

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025084.D
 Acq On : 30 Jun 2018 13:32
 Operator : MD/SY
 Sample : J3707-22DL 5X
 Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-23-25-180622DL

Quant Time: Jul 02 06:41:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

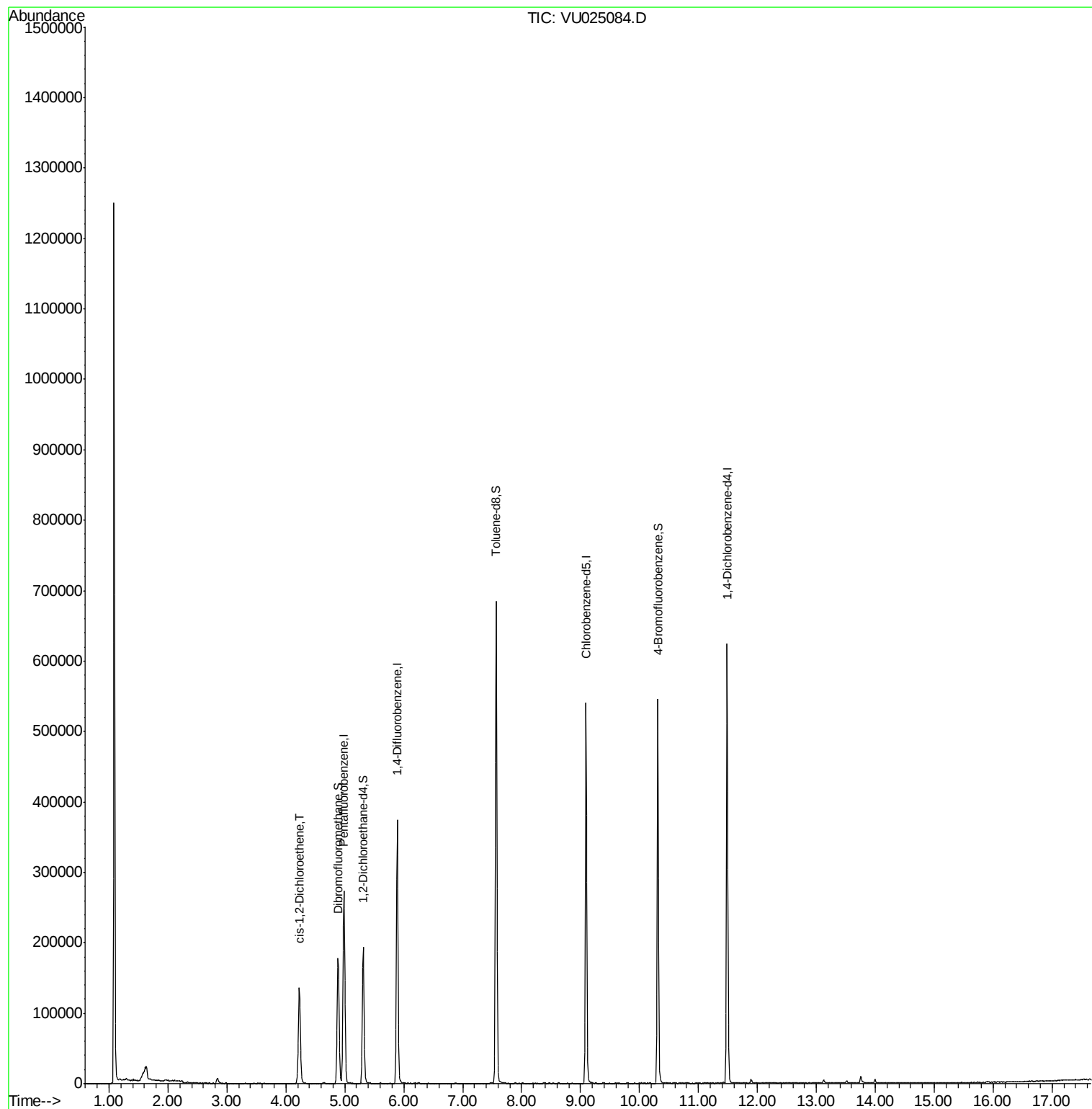
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	211074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314309	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157018	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
35) Dibromofluoromethane	4.89	113	121361	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
50) Toluene-d8	7.57	98	451396	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	10.31	95	172684	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	76074	25.00	ug/l	Qvalue 88

