

Data File : VU025320.D
Acq On : 11 Jul 2018 17:29
Operator : MD/SY
Sample : J3921-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
KY038PS033-180709

Quant Time: Jul 12 08:20:09 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

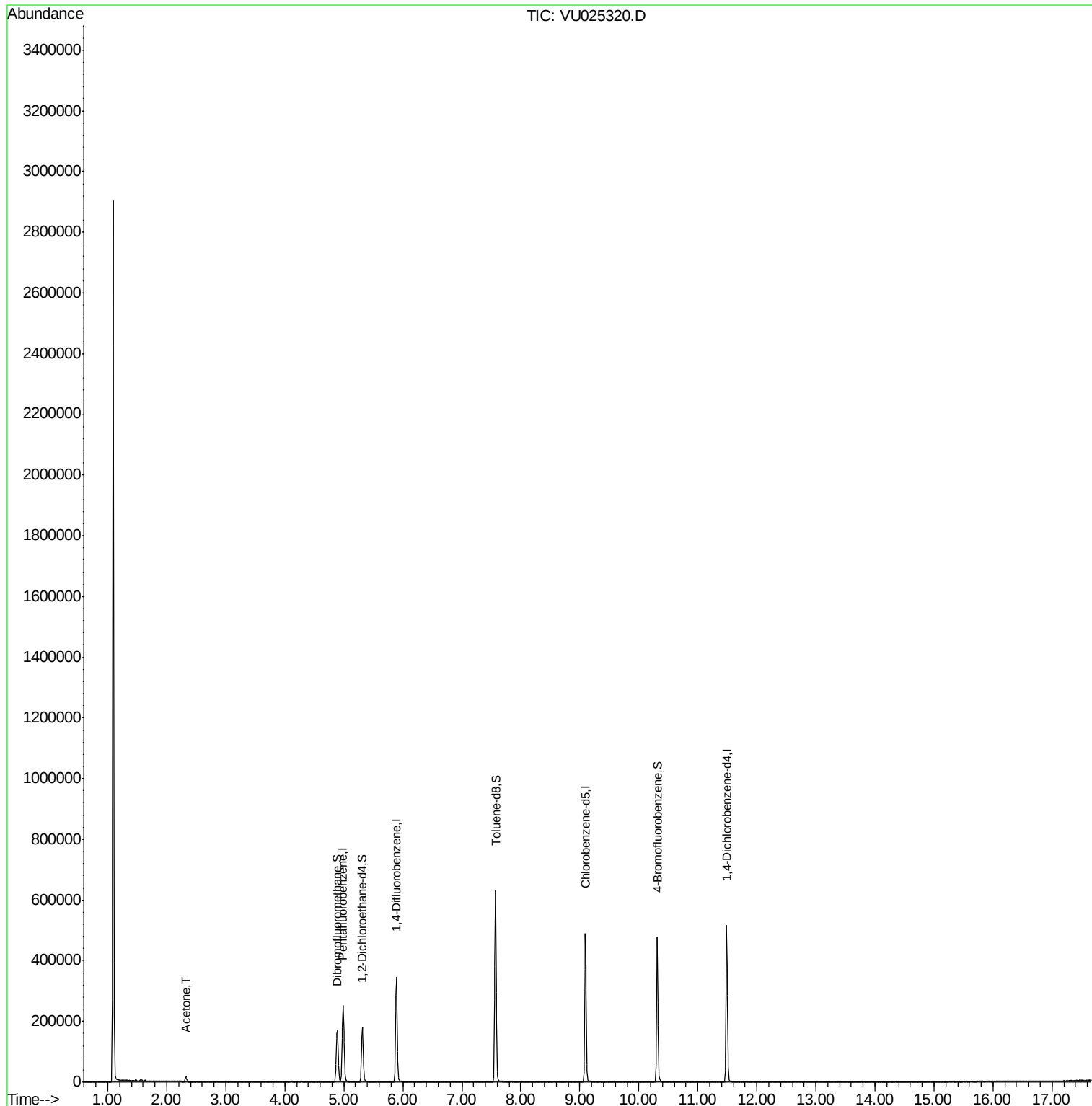
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	197462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297417	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	148239	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	4.89	113	114051	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
50) Toluene-d8	7.57	98	425500	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	10.31	95	152716	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
16) Acetone	2.32	43	18671	16.562	ug/l	Qvalue 98

