

Data File : VU025323.D
Acq On : 11 Jul 2018 18:43
Operator : MD/SY
Sample : J3922-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SS037MW202-180709

Quant Time: Jul 12 08:26:17 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	197914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301875	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	273675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	140693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	151613	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	4.89	113	117067	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
50) Toluene-d8	7.57	98	430528	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	10.31	95	156043	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
4) Vinyl Chloride	1.40	62	12555	5.578	ug/l	98
27) cis-1,2-Dichloroethene	4.24	96	11977	4.515	ug/l	91

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

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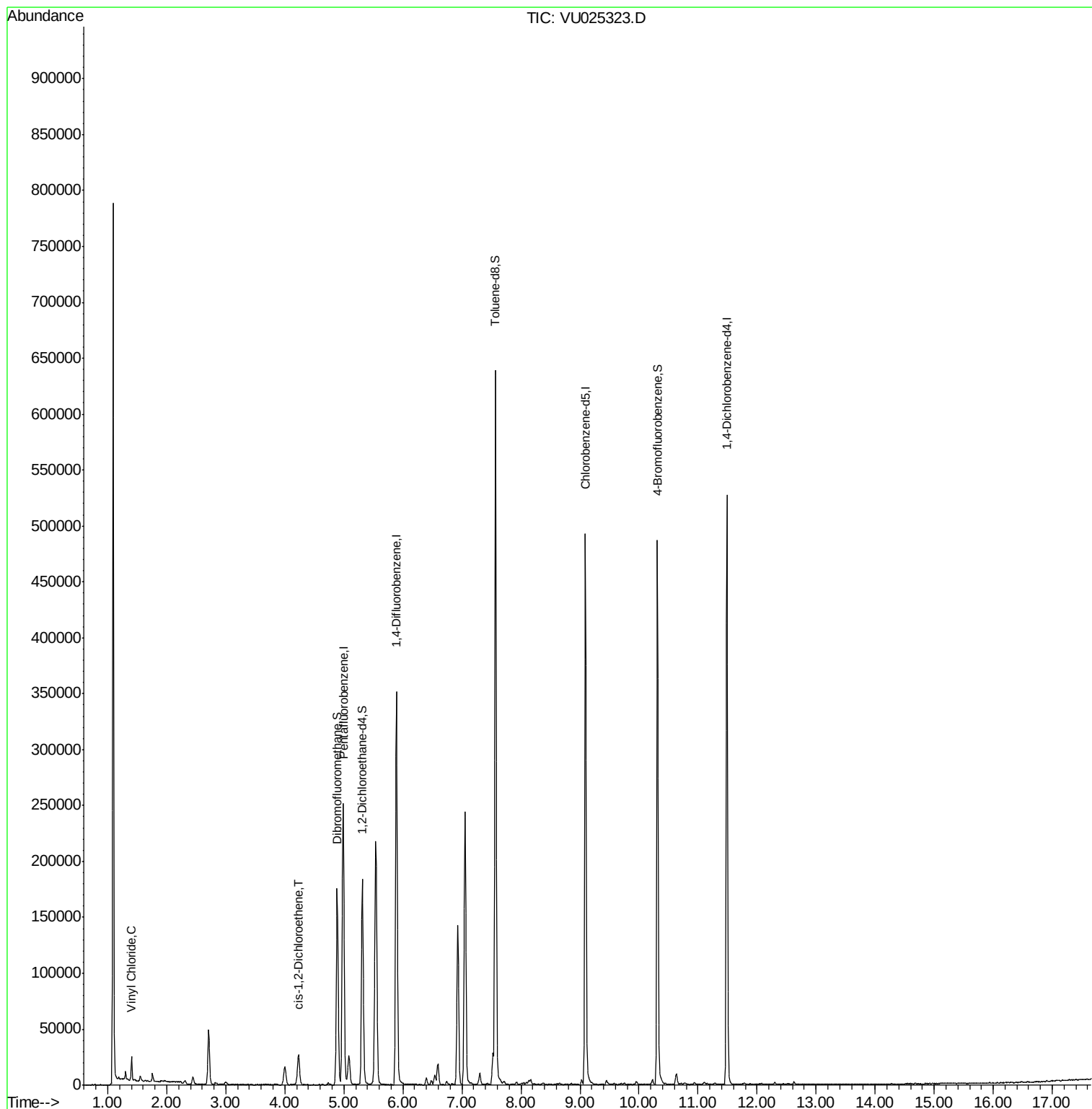
Quant Time: Jul 12 08:26:17 2018

