

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024751.D
 Acq On : 20 Jun 2018 11:44
 Operator : MD/SY
 Sample : VU0620WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBL01

Quant Time: Jun 20 12:07:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312354	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	138724	42.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.16%	
35) Dibromofluoromethane	4.89	113	123326	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	7.57	98	453746	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	10.31	95	161482	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	

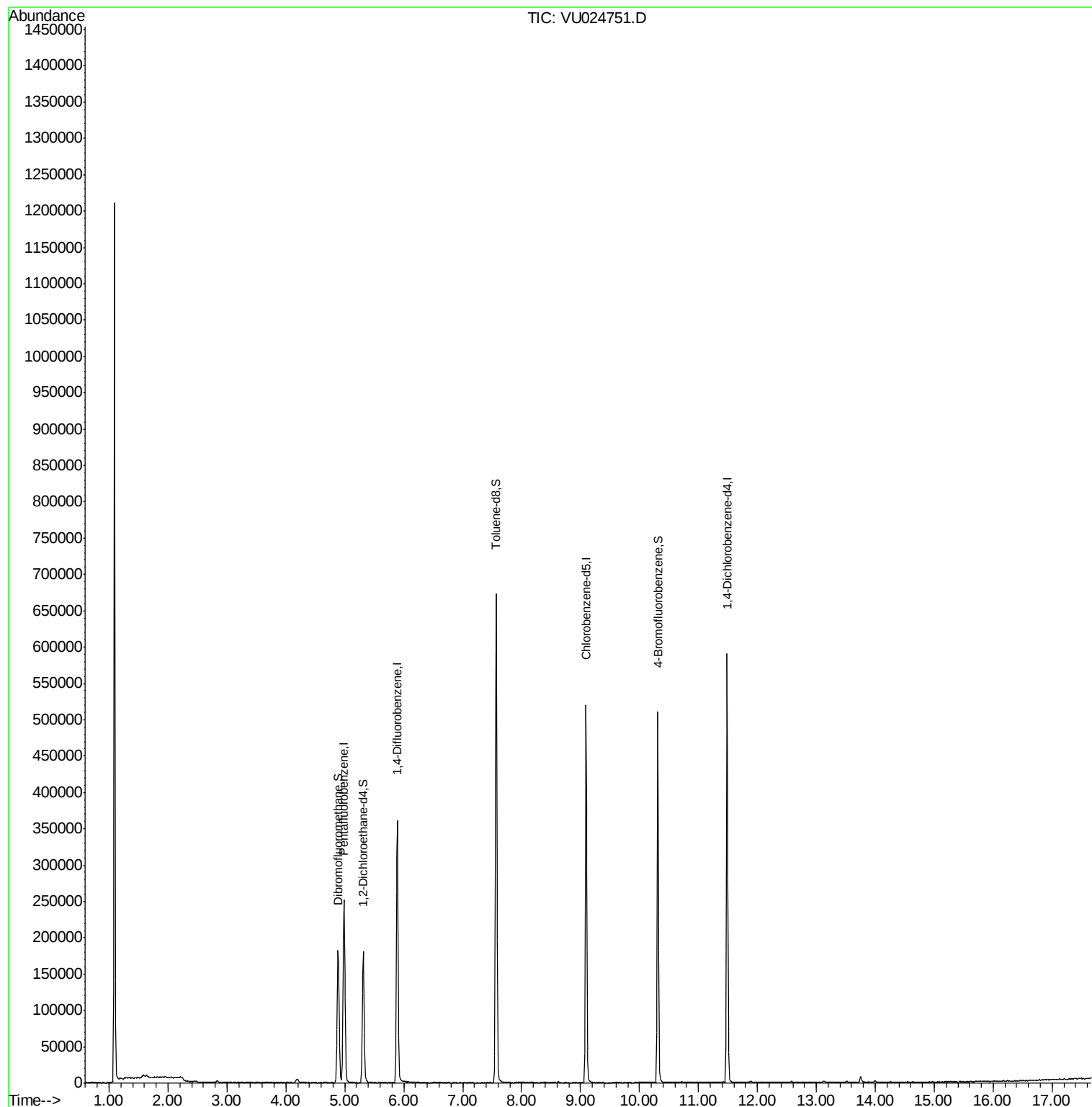
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024751.D

