

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048943.D
 Acq On : 08 Jun 2022 04:58
 Operator : SY/MD
 Sample : N3166-20 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP08-20220601

Quant Time: Jun 08 09:17:28 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	241752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	401062	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	374774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	165151	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	185240	51.021	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.040%
35) Dibromofluoromethane	5.288	113	139770	48.849	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	7.896	98	473700	46.185	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.360%
62) 4-Bromofluorobenzene	10.632	95	176901	45.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.220%

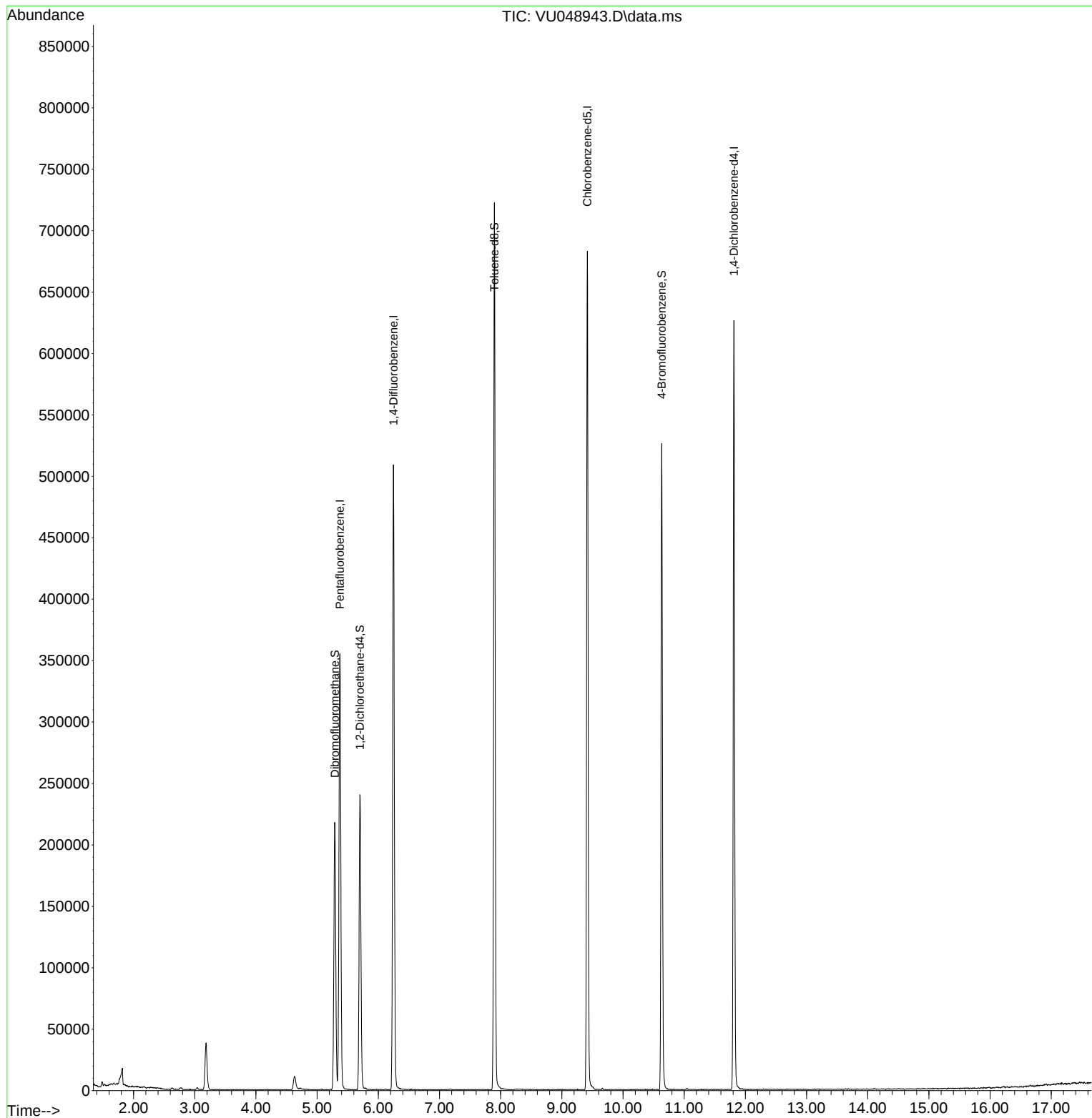
Target Compounds	Qvalue

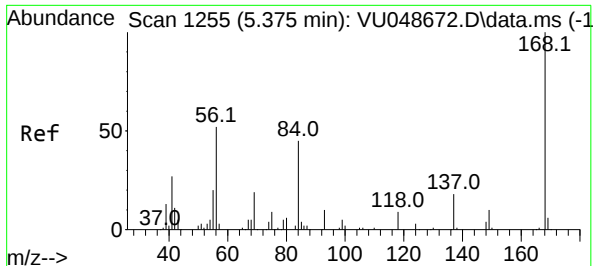
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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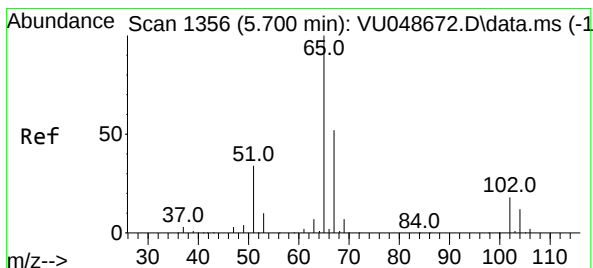
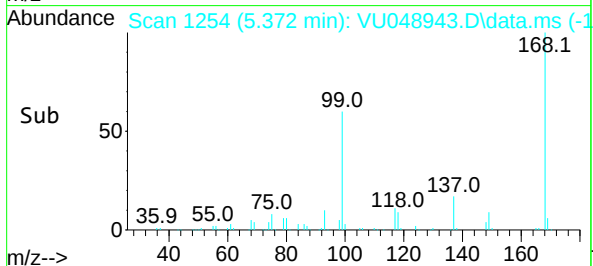
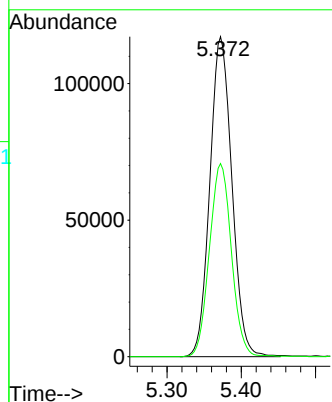
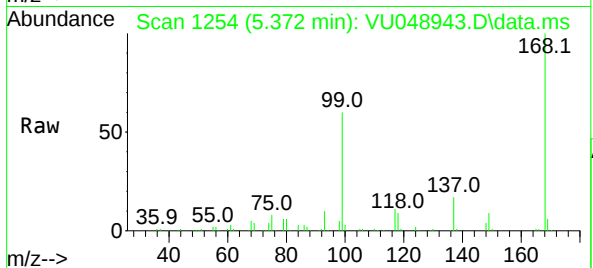




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

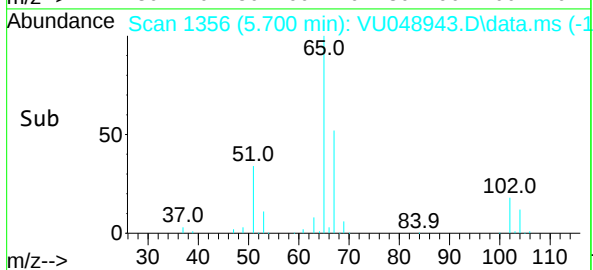
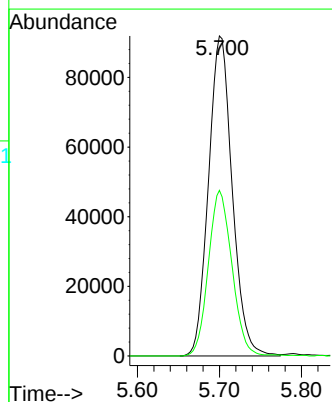
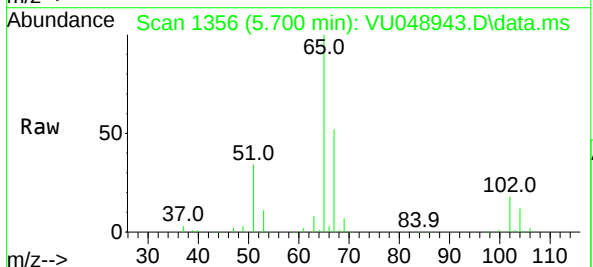
Instrument :
MSVOA_U
ClientSampleId :
DUP08-20220601

