

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048970.D
 Acq On : 08 Jun 2022 18:16
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jun 09 09:57:57 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	398511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	685935	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	719426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	418665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	275949	46.108	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.220%
35) Dibromofluoromethane	5.289	113	228713	46.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.480%
50) Toluene-d8	7.896	98	849159	48.408	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.820%
62) 4-Bromofluorobenzene	10.632	95	376366	56.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.460%

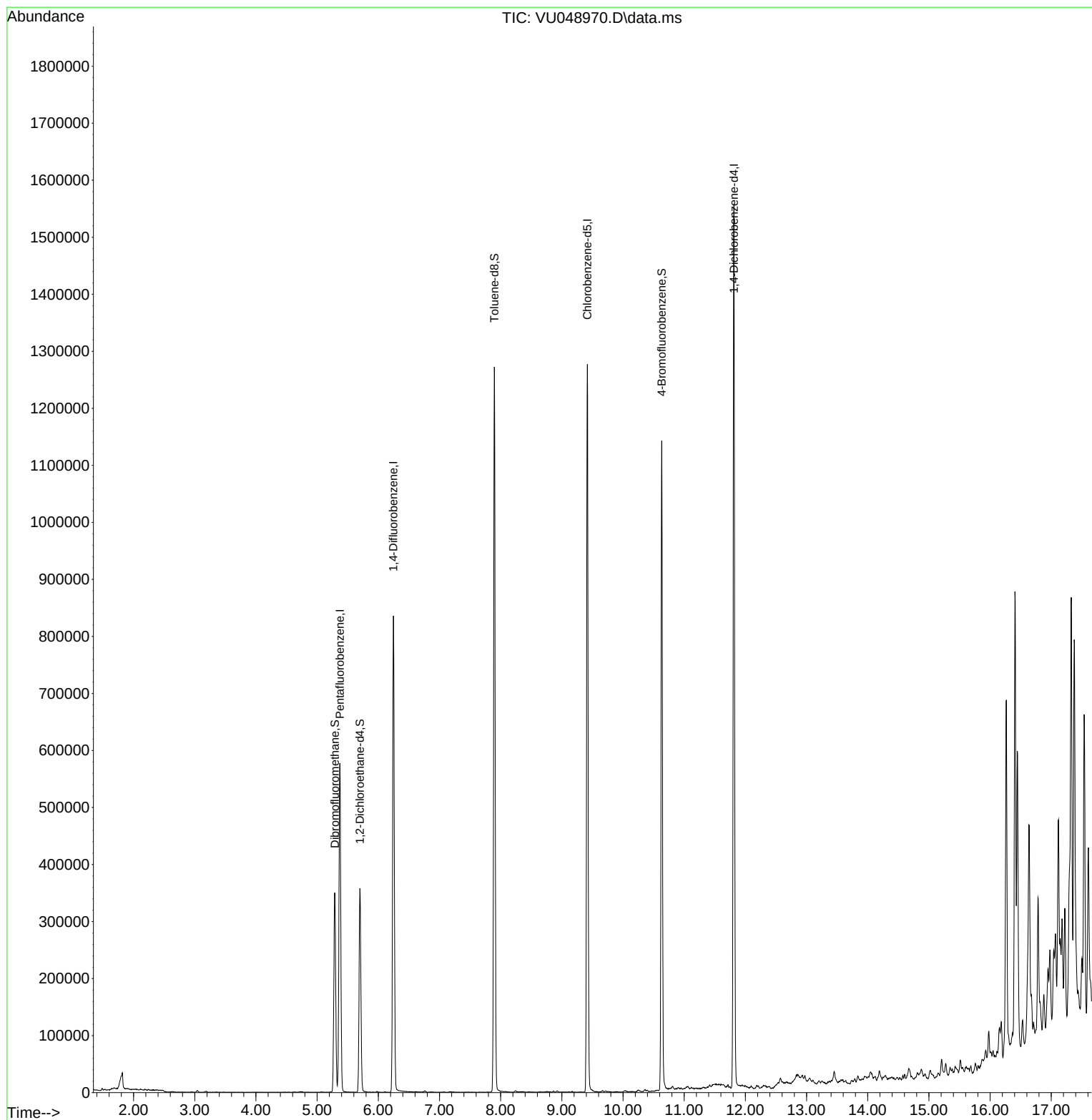
Target Compounds	Qvalue

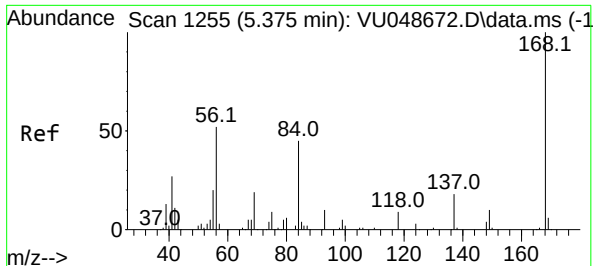
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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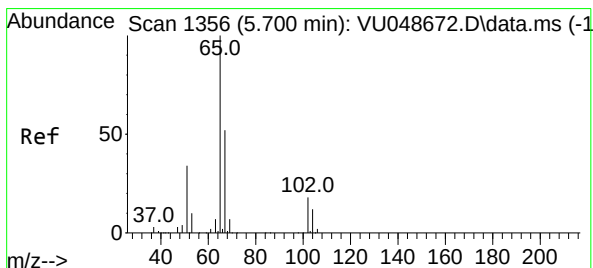
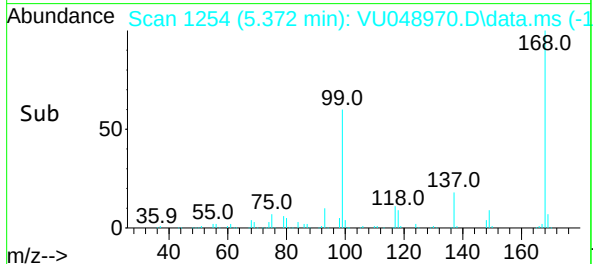
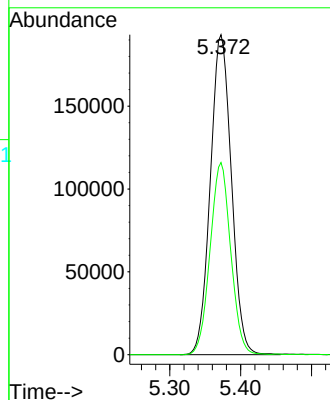
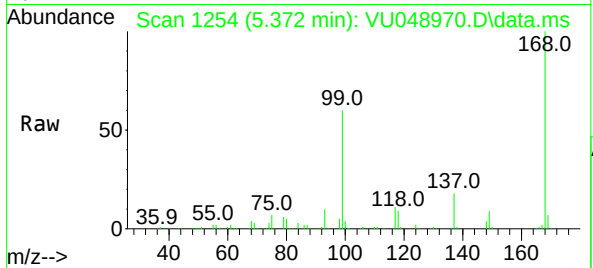




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

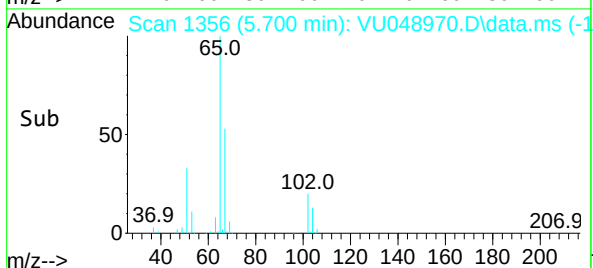
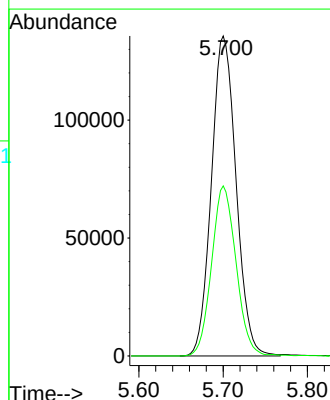
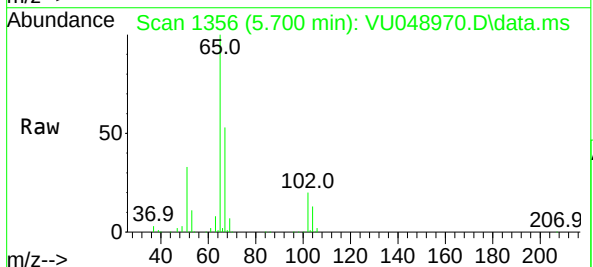
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