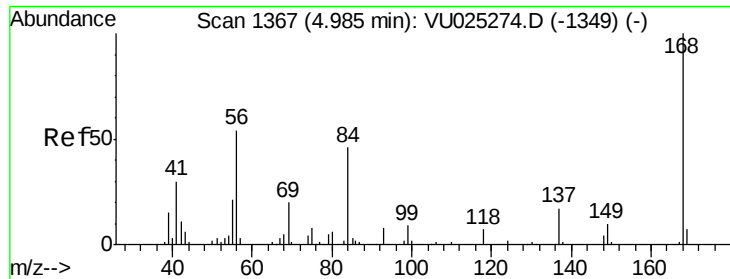
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025320.D

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ClientSampleId :

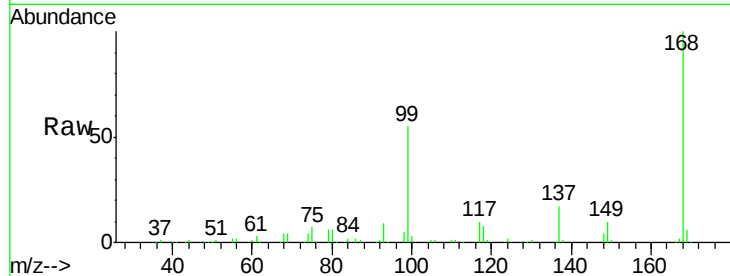
KY038PS033-180709

Tgt Ion:168 Resp: 197462

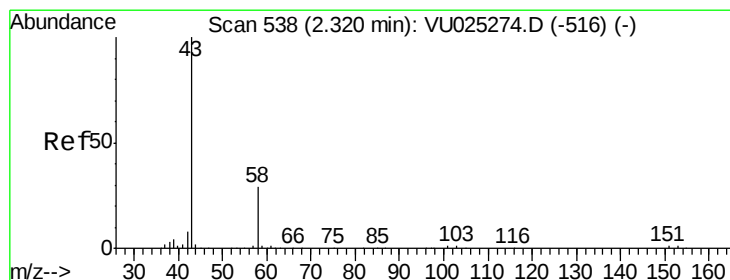
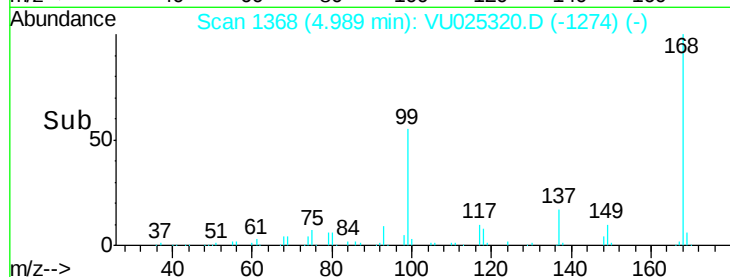
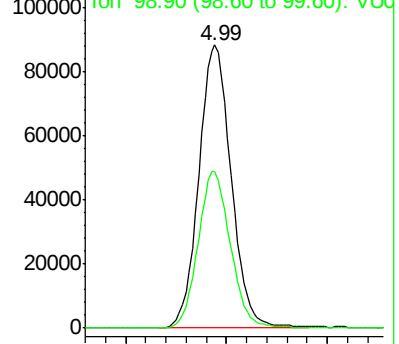
Ion Ratio Lower Upper

