

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027589.D
 Acq On : 11 Oct 2018 11:24
 Operator : MD/SY
 Sample : VU1011WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBL01

Quant Time: Oct 11 17:06:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:41:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	132166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	218377	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	80964	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	101334	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	4.88	113	73536	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	7.57	98	273551	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	10.31	95	89484	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	

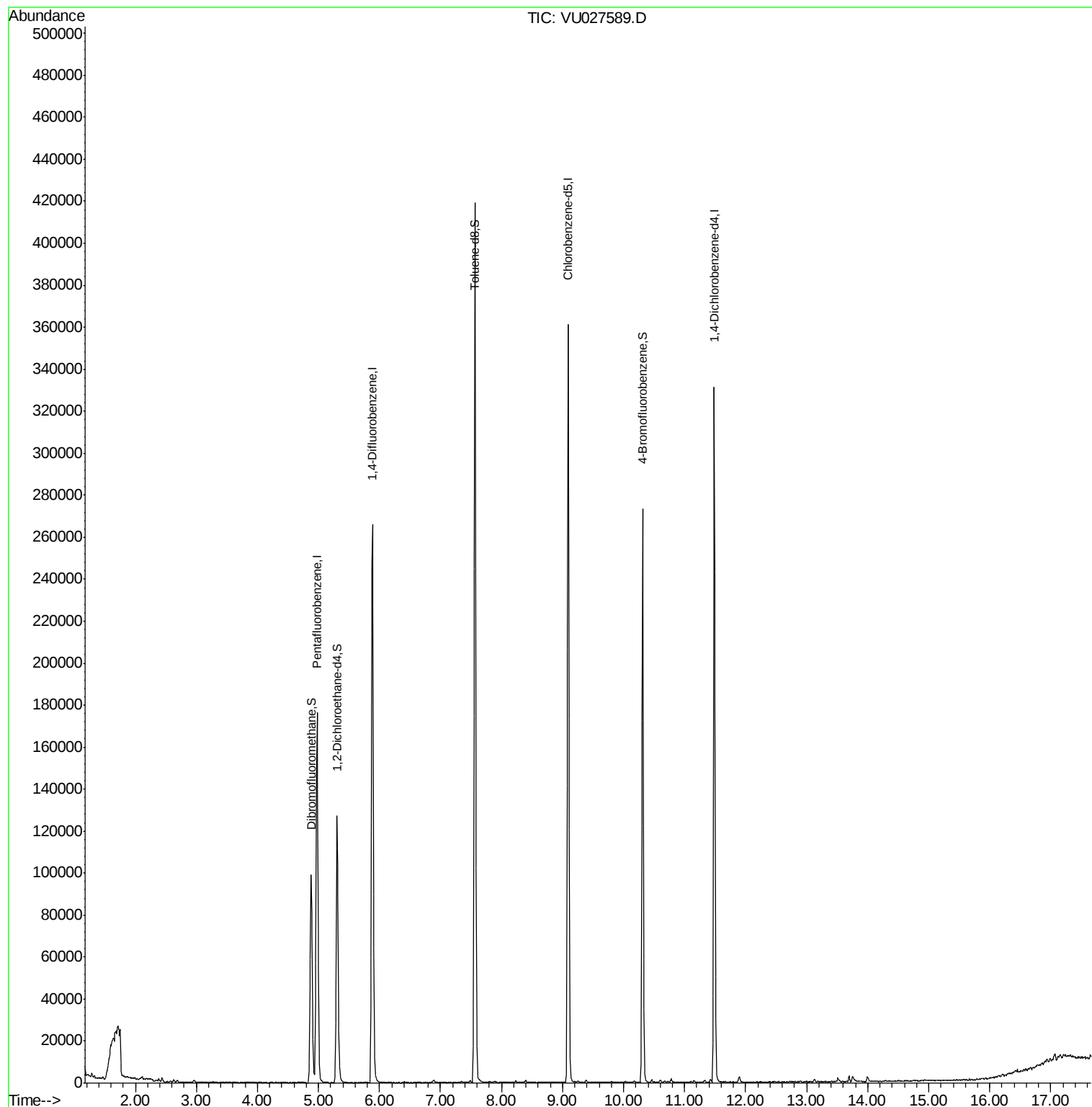
Target Compounds	Qvalue

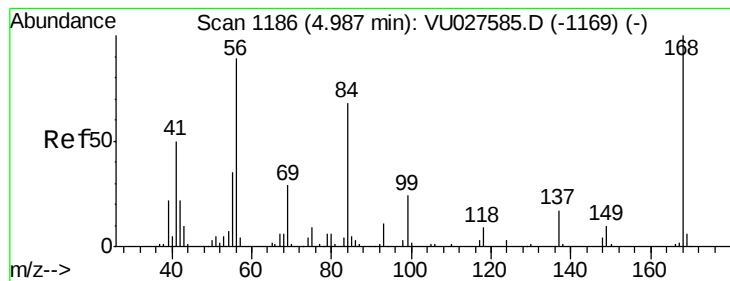
