

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027086.D
 Acq On : 23 Sep 2018 20:43
 Operator : MD/SY
 Sample : J4954-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 130 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW-DUP01-20180914

Quant Time: Sep 24 09:02:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	100914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	171652	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	166681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77684	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	106494	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	4.89	113	74101	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	7.57	98	280111	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	10.31	95	90428	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	

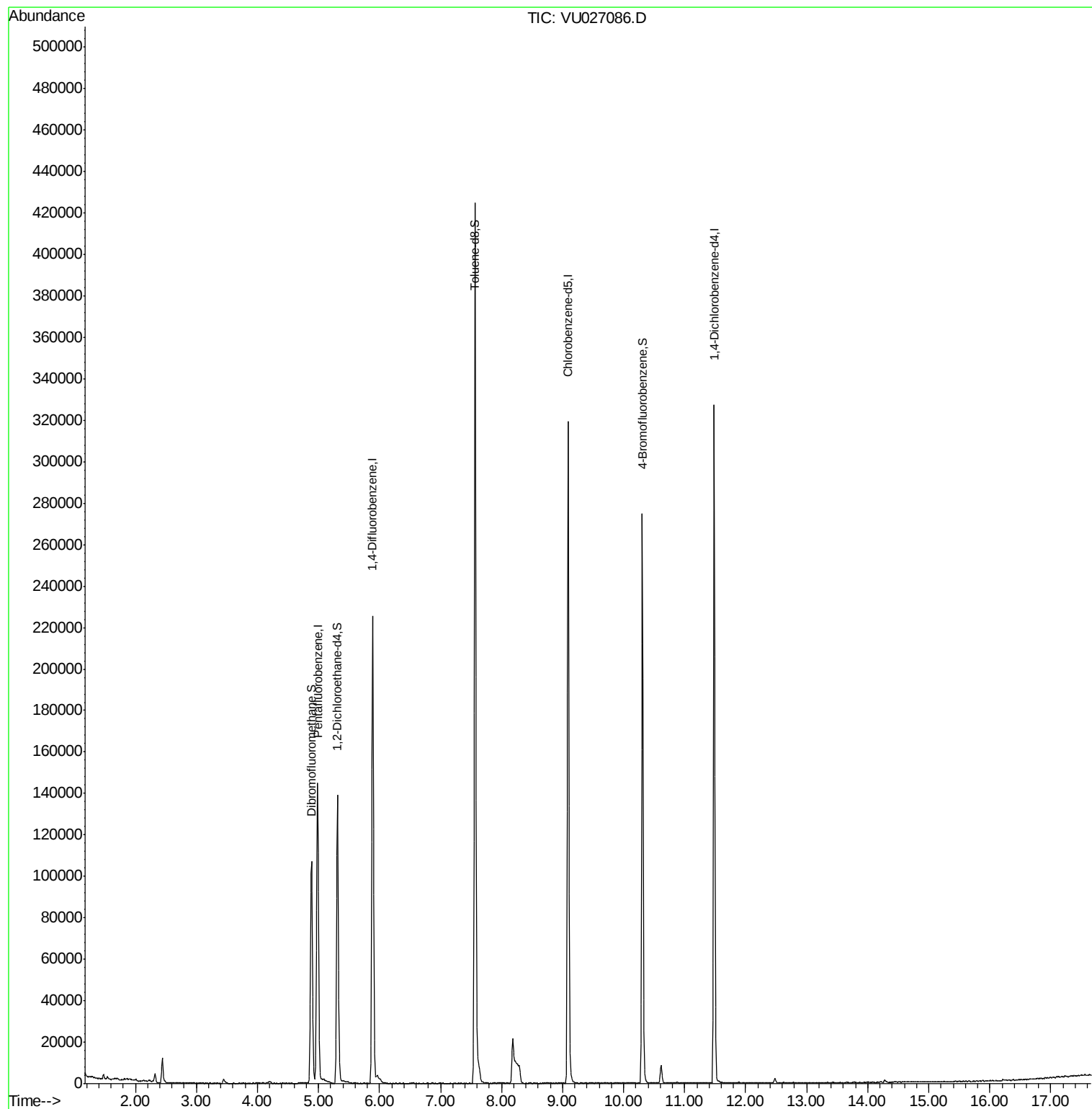
Target Compounds	Qvalue
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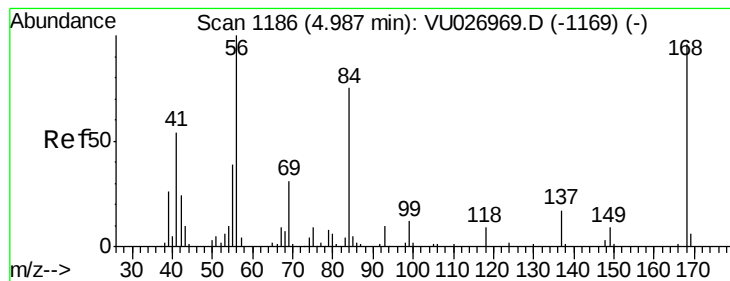
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027086.D