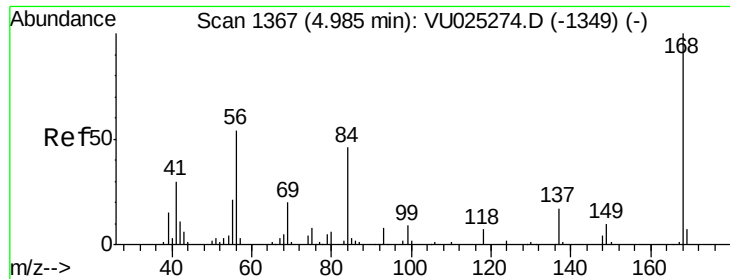
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M

Quant Title : SW846 8260

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

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ClientSampleId :

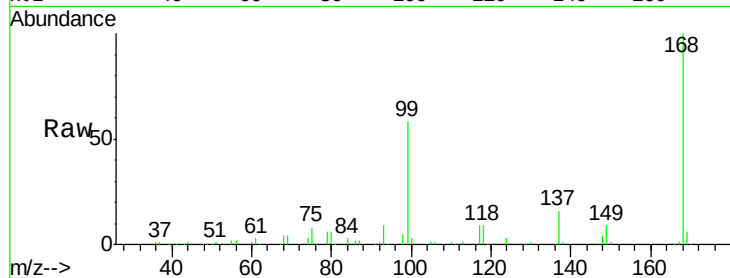
SS037MW202-180709

Tgt Ion: 168 Resp: 197914

Ion Ratio Lower Upper

168 100

99 57.6 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

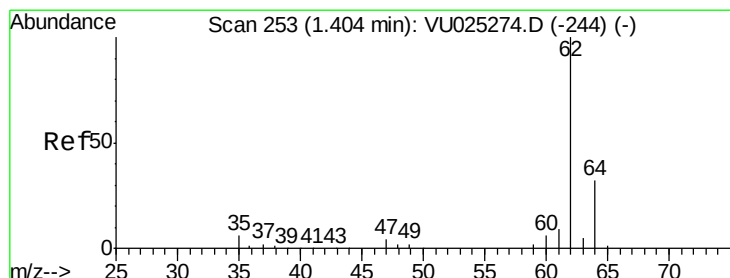
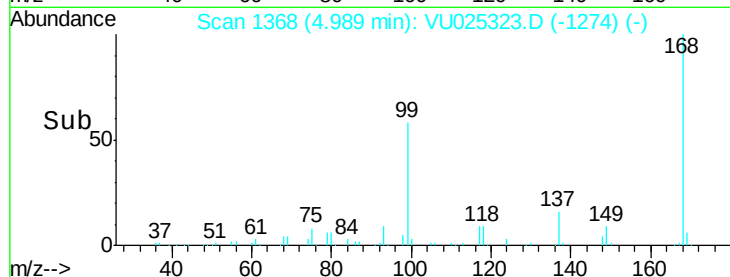
40000

20000

0

Time-->

4.90 5.00 5.10



#4

Vinyl Chloride

Concen: 5.578 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025323.D

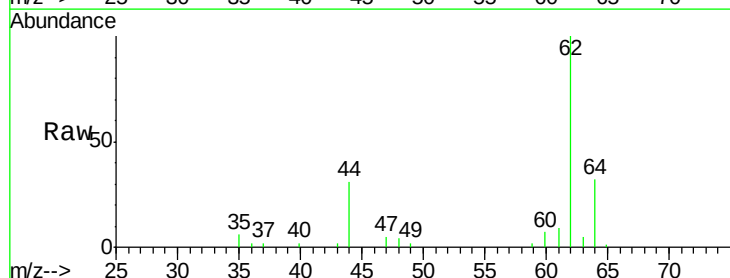
Acq: 11 Jul 2018 18:43

Tgt Ion: 62 Resp: 12555

Ion Ratio Lower Upper

62 100

64 30.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU025274.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025274.D (-244) (-)