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VU027589.D

Acq: 11 Oct 2018 11:24

Instrument :

MSVOA_U

ClientSampleId :

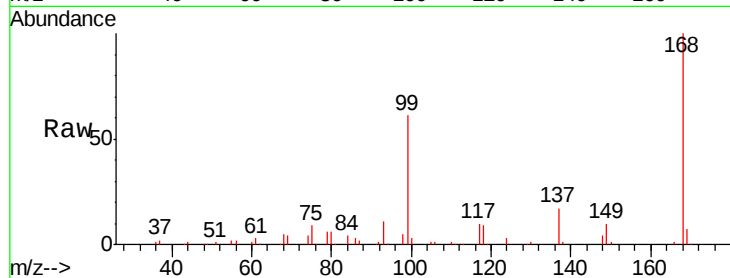
VU1011WBL01

Tgt Ion: 168 Resp: 132166

Ion Ratio Lower Upper

168 100

99 60.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027585.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027589.D (-1093) (-)

4.98

60000

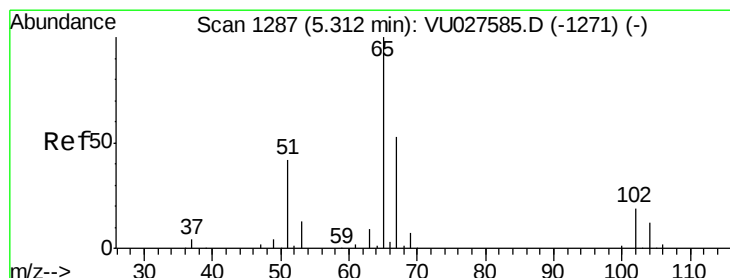
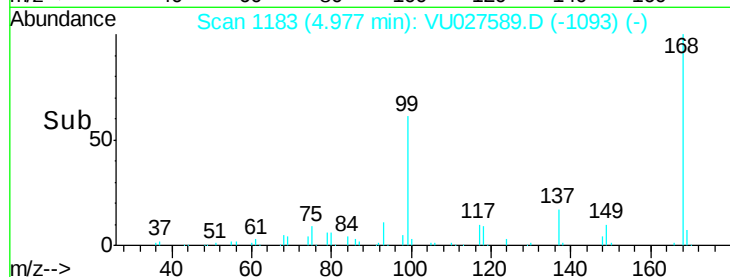
40000

20000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.53 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. -0.01 min

Lab File: VU027589.D

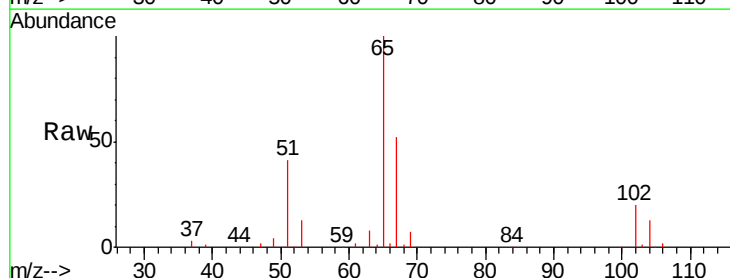
Acq: 11 Oct 2018 11:24

Tgt Ion: 65 Resp: 101334

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027585.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027589.D (-1194) (-)