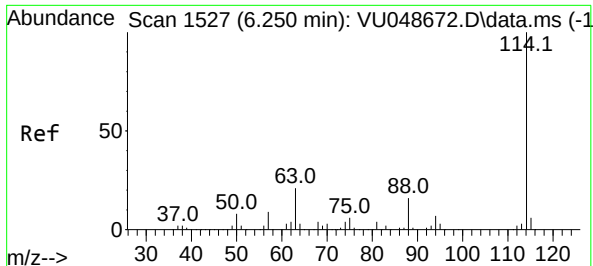
Tgt Ion:168 Resp: 398511
Ion Ratio Lower Upper
168 100
99 60.0 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 46.108 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 65 Resp: 275949
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

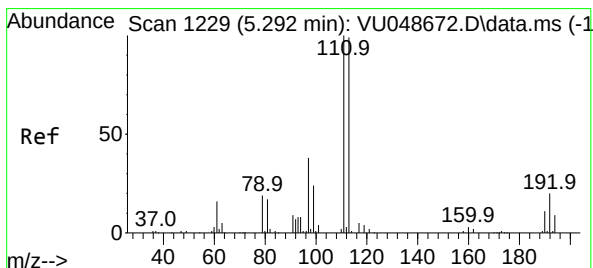
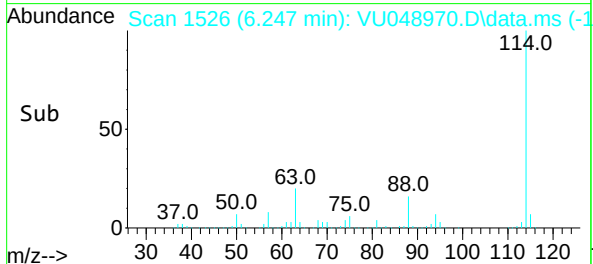
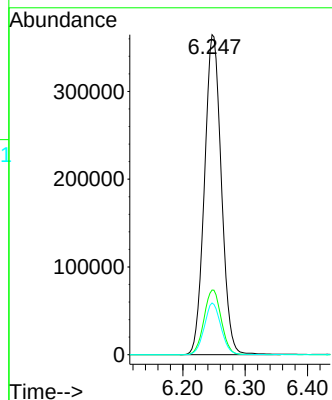
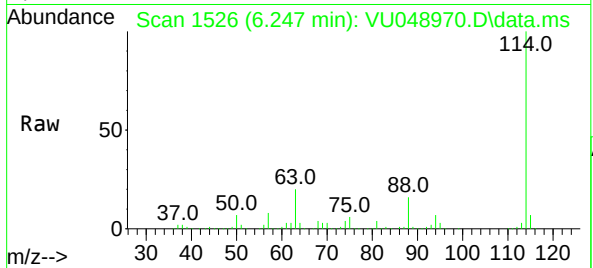




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

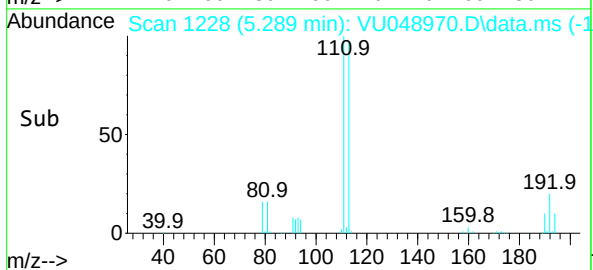
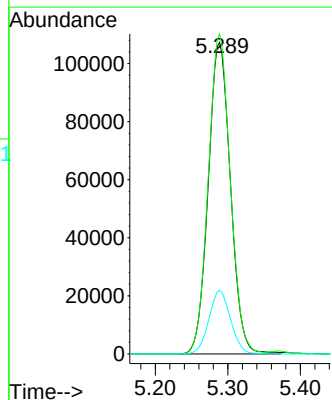
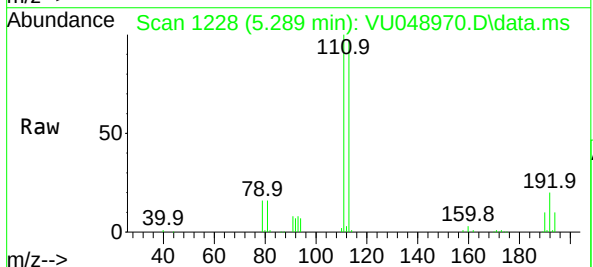
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

