

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048693.D
 Acq On : 27 May 2022 15:04
 Operator : SY/MD
 Sample : N3056-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-15

Quant Time: May 28 00:19:26 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)

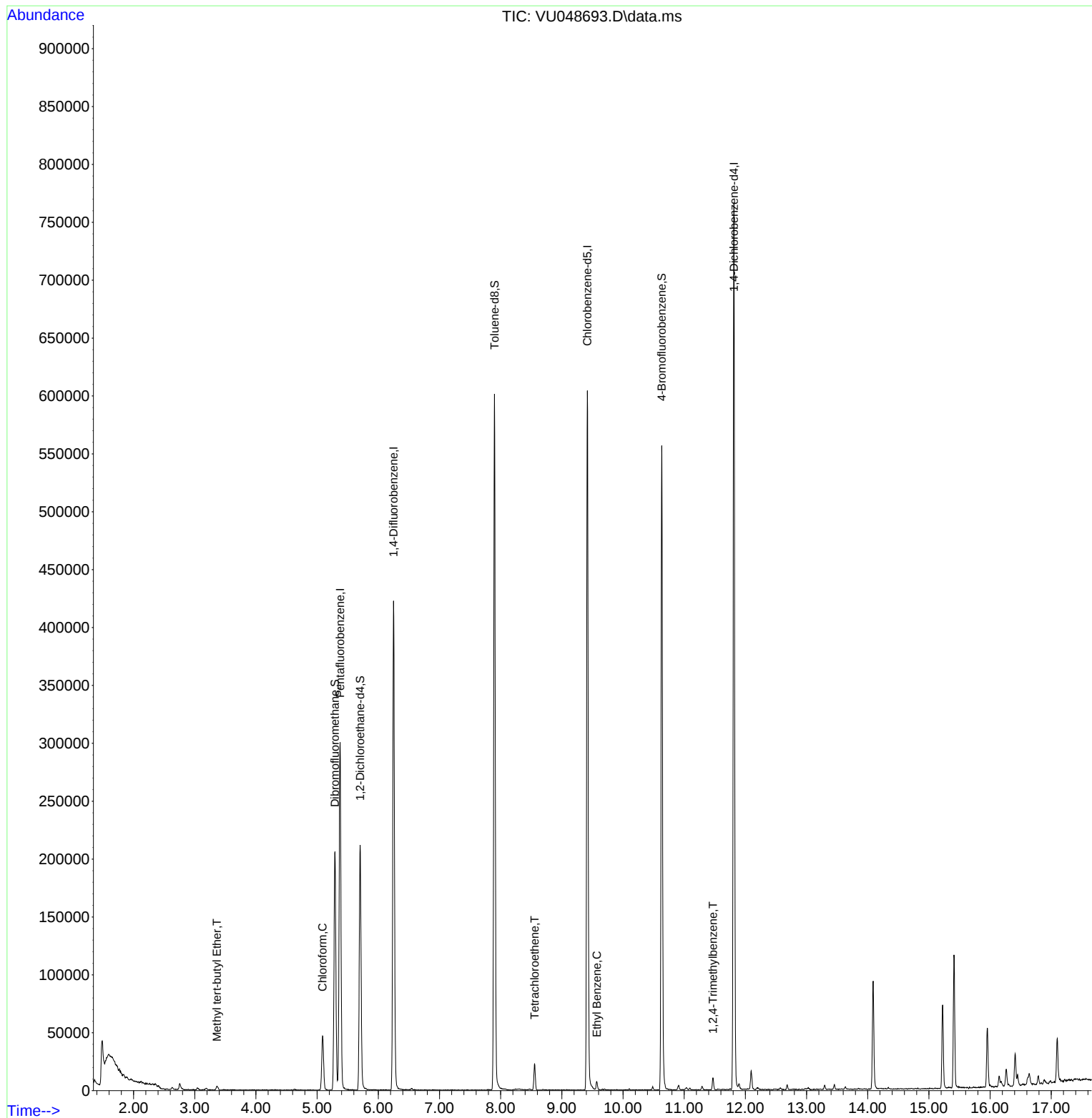
Internal Standards						
1) Pentafluorobenzene	5.375	168	204968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	340677	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	338565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	204644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	160194	52.041	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.080%	
35) Dibromofluoromethane	5.292	113	135180	55.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.240%	
50) Toluene-d8	7.899	98	404012	46.372	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.740%	
62) 4-Bromofluorobenzene	10.632	95	189772	57.595	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.200%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.363	73	3336	0.421	ug/l	96
30) Chloroform	5.089	83	42594	9.094	ug/l	93
64) Tetrachloroethene	8.555	164	5098	1.084	ug/l	96
67) Ethyl Benzene	9.571	91	5564	0.461	ug/l #	87
84) 1,2,4-Trimethylbenzene	11.472	105	6365	1.689	ug/l	100

