

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048834.D
 Acq On : 03 Jun 2022 04:02
 Operator : SY/MD
 Sample : N3112-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-121.5N-20220527

Quant Time: Jun 03 04:35:54 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)

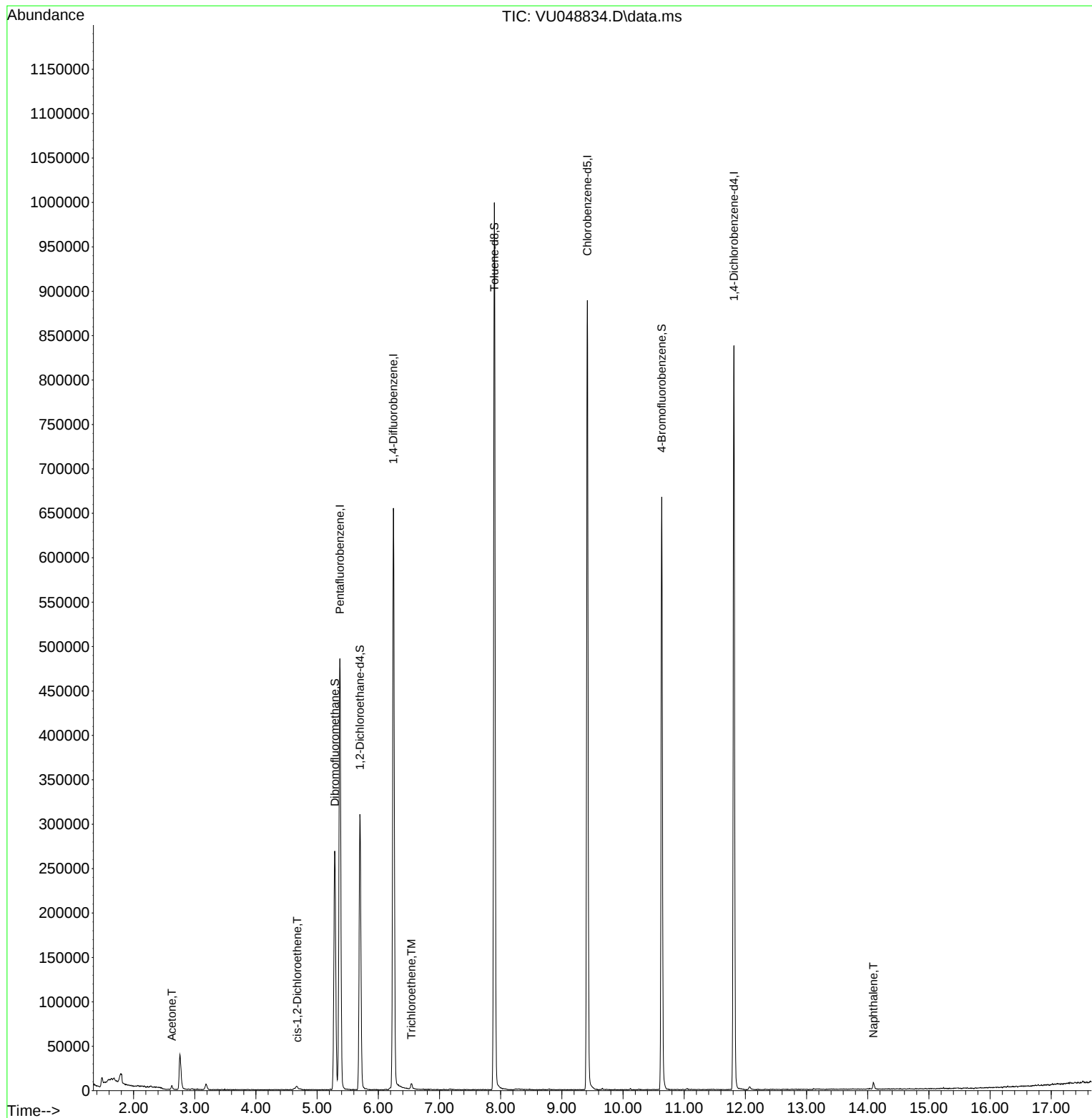
Internal Standards						
1) Pentafluorobenzene	5.372	168	329265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	523613	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	495786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	224559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	233386	47.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.400%
35) Dibromofluoromethane	5.288	113	177880	47.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	7.896	98	665710	49.714	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.420%
62) 4-Bromofluorobenzene	10.632	95	222778	43.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.980%
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	4455	1.768	ug/l	93
27) cis-1,2-Dichloroethene	4.674	96	2169	0.489	ug/l	86
44) Trichloroethene	6.539	130	2264	0.546	ug/l	79
95) Naphthalene	14.092	128	6912	2.904	ug/l	97