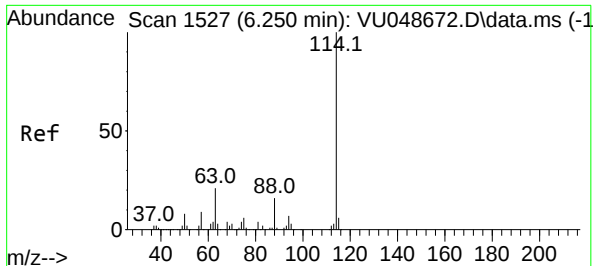
Tgt Ion:168 Resp: 241752
Ion Ratio Lower Upper
168 100
99 60.3 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 51.021 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.000 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

Tgt Ion: 65 Resp: 185240
Ion Ratio Lower Upper
65 100
67 51.4 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: VU048943.D

Acq: 08 Jun 2022 04:58

Instrument :

MSVOA_U

ClientSampleId :

DUP08-20220601

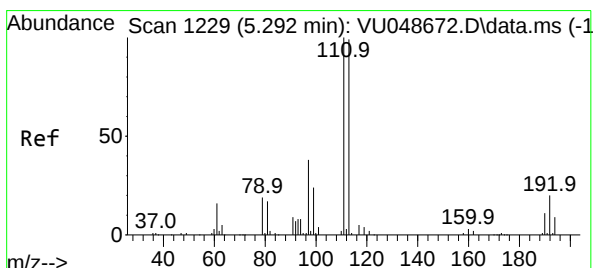
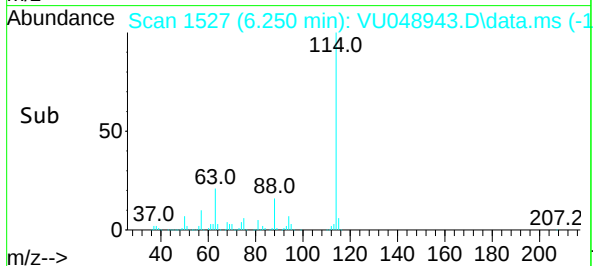
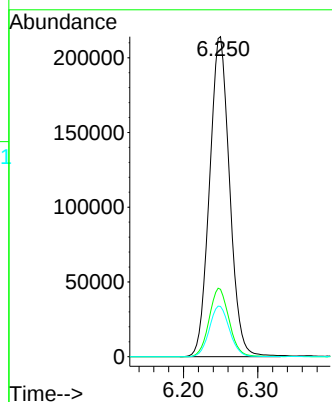
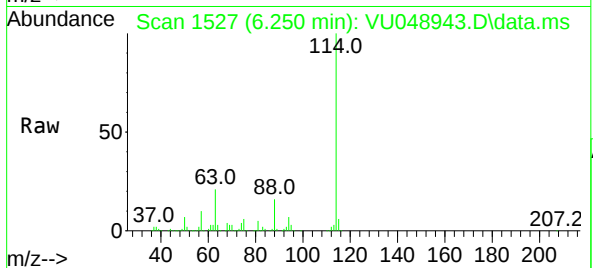
Tgt Ion:114 Resp: 401062

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.849 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048943.D

Acq: 08 Jun 2022 04:58

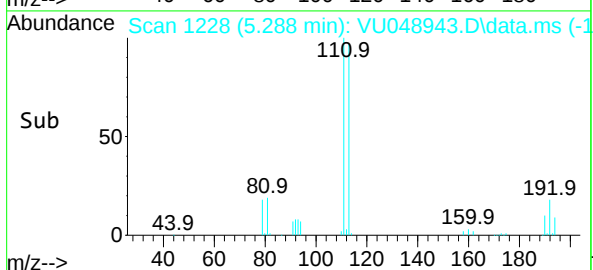
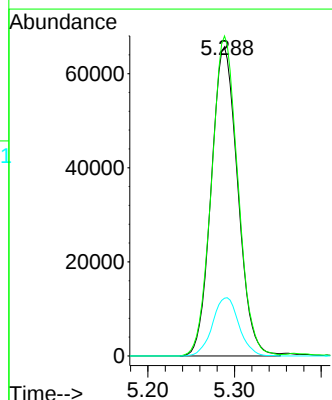
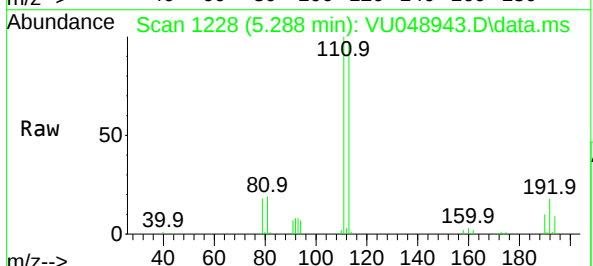
Tgt Ion:113 Resp: 139770