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025084.D

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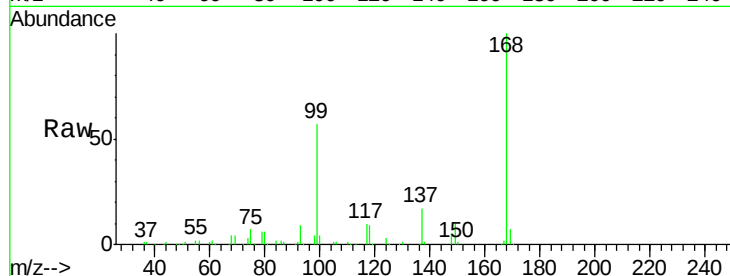
WP021SB489-23-25-180622DL

Tot Ion:168 Resp: 211074

Ion Ratio Lower Upper

168 100

99 56.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

100000

80000

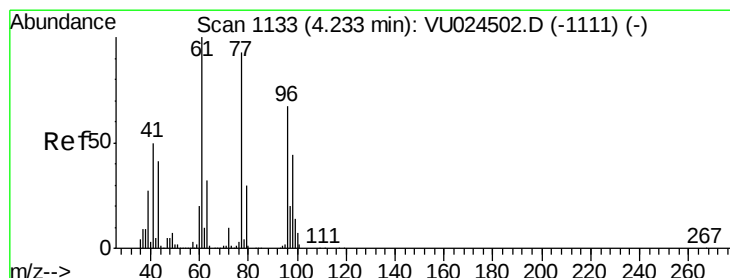
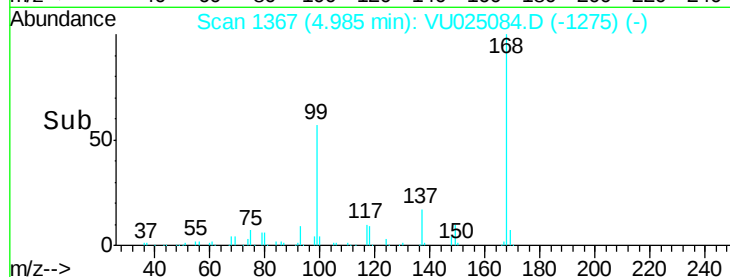
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 25.00 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025084.D

Acq: 30 Jun 2018 13:32

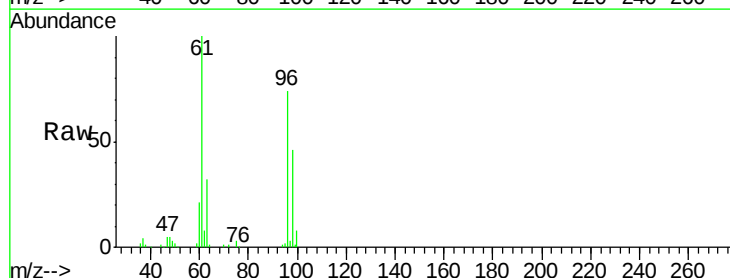
Tgt Ion: 96 Resp: 76074

Ion Ratio Lower Upper

96 100

61 131.7 0.0 306.6

98 63.2 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU024502.D (-1111) (-)

Ion 60.90 (60.60 to 61.60): VU024502.D (-1111) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-1111) (-)