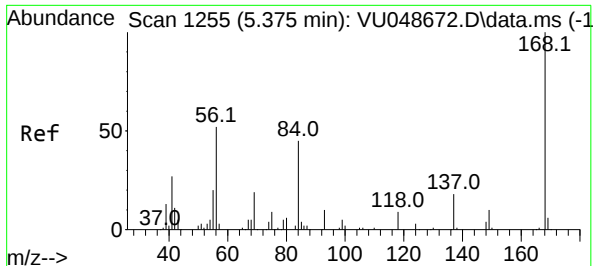
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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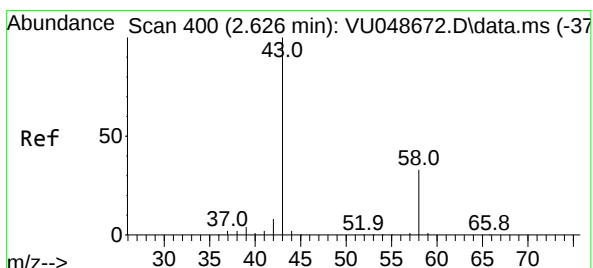
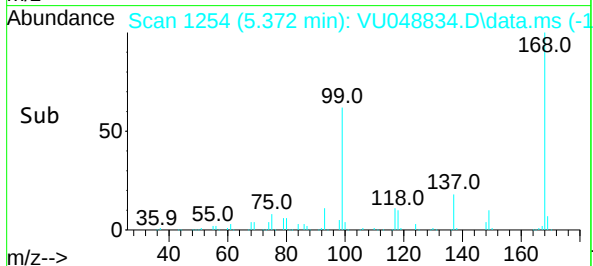
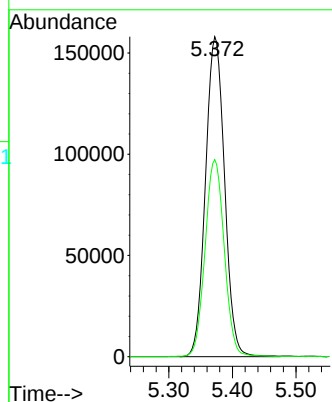
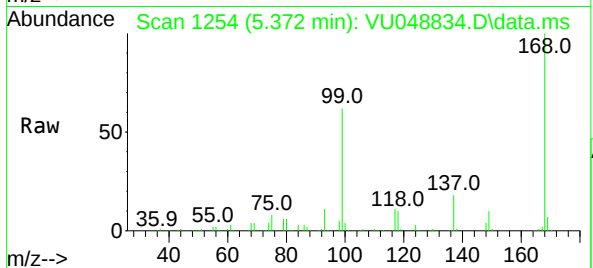




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048834.D
Acq: 03 Jun 2022 04:02