168 100

99 55.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025320.D (-1274) (-)



#16

Acetone

Concen: 16.562 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025320.D

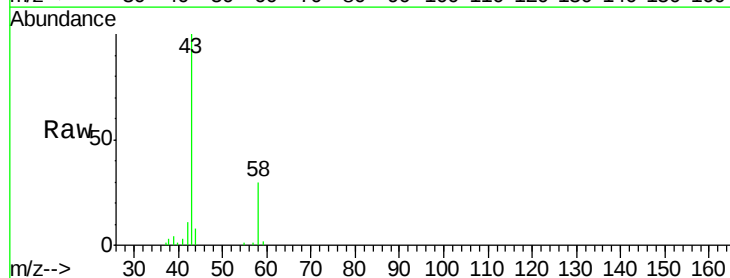
Acq: 11 Jul 2018 17:29

Tgt Ion: 43 Resp: 18671

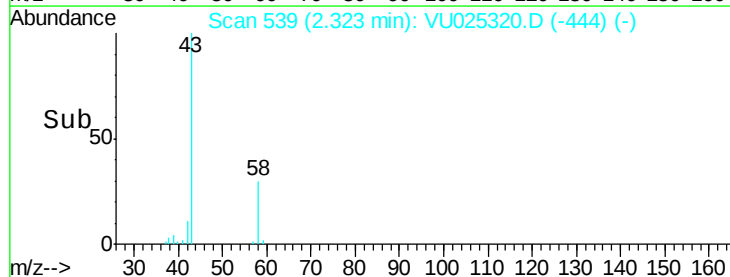
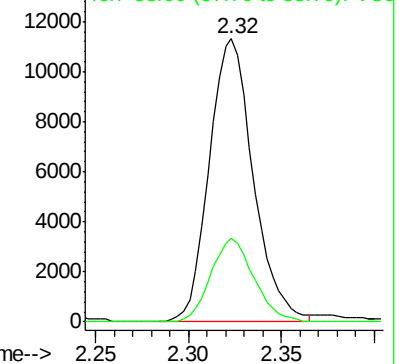
Ion Ratio Lower Upper

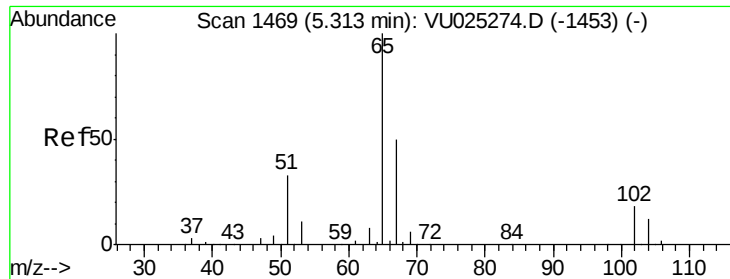
43 100

58 29.7 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025320.D (-444) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.321 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025320.D

Acq: 11 Jul 2018 17:29

Instrument :

MSVOA_U

ClientSampleId :