Acq: 23 Sep 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

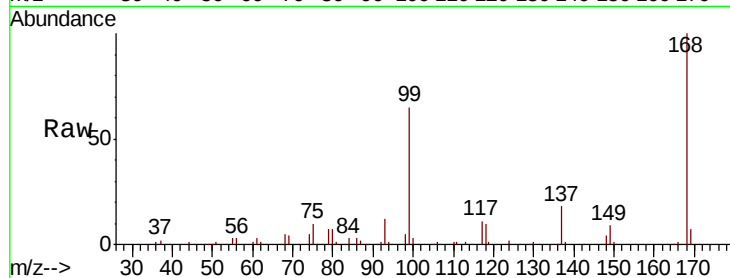
SA-SW-DUP01-20180914

Tot Ion:168 Resp: 100914

Ion Ratio Lower Upper

168 100

99 65.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

50000

40000

30000

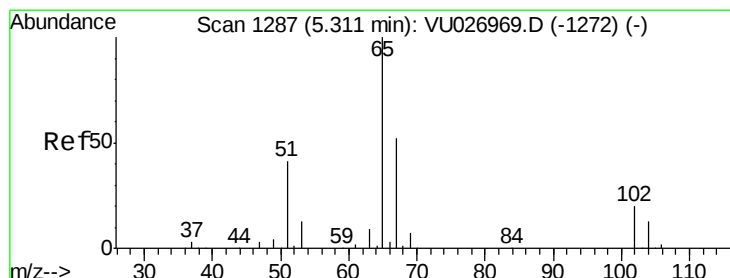
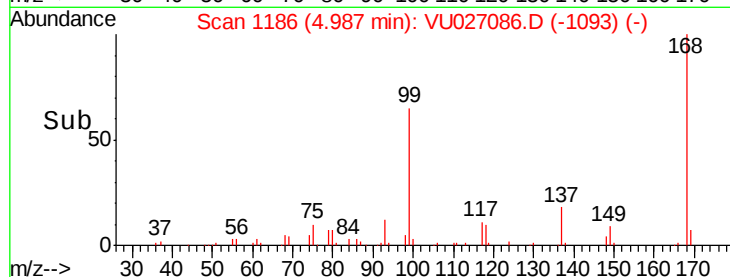
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.433 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027086.D