4.23

50000

40000

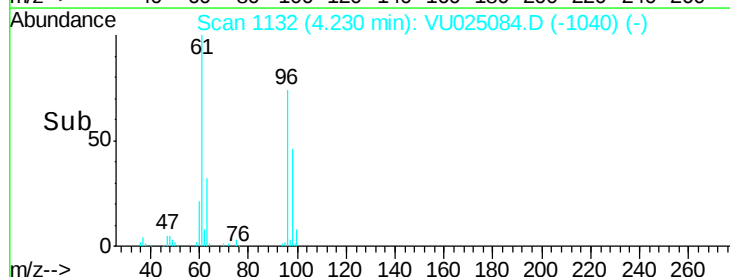
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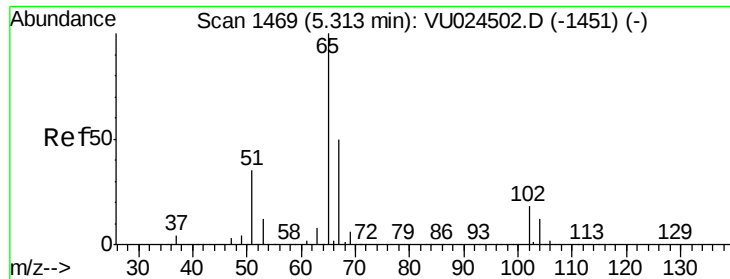
20000

10000

0

Time-->

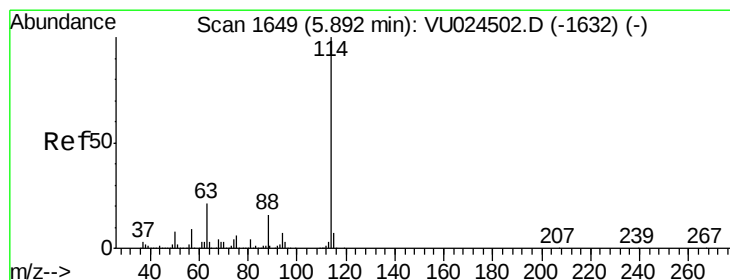
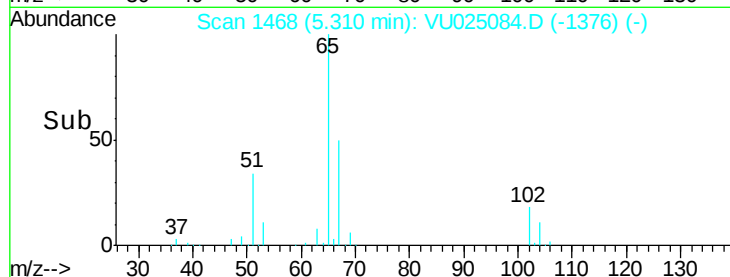
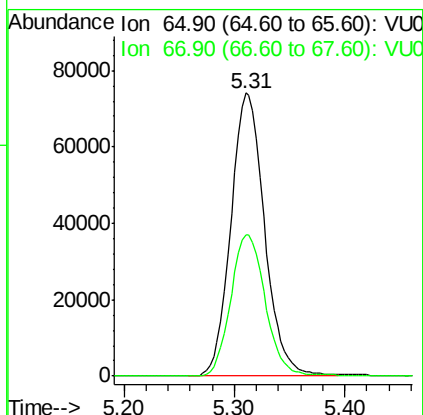
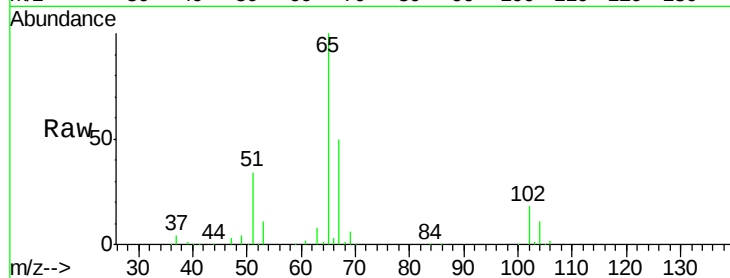




#33
 1,2-Dichloroethane-d4
 Concen: 45.57 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025084.D
 Acq: 30 Jun 2018 13:32