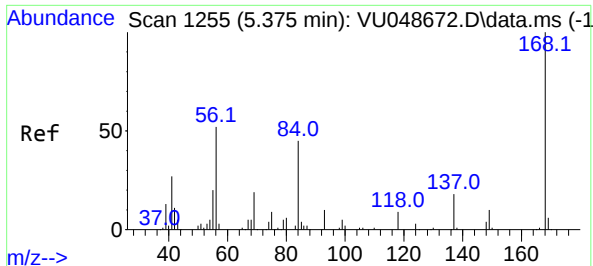
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048693.D

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Instrument :

MSVOA_U

ClientSampleId :

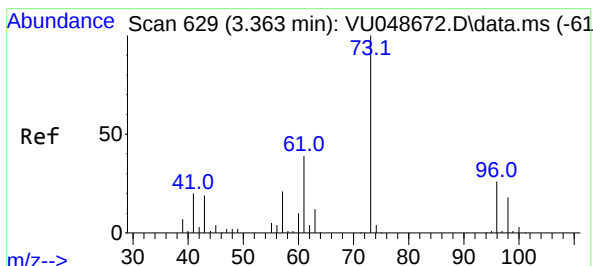
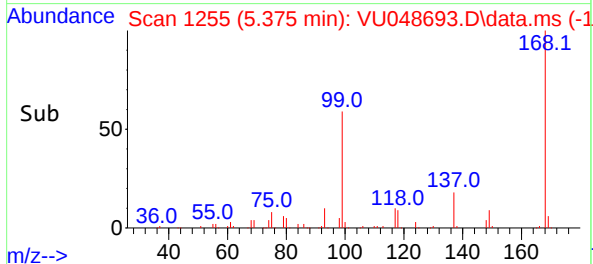
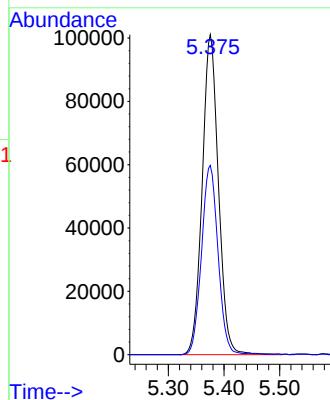
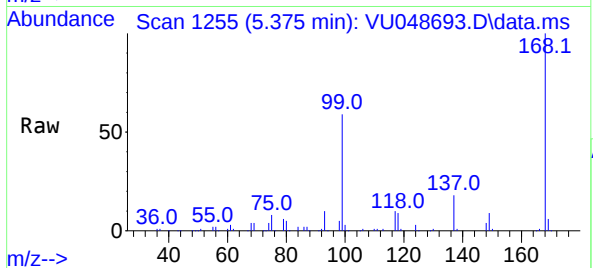
MW-15