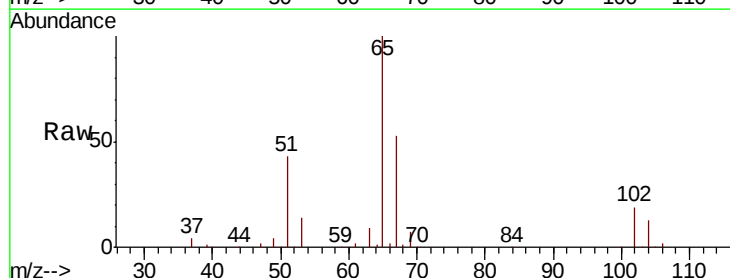
Acq: 23 Sep 2018 20:43

Tgt Ion: 65 Resp: 106494

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

50000

40000

30000

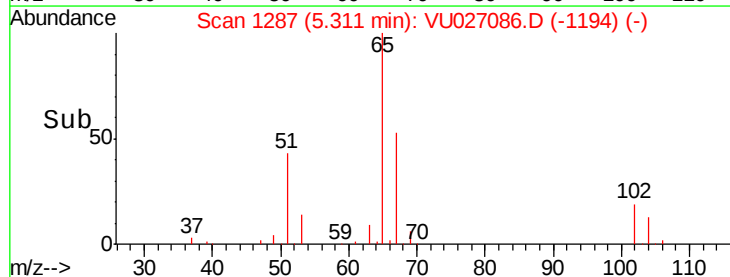
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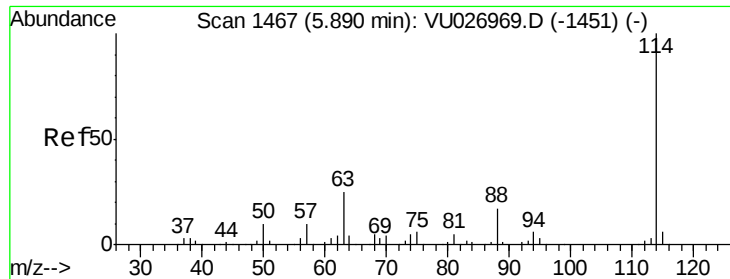
10000

0

5.25 5.30 5.35 5.40

Time-->

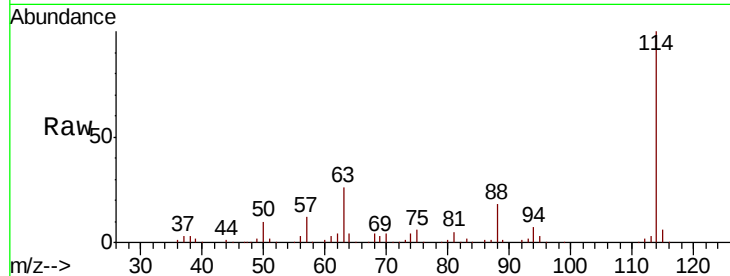




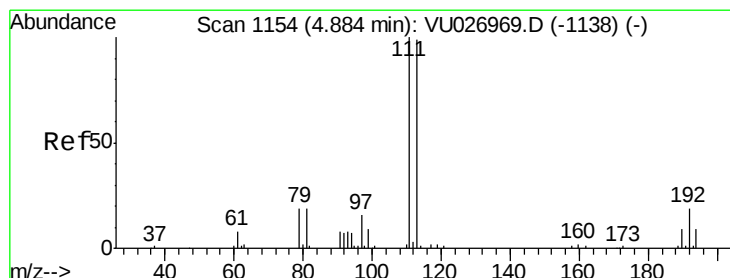
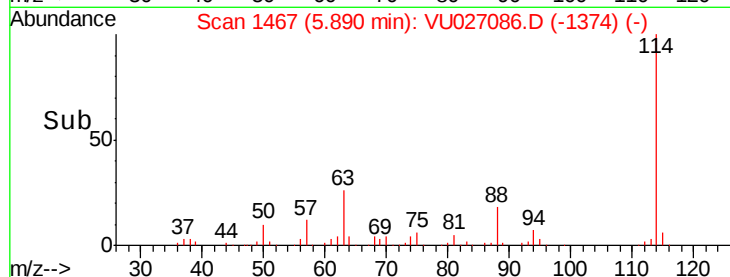
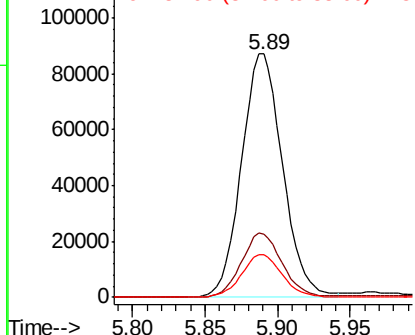
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027086.D
 Acq: 23 Sep 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW-DUP01-20180914