1.40

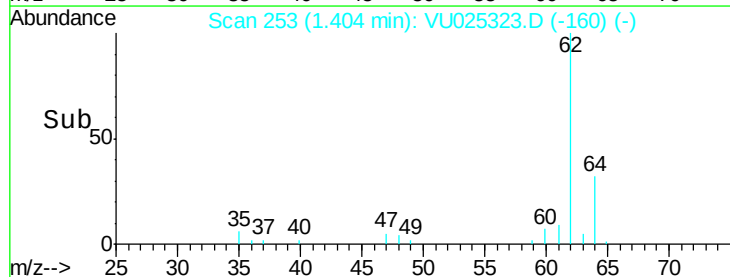
10000

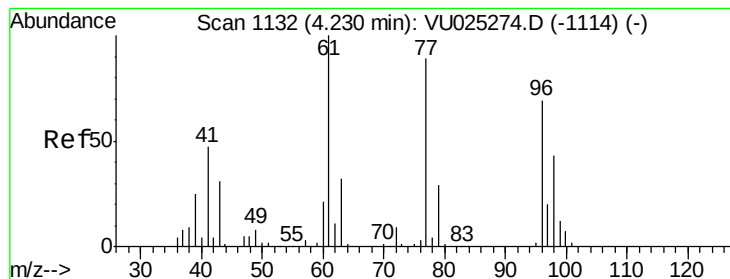
5000

0

Time-->

1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 4.515 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.01 min

Lab File: VU025323.D

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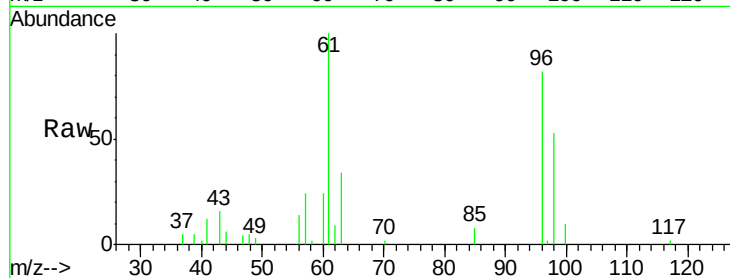
Tgt Ion: 96 Resp: 11977

Ion Ratio Lower Upper

96 100

61 135.7 0.0 299.8

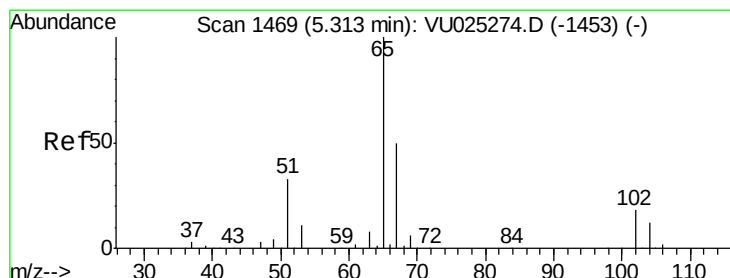
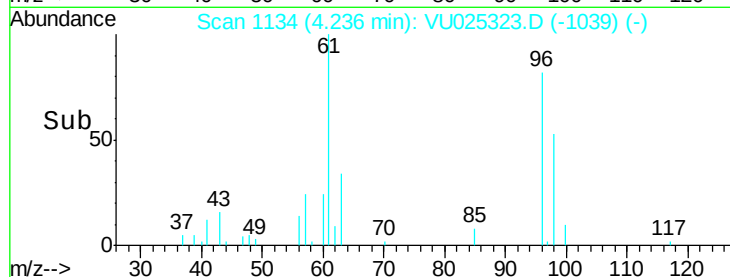
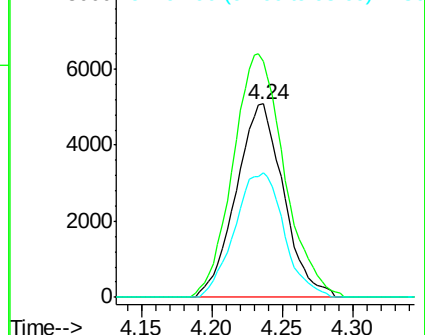
98 66.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 49.307 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025323.D