Tgt Ion:168 Resp: 204968

Ion Ratio Lower Upper

168 100

99 59.1 49.3 73.9



#19

Methyl tert-butyl Ether

Concen: 0.421 ug/l

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU048693.D

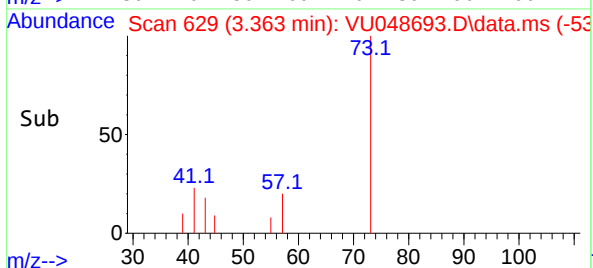
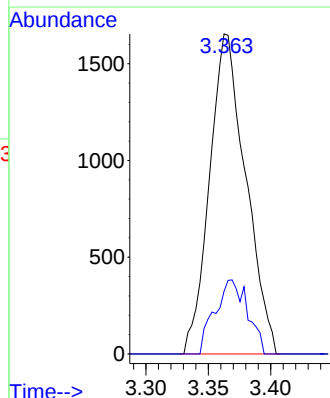
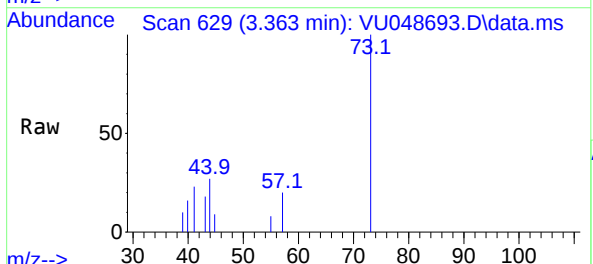
Acq: 27 May 2022 15:04

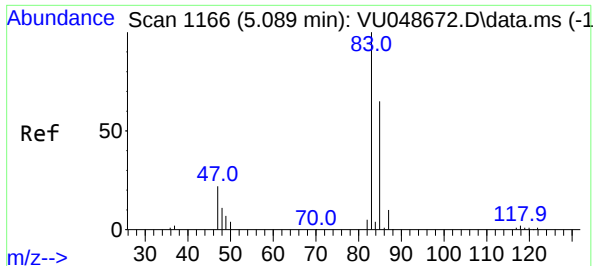
Tgt Ion: 73 Resp: 3336

Ion Ratio Lower Upper

73 100

57 19.5 17.1 25.7





#30

Chloroform

Concen: 9.094 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048693.D

Acq: 27 May 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

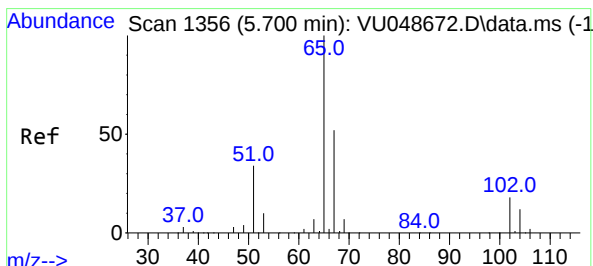
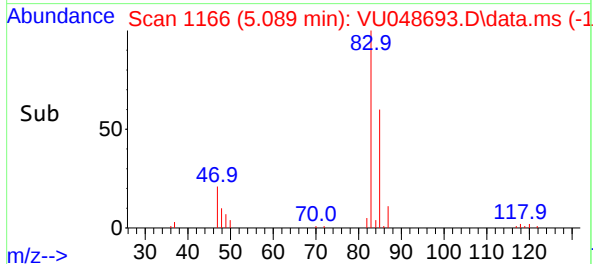
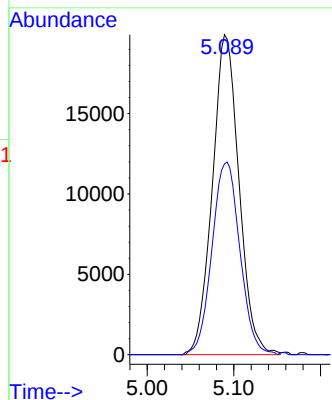
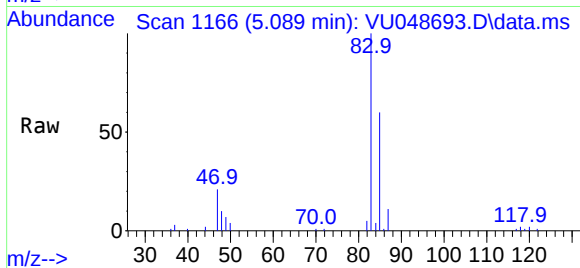
MW-15

