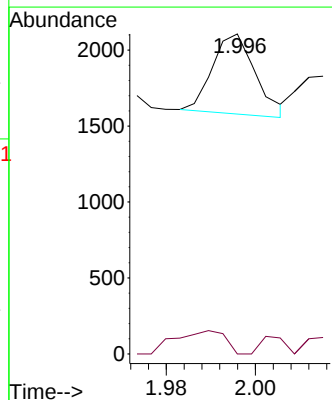
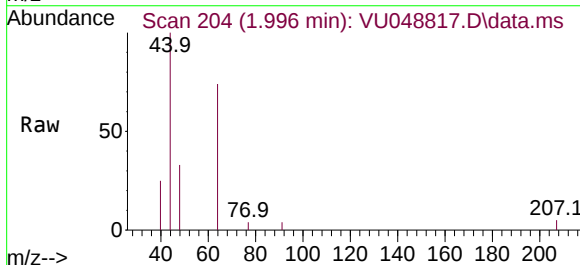
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

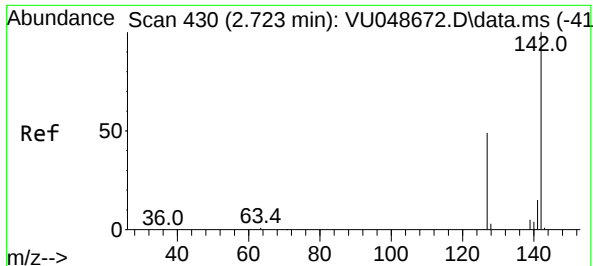
Tgt Ion: 94 Resp: 558
Ion Ratio Lower Upper
94 100
96 73.7 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.996 min Scan# 204
Delta R.T. 0.064 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Tgt Ion: 64 Resp: 347
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

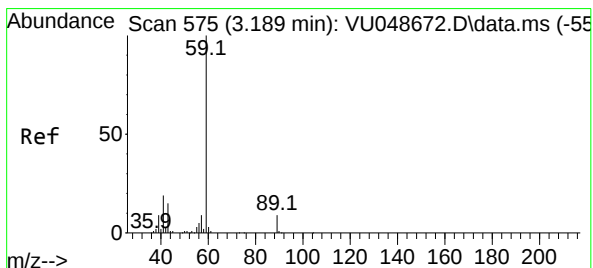
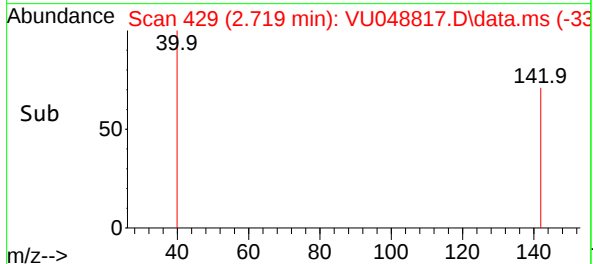
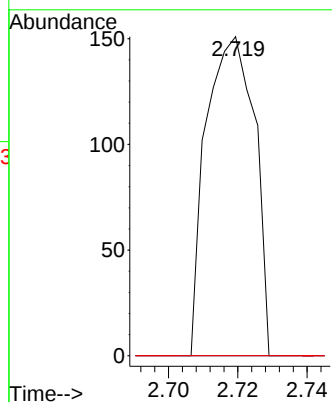
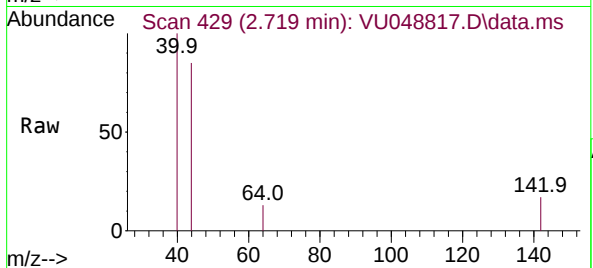




#10
Methyl Iodide
Concen: 3.030 ug/l
RT: 2.719 min Scan# 41
Delta R.T. -0.004 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

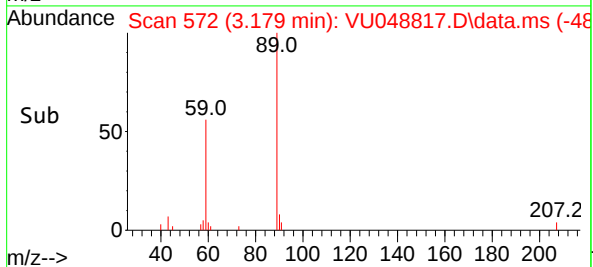
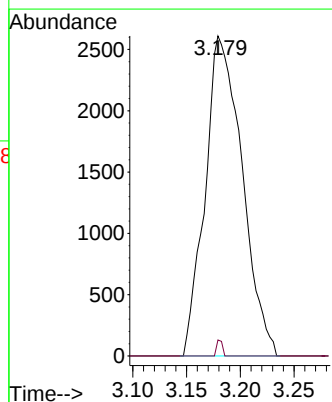
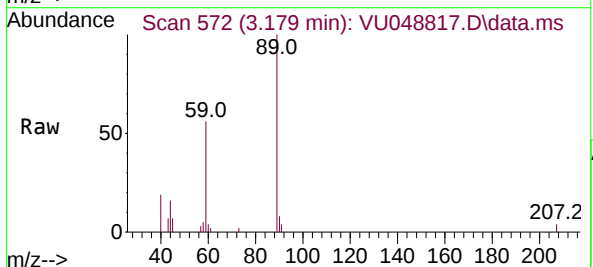
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

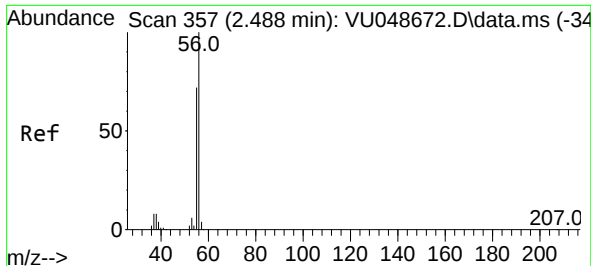
Tgt Ion:142 Resp: 146
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 4.818 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Tgt Ion: 59 Resp: 6244
Ion Ratio Lower Upper
59 100
57 0.8 39.7 59.5#