Acq: 20 Jun 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

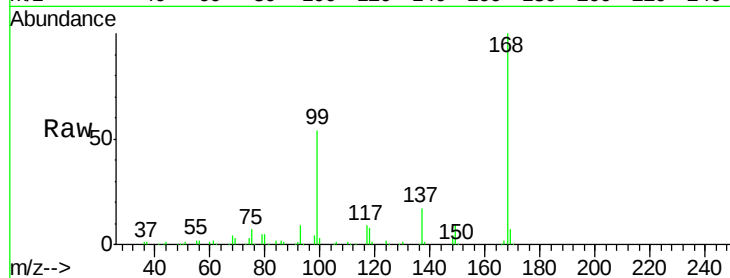
VU0620WBL01

Tot Ion:168 Resp: 199567

Ion Ratio Lower Upper

168 100

99 54.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024751.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024751.D (-1275) (-)

4.99

80000

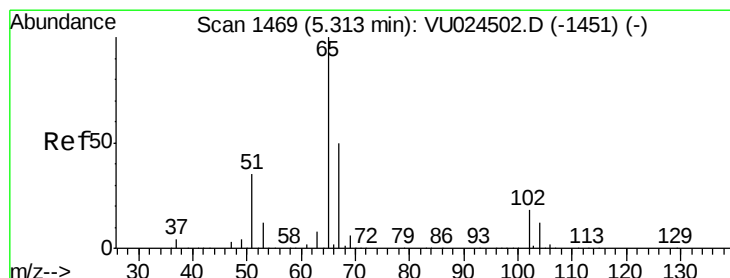
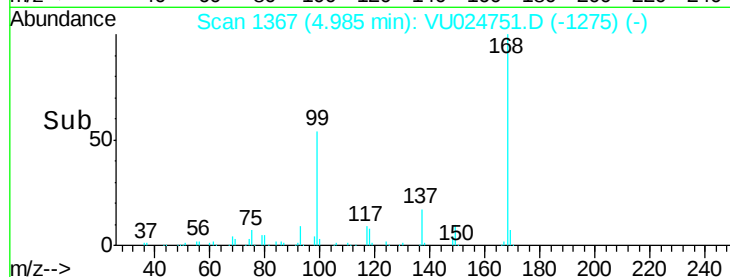
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.58 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024751.D

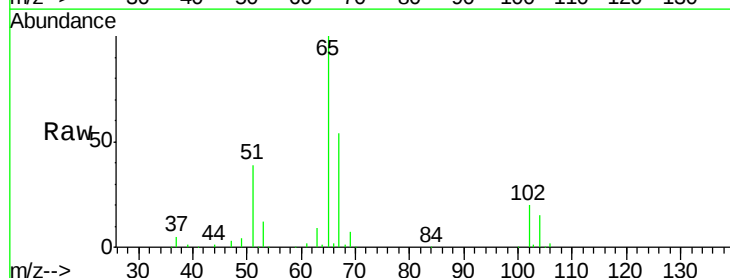
Acq: 20 Jun 2018 11:44

Tgt Ion: 65 Resp: 138724

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024751.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024751.D (-1376) (-)

5.31

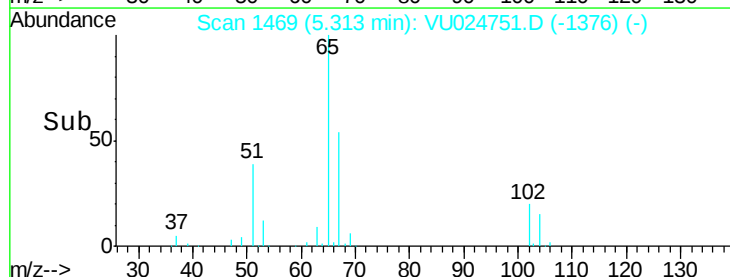
60000

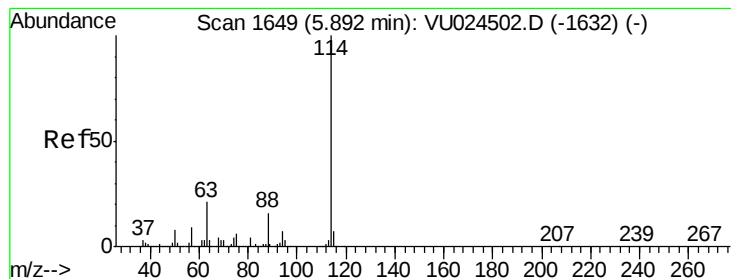
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024751.D