Tgt Ion: 83 Resp: 42594

Ion Ratio Lower Upper

83 100

85 59.6 52.2 78.2



#33

1,2-Dichloroethane-d4

Concen: 52.041 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048693.D

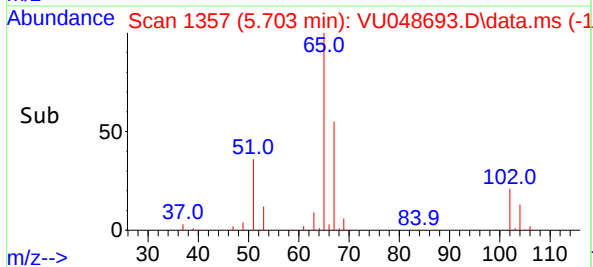
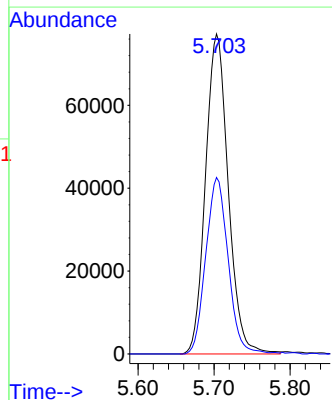
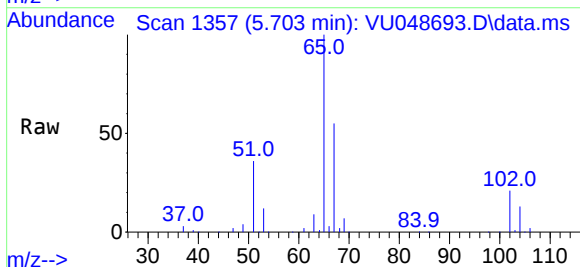
Acq: 27 May 2022 15:04

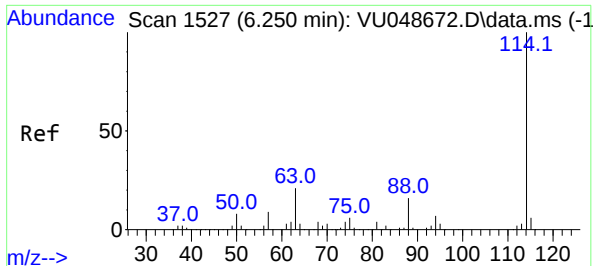
Tgt Ion: 65 Resp: 160194

Ion Ratio Lower Upper

65 100

67 54.2 0.0 103.0

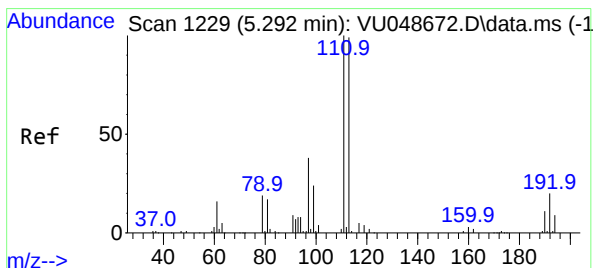
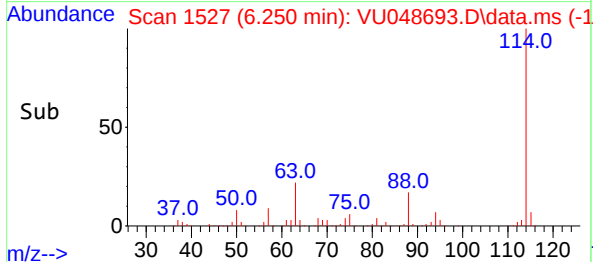
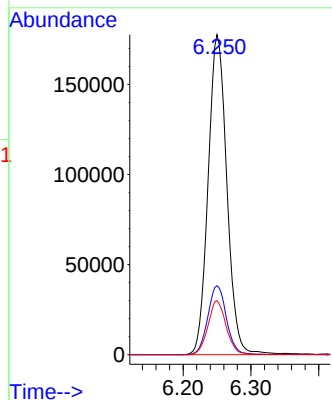
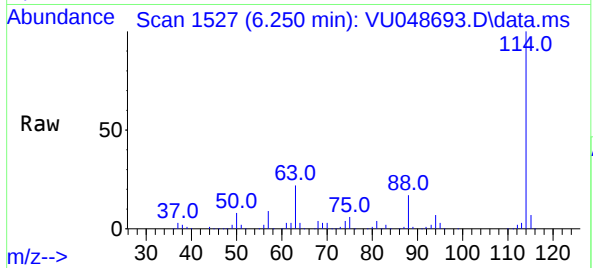