5.31

50000

40000

30000

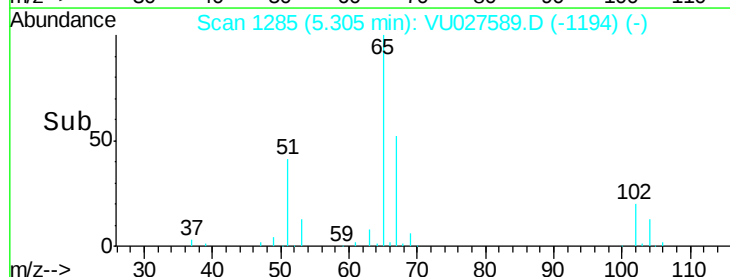
20000

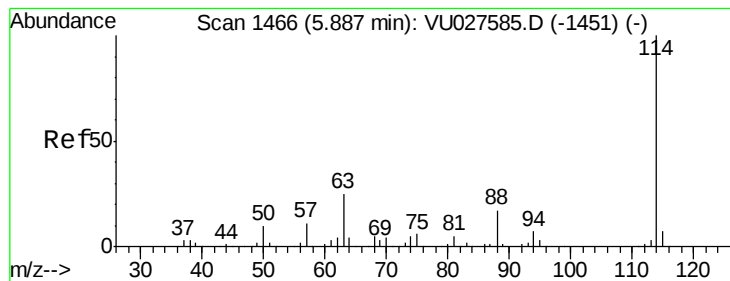
10000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU027589.D

Acq: 11 Oct 2018 11:24

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBL01

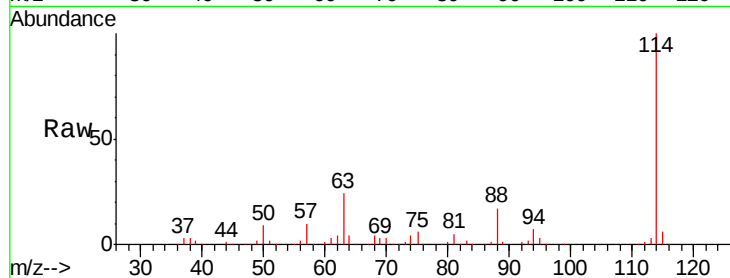
Tgt Ion:114 Resp: 218377

Ion Ratio Lower Upper

114 100

63 24.0 0.0 50.2

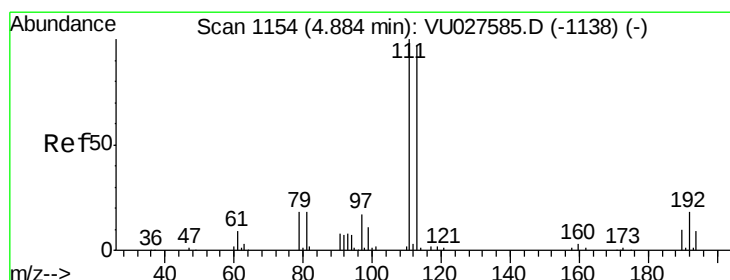
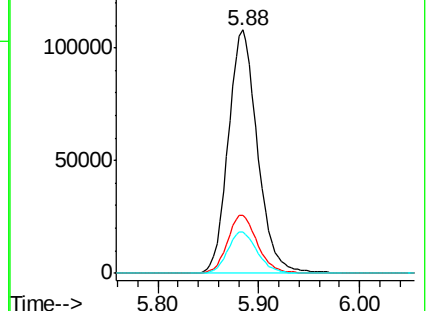
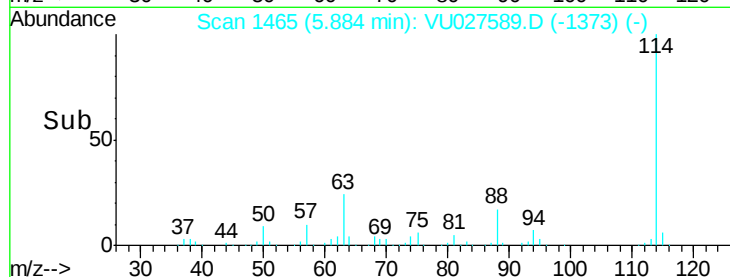
88 17.0 0.0 33.8



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: 50.90 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU027589.D