Tot Ion:114 Resp: 171652
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 49.2
 88 17.7 0.0 33.8

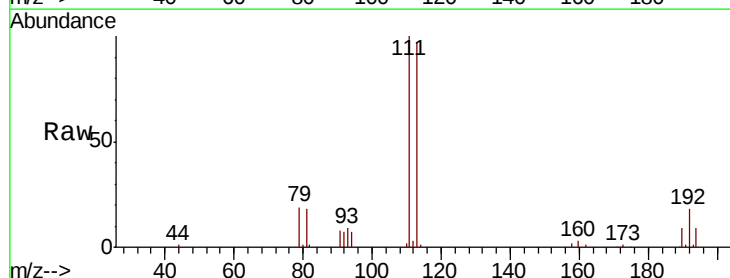


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

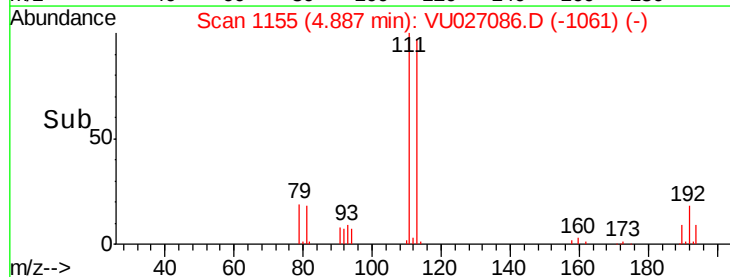
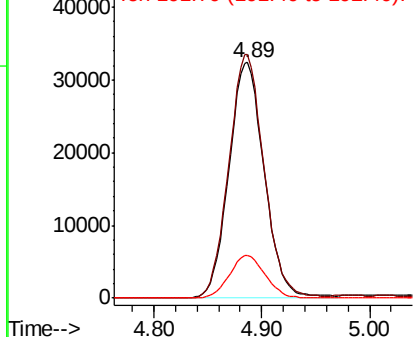


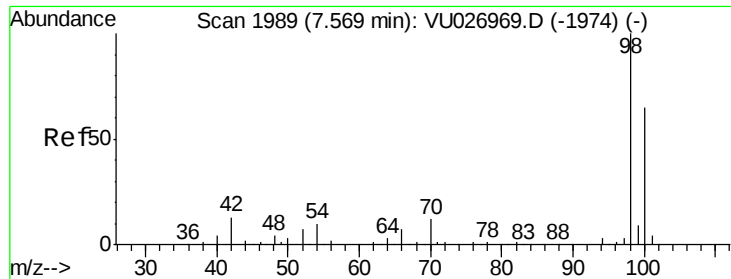
#35
 Dibromofluoromethane
 Concen: 49.803 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027086.D
 Acq: 23 Sep 2018 20:43

Tgt Ion:113 Resp: 74101
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 18.1 15.2 22.8



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: 49.399 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027086.D