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048693.D
Acq: 27 May 2022 15:04

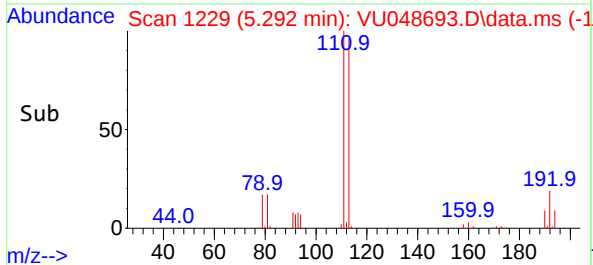
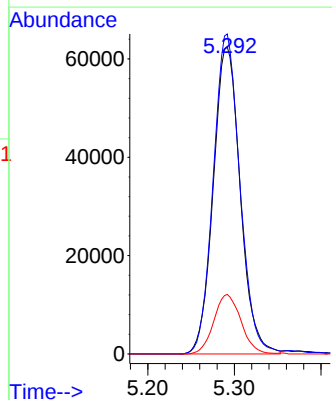
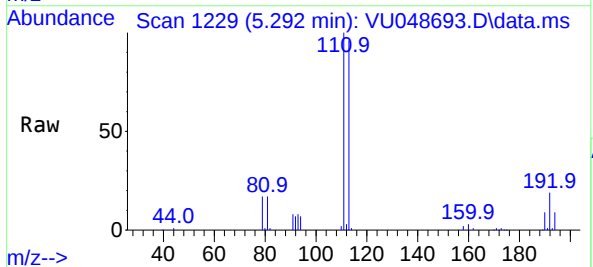
Instrument :
MSVOA_U
ClientSampleId :
MW-15

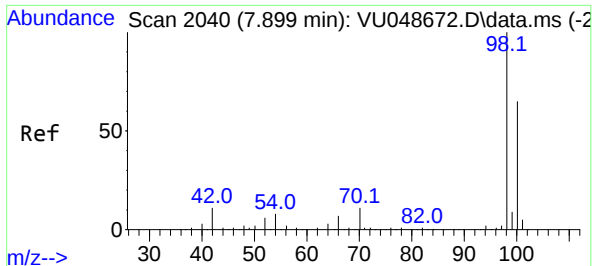
Tgt Ion:114 Resp: 340677
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.6
88 16.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.619 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048693.D
Acq: 27 May 2022 15:04

Tgt Ion:113 Resp: 135180
Ion Ratio Lower Upper
113 100
111 102.9 80.7 121.1
192 19.5 15.9 23.9

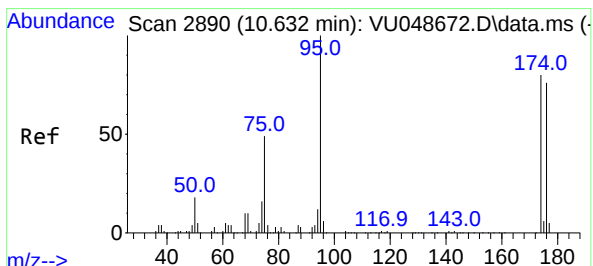
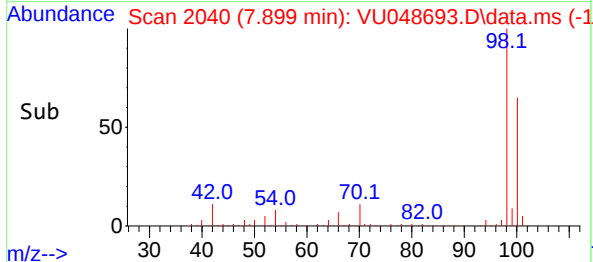
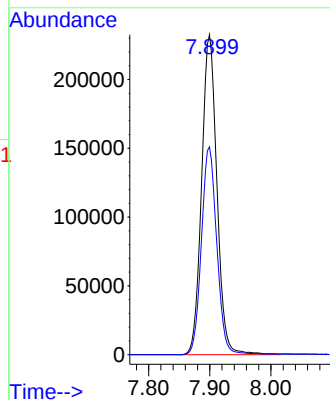
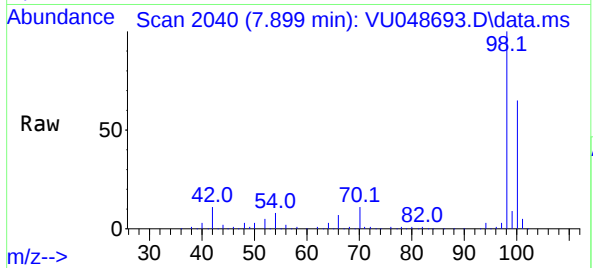




