

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025315.D
 Acq On : 11 Jul 2018 15:27
 Operator : MD/SY
 Sample : J3922-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPTB03-180709

Quant Time: Jul 12 09:07:58 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	209807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312861	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150198	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157859	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	4.89	113	122071	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
50) Toluene-d8	7.57	98	450501	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	10.31	95	163690	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	

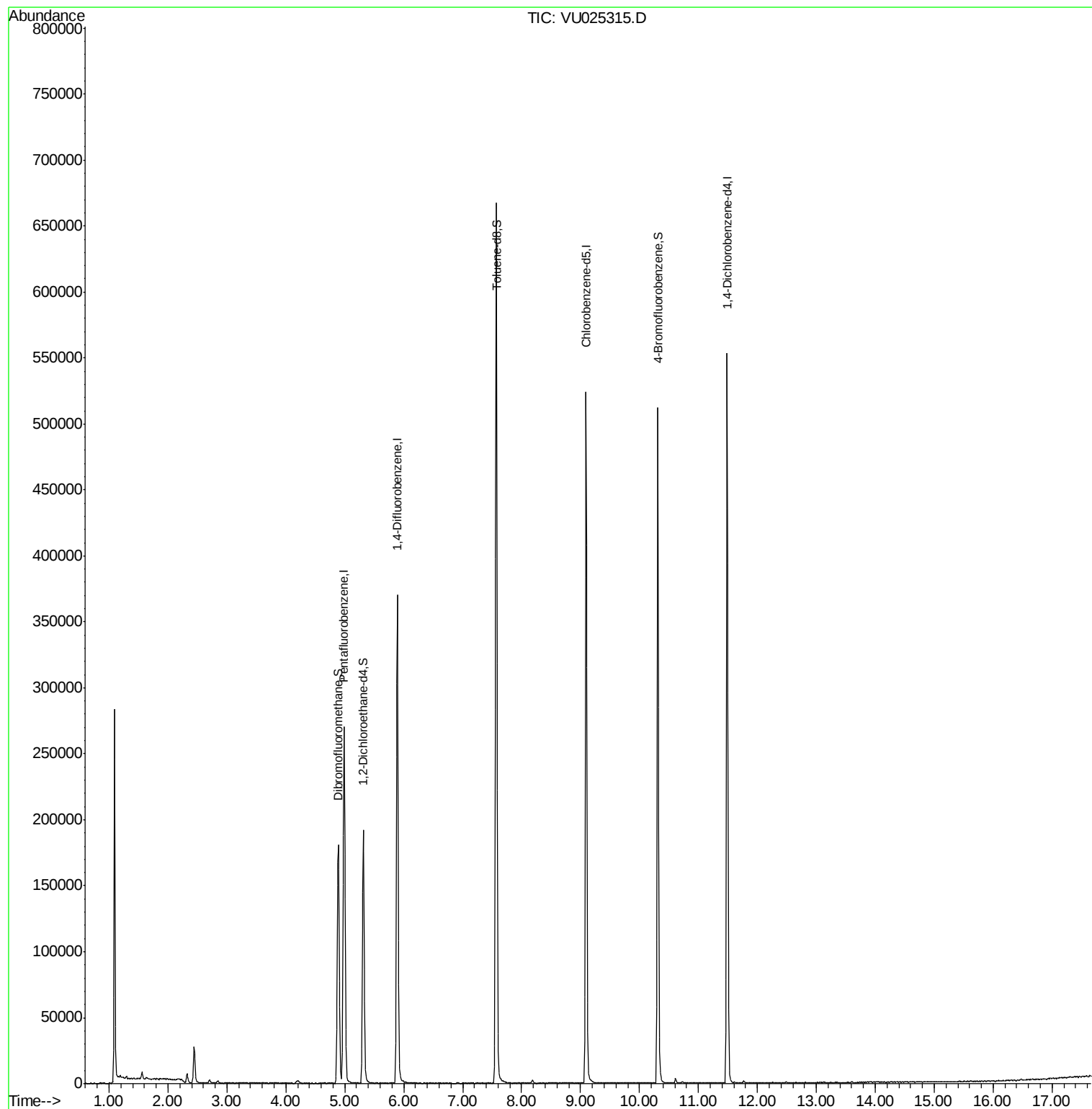
Target Compounds	Qvalue
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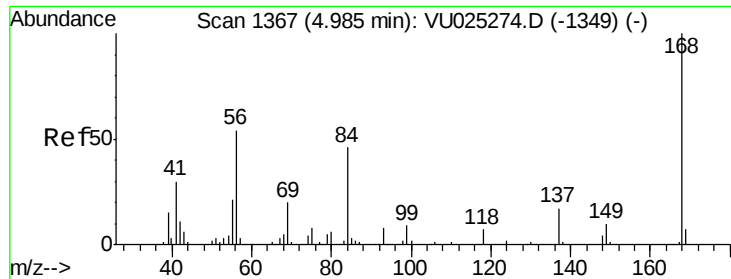
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025315.D

