

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025316.D
 Acq On : 11 Jul 2018 15:51
 Operator : MD/SY
 Sample : J3922-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPTB04-180709

Quant Time: Jul 12 09:08:35 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	306554	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	143958	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152793	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	4.89	113	119765	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	7.57	98	437177	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	10.31	95	160025	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	

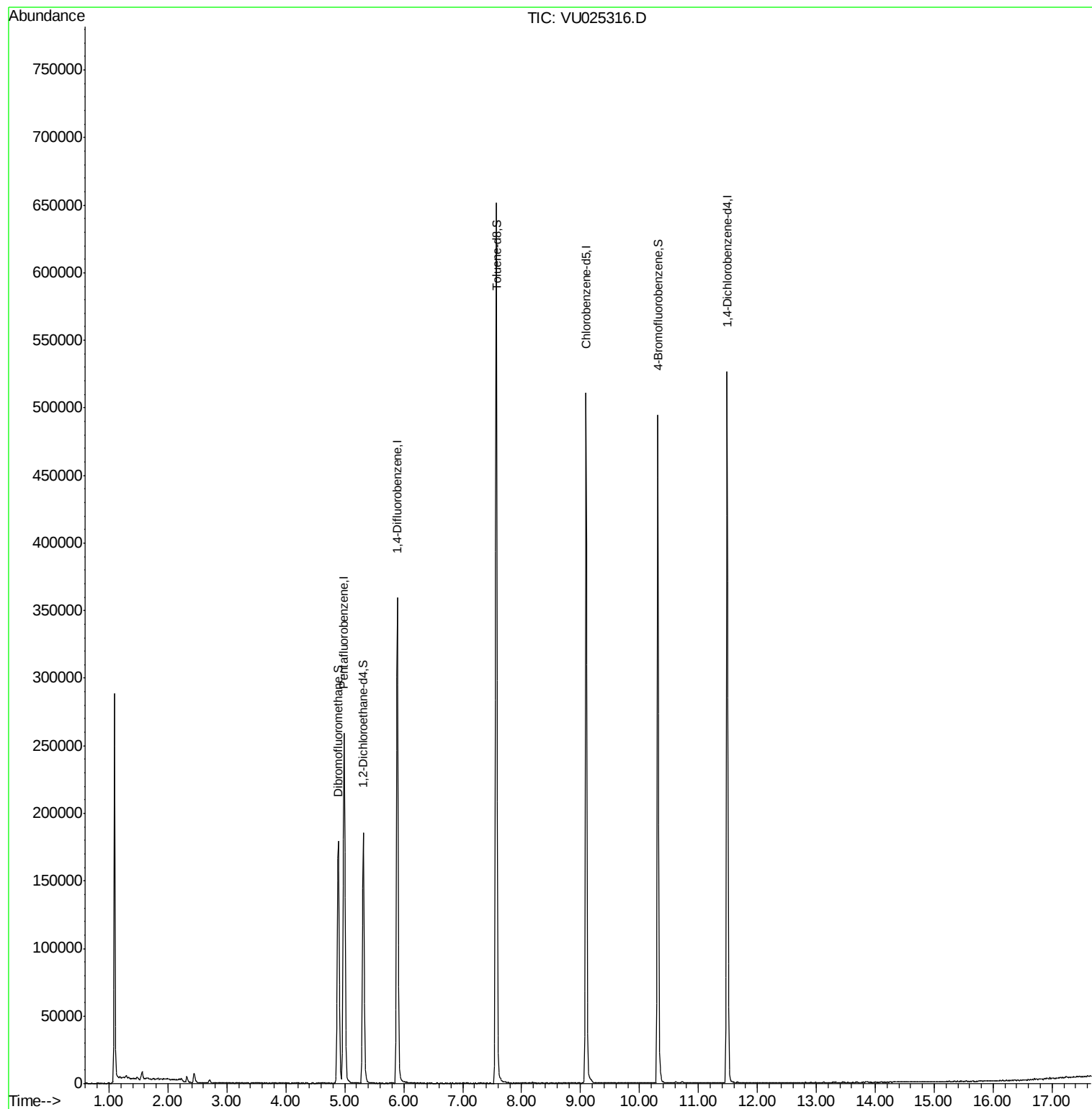
Target Compounds	Qvalue