#50
Toluene-d8
Concen: 46.372 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048693.D
Acq: 27 May 2022 15:04

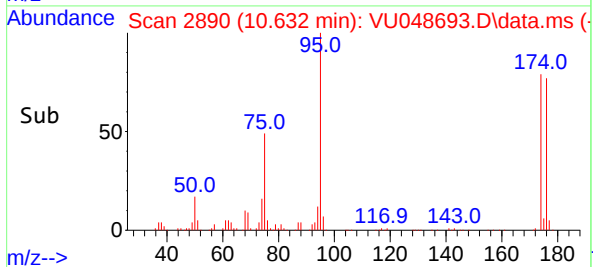
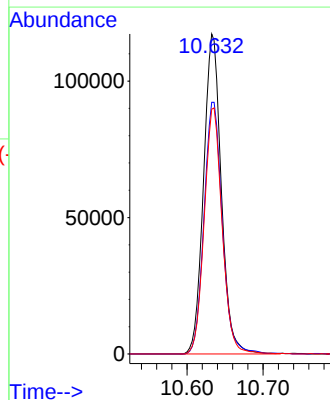
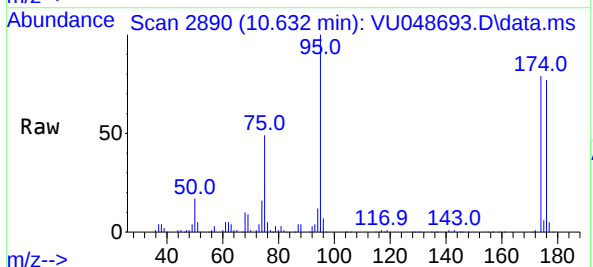
Instrument :
MSVOA_U
ClientSampleId :
MW-15

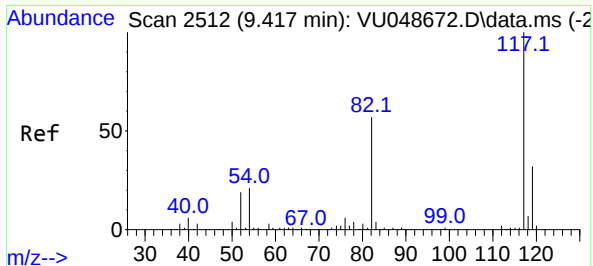
Tgt Ion: 98 Resp: 404012
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 57.595 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048693.D
Acq: 27 May 2022 15:04

Tgt Ion: 95 Resp: 189772
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.4
176 77.7 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU048693.D

Acq: 27 May 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

MW-15

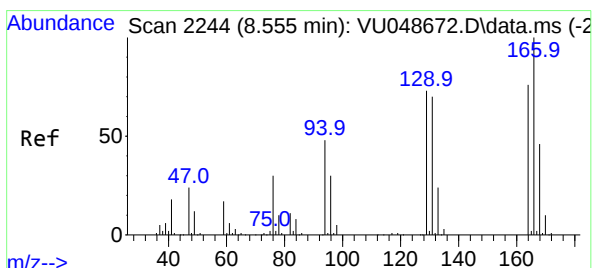
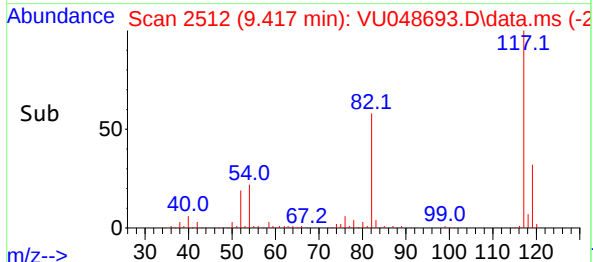
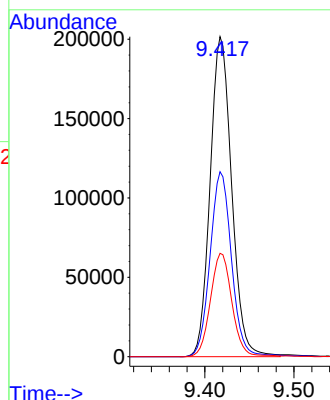
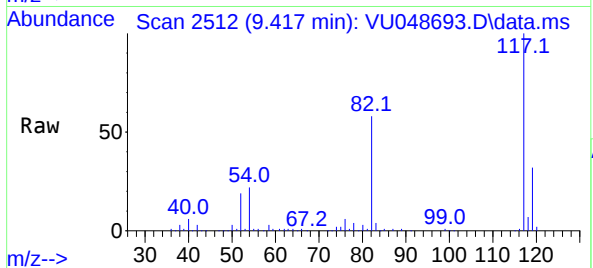
Tgt Ion:117 Resp: 338565