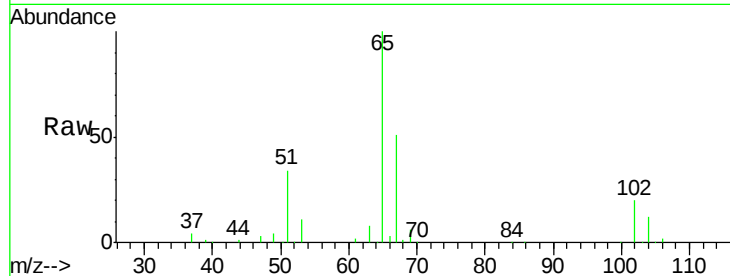
KY038PS033-180709

Tgt Ion: 65 Resp: 148239

Ion Ratio Lower Upper

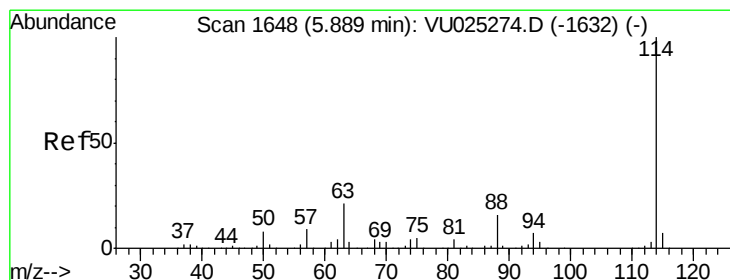
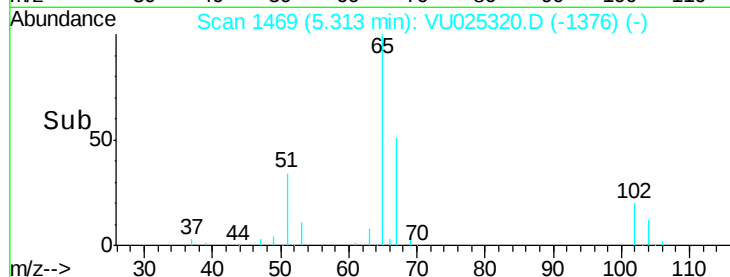
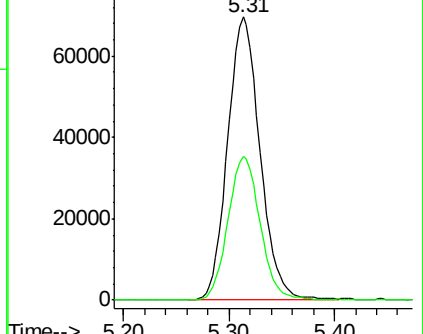
65 100

67 50.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025320.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025320.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025320.D

Acq: 11 Jul 2018 17:29

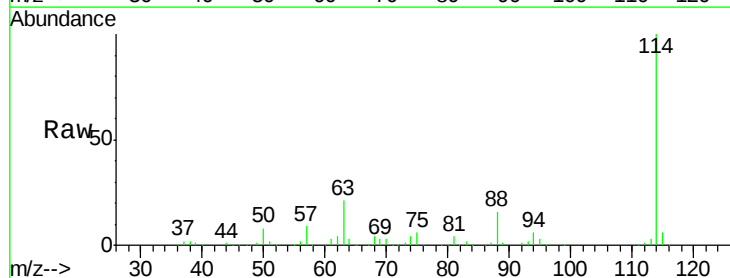
Tgt Ion: 114 Resp: 297417

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

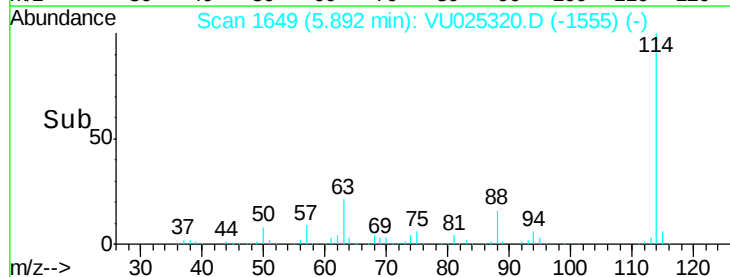
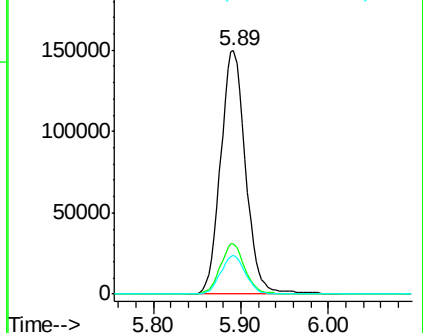
88 15.7 0.0 32.4