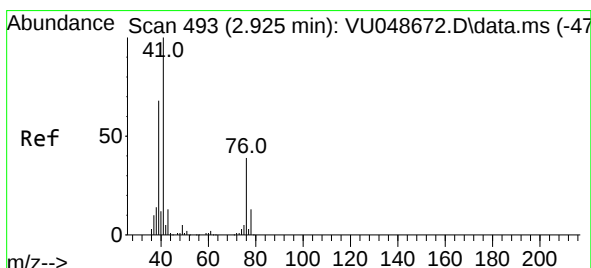
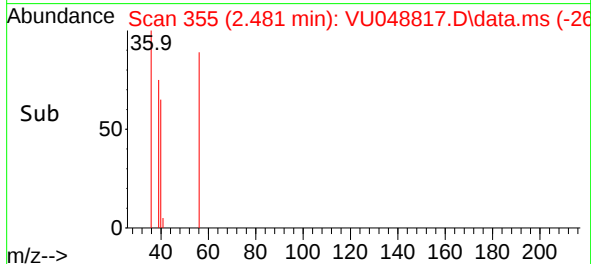
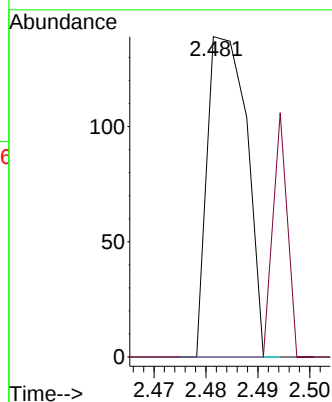
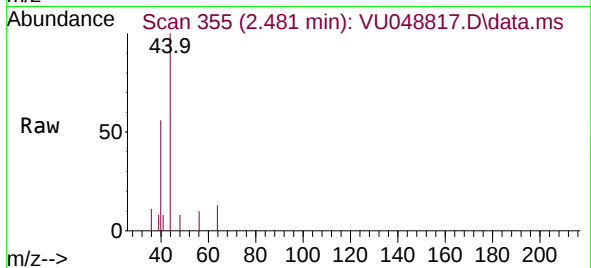




#13
Acrolein
Concen: Below Cal
RT: 2.481 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

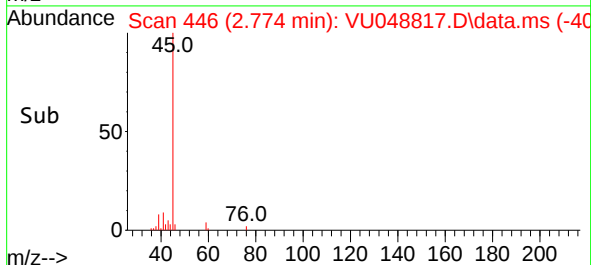
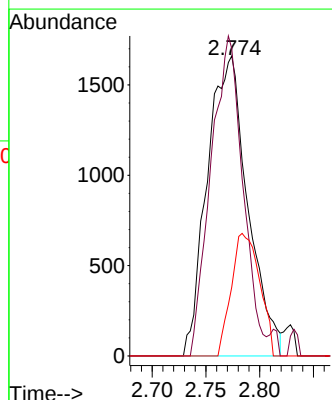
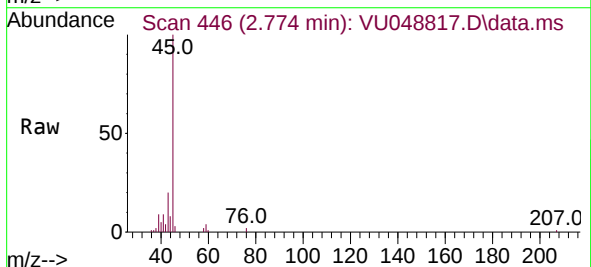
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

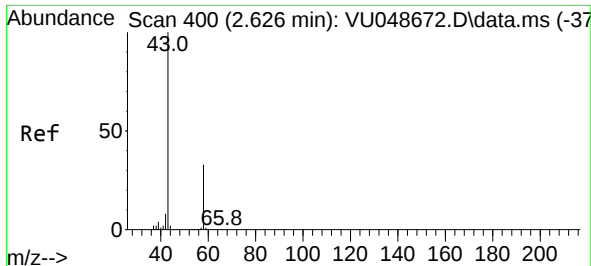
Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 27.4 57.7 86.5#



#14
Allyl chloride
Concen: 0.650 ug/l
RT: 2.774 min Scan# 446
Delta R.T. -0.151 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Tgt Ion: 41 Resp: 4362
Ion Ratio Lower Upper
41 100
39 83.8 48.6 72.8#
76 28.5 27.0 40.4

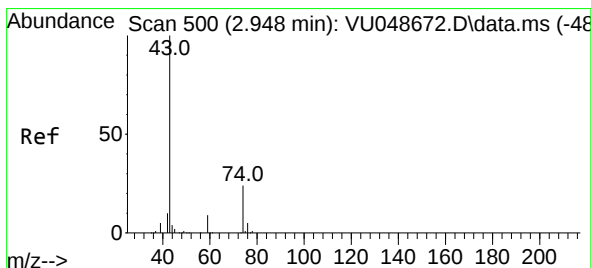
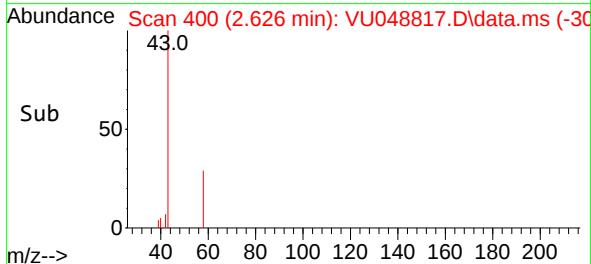
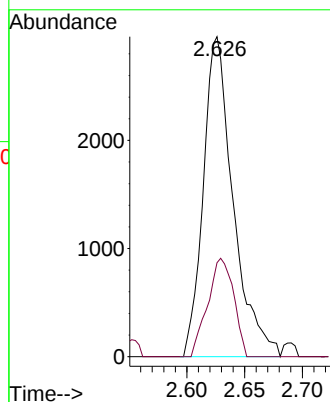
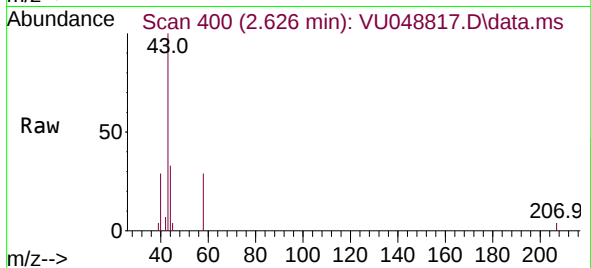




#16
Acetone
Concen: 2.041 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

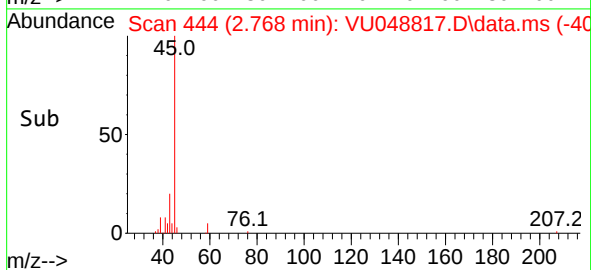
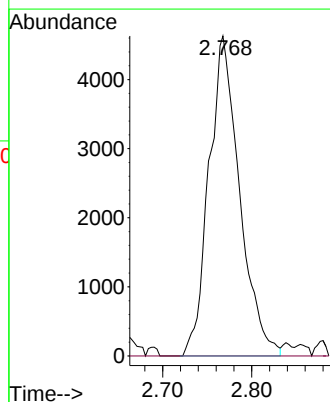
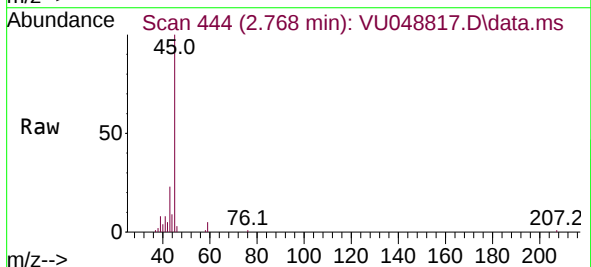
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