Acq: 11 Jul 2018 15:27

Instrument :

MSVOA_U

ClientSampleId :

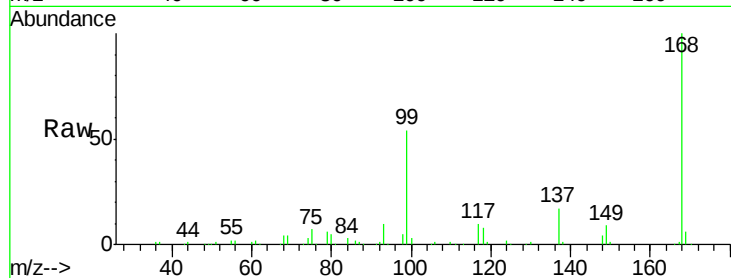
CPTB03-180709

Tot Ion:168 Resp: 209807

Ion Ratio Lower Upper

168 100

99 54.4 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

100000

80000

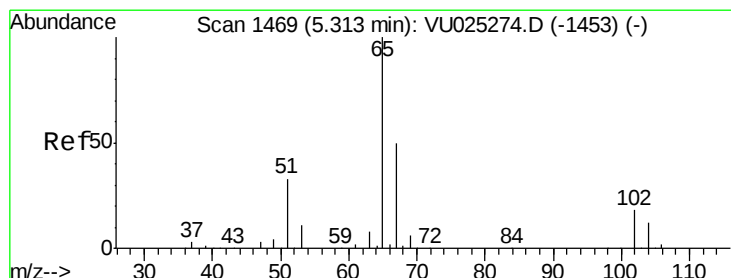
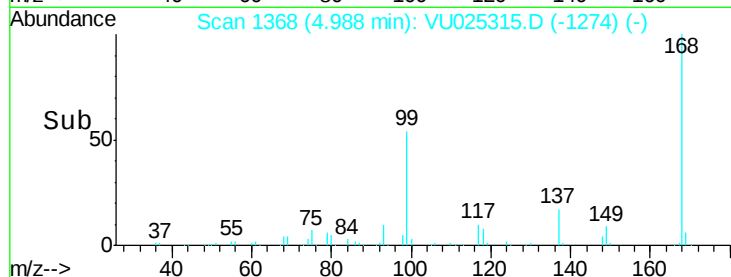
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.429 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025315.D