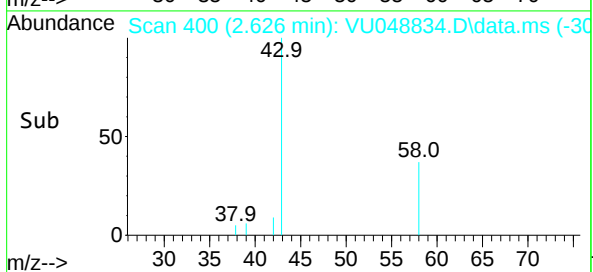
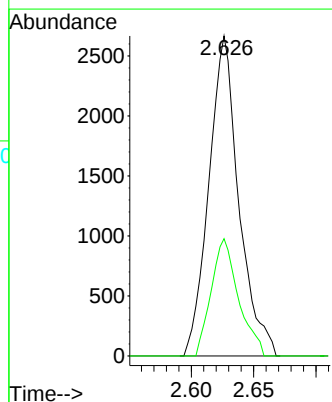
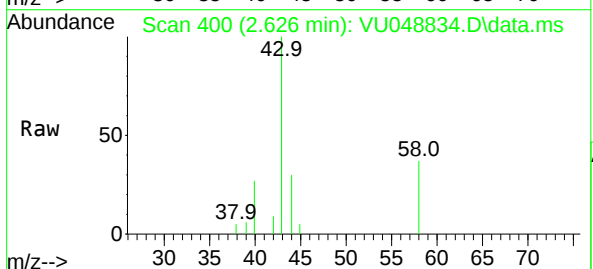
Instrument :
MSVOA_U
ClientSampleId :
MH-121.5N-20220527

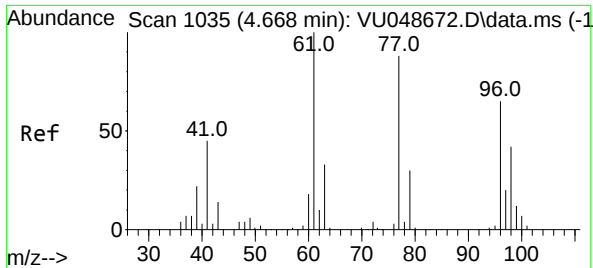
Tgt Ion:168 Resp: 329265
Ion Ratio Lower Upper
168 100
99 61.5 49.3 73.9



#16
Acetone
Concen: 1.768 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048834.D
Acq: 03 Jun 2022 04:02

Tgt Ion: 43 Resp: 4455
Ion Ratio Lower Upper
43 100
58 36.6 26.3 39.5

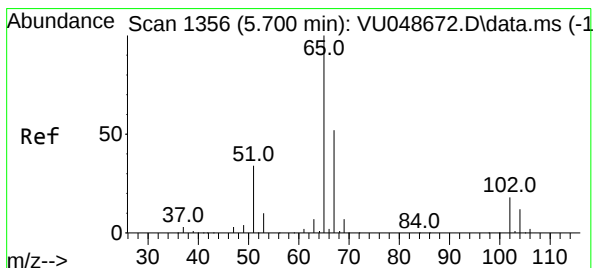
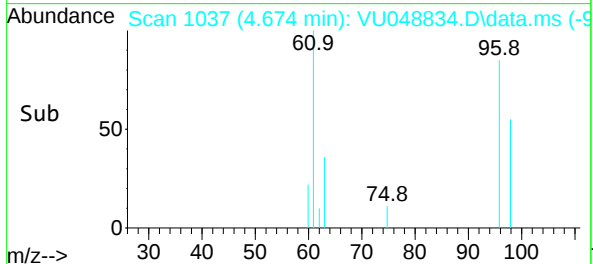
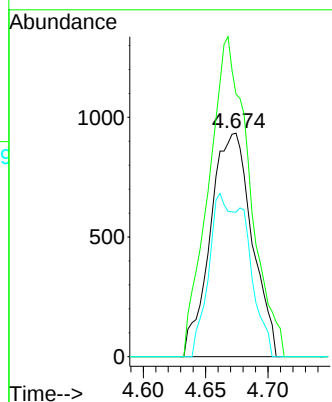
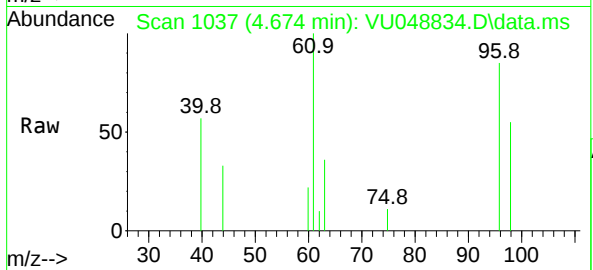




