

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048715.D
 Acq On : 28 May 2022 00:51
 Operator : SY/MD
 Sample : N3033-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-8

Quant Time: May 30 02:58:13 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)

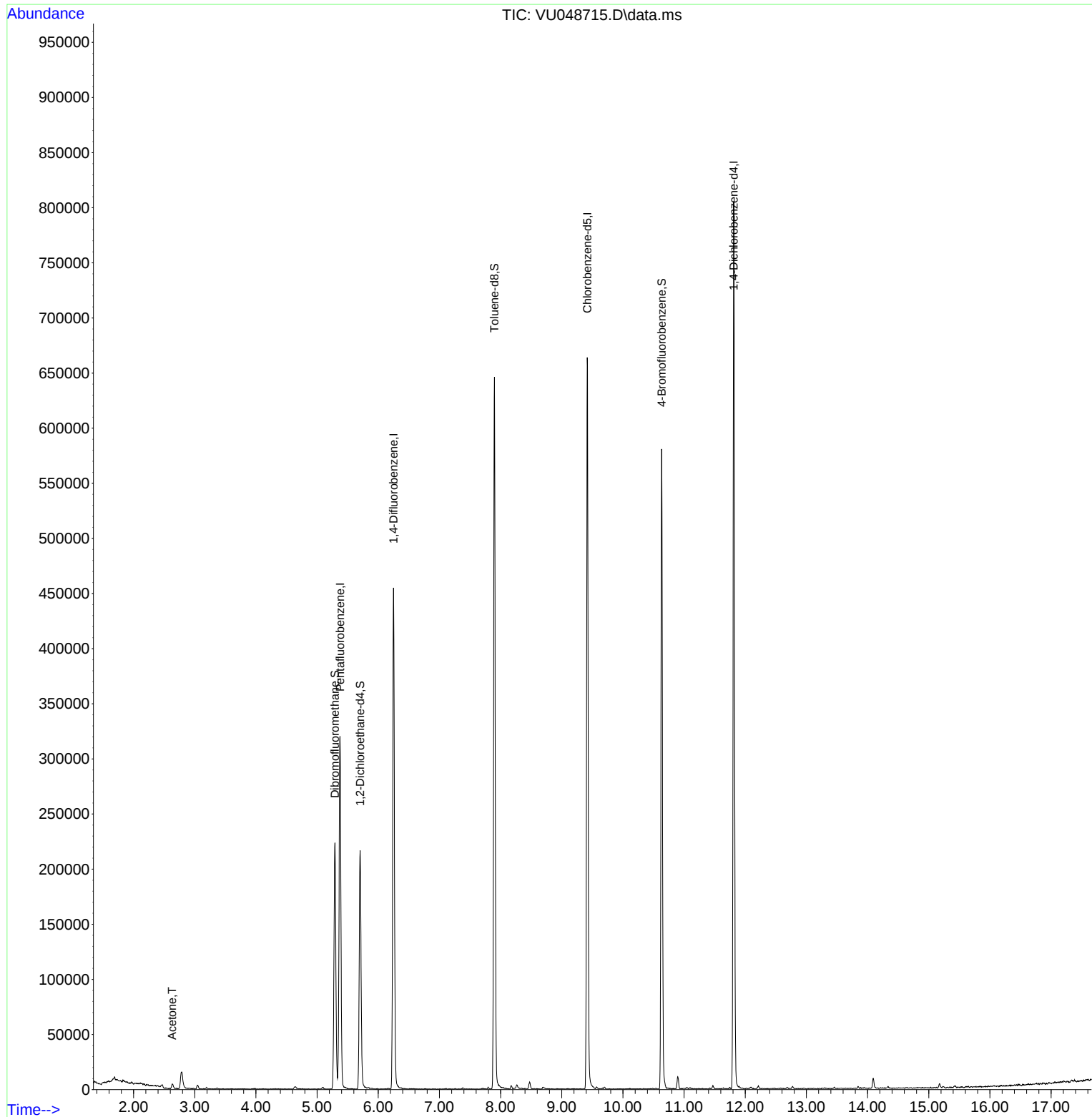
Internal Standards						
1) Pentafluorobenzene	5.375	168	215814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	375818	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	376283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	217982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	168355	51.944	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.880%	
35) Dibromofluoromethane	5.292	113	146335	54.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.160%	
50) Toluene-d8	7.899	98	433211	45.074	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.140%#	
62) 4-Bromofluorobenzene	10.635	95	197573	54.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.720%	
Target Compounds						
16) Acetone	2.629	43	6015	3.642	ug/l	Qvalue 92