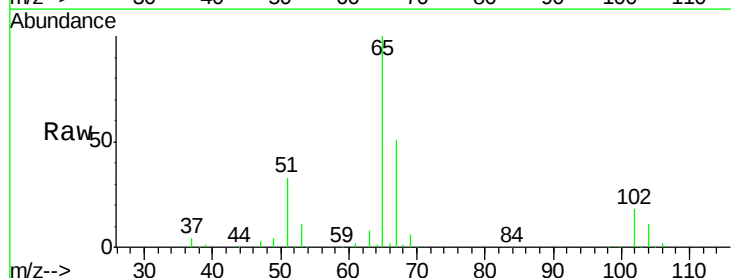
Acq: 11 Jul 2018 15:27

Tgt Ion: 65 Resp: 157859

Ion Ratio Lower Upper

65 100

67 51.2 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

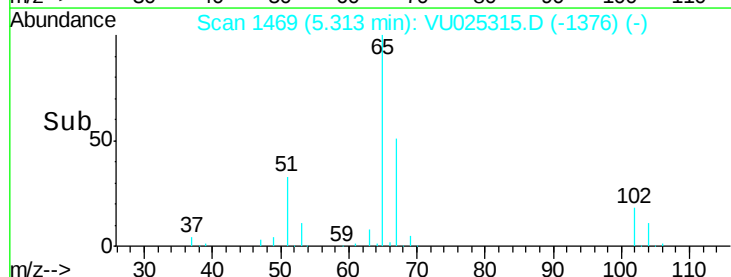
60000

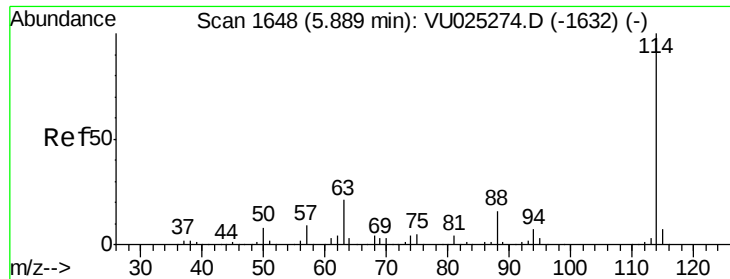
40000

20000

0

Time-->

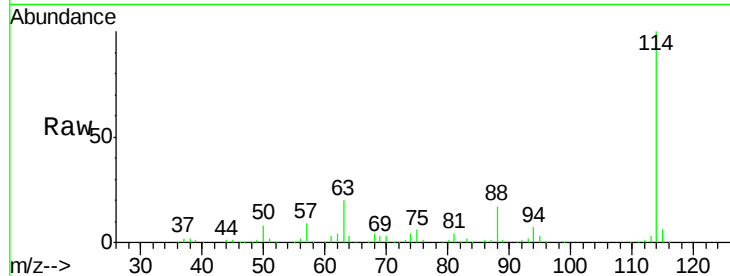




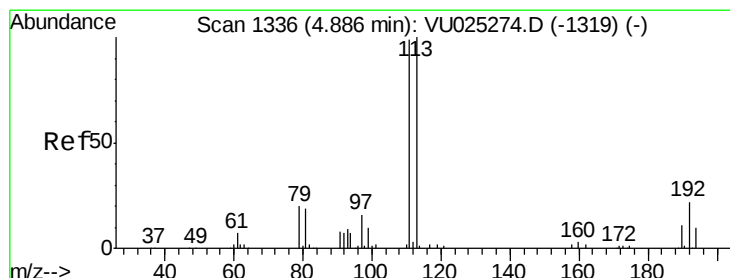
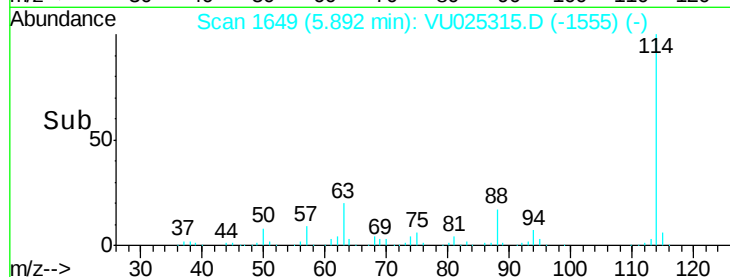
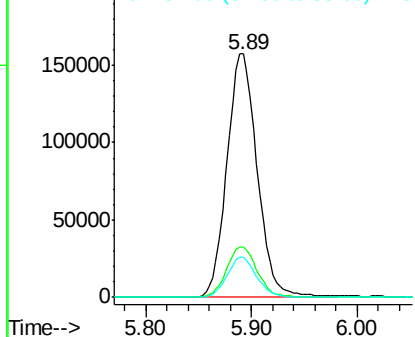
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025315.D
Acq: 11 Jul 2018 15:27