Acq: 23 Sep 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

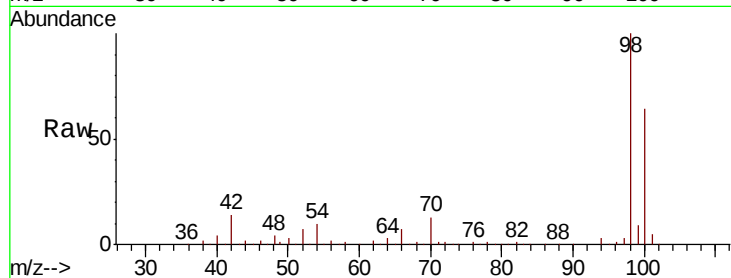
SA-SW-DUP01-20180914

Tot Ion: 98 Resp: 280111

Ion Ratio Lower Upper

98 100

100 63.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

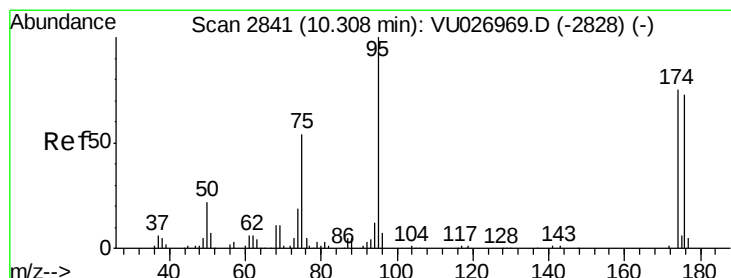
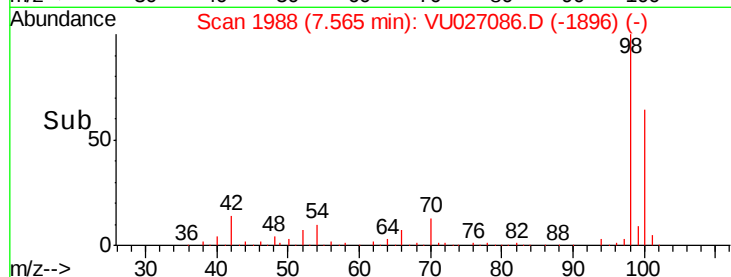
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.476 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027086.D