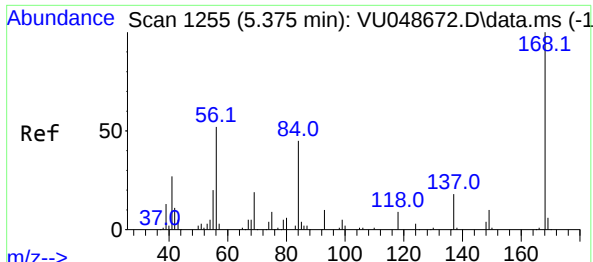
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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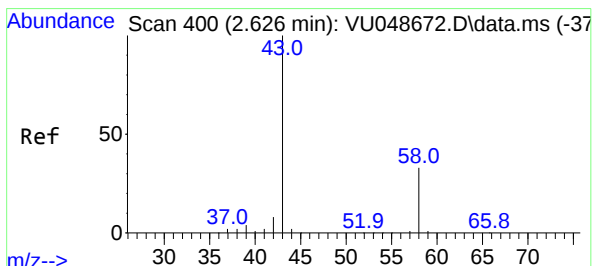
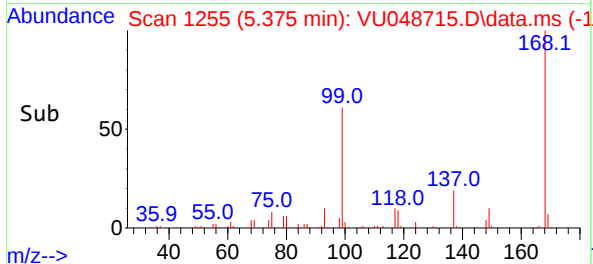
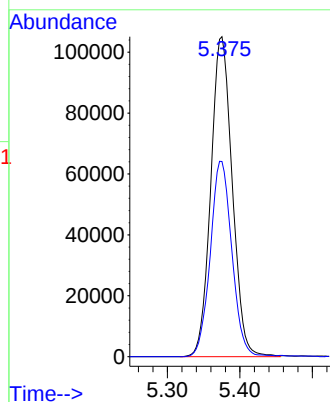
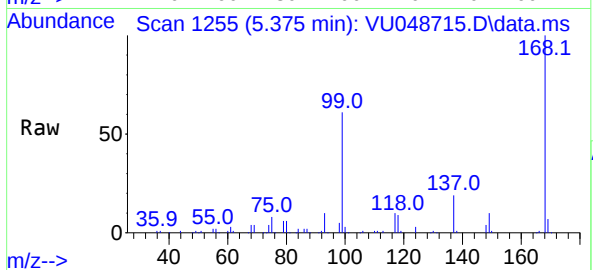




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048715.D
Acq: 28 May 2022 00:51

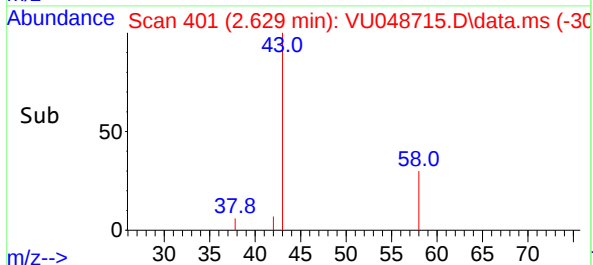
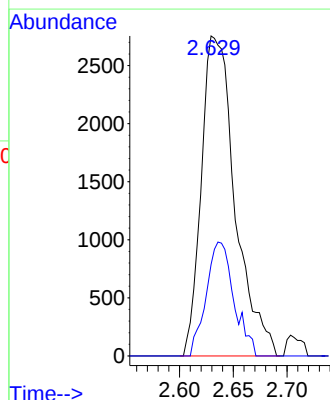
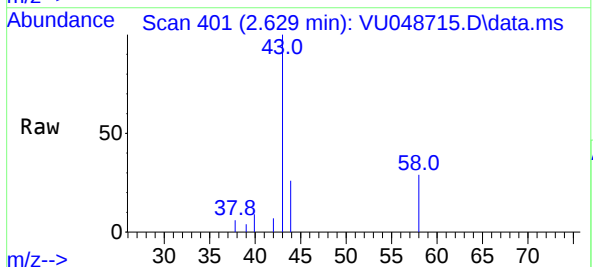
Instrument :
MSVOA_U
ClientSampleId :
TW-8