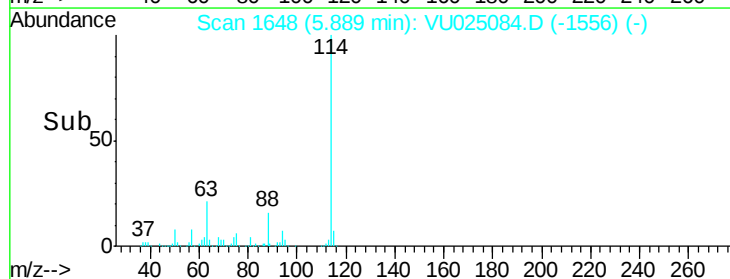
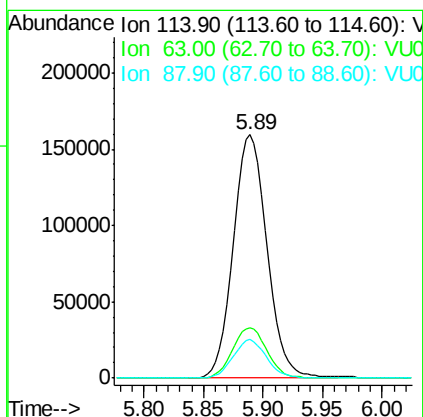
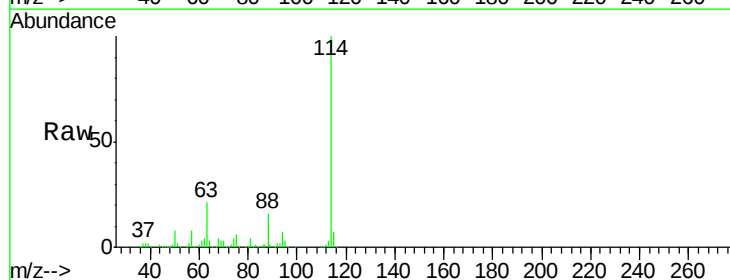
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-23-25-180622DL

Tot Ion: 65 Resp: 157018
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025084.D
 Acq: 30 Jun 2018 13:32

Tgt Ion: 114 Resp: 314309
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 15.8 0.0 31.0

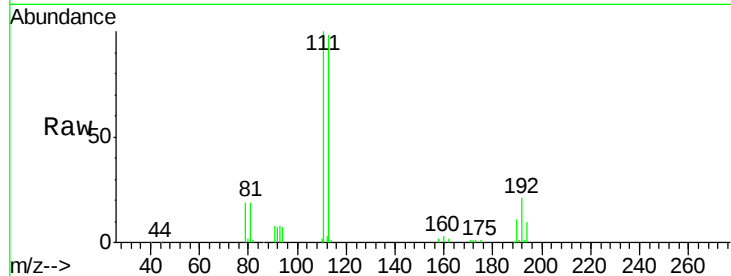




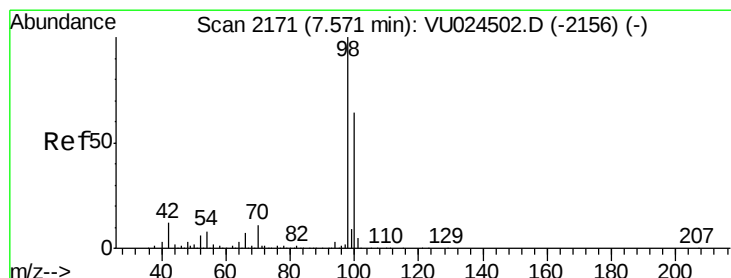
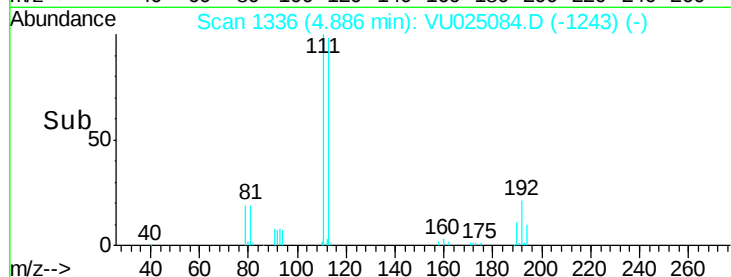
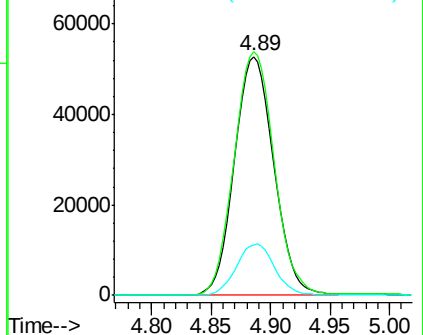
#35
Dibromofluoromethane
Concen: 46.52 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025084.D
Acq: 30 Jun 2018 13:32