Acq: 20 Jun 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBL01

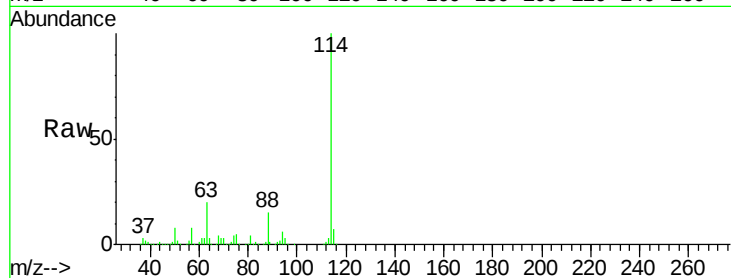
Tot Ion:114 Resp: 312354

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.4

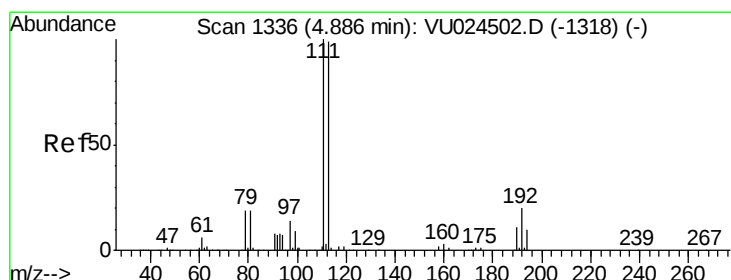
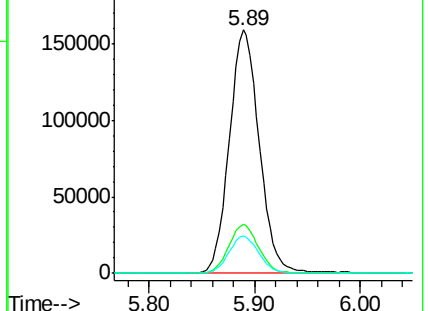
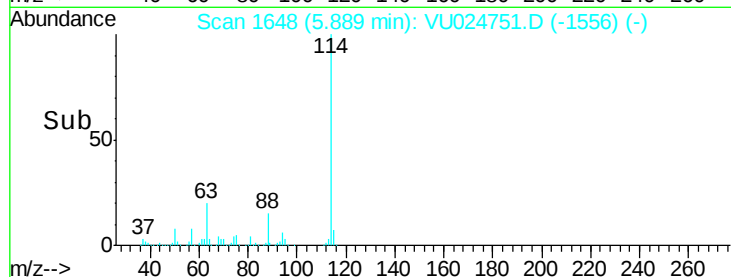
88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.57 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024751.D