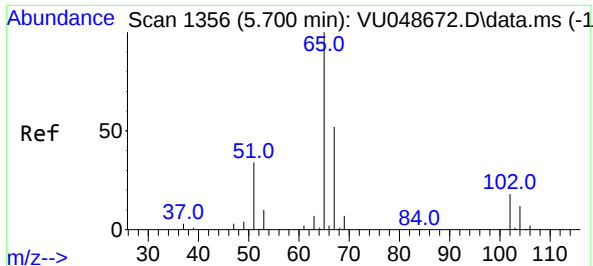
Tgt Ion:168 Resp: 215814
Ion Ratio Lower Upper
168 100
99 61.0 49.3 73.9



#16
Acetone
Concen: 3.642 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU048715.D
Acq: 28 May 2022 00:51

Tgt Ion: 43 Resp: 6015
Ion Ratio Lower Upper
43 100
58 28.6 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 51.944 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048715.D

Acq: 28 May 2022 00:51

Instrument :

MSVOA_U

ClientSampleId :

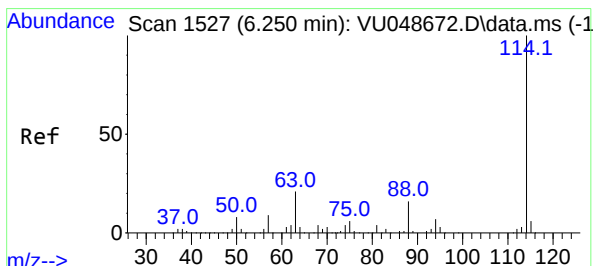
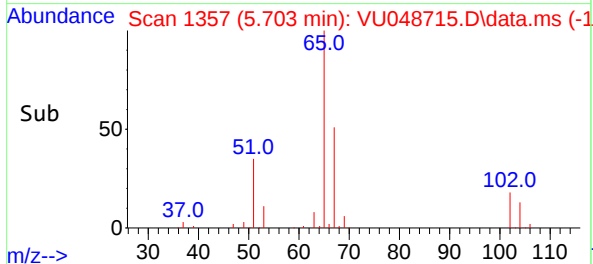
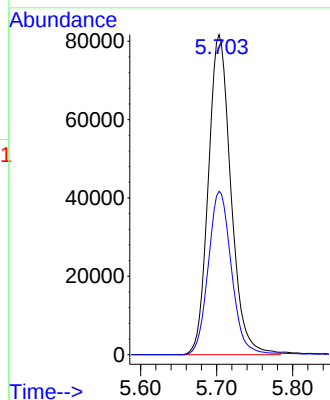
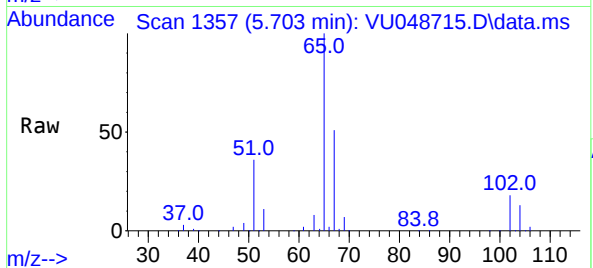
TW-8