Instrument :
MSVOA_U
ClientSampleId :
CPTB03-180709

Tot Ion:114 Resp: 312861
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.6
88 16.7 0.0 32.4

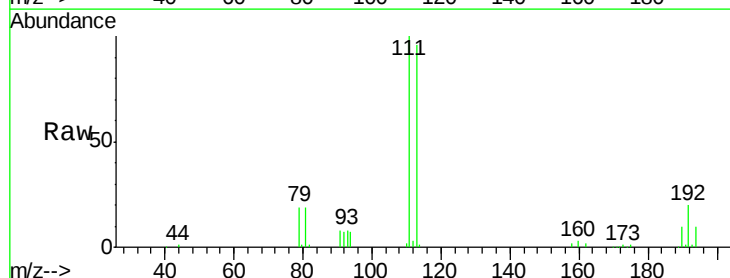


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

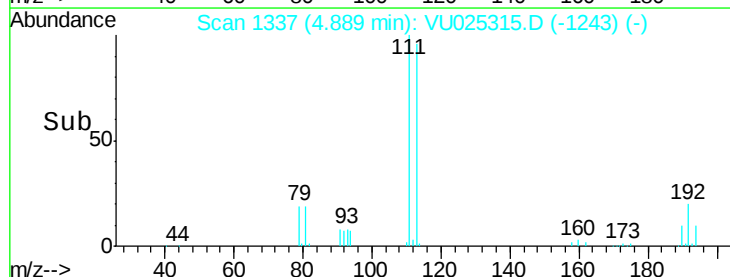
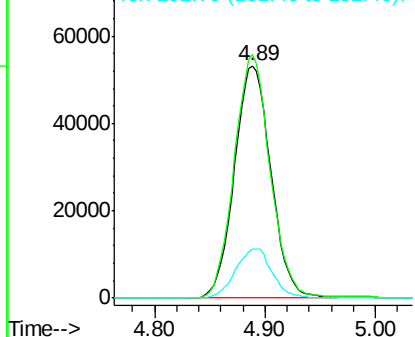


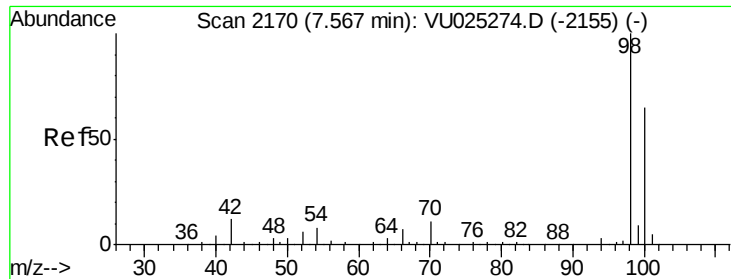
#35
Dibromofluoromethane
Concen: 46.252 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025315.D
Acq: 11 Jul 2018 15:27

Tgt Ion:113 Resp: 122071
Ion Ratio Lower Upper
113 100
111 102.8 81.7 122.5
192 21.2 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: 49.846 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025315.D

Acq: 11 Jul 2018 15:27

Instrument :

MSVOA_U

ClientSampleId :