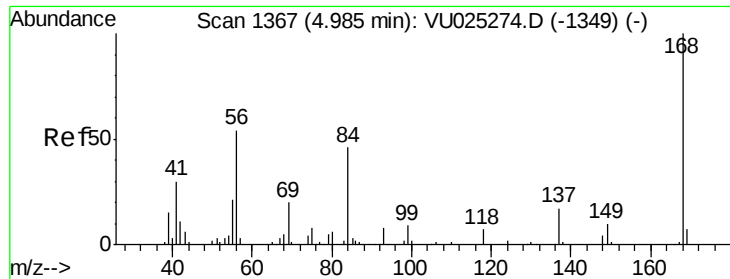
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025316.D

Acq: 11 Jul 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

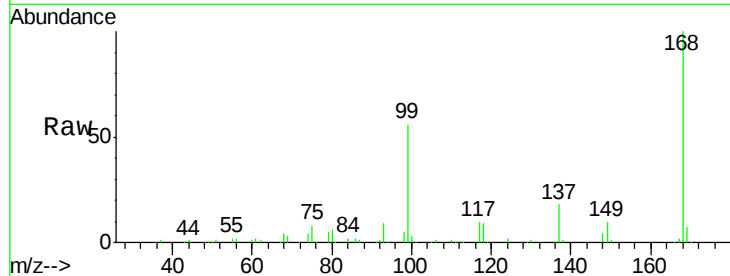
CPTB04-180709

Tot Ion:168 Resp: 200555

Ion Ratio Lower Upper

168 100

99 56.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

80000

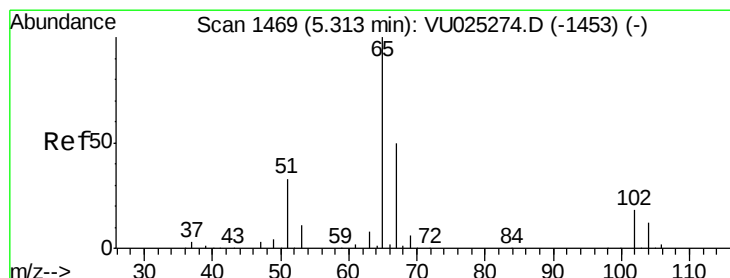
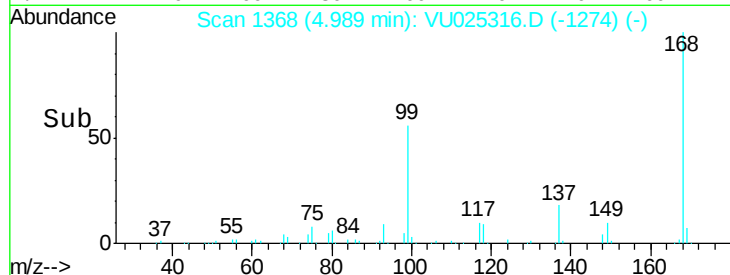
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.037 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025316.D

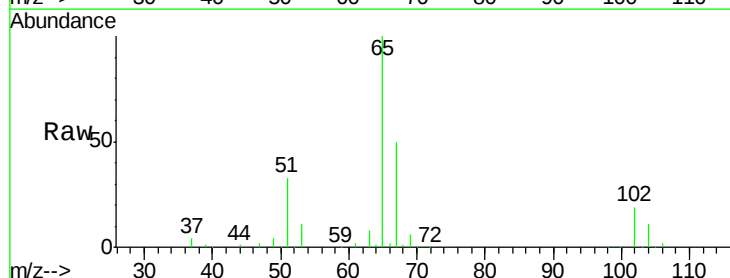
Acq: 11 Jul 2018 15:51

Tgt Ion: 65 Resp: 152793

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

Ion 66.90 (66.60 to 67.60): VU025274.D (-1453) (-)