#27
 cis-1,2-Dichloroethene
 Concen: 0.489 ug/l
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VU048834.D
 Acq: 03 Jun 2022 04:02

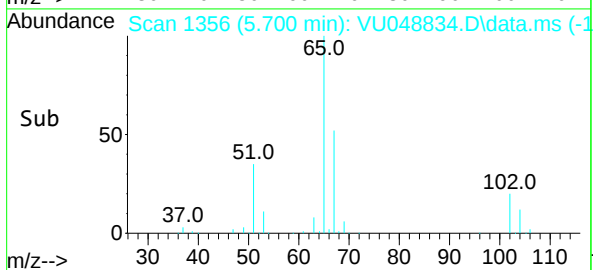
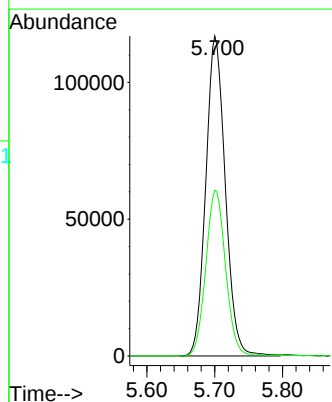
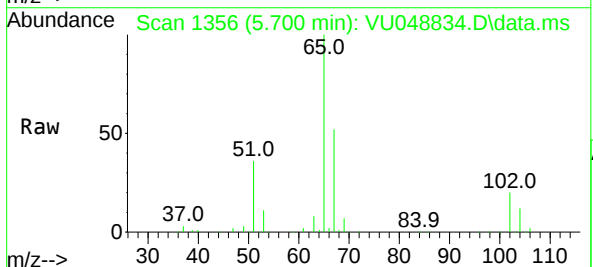
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-121.5N-20220527

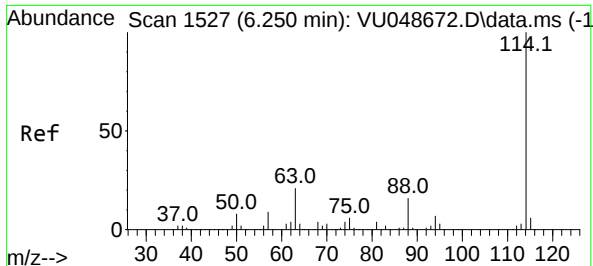
Tgt Ion: 96 Resp: 2169
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 306.2
 98 45.2 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 47.197 ug/l
 RT: 5.700 min Scan# 1356
 Delta R.T. 0.000 min
 Lab File: VU048834.D
 Acq: 03 Jun 2022 04:02

Tgt Ion: 65 Resp: 233386
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048834.D

Acq: 03 Jun 2022 04:02

Instrument :

MSVOA_U

ClientSampleId :