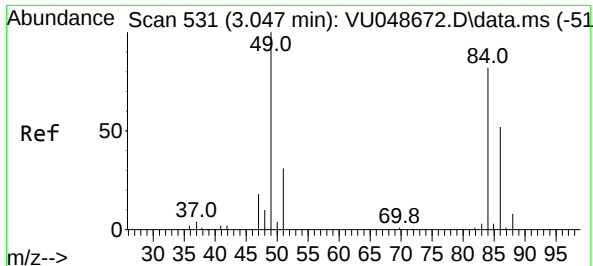
Tgt Ion: 43 Resp: 5318
Ion Ratio Lower Upper
43 100
58 29.3 26.3 39.5



#18
Methyl Acetate
Concen: 1.695 ug/l
RT: 2.768 min Scan# 444
Delta R.T. -0.180 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Tgt Ion: 43 Resp: 11086
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#

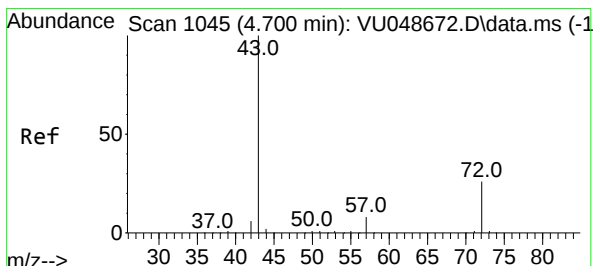
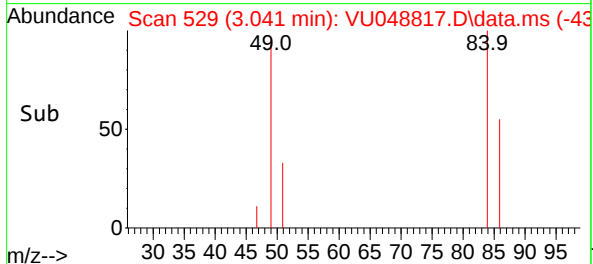
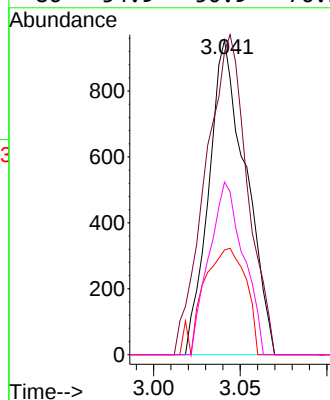
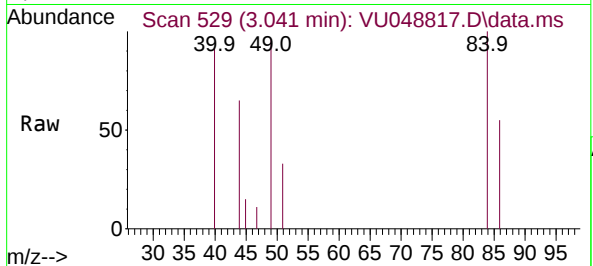




#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

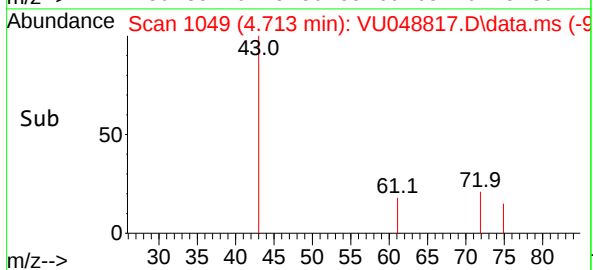
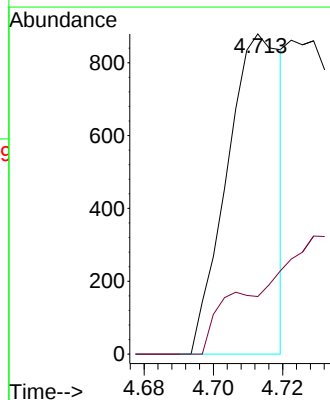
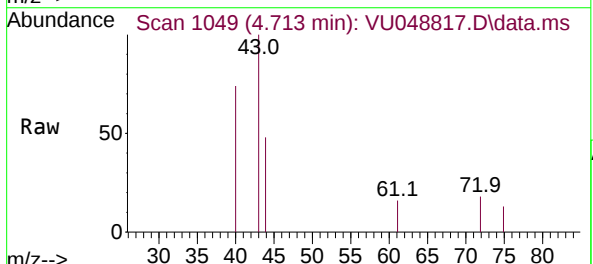
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

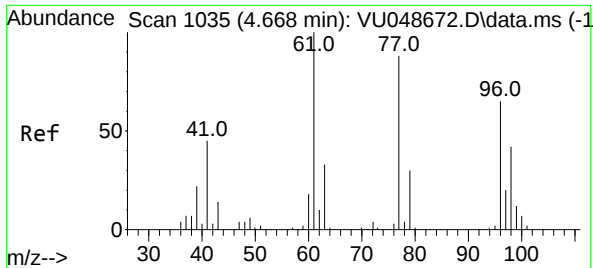
Tgt Ion: 84	Resp: 1419
Ion Ratio	Lower Upper
84	100
49	96.3 97.0 145.4#
51	33.3 29.8 44.8
86	54.9 50.9 76.3



#25
2-Butanone
Concen: 0.254 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Tgt Ion: 43	Resp: 950
Ion Ratio	Lower Upper
43	100
72	18.0 21.1 31.7#

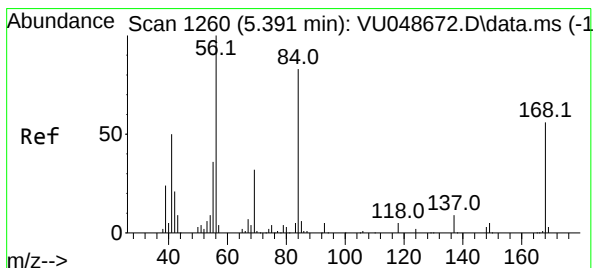
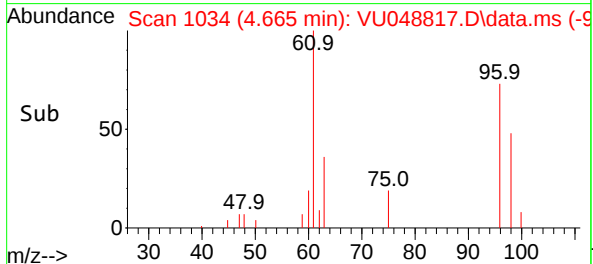
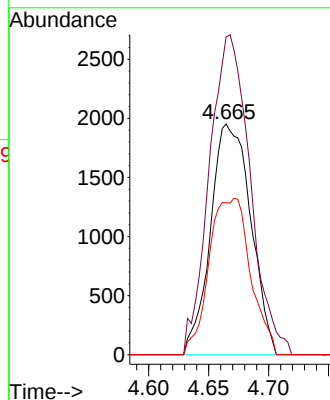
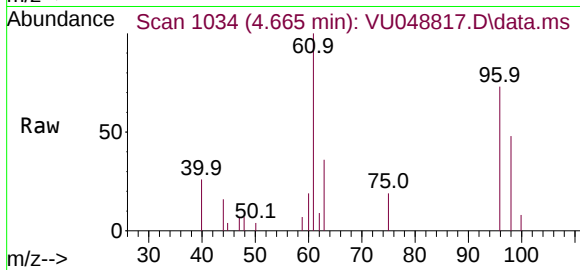