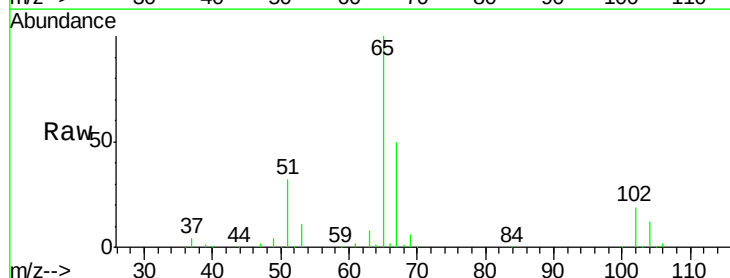
Acq: 11 Jul 2018 18:43

Tgt Ion: 65 Resp: 151613

Ion Ratio Lower Upper

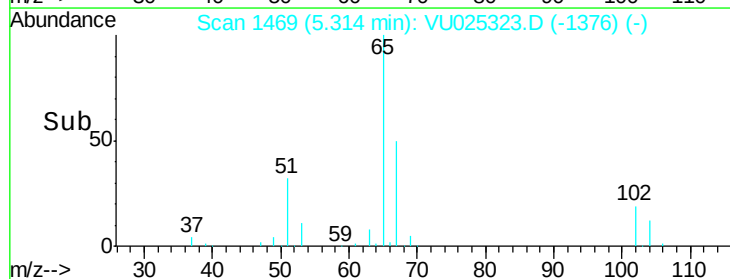
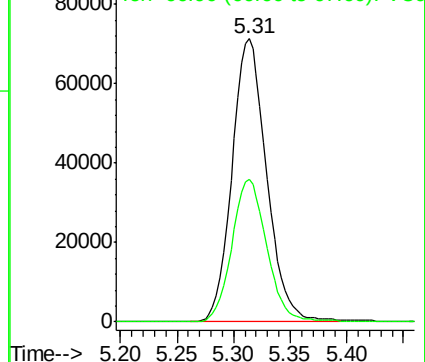
65 100

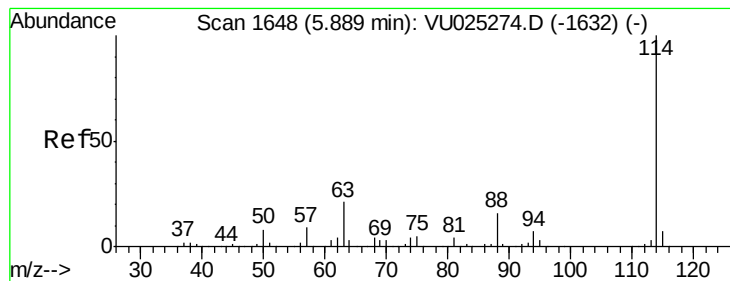
67 50.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025323.D

Acq: 11 Jul 2018 18:43

Instrument :

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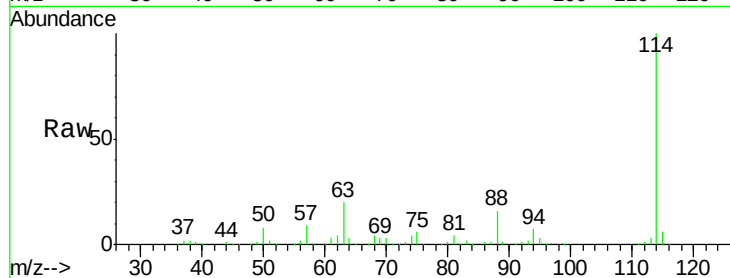
Tgt Ion:114 Resp: 301875