Tgt Ion: 65 Resp: 168355

Ion Ratio Lower Upper

65 100

67 52.7 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: VU048715.D

Acq: 28 May 2022 00:51

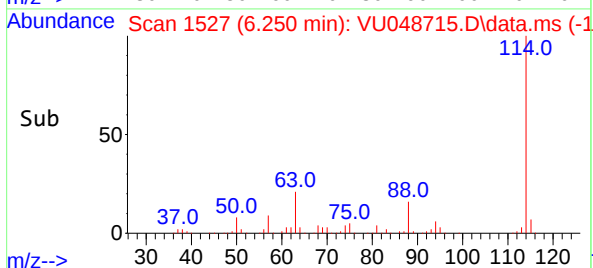
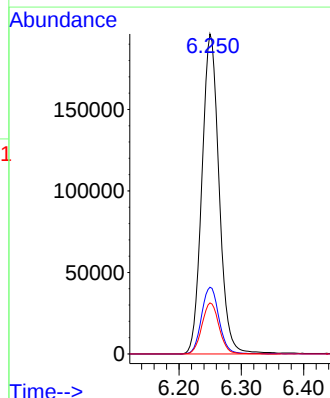
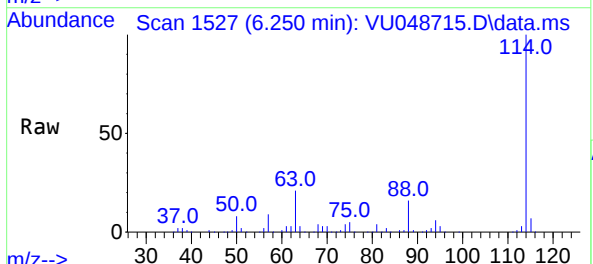
Tgt Ion: 114 Resp: 375818

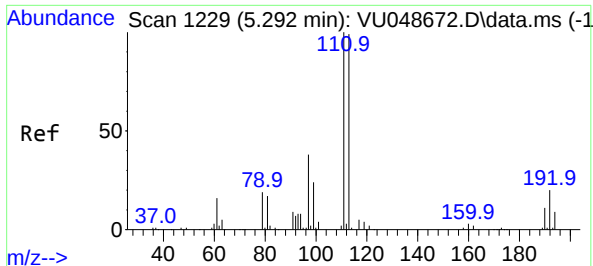
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.9 0.0 32.2

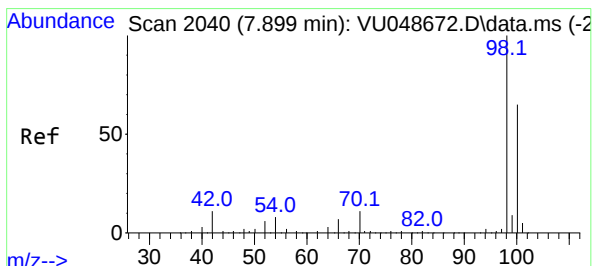
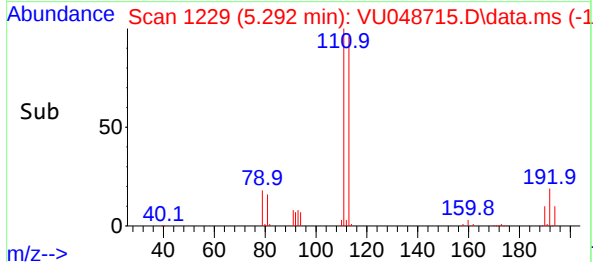
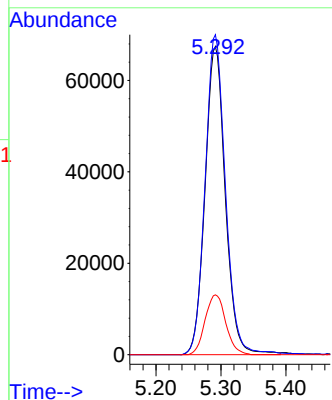
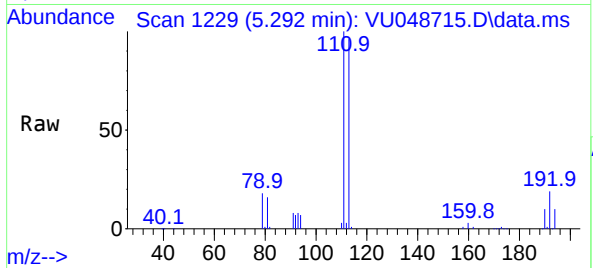