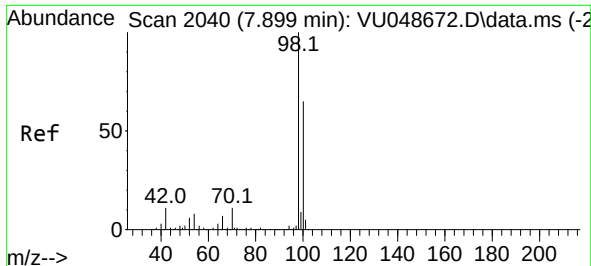
Tgt Ion:114 Resp: 685935
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 16.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.737 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion:113 Resp: 228713
Ion Ratio Lower Upper
113 100
111 101.6 80.7 121.1
192 19.9 15.9 23.9

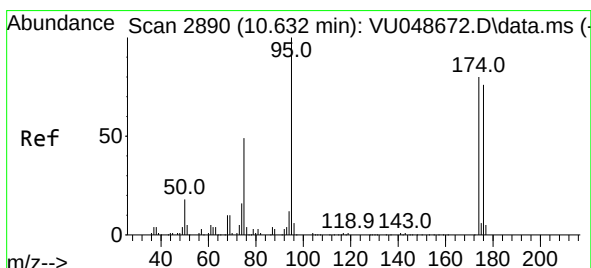
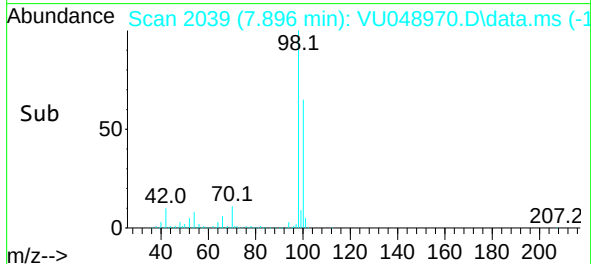
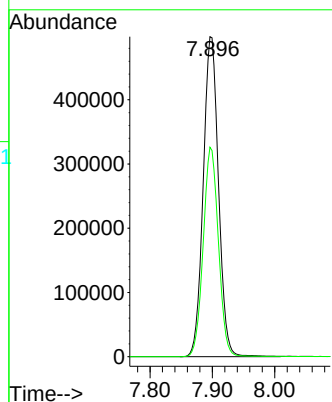
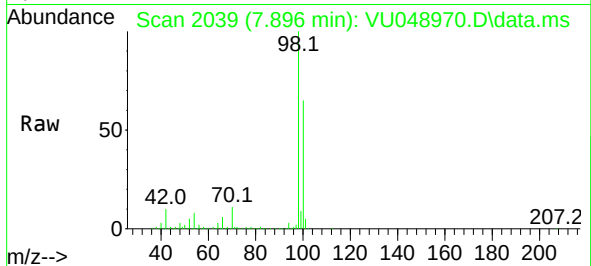




#50
Toluene-d8
Concen: 48.408 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