Acq: 20 Jun 2018 11:44

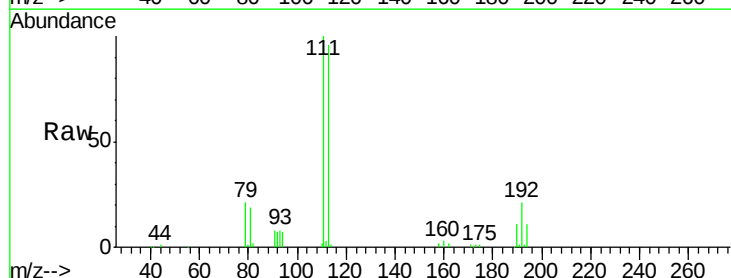
Tgt Ion:113 Resp: 123326

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

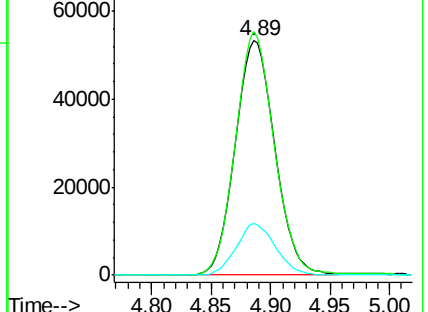
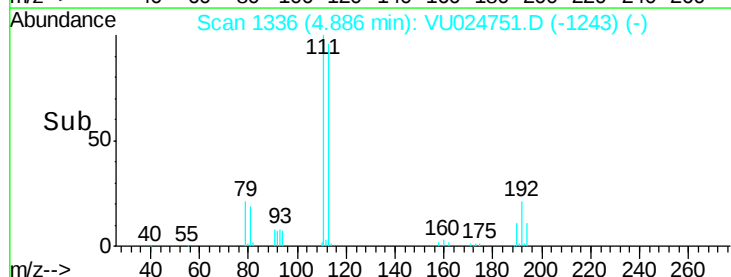
192 21.7 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.99 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024751.D

Acq: 20 Jun 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

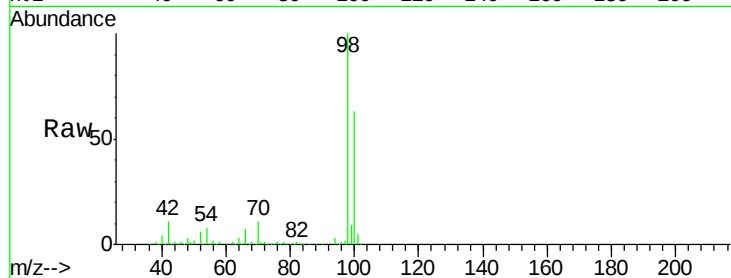
VU0620WBL01

Tot Ion: 98 Resp: 453746

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

250000

200000

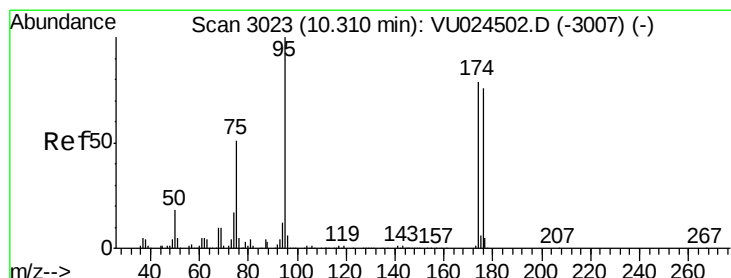
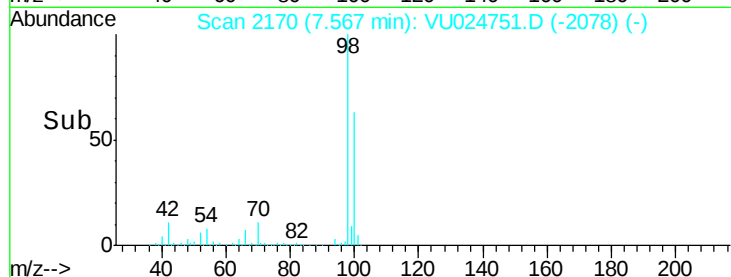
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.01 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024751.D