#35
Dibromofluoromethane
Concen: 54.579 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048715.D
Acq: 28 May 2022 00:51

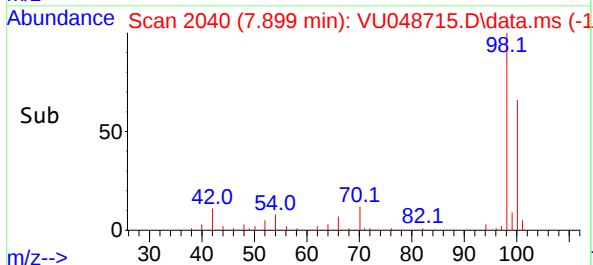
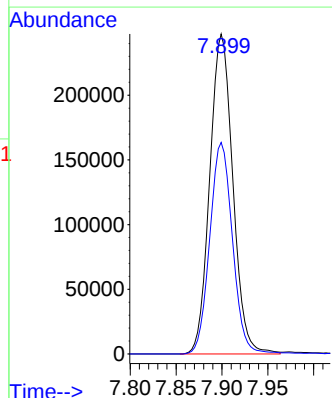
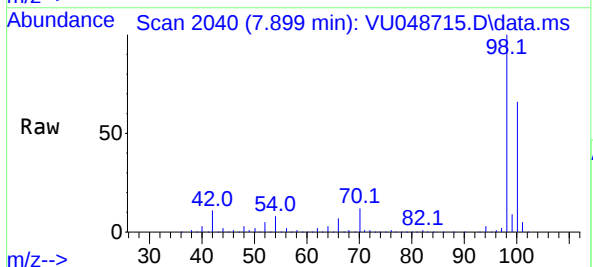
Instrument :
MSVOA_U
ClientSampleId :
TW-8

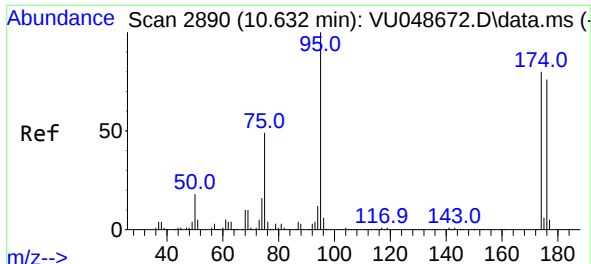
Tgt Ion:113 Resp: 146335
Ion Ratio Lower Upper
113 100
111 103.6 80.7 121.1
192 19.8 15.9 23.9



#50
Toluene-d8
Concen: 45.074 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048715.D
Acq: 28 May 2022 00:51

Tgt Ion: 98 Resp: 433211
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 54.356 ug/l

RT: 10.635 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048715.D

Acq: 28 May 2022 00:51

Instrument :

MSVOA_U

ClientSampleId :

TW-8

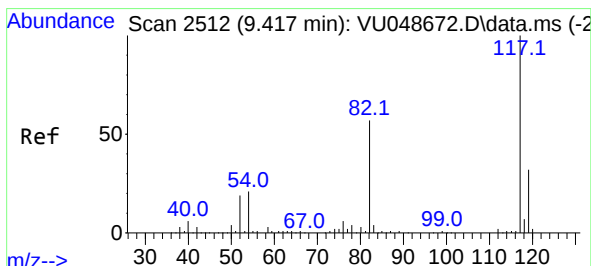
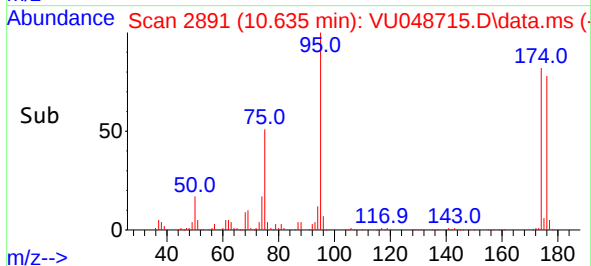
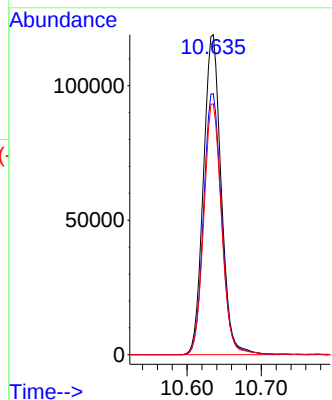
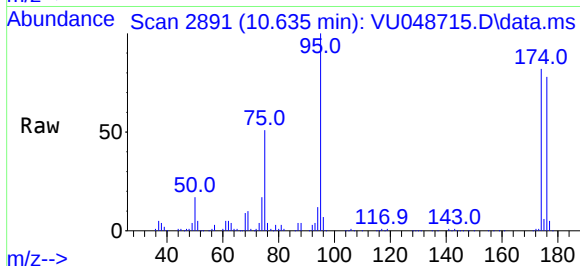
Tgt Ion: 95 Resp: 197573