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-23-25-180622DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	21.0	16.2	24.4

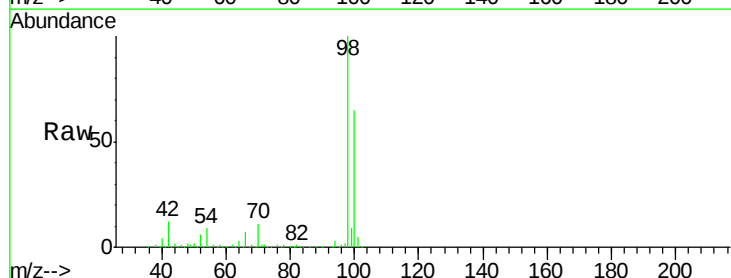


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

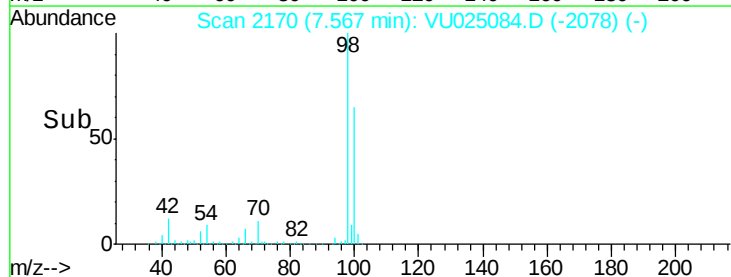
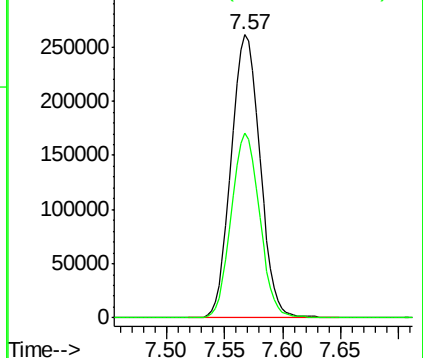


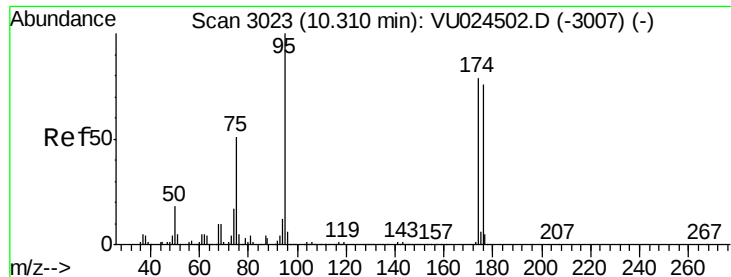
#50
Toluene-d8
Concen: 47.44 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025084.D
Acq: 30 Jun 2018 13:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.71 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025084.D