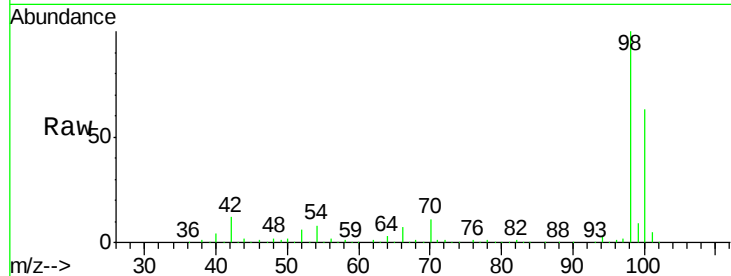
CPTB03-180709

Tot Ion: 98 Resp: 450501

Ion Ratio Lower Upper

98 100

100 63.9 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

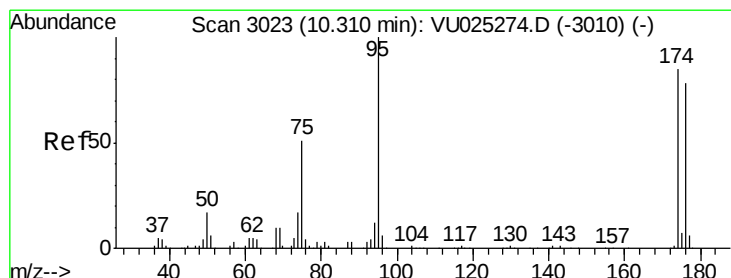
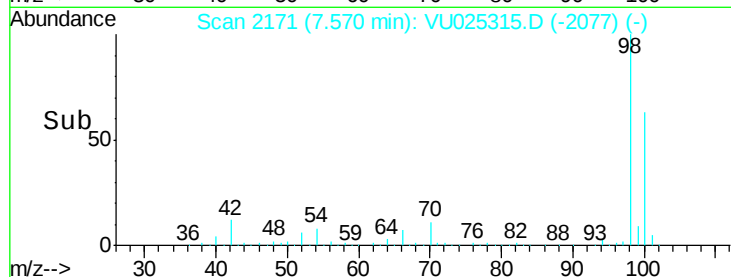
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.987 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025315.D

Acq: 11 Jul 2018 15:27

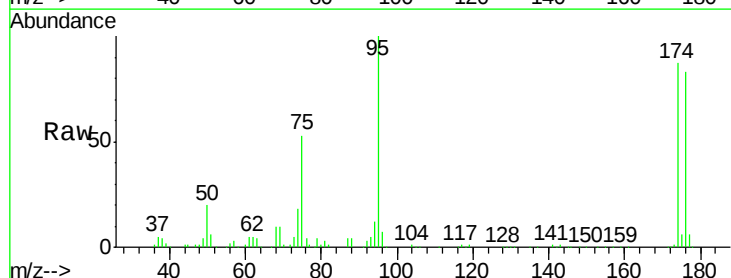
Tgt Ion: 95 Resp: 163690

Ion Ratio Lower Upper

95 100

174 86.7 0.0 172.2

176 83.7 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) (-)