5.31

80000

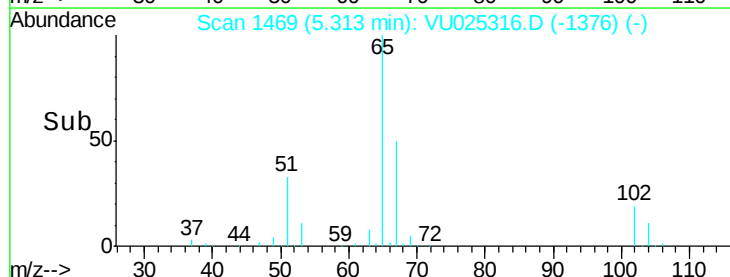
60000

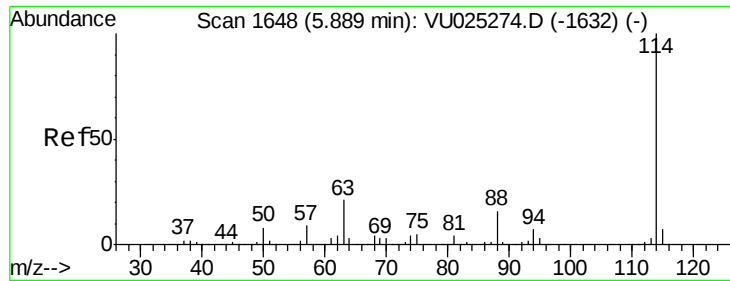
40000

20000

0

Time-->

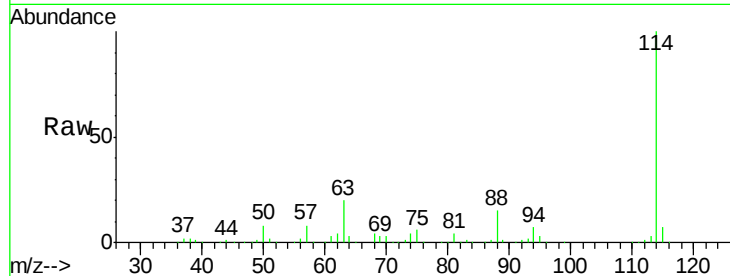




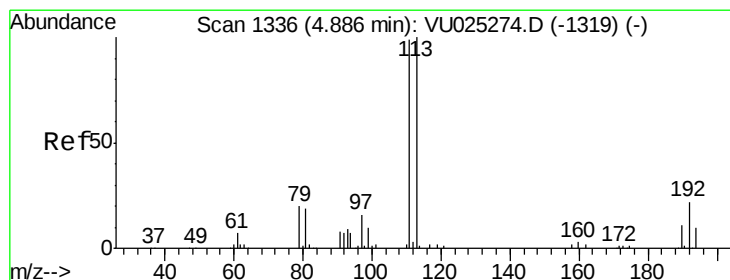
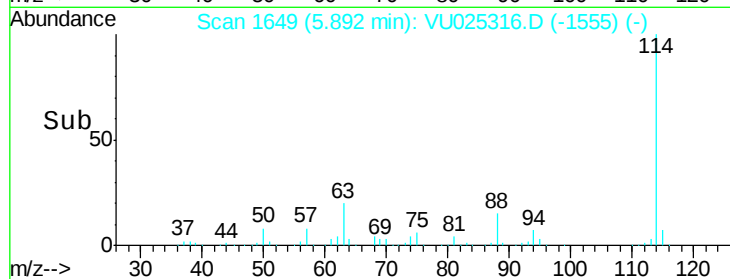
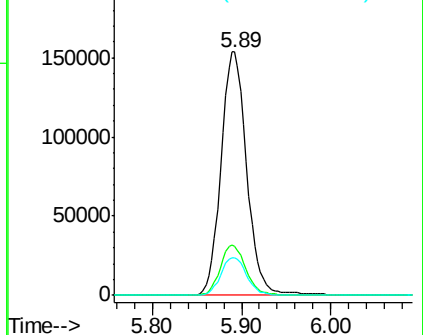
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025316.D
 Acq: 11 Jul 2018 15:51