#27
 cis-1,2-Dichloroethene
 Concen: 0.993 ug/l
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU048817.D
 Acq: 02 Jun 2022 20:31

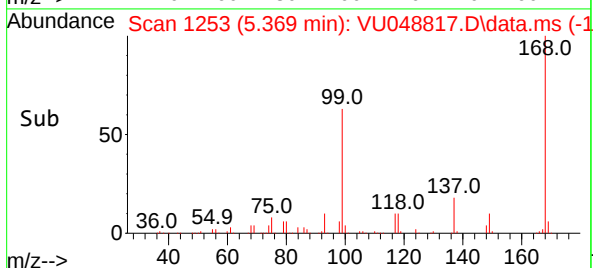
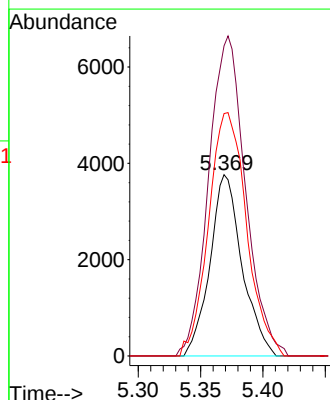
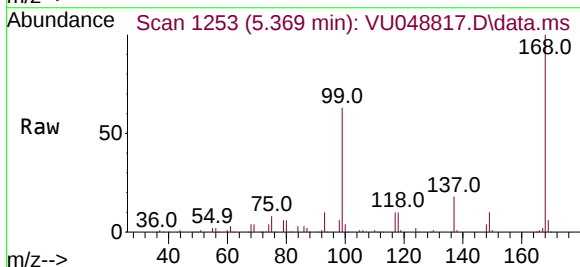
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-140B-20220527

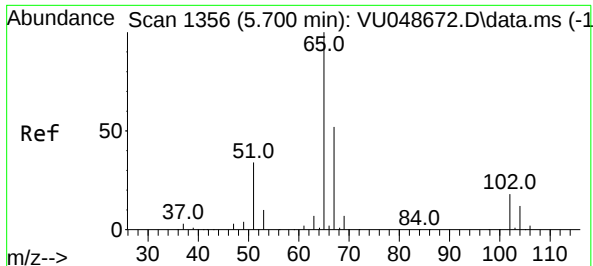
Tgt Ion:	96	Resp:	4553
Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	306.2
98	69.8	0.0	130.4



#31
 Cyclohexane
 Concen: 1.047 ug/l
 RT: 5.369 min Scan# 1253
 Delta R.T. -0.023 min
 Lab File: VU048817.D
 Acq: 02 Jun 2022 20:31

Tgt Ion:	56	Resp:	6743
Ion	Ratio	Lower	Upper
56	100		
69	167.2	25.6	38.4#
84	133.7	66.2	99.4#





#33

1,2-Dichloroethane-d4

Concen: 46.361 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048817.D

Acq: 02 Jun 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

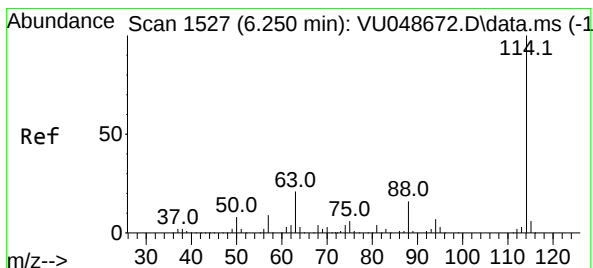
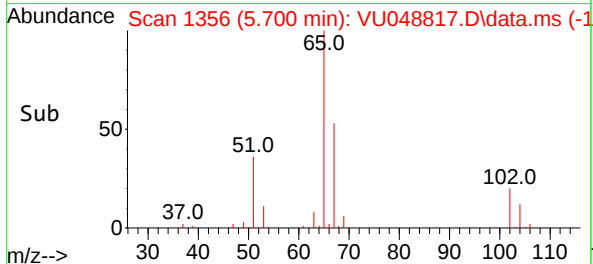
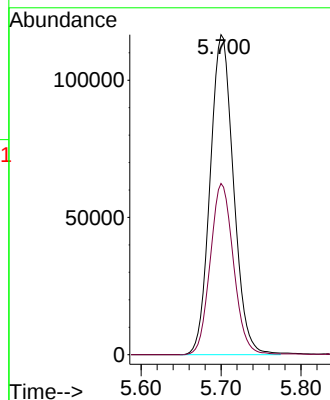
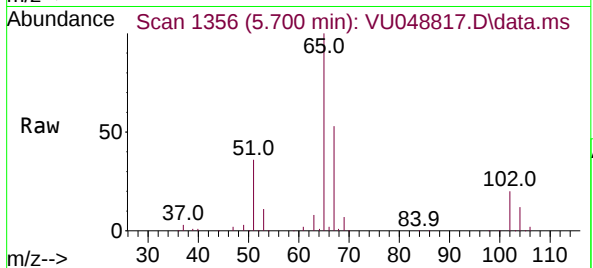
MH-140B-20220527

Tgt Ion: 65 Resp: 236994

Ion Ratio Lower Upper

65 100

67 53.2 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: VU048817.D

Acq: 02 Jun 2022 20:31

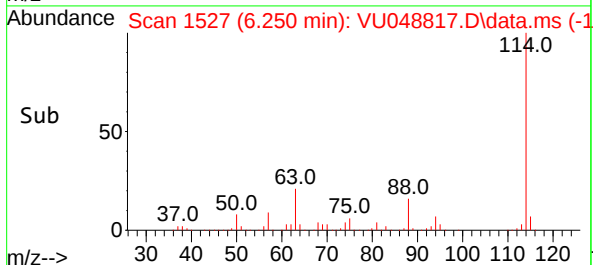
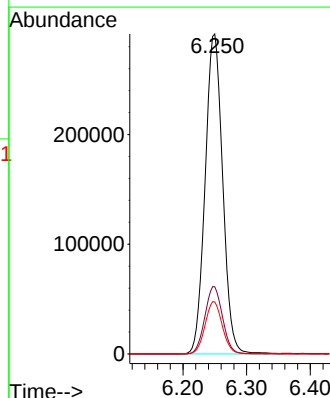
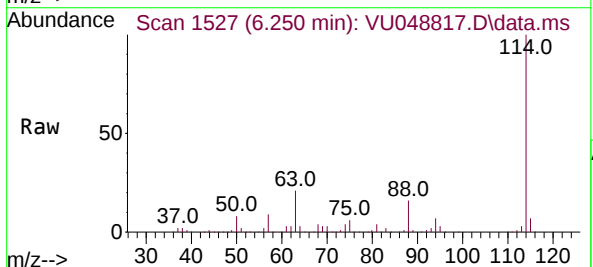
Tgt Ion: 114 Resp: 558353