Acq: 20 Jun 2018 11:44

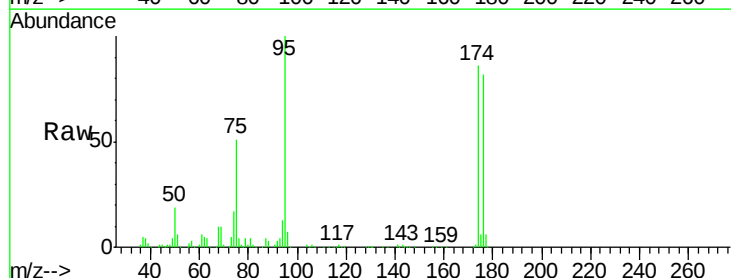
Tgt Ion: 95 Resp: 161482

Ion Ratio Lower Upper

95 100

174 86.7 0.0 165.8

176 83.7 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

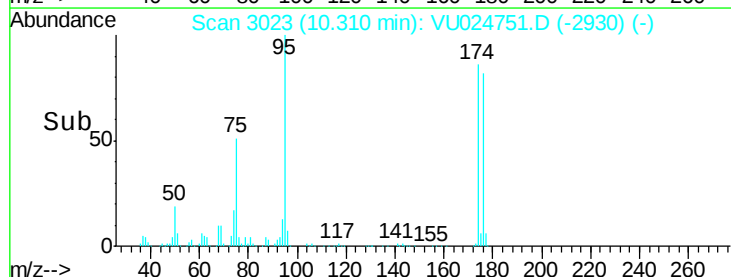
10.31

100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024751.D

Acq: 20 Jun 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBL01

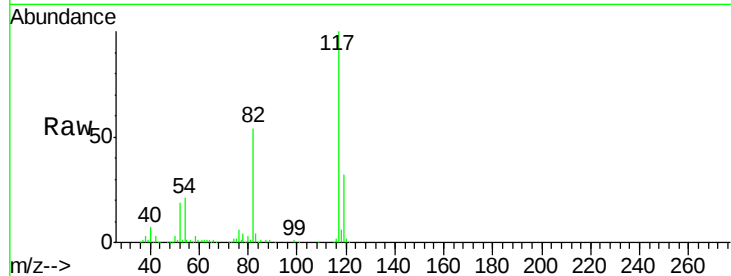
Tot Ion:117 Resp: 288131

Ion Ratio Lower Upper

117 100

82 54.1 44.3 66.5

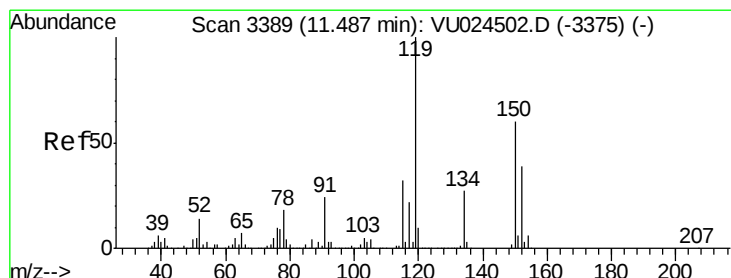
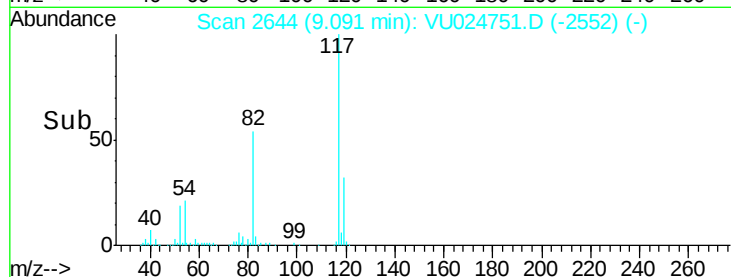
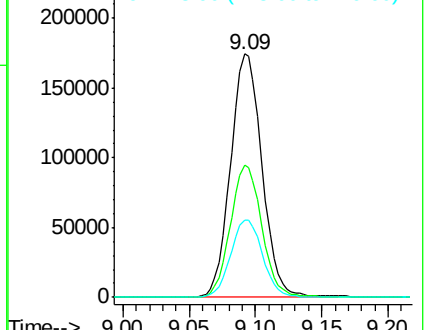
119 31.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024751.D

Acq: 20 Jun 2018 11:44

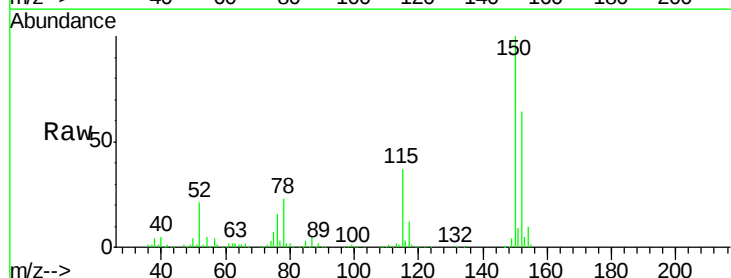
Tgt Ion:152 Resp: 154495

Ion Ratio Lower Upper

152 100

115 56.1 43.0 129.0

150 155.3 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