Instrument :
 MSVOA_U
 ClientSampleId :
 CPTB04-180709

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	15.5	0.0	32.4

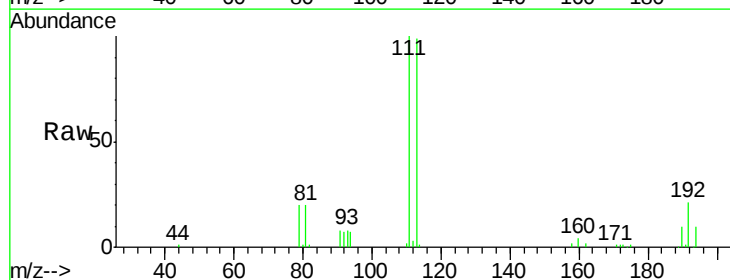


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

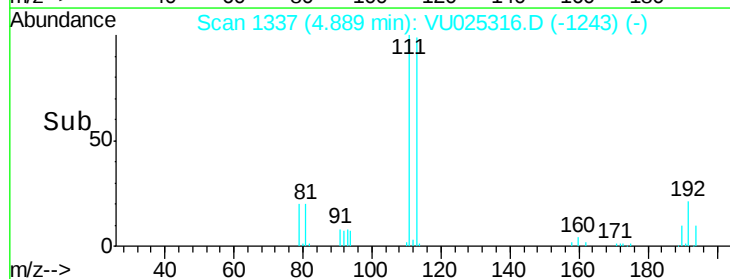
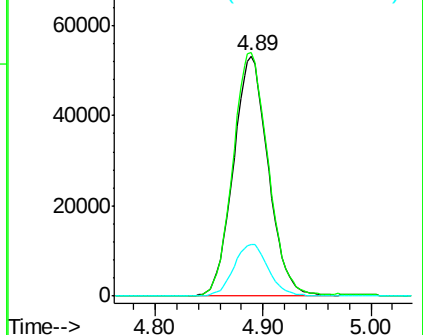


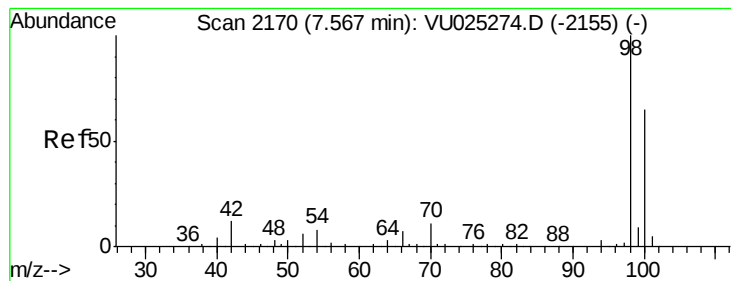
#35
 Dibromofluoromethane
 Concen: 46.312 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025316.D
 Acq: 11 Jul 2018 15:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	21.4	17.1	25.7



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: 49.367 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025316.D

Acq: 11 Jul 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

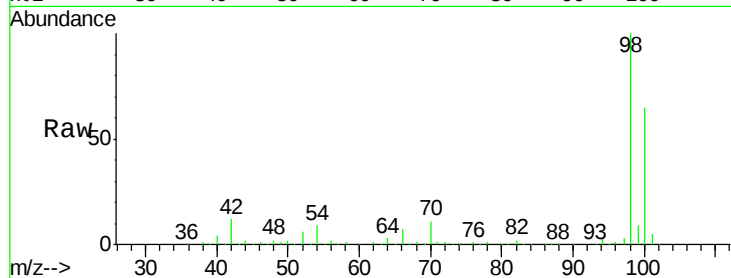
CPTB04-180709

Tot Ion: 98 Resp: 437177

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025274.D (-2155) (-)