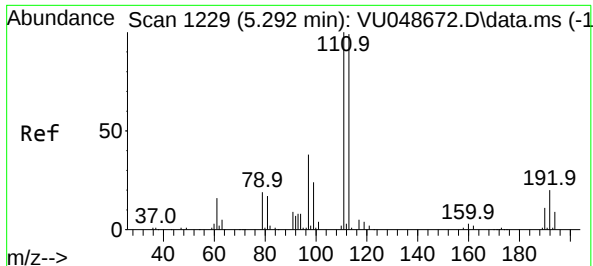
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.976 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048817.D

Acq: 02 Jun 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

MH-140B-20220527

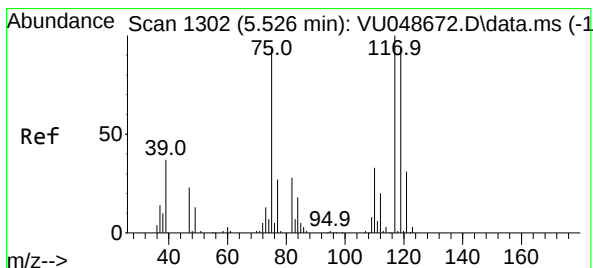
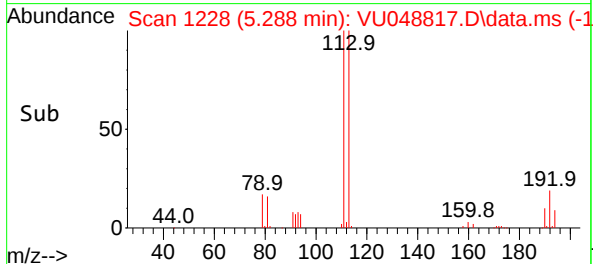
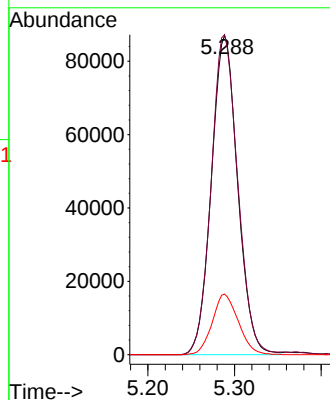
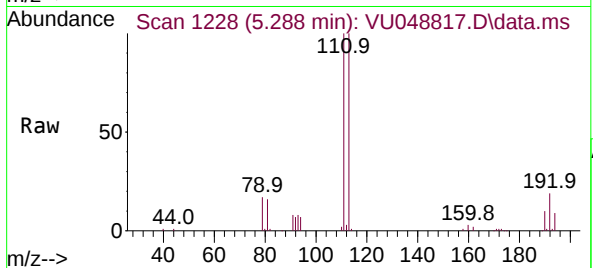
Tgt Ion:113 Resp: 183140

Ion Ratio Lower Upper

113 100

111 101.3 80.7 121.1

192 18.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.704 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048817.D

Acq: 02 Jun 2022 20:31

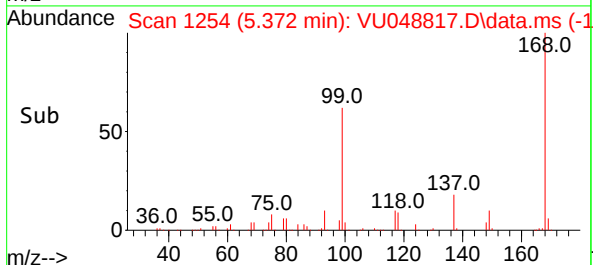
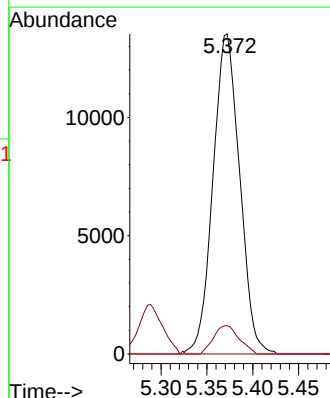
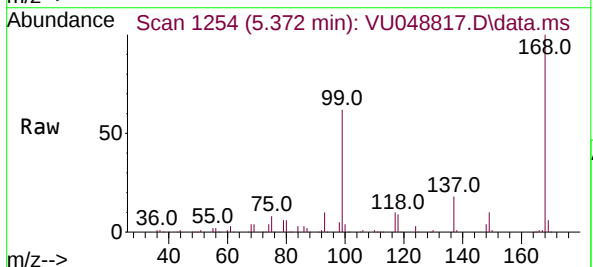
Tgt Ion: 75 Resp: 27346

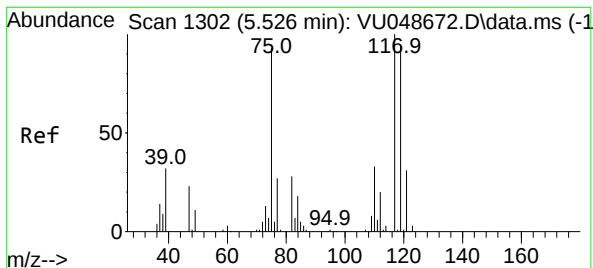
Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.3#

77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.232 ug/l

RT: 5.375 min Scan# 117

Delta R.T. -0.151 min

Lab File: VU048817.D

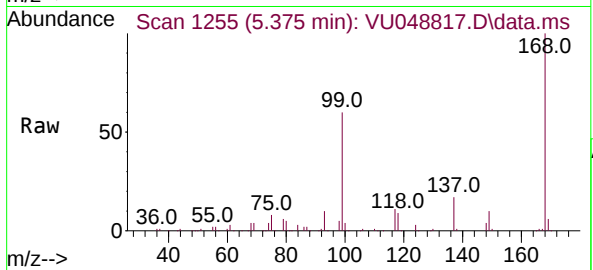
Acq: 02 Jun 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

MH-140B-20220527



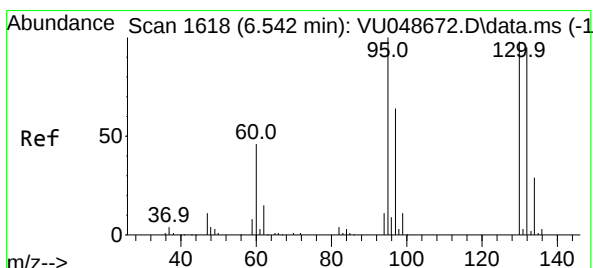
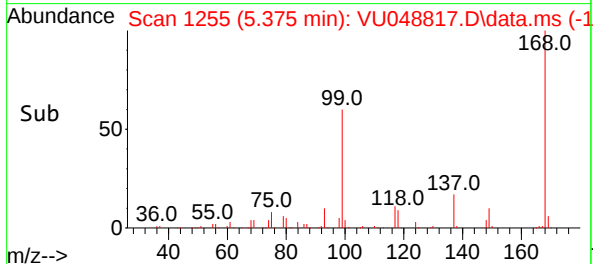
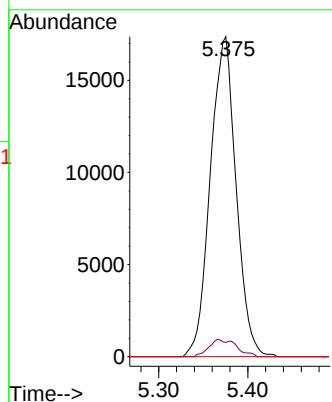
Tgt Ion:117 Resp: 34894