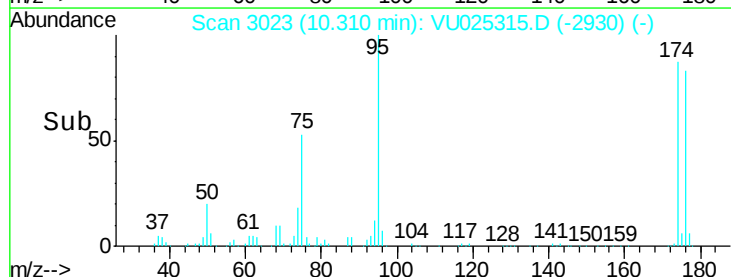
10.31

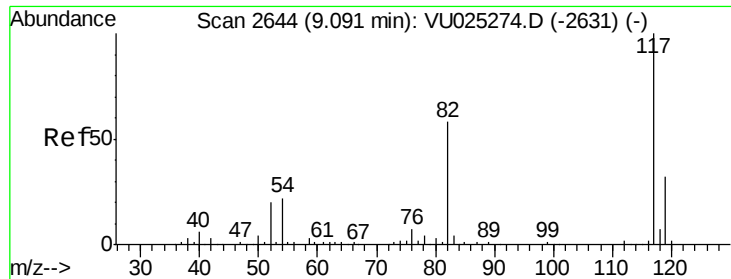
100000

50000

0

Time-->

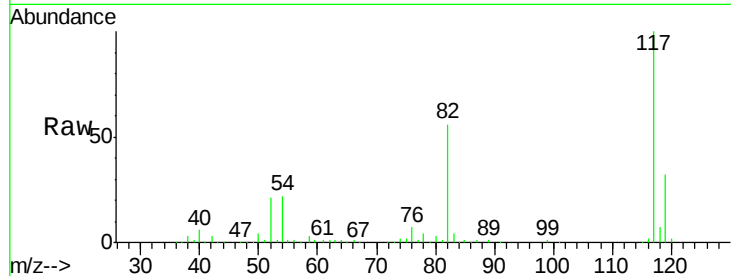




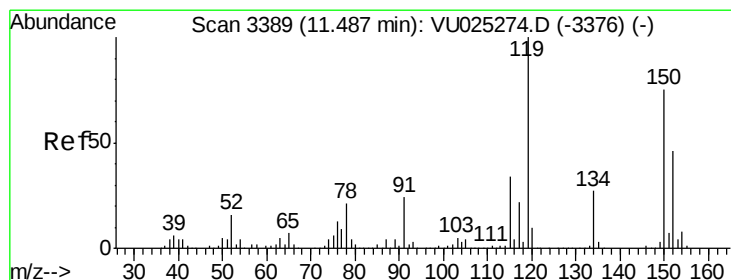
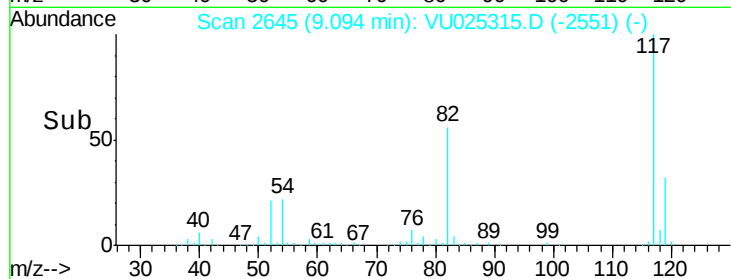
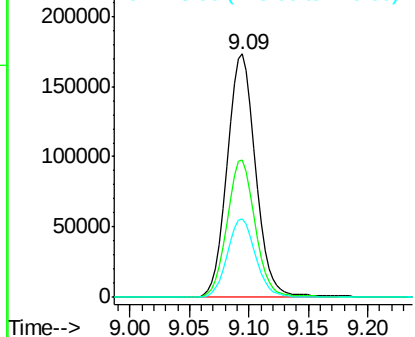
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025315.D
Acq: 11 Jul 2018 15:27

Instrument :
MSVOA_U
ClientSampleId :
CPTB03-180709

Tot Ion:117 Resp: 287954
Ion Ratio Lower Upper
117 100
82 56.3 46.0 69.0
119 32.2 26.0 39.0

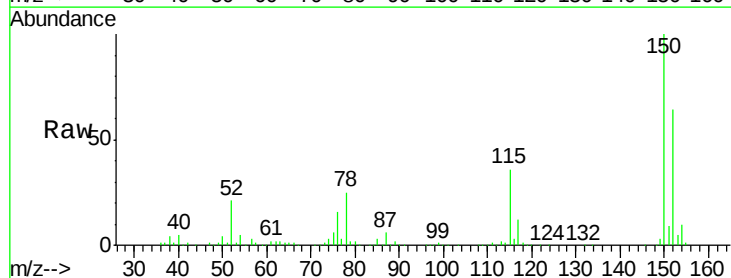


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025315.D
Acq: 11 Jul 2018 15:27

Tgt Ion:152 Resp: 150198
Ion Ratio Lower Upper
152 100
115 56.7 40.1 120.3
150 156.1 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