MH-121.5N-20220527

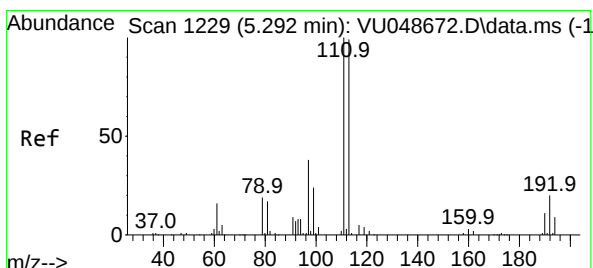
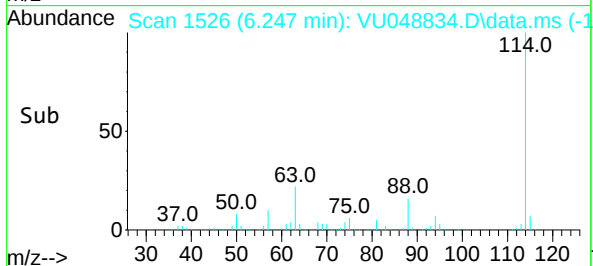
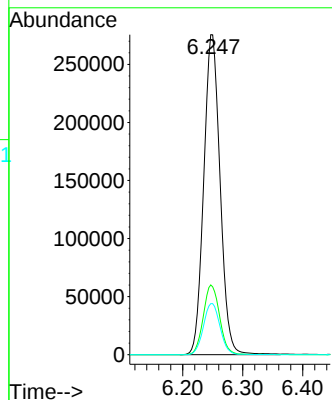
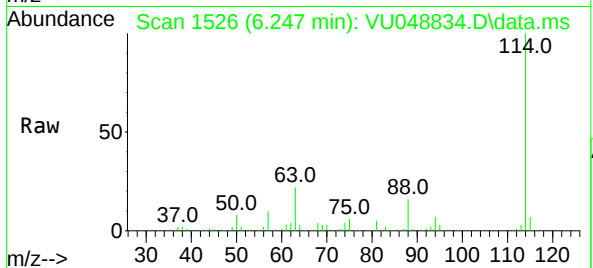
Tgt Ion:114 Resp: 523613

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.618 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048834.D

Acq: 03 Jun 2022 04:02

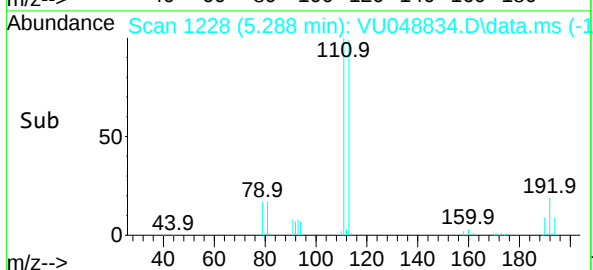
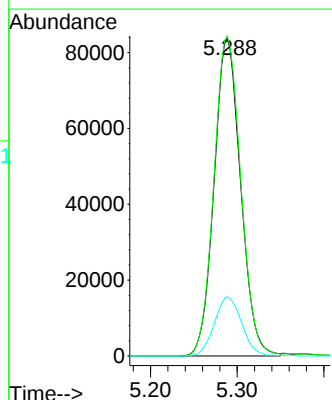
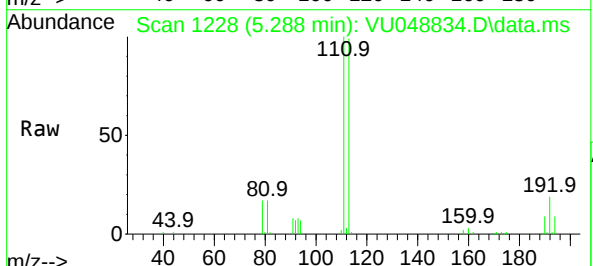
Tgt Ion:113 Resp: 177880

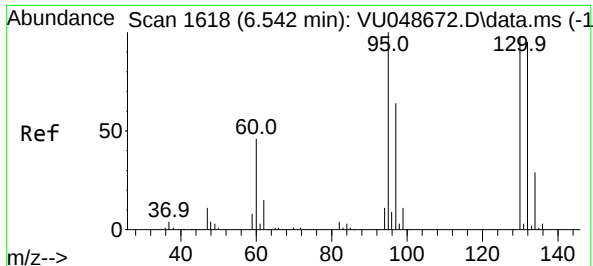
Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

192 19.2 15.9 23.9





#44

Trichloroethene

Concen: 0.546 ug/l

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048834.D

Acq: 03 Jun 2022 04:02

Instrument :

MSVOA_U

ClientSampleId :