Ion Ratio Lower Upper

117 100

119 4.4 75.4 113.2#

121 0.0 24.6 36.8#



#44

Trichloroethene

Concen: 2.401 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU048817.D

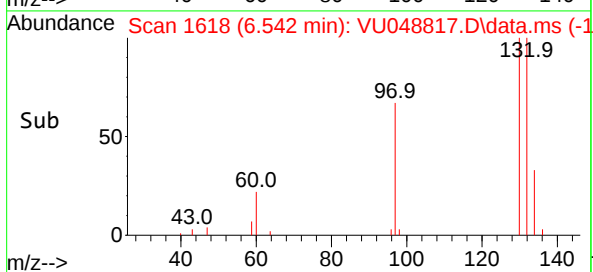
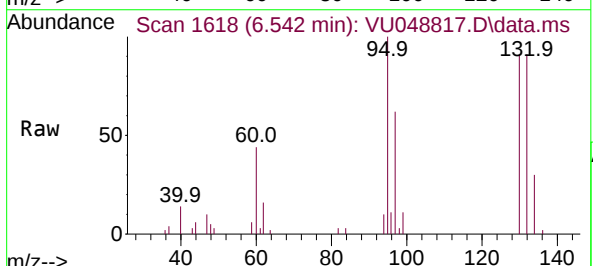
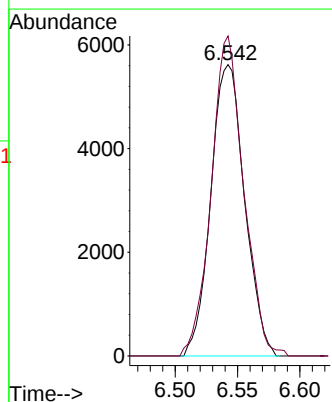
Acq: 02 Jun 2022 20:31

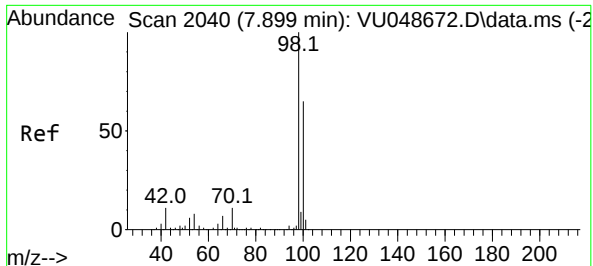
Tgt Ion:130 Resp: 10616

Ion Ratio Lower Upper

130 100

95 109.8 0.0 204.8

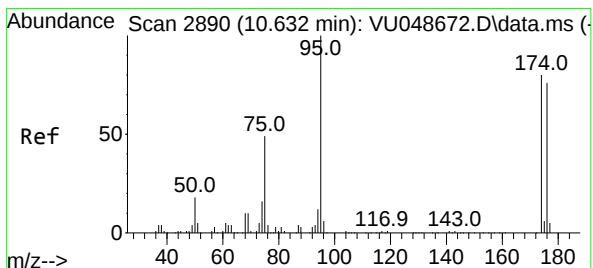
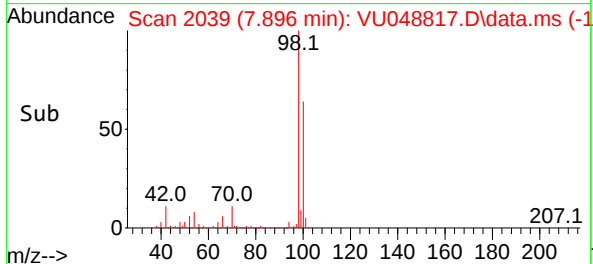
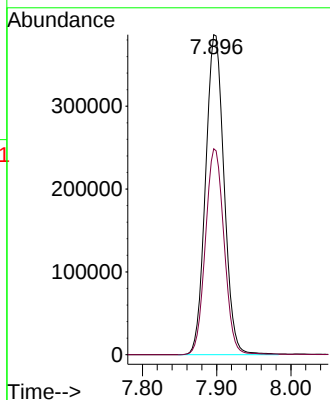
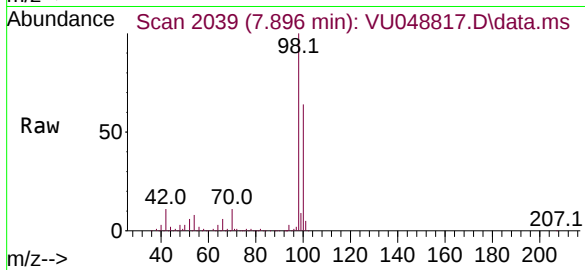




#50
Toluene-d8
Concen: 46.748 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

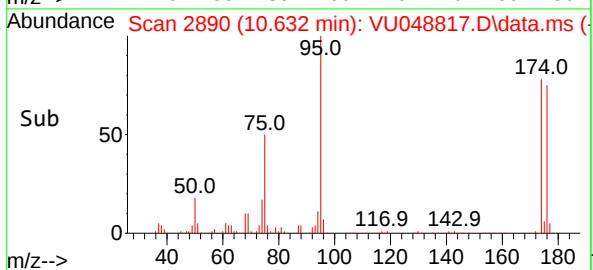
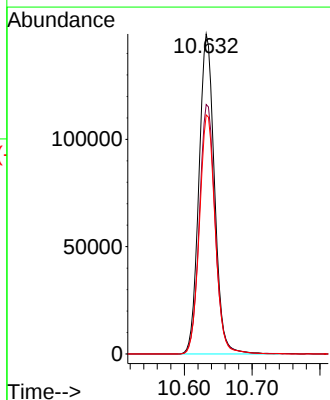
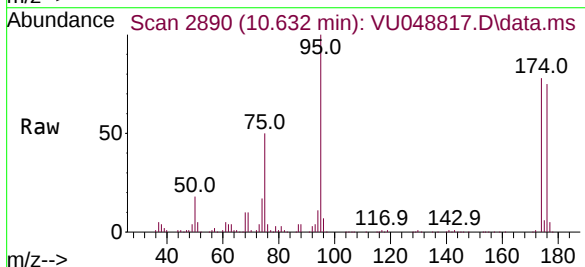
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

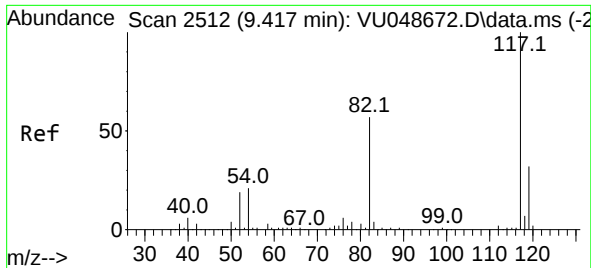
Tgt Ion: 98 Resp: 667515
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.949 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Tgt Ion: 95 Resp: 237337
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.4
176 75.8 0.0 152.4