Ion 100.00 (99.70 to 100.70): VU025274.D (-2155) (-)

7.57

250000

200000

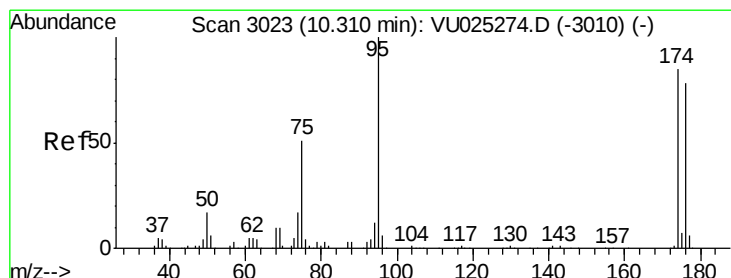
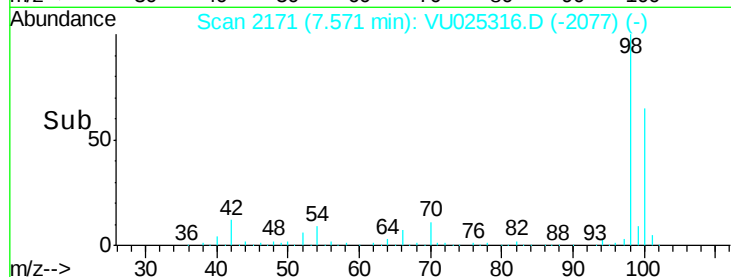
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.884 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025316.D

Acq: 11 Jul 2018 15:51

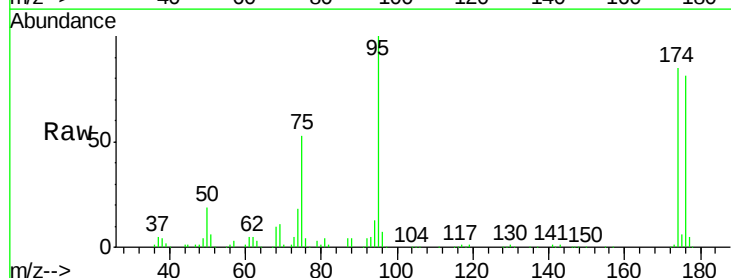
Tgt Ion: 95 Resp: 160025

Ion Ratio Lower Upper

95 100

174 85.7 0.0 172.2

176 83.0 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)

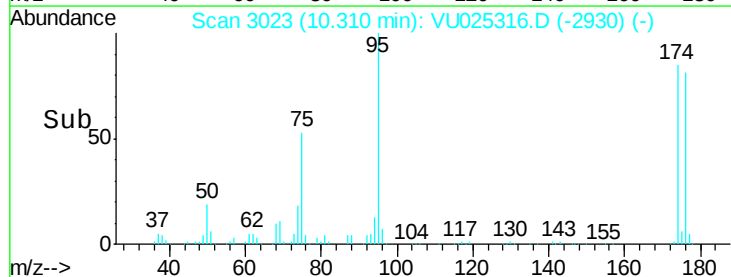
10.31

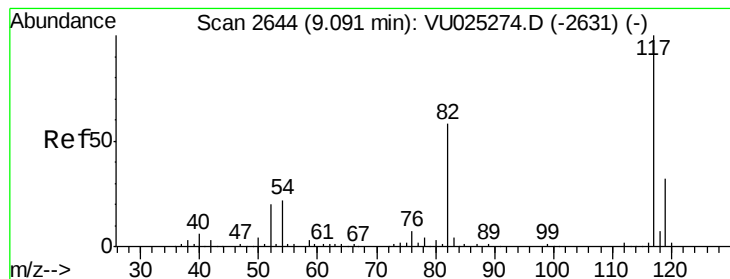
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025316.D