Acq: 30 Jun 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-23-25-180622DL

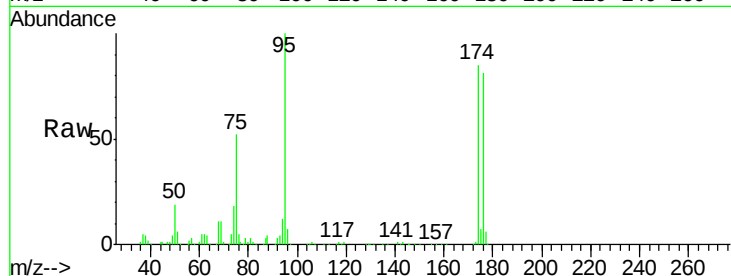
Tot Ion: 95 Resp: 172684

Ion Ratio Lower Upper

95 100

174 86.6 0.0 165.8

176 82.2 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

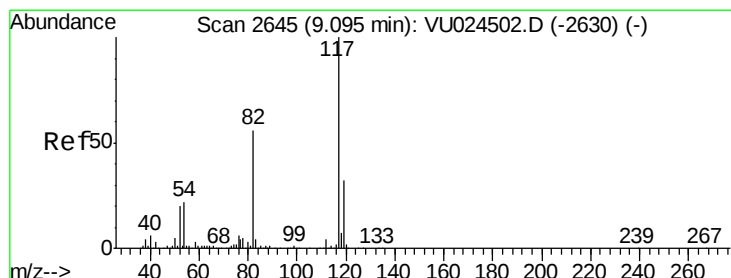
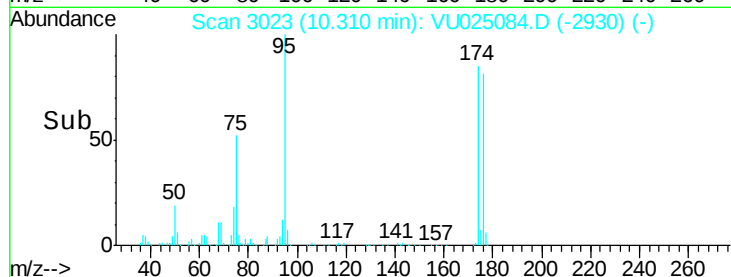
10.31

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU025084.D

Acq: 30 Jun 2018 13:32

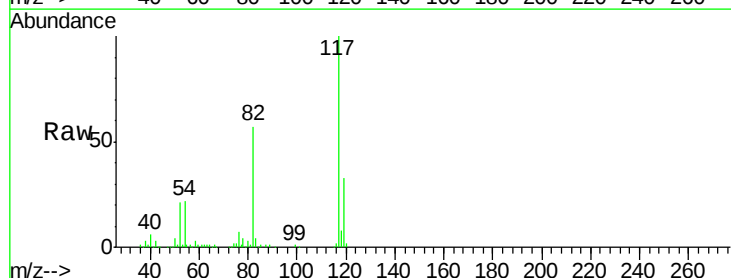
Tgt Ion: 117 Resp: 288935

Ion Ratio Lower Upper

117 100

82 57.2 44.3 66.5

119 32.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)

9.09

200000

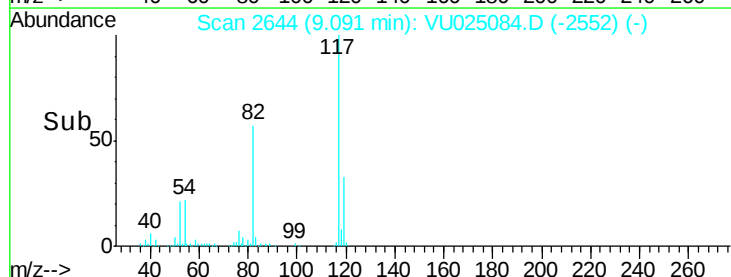
150000

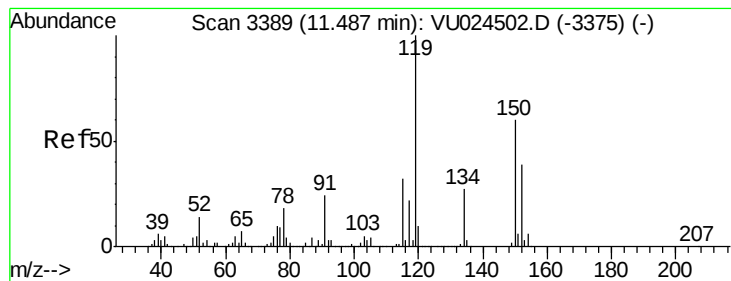
100000

50000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025084.D

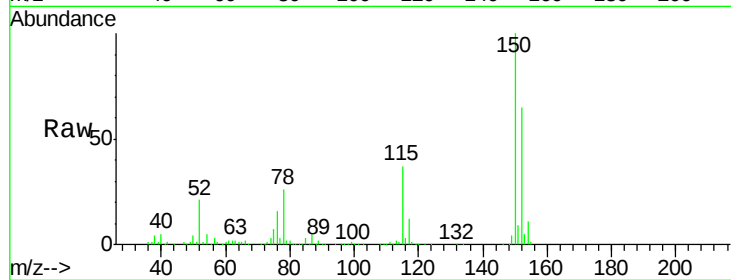
Acq: 30 Jun 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-23-25-180622DL



Tot Ion:152 Resp: 163875

Ion Ratio Lower Upper

152 100

115 57.6 43.0 129.0

150 155.2 0.0 354.0