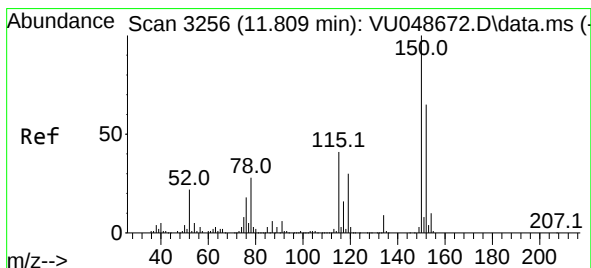
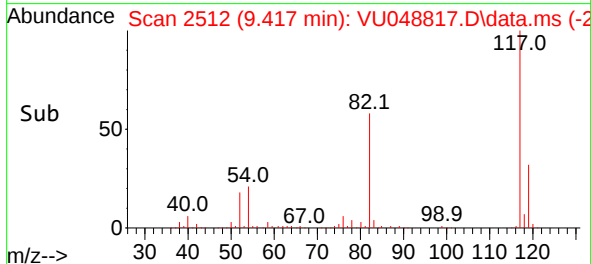
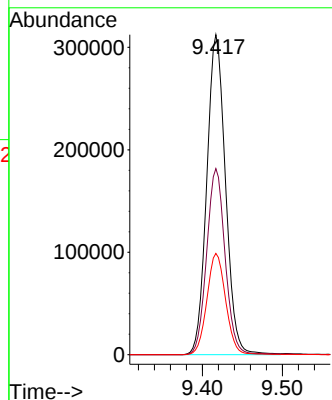
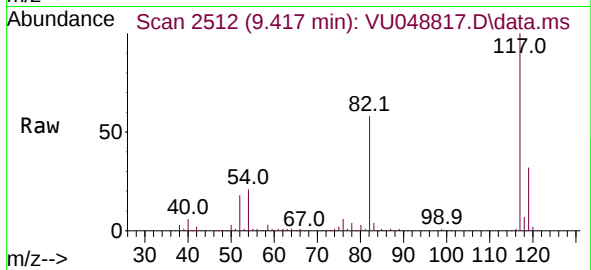




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

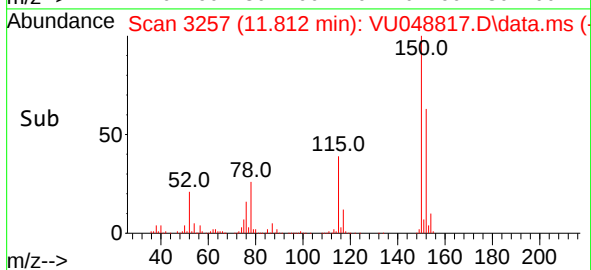
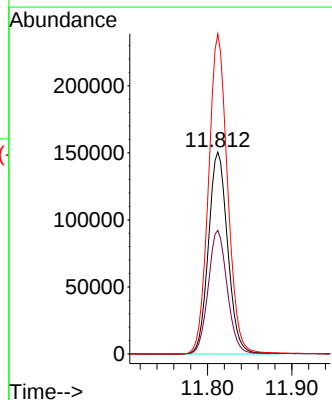
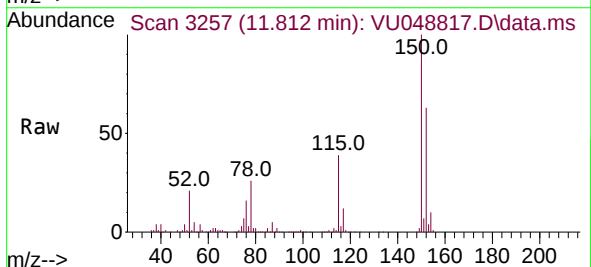
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

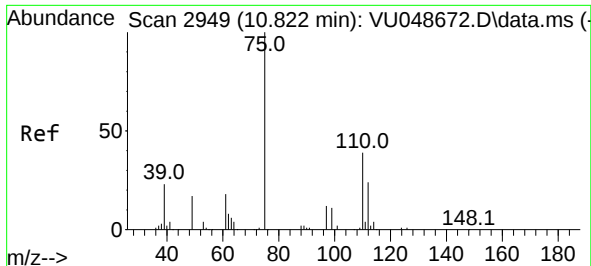
Tgt Ion:117 Resp: 509355
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Tgt Ion:152 Resp: 238779
Ion Ratio Lower Upper
152 100
115 60.9 41.8 125.4
150 157.6 0.0 341.0

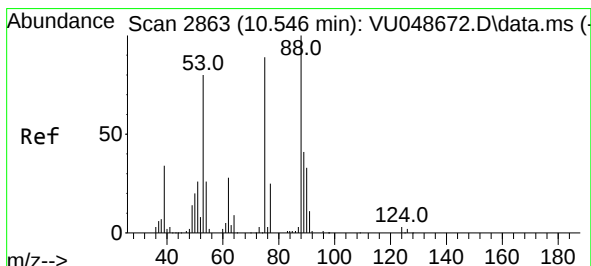
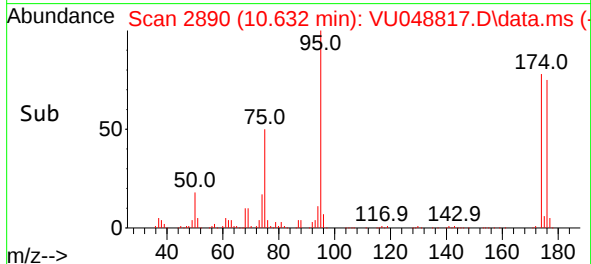
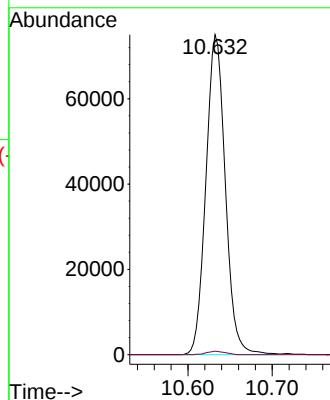
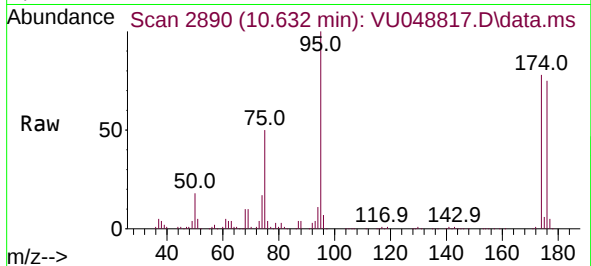




#76
1,2,3-Trichloropropane
Concen: 15.605 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