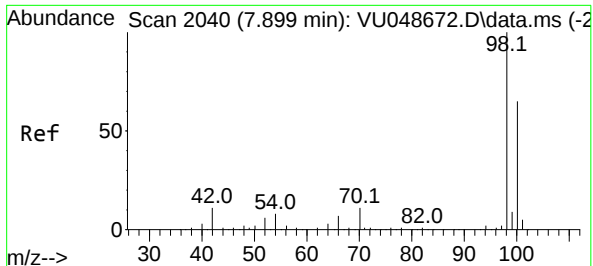
Ion Ratio Lower Upper

113 100

111 103.1 80.7 121.1

192 18.8 15.9 23.9

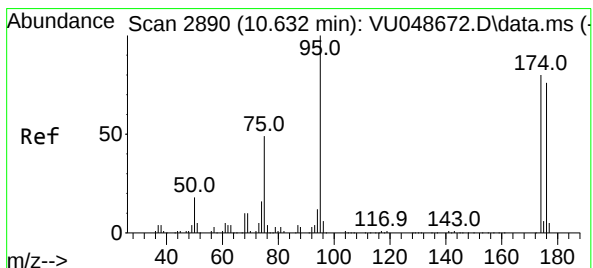
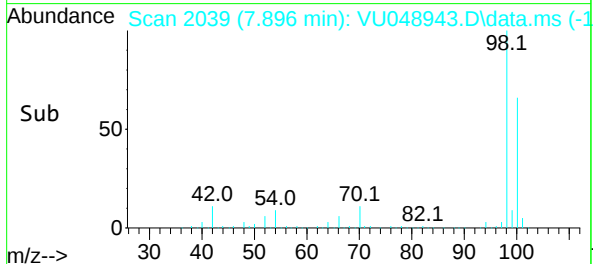
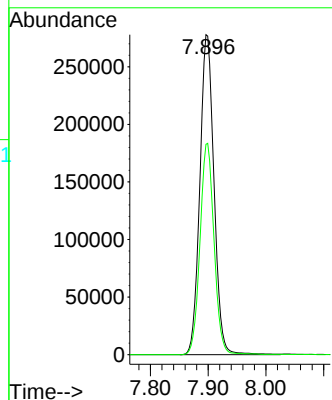
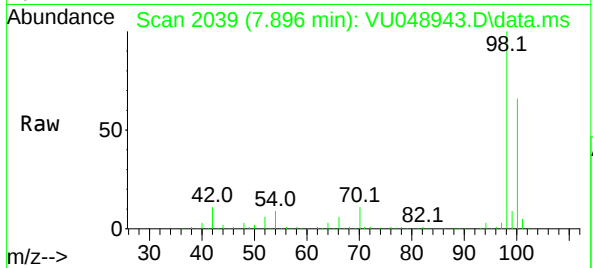




#50
Toluene-d8
Concen: 46.185 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