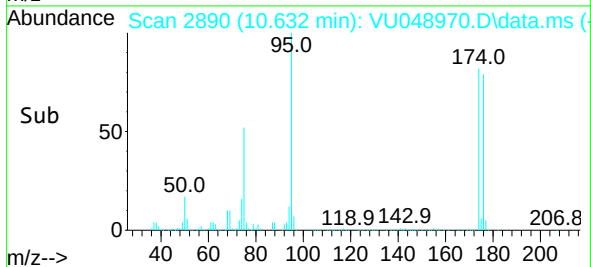
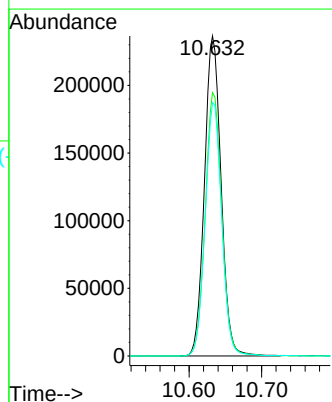
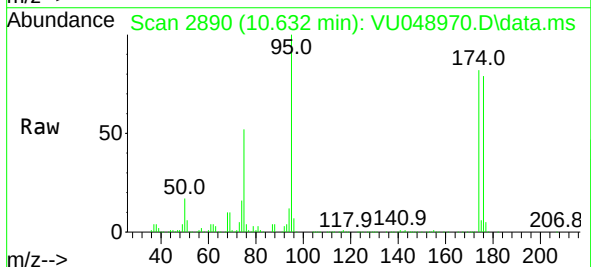
Instrument :
MSVOA_U
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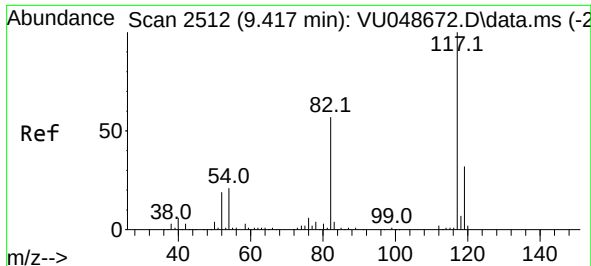
Tgt Ion: 98 Resp: 849159
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 56.731 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 95 Resp: 376366
Ion Ratio Lower Upper
95 100
174 82.1 0.0 159.4
176 78.7 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: VU048970.D

Acq: 08 Jun 2022 18:16

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

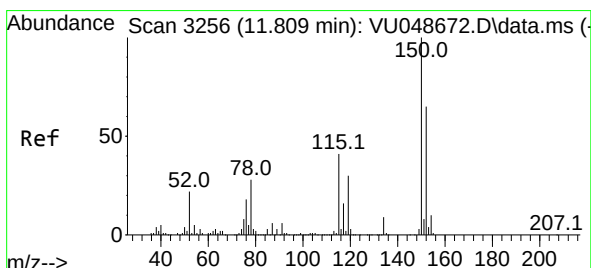
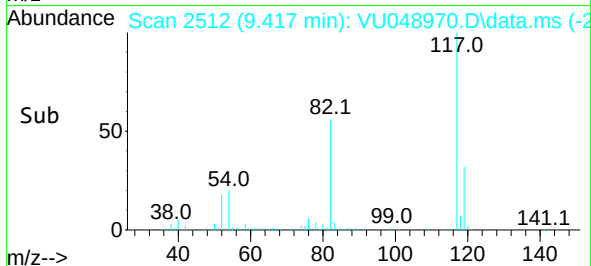
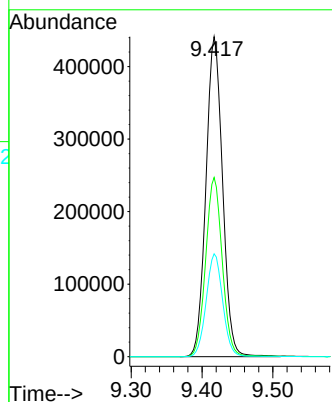
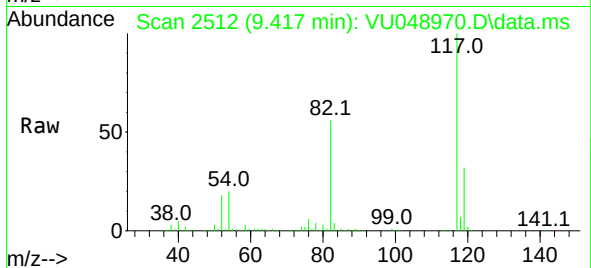
Tgt Ion:117 Resp: 719426

Ion Ratio Lower Upper

117 100

82 56.0 45.3 67.9

119 32.2 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: VU048970.D

Acq: 08 Jun 2022 18:16

Tgt Ion:152 Resp: 418665

Ion Ratio Lower Upper

152 100

115 58.9 41.8 125.4

150 156.2 0.0 341.0