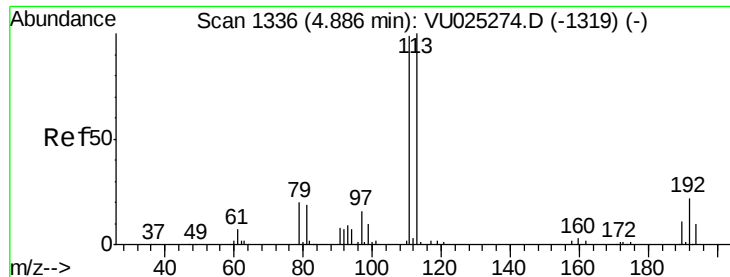


Abundance Ion 113.90 (113.60 to 114.60): VU025320.D (-1555) (-)

Ion 63.00 (62.70 to 63.70): VU025320.D (-1555) (-)

Ion 87.90 (87.60 to 88.60): VU025320.D (-1555) (-)

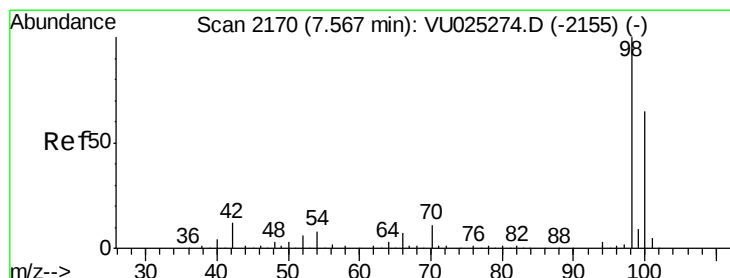
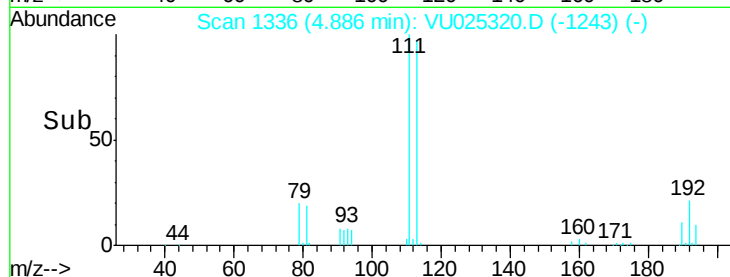
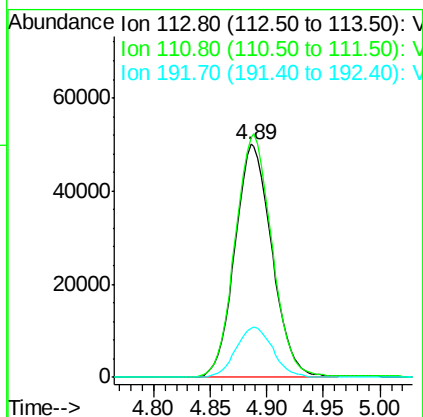
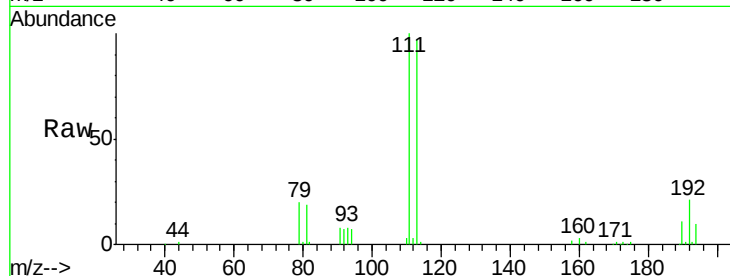




#35
 Dibromofluoromethane
 Concen: 45.457 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025320.D
 Acq: 11 Jul 2018 17:29