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

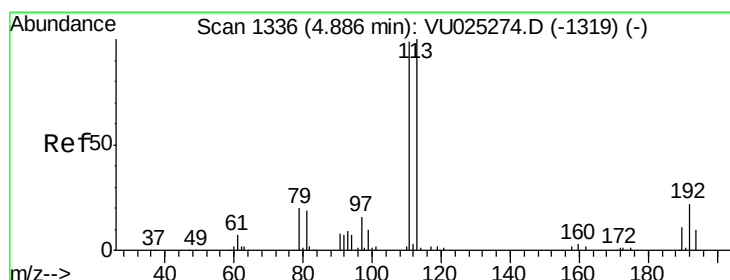
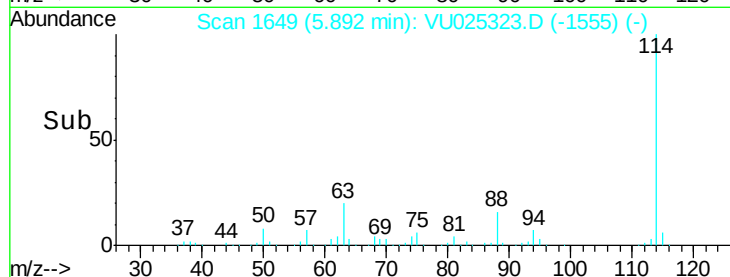
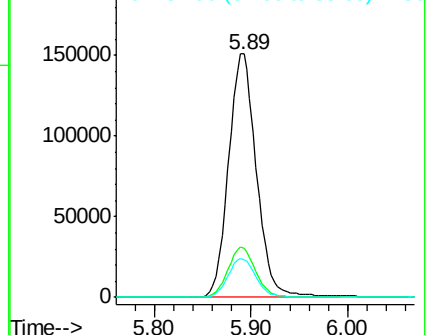
88 15.6 0.0 32.4



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: 45.970 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025323.D

Acq: 11 Jul 2018 18:43

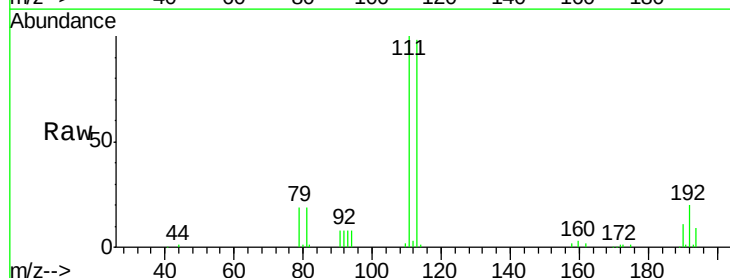
Tgt Ion:113 Resp: 117067

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

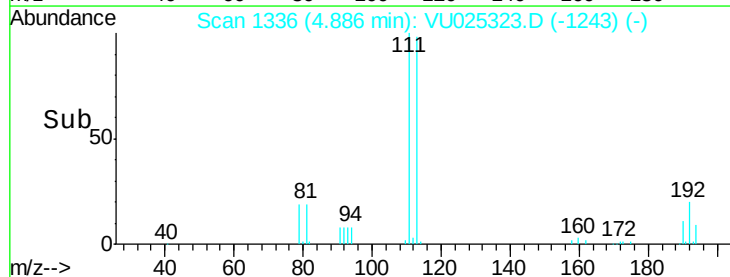
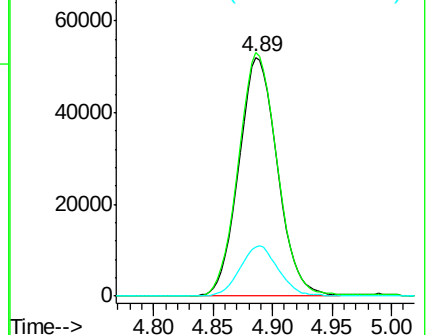
192 21.0 17.1 25.7

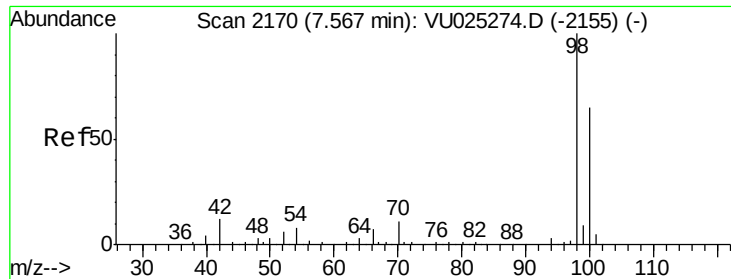


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.370 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025323.D

Acq: 11 Jul 2018 18:43

Instrument :