Ion Ratio Lower Upper

117 100

82 57.8 45.3 67.9

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 1.084 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU048693.D

Acq: 27 May 2022 15:04

Tgt Ion:164 Resp: 5098

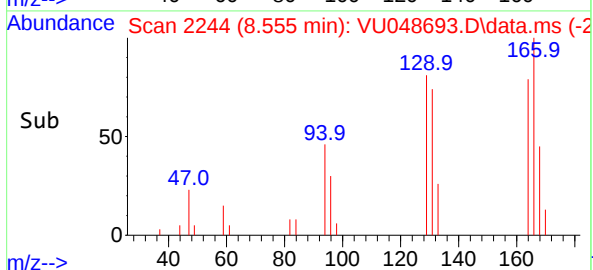
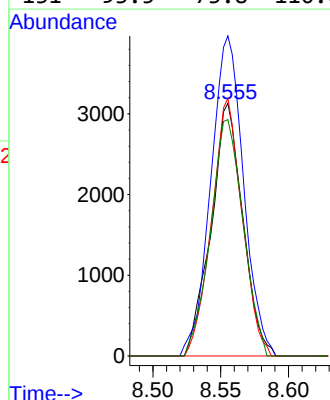
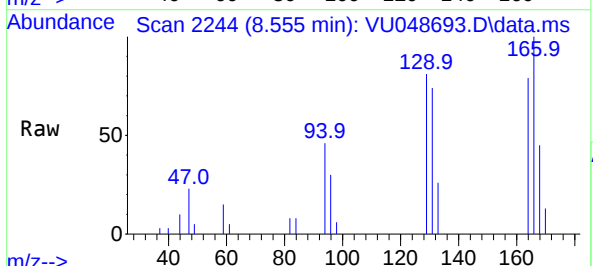
Ion Ratio Lower Upper