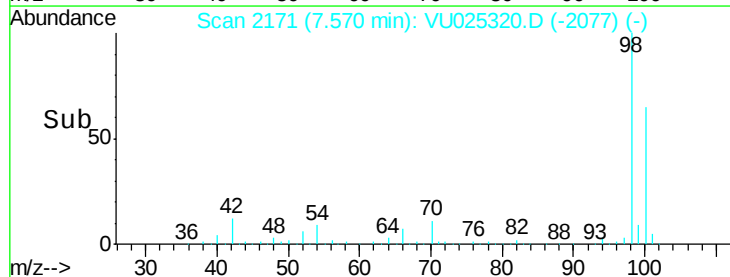
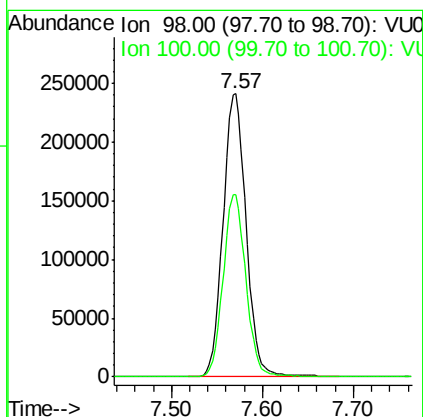
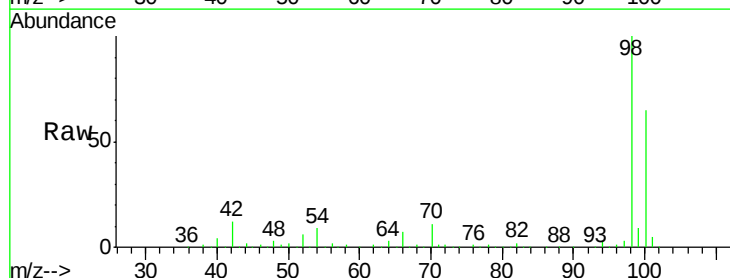
Instrument :
 MSVOA_U
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 KY038PS033-180709

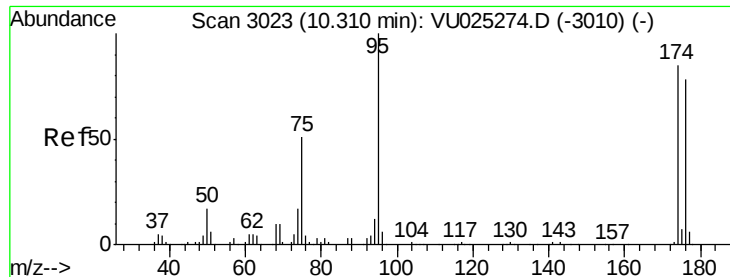
Tgt Ion: 113 Resp: 114051
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.7 122.5
 192 21.6 17.1 25.7



#50
 Toluene-d8
 Concen: 49.525 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU025320.D
 Acq: 11 Jul 2018 17:29

Tgt Ion: 98 Resp: 425500
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 44.150 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025320.D

Acq: 11 Jul 2018 17:29

Instrument :

MSVOA_U

ClientSampleId :