Acq: 11 Oct 2018 11:24

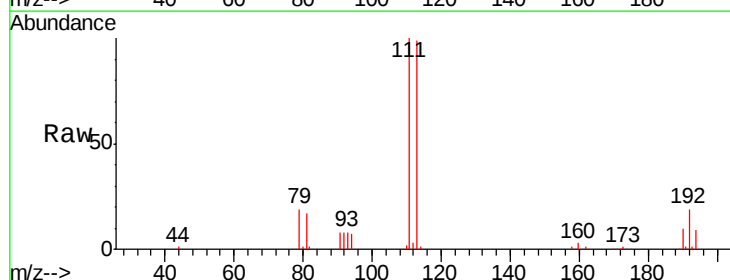
Tgt Ion:113 Resp: 73536

Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

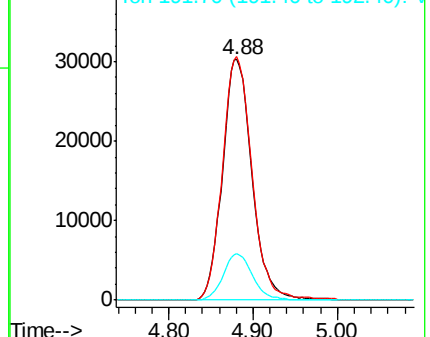
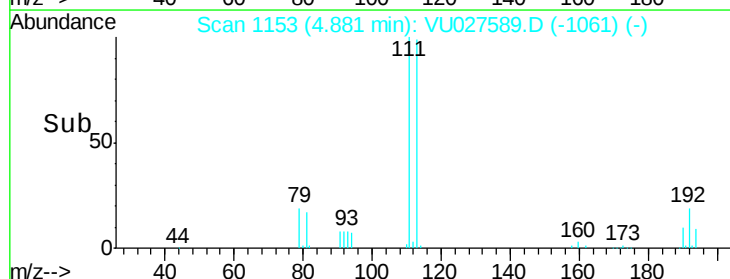
192 19.1 15.4 23.0

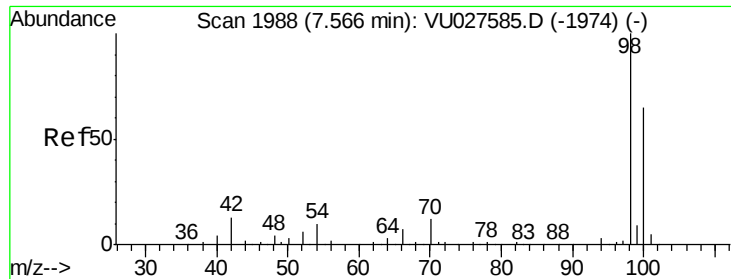


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.72 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027589.D

Acq: 11 Oct 2018 11:24

Instrument :

MSVOA_U

ClientSampleId :

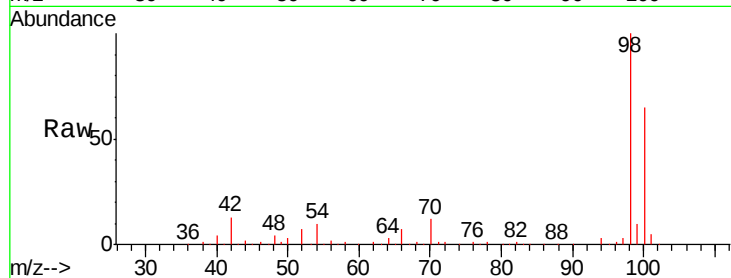
VU1011WBL01

Tgt Ion: 98 Resp: 27351

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027585.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027585.D (-1974) (-)

7.57

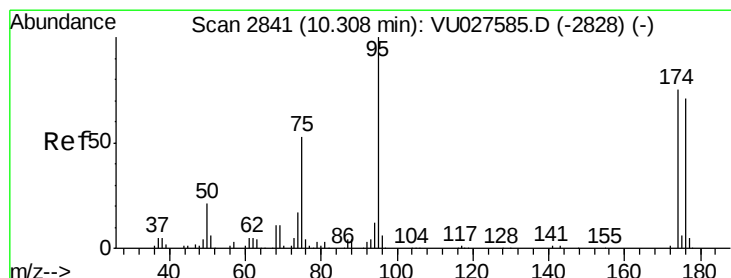
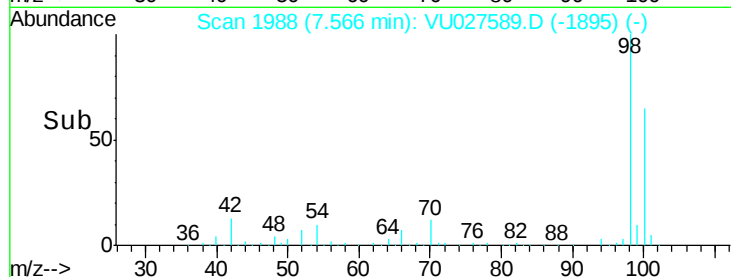
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.09 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027589.D