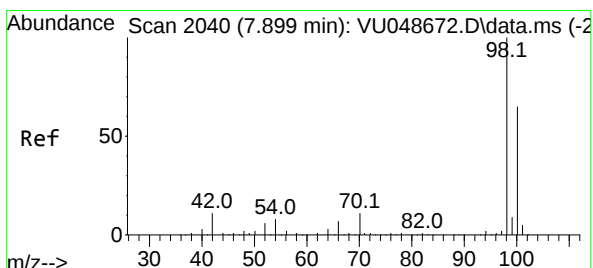
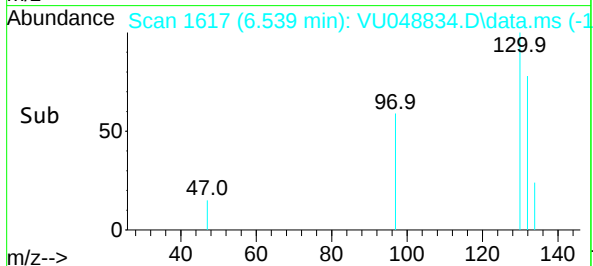
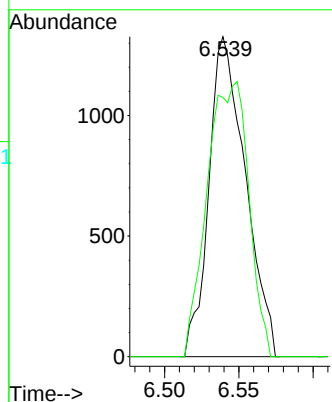
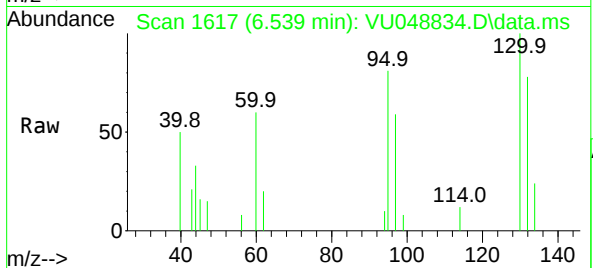
MH-121.5N-20220527

Tgt Ion:130 Resp: 2264

Ion Ratio Lower Upper

130 100

95 81.0 0.0 204.8



#50

Toluene-d8

Concen: 49.714 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048834.D

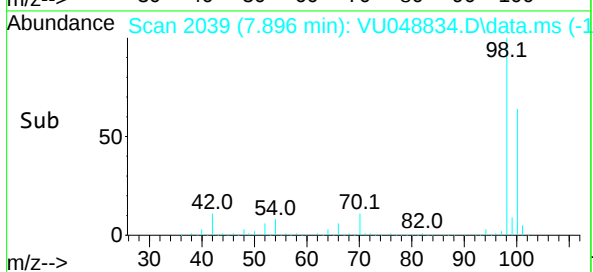
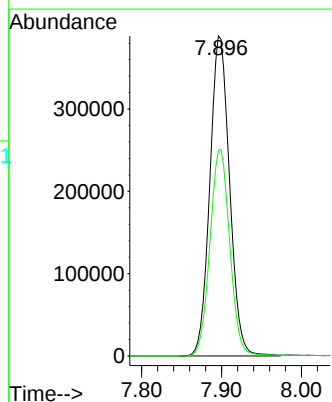
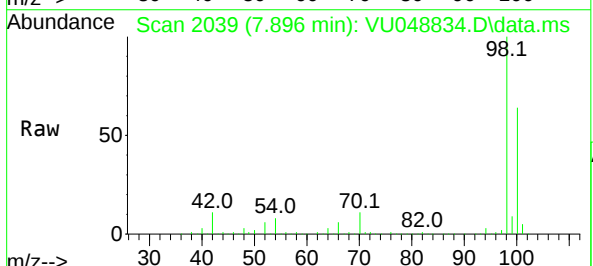
Acq: 03 Jun 2022 04:02