KY038PS033-180709

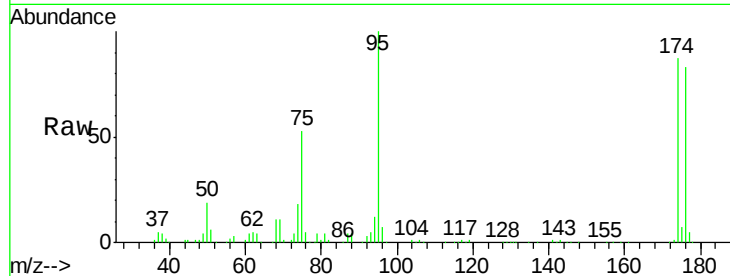
Tgt Ion: 95 Resp: 152716

Ion Ratio Lower Upper

95 100

174 88.7 0.0 172.2

176 83.7 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0

120000

100000

80000

60000

40000

20000

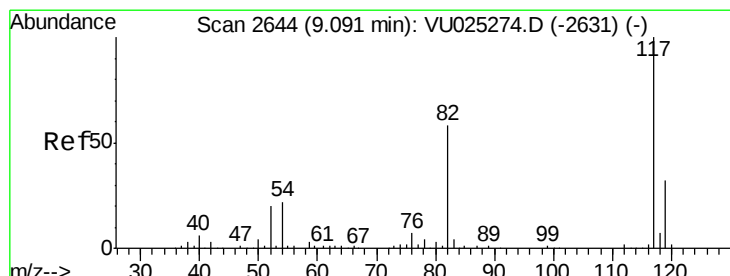
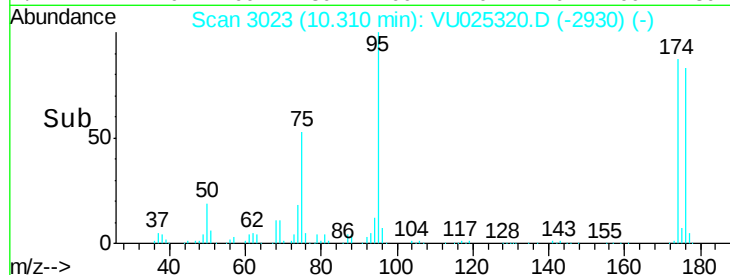
0

10.31

10.30

10.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025320.D

Acq: 11 Jul 2018 17:29

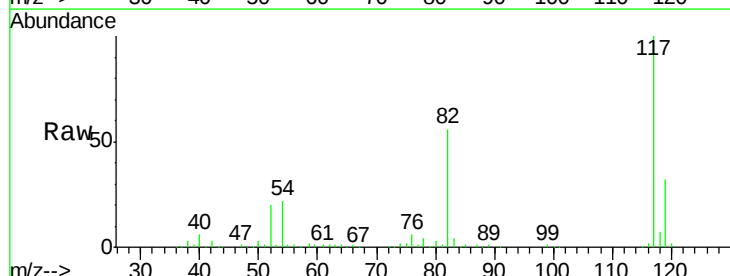
Tgt Ion: 117 Resp: 274825

Ion Ratio Lower Upper

117 100

82 56.3 46.0 69.0

119 31.7 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0

200000

150000

100000

50000

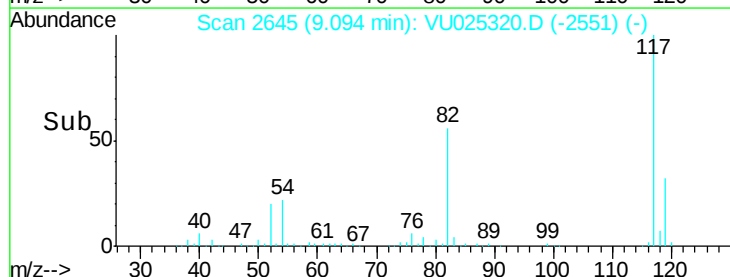
0

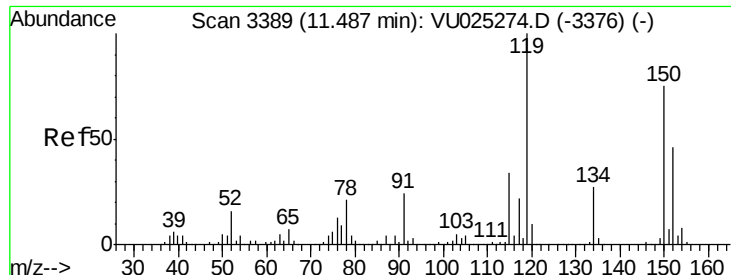
9.09

9.10

9.20

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU025320.D
 Acq: 11 Jul 2018 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS033-180709

Tgt Ion:152 Resp: 139754
 Ion Ratio Lower Upper
 152 100
 115 57.4 40.1 120.3
 150 157.3 0.0 351.4