Acq: 11 Jul 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

CPTB04-180709

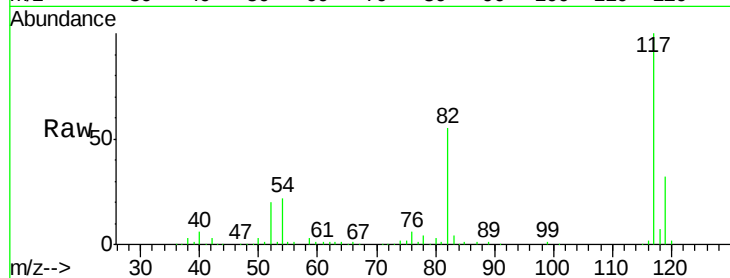
Tot Ion:117 Resp: 285138

Ion Ratio Lower Upper

117 100

82 54.6 46.0 69.0

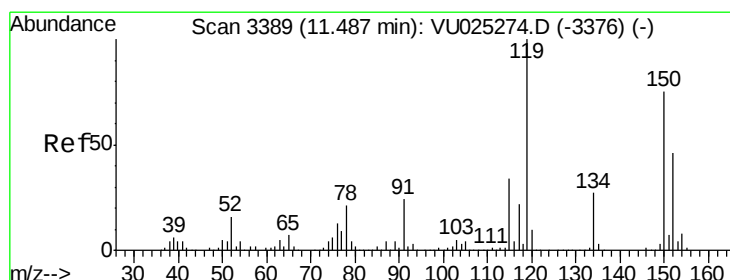
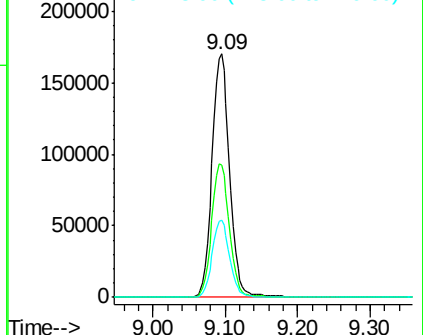
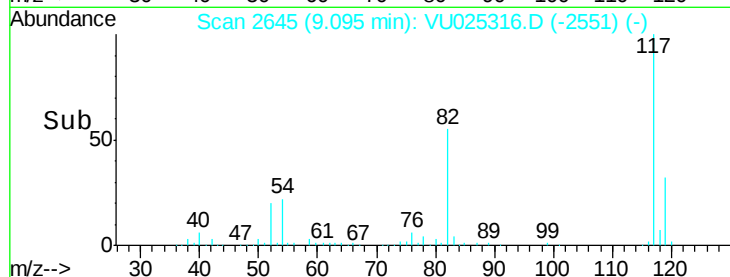
119 31.6 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025316.D

Acq: 11 Jul 2018 15:51

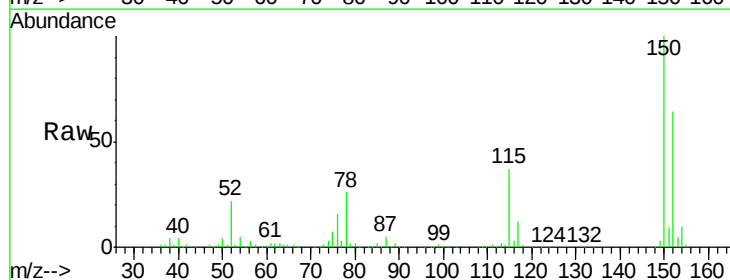
Tgt Ion:152 Resp: 143958

Ion Ratio Lower Upper

152 100

115 57.9 40.1 120.3

150 156.3 0.0 351.4



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