MSVOA_U

ClientSampleId :

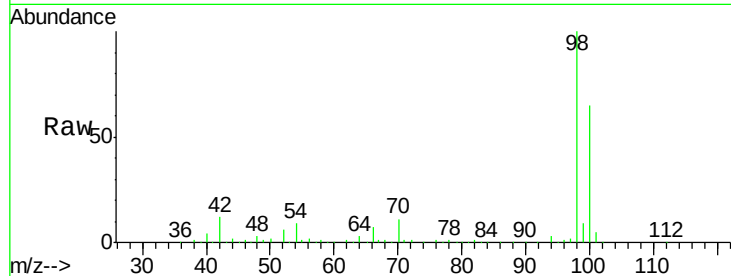
SS037MW202-180709

Tgt Ion: 98 Resp: 430528

Ion Ratio Lower Upper

98 100

100 64.2 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

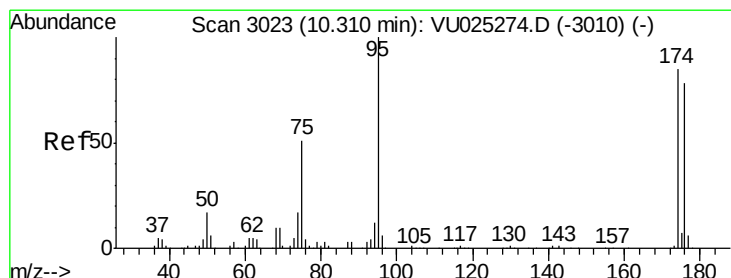
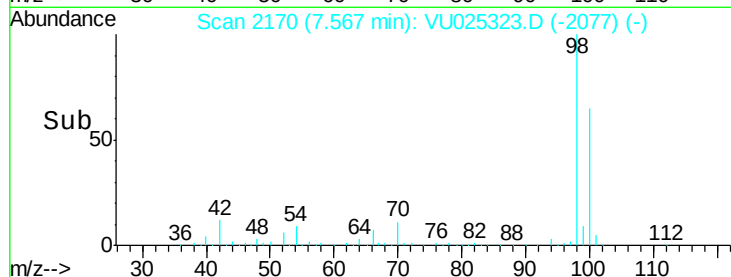
100000