Acq: 23 Sep 2018 20:43

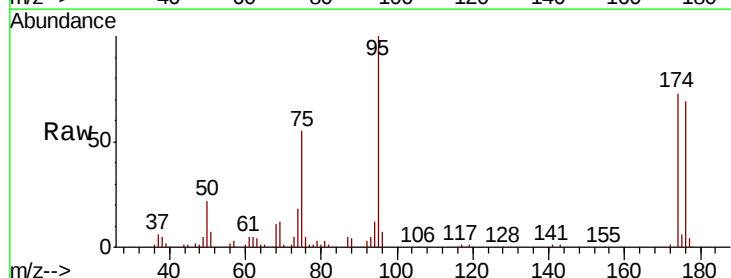
Tgt Ion: 95 Resp: 90428

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.2

176 70.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

10.31

60000

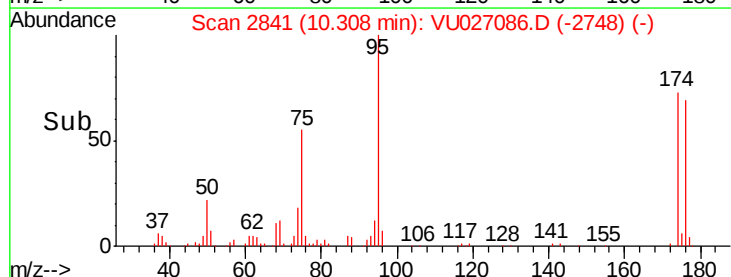
40000

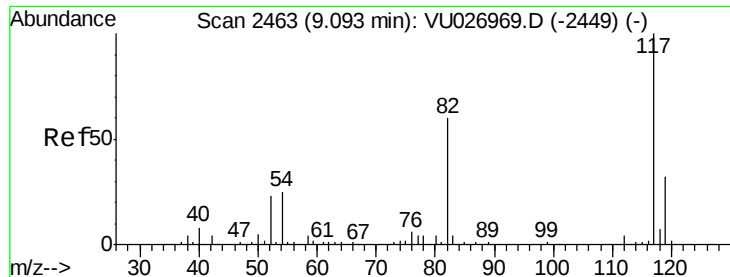
20000

0

10.30 10.40

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027086.D

Acq: 23 Sep 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

SA-SW-DUP01-20180914

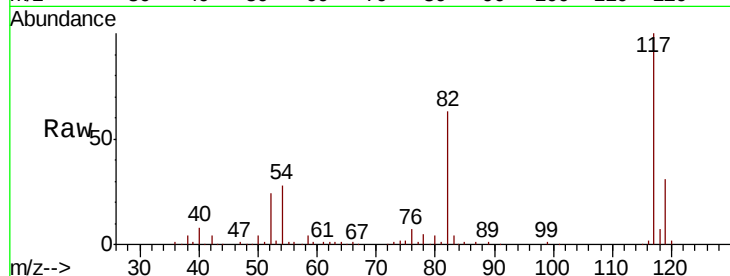
Tot Ion:117 Resp: 166681

Ion Ratio Lower Upper

117 100

82 63.0 48.0 72.0

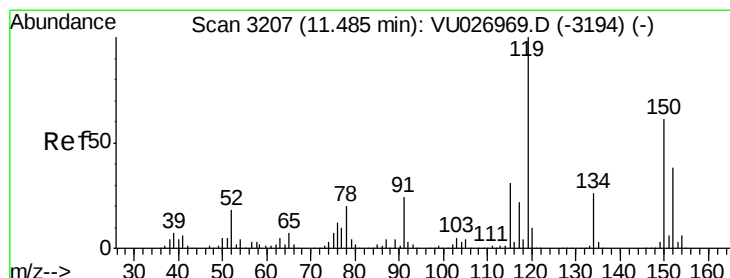
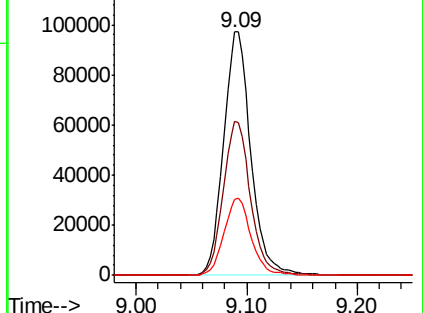
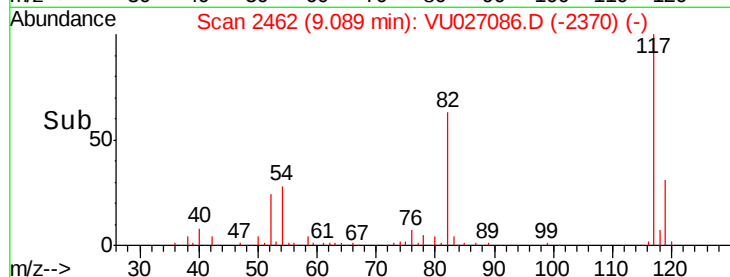
119 31.3 25.8 38.8



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: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027086.D

Acq: 23 Sep 2018 20:43

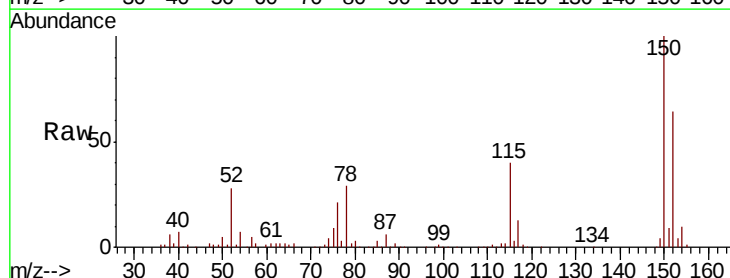
Tgt Ion:152 Resp: 77684

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 157.7 0.0 355.8



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