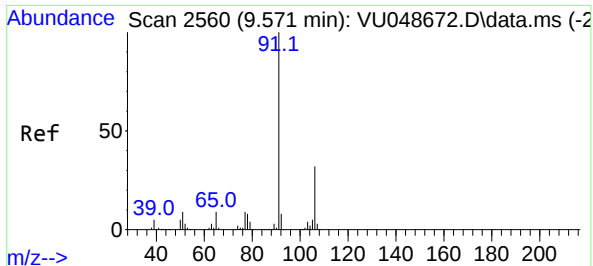
164 100

166 126.7 105.0 157.4

129 102.0 76.5 114.7

131 93.5 73.8 110.6





#67

Ethyl Benzene

Concen: 0.461 ug/l

RT: 9.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048693.D

Acq: 27 May 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

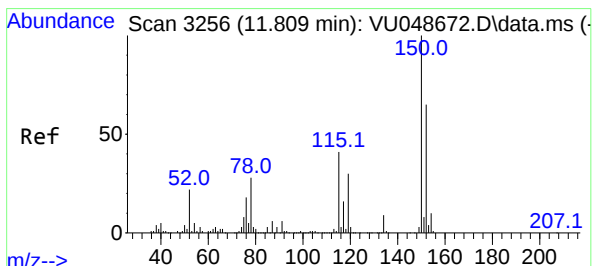
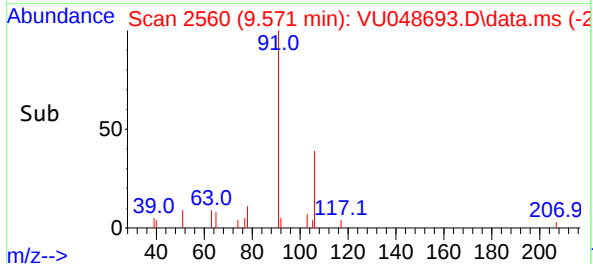
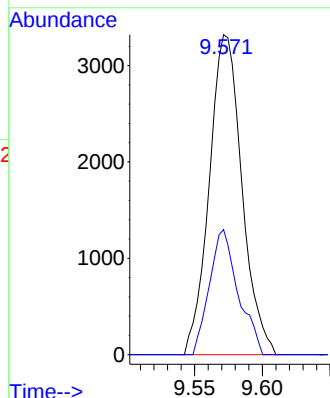
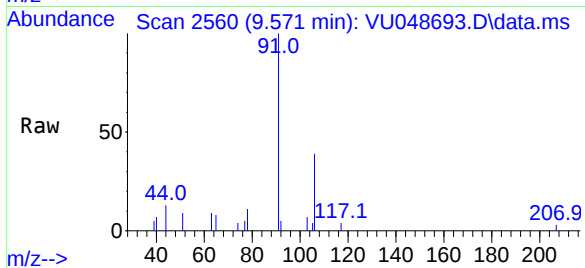
MW-15

Tgt Ion: 91 Resp: 5564

Ion Ratio Lower Upper

91 100

106 39.1 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: VU048693.D

Acq: 27 May 2022 15:04

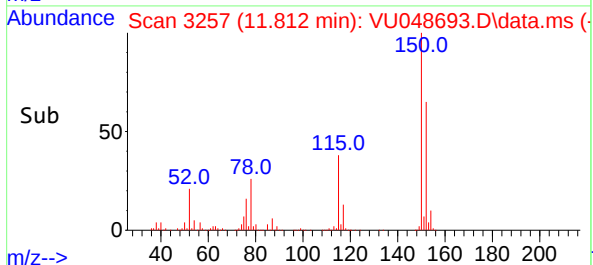
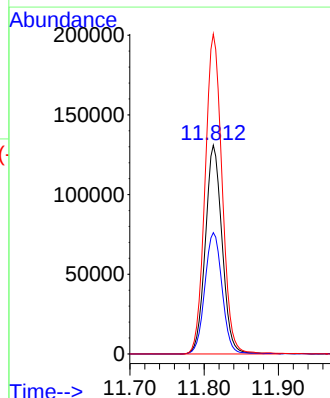
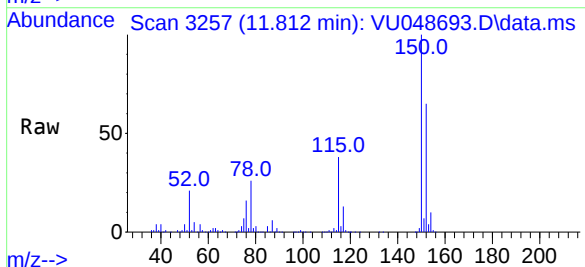
Tgt Ion:152 Resp: 204644

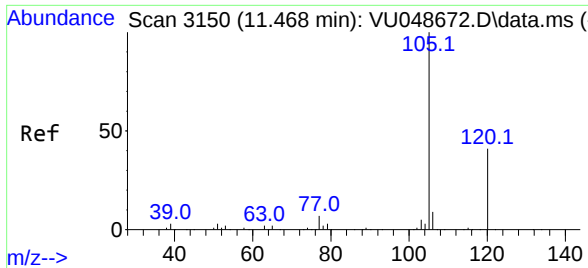
Ion Ratio Lower Upper

152 100

115 60.0 41.8 125.4

150 155.1 0.0 341.0





#84
1,2,4-Trimethylbenzene
Concen: 1.689 ug/l
RT: 11.472 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU048693.D
Acq: 27 May 2022 15:04

Instrument :
MSVOA_U
ClientSampleId :
MW-15

Tgt Ion:105 Resp: 6365

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.5	67.5