50000

0

7.50 7.55 7.60 7.65

Time-->



#62

4-Bromofluorobenzene

Concen: 44.446 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025323.D

Acq: 11 Jul 2018 18:43

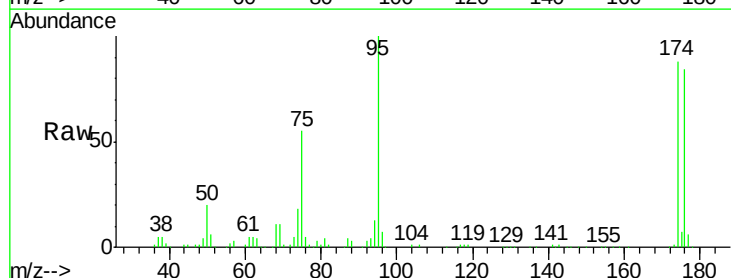
Tgt Ion: 95 Resp: 156043

Ion Ratio Lower Upper

95 100

174 87.1 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

120000

100000

80000

60000

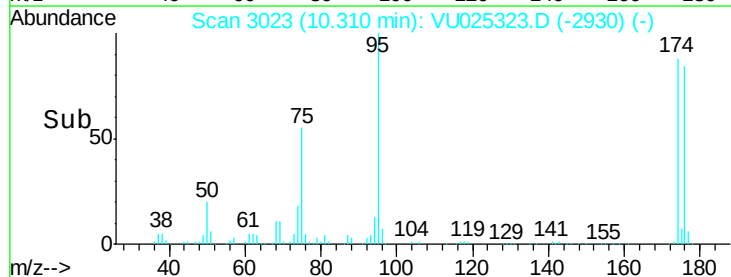
40000

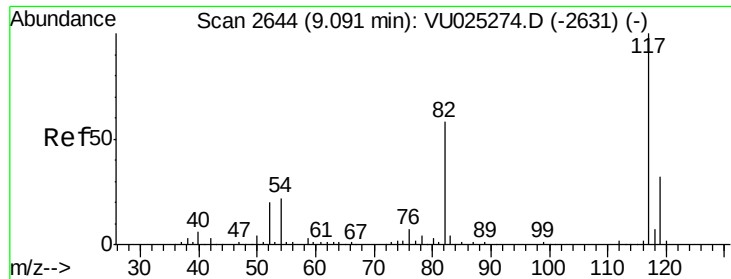
20000

0

10.30 10.35 10.40

Time-->

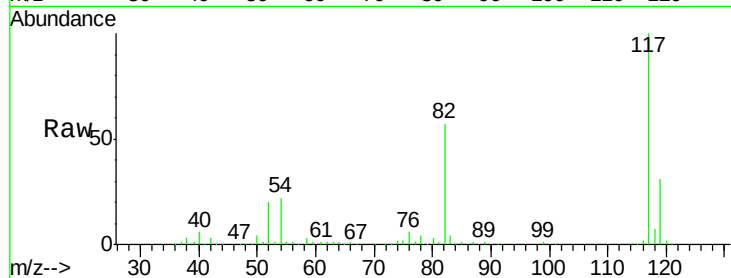




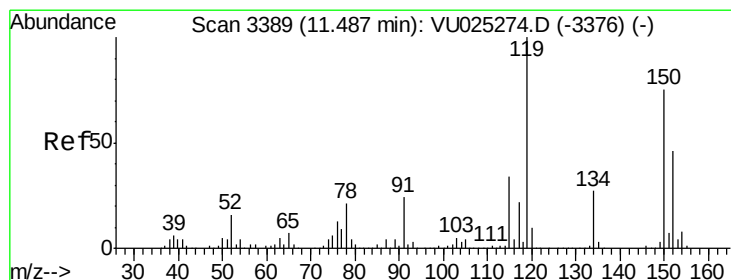
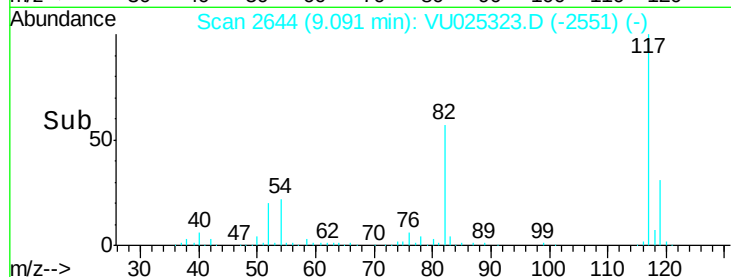
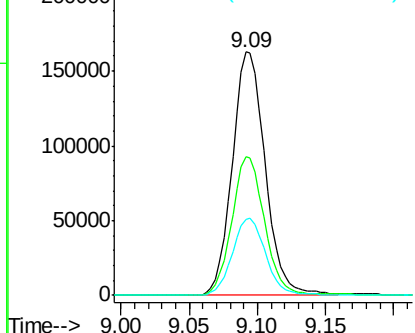
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025323.D
Acq: 11 Jul 2018 18:43

Instrument :
MSVOA_U
ClientSampleId :
SS037MW202-180709

Tgt Ion:117 Resp: 273675
Ion Ratio Lower Upper
117 100
82 57.1 46.0 69.0
119 31.2 26.0 39.0

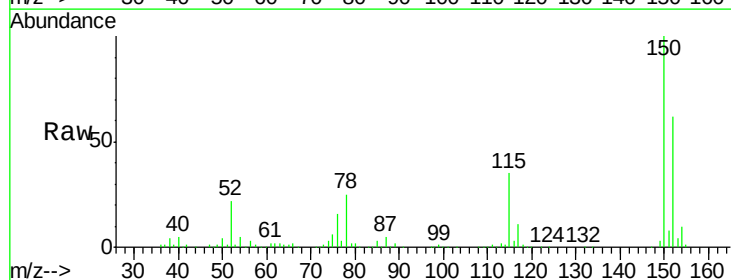


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025323.D
Acq: 11 Jul 2018 18:43

Tgt Ion:152 Resp: 140693
Ion Ratio Lower Upper
152 100
115 57.0 40.1 120.3
150 158.4 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