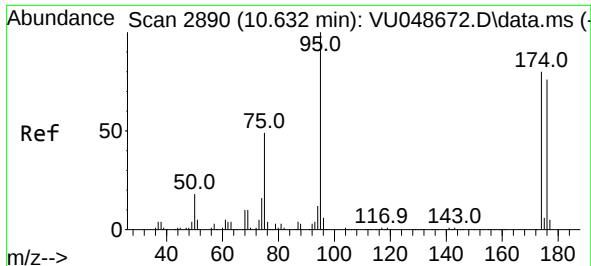
Tgt Ion: 98 Resp: 665710

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4

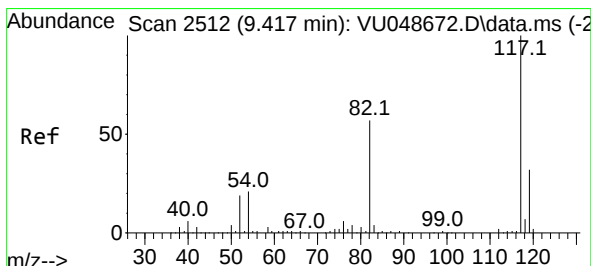
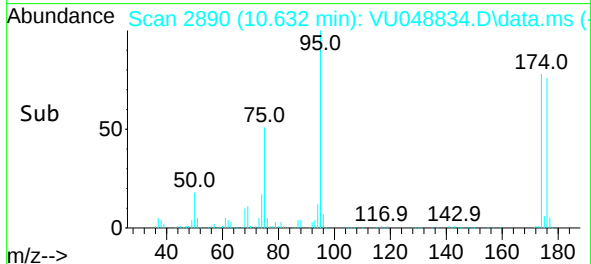
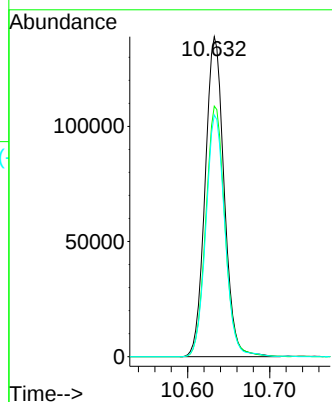
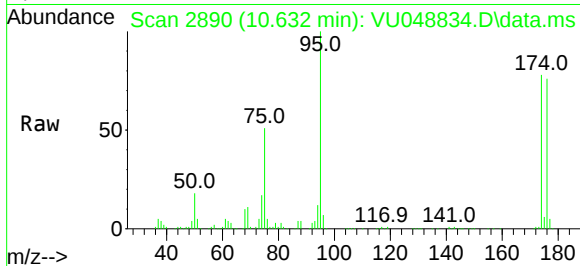




#62
4-Bromofluorobenzene
Concen: 43.990 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048834.D
Acq: 03 Jun 2022 04:02