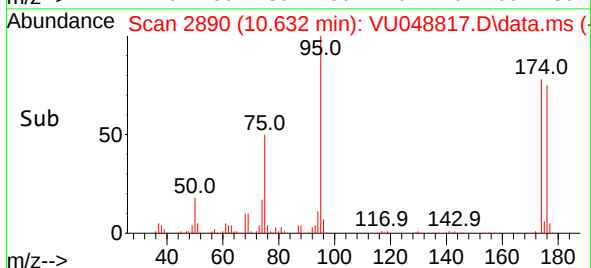
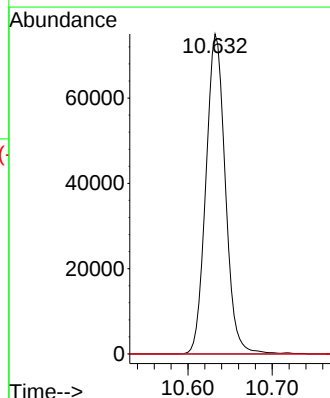
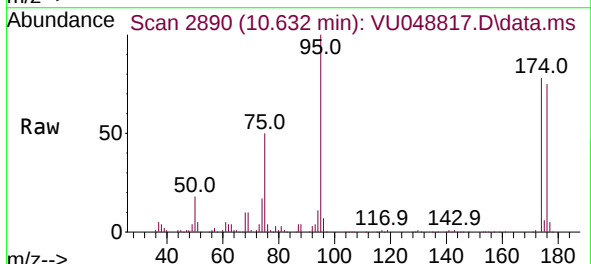
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

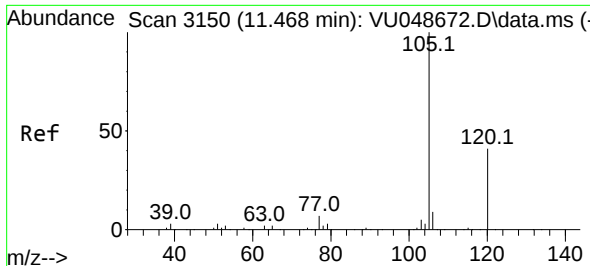
Tgt Ion: 75 Resp: 120139
Ion Ratio Lower Upper
75 100
77 1.0 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.659 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Tgt Ion: 75 Resp: 120139
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

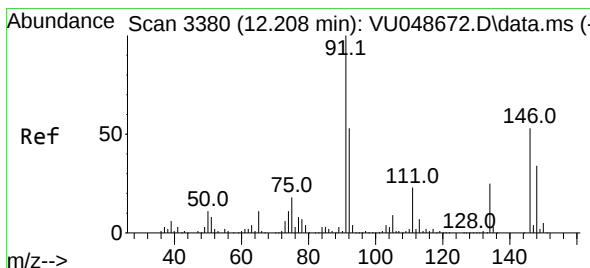
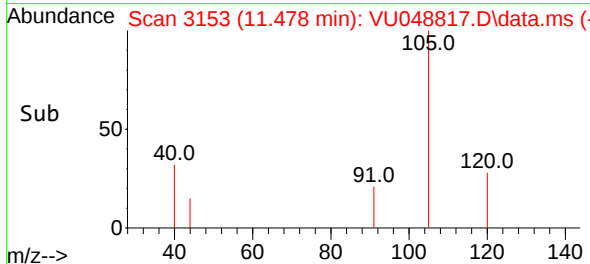
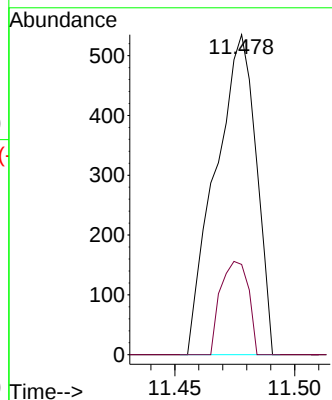
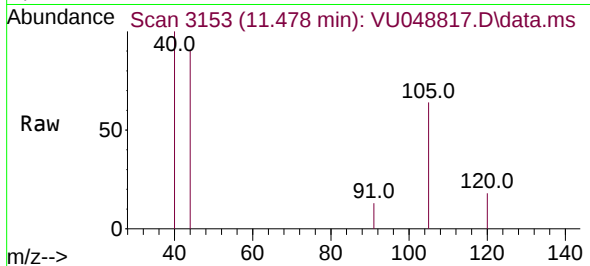




#84
1,2,4-Trimethylbenzene
Concen: 1.230 ug/l
RT: 11.478 min Scan# 3150
Delta R.T. 0.010 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

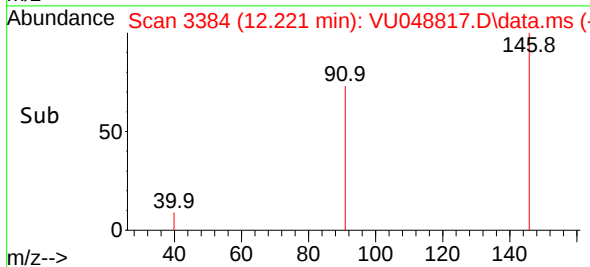
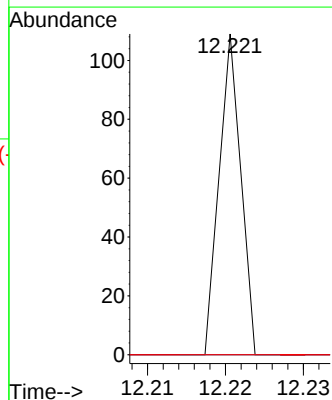
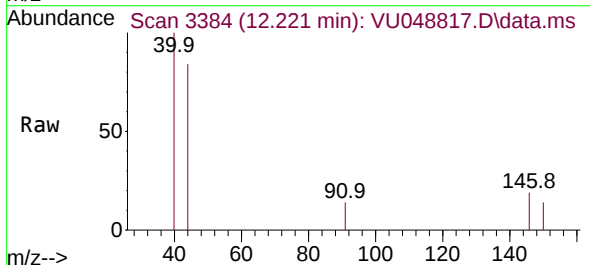
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527

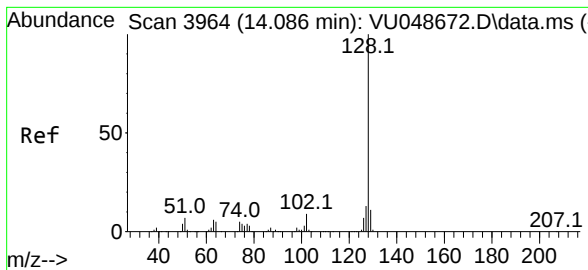
Tgt Ion:105 Resp: 633
Ion Ratio Lower Upper
105 100
120 19.9 22.5 67.5#



#89
n-Butylbenzene
Concen: 2.187 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.013 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

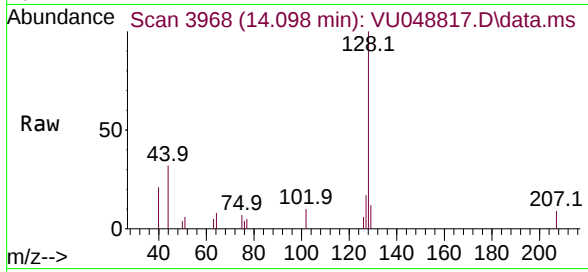
Tgt Ion: 91 Resp: 21
Ion Ratio Lower Upper
91 100
92 0.0 25.9 77.8#
134 0.0 12.5 37.5#





#95
Naphthalene
Concen: 2.897 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.012 min
Lab File: VU048817.D
Acq: 02 Jun 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20220527



Tgt Ion:	128	Resp:	7209
Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.2	15.4
129	8.0	8.7	13.1#