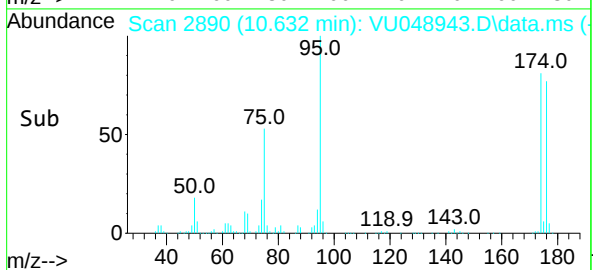
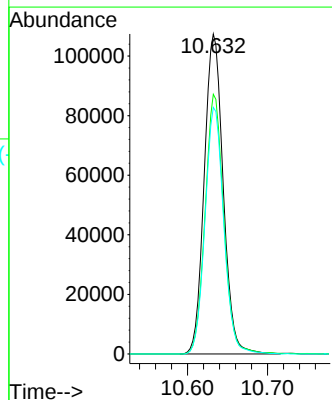
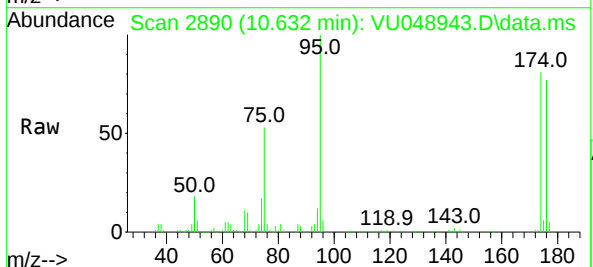
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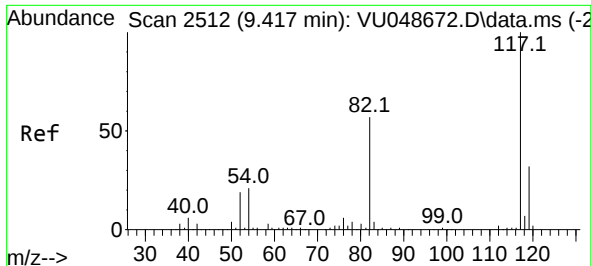
Tgt Ion: 98 Resp: 473700
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.605 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

Tgt Ion: 95 Resp: 176901
Ion Ratio Lower Upper
95 100
174 80.2 0.0 159.4
176 76.3 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: VU048943.D

Acq: 08 Jun 2022 04:58

Instrument :

MSVOA_U

ClientSampleId :

DUP08-20220601

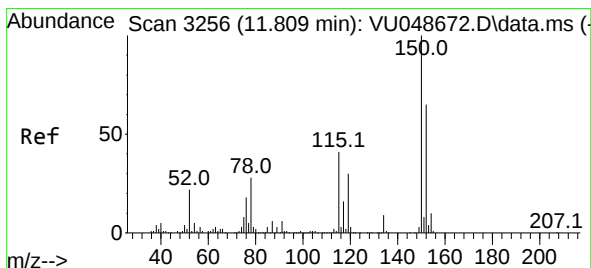
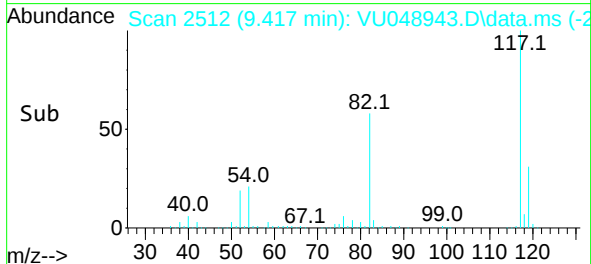
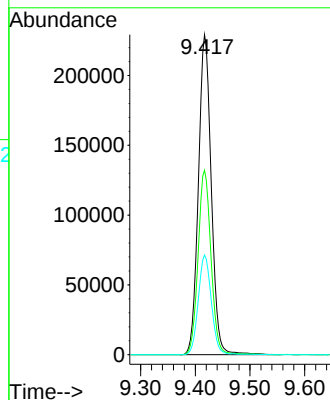
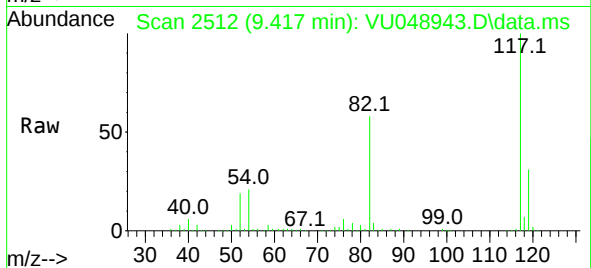
Tgt Ion:117 Resp: 374774

Ion Ratio Lower Upper

117 100

82 57.6 45.3 67.9

119 31.1 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: VU048943.D

Acq: 08 Jun 2022 04:58

Tgt Ion:152 Resp: 165151

Ion Ratio Lower Upper

152 100

115 60.3 41.8 125.4

150 157.9 0.0 341.0