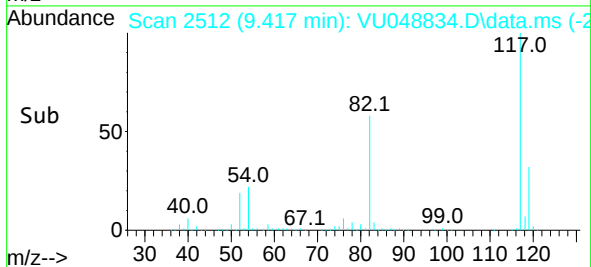
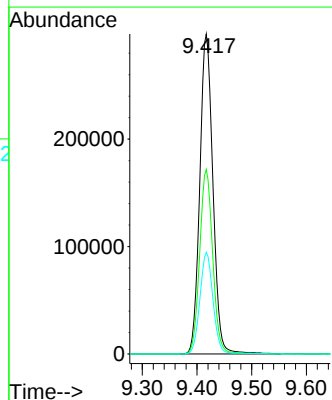
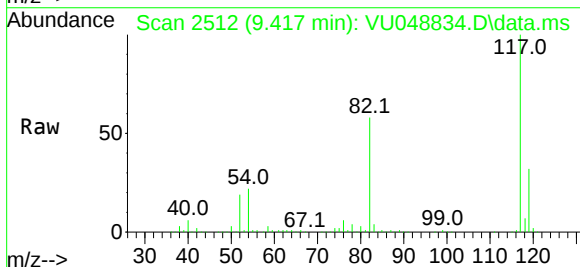
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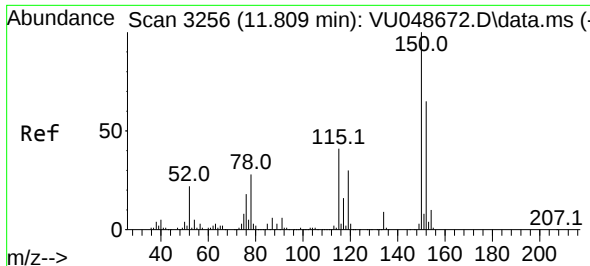
Tgt Ion: 95 Resp: 222778
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.4
176 75.8 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048834.D
Acq: 03 Jun 2022 04:02

Tgt Ion: 117 Resp: 495786
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 31.7 25.4 38.2

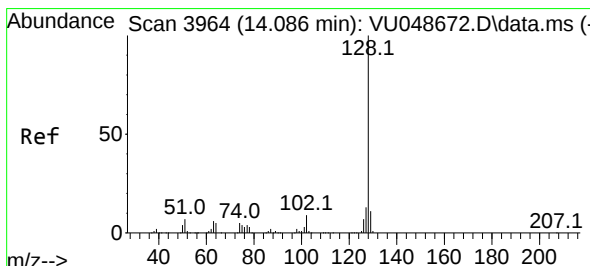
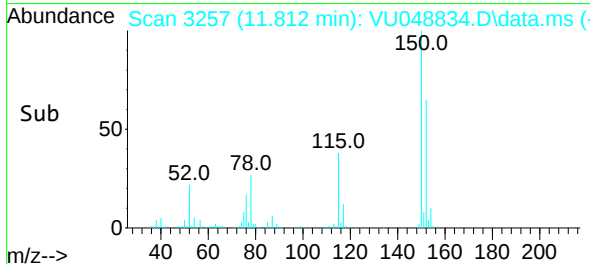
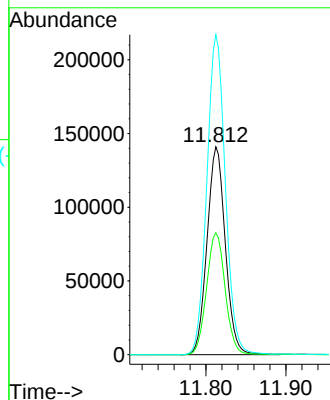
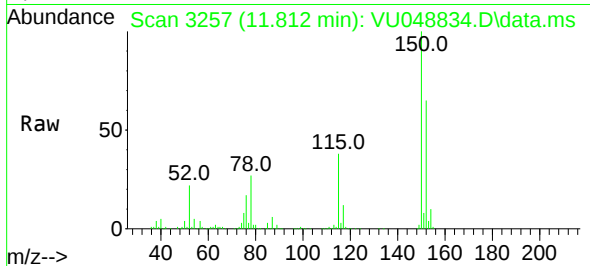




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048834.D
Acq: 03 Jun 2022 04:02

Instrument :
MSVOA_U
ClientSampleId :
MH-121.5N-20220527

Tgt Ion:152 Resp: 224559
Ion Ratio Lower Upper
152 100
115 59.6 41.8 125.4
150 155.4 0.0 341.0



#95
Naphthalene
Concen: 2.904 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU048834.D
Acq: 03 Jun 2022 04:02

Tgt Ion:128 Resp: 6912
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 8.8 8.7 13.1