Ion Ratio Lower Upper

95 100

174 82.6 0.0 159.4

176 78.4 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: VU048715.D

Acq: 28 May 2022 00:51

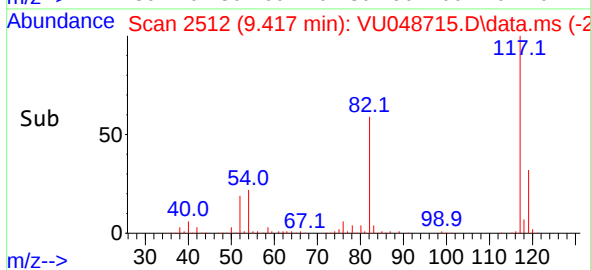
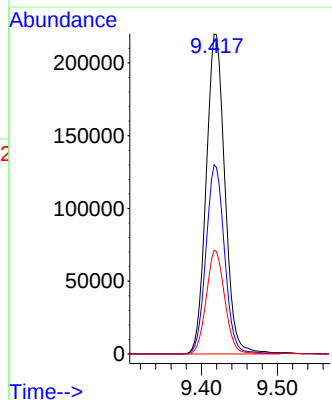
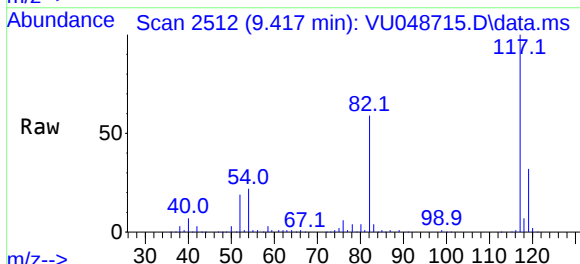
Tgt Ion: 117 Resp: 376283

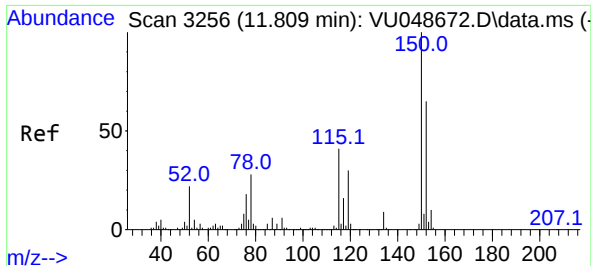
Ion Ratio Lower Upper

117 100

82 59.1 45.3 67.9

119 32.4 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: VU048715.D

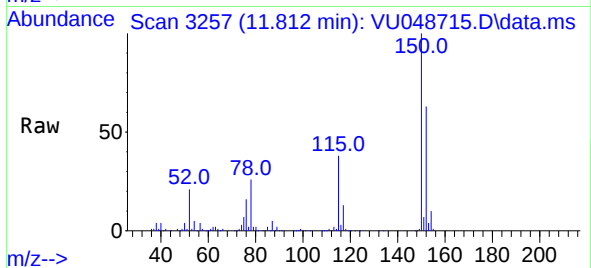
Acq: 28 May 2022 00:51

Instrument :

MSVOA_U

ClientSampleId :

TW-8



Tgt Ion:152 Resp: 217982

Ion Ratio Lower Upper

152 100

115 59.6 41.8 125.4

150 157.0 0.0 341.0