Acq: 11 Oct 2018 11:24

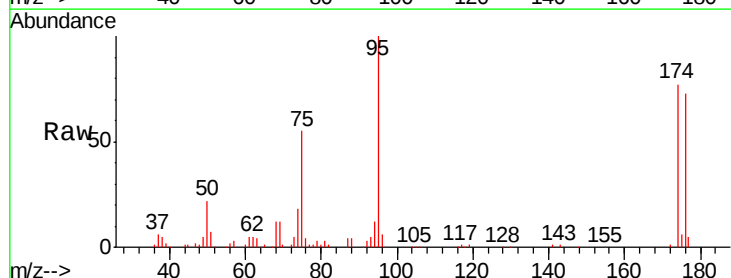
Tgt Ion: 95 Resp: 89484

Ion Ratio Lower Upper

95 100

174 76.8 0.0 147.8

176 72.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027585.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027585.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027585.D (-2828) (-)

10.31

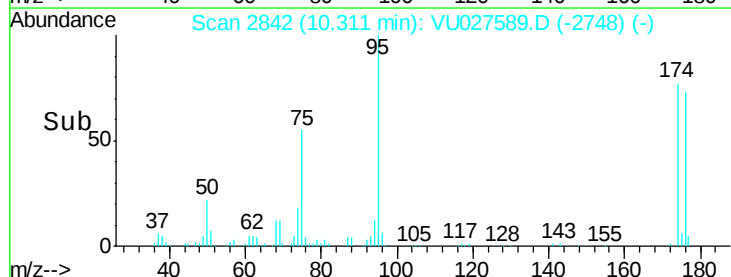
60000

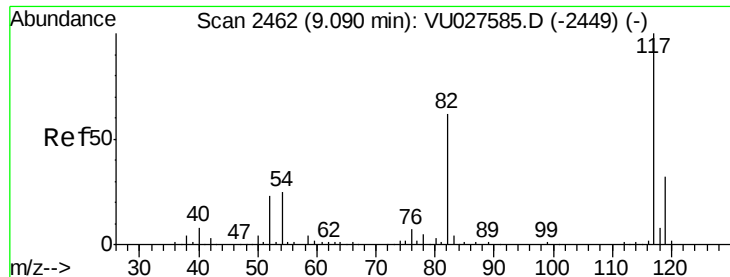
40000

20000

0

Time-->

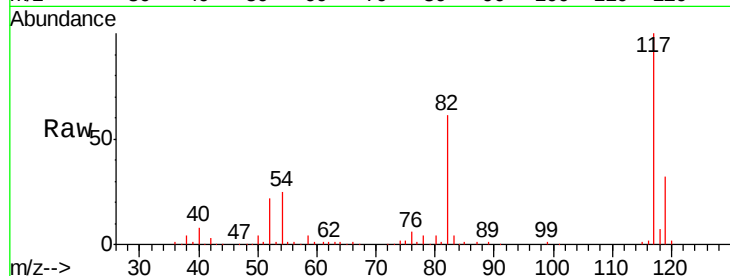




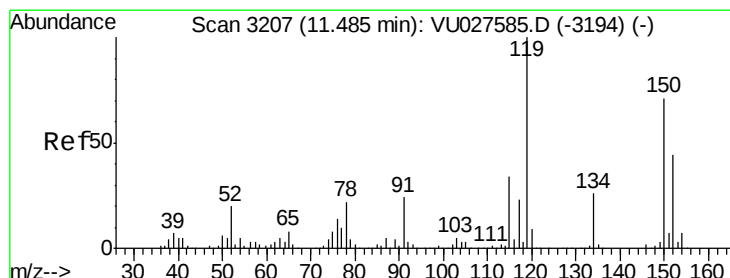
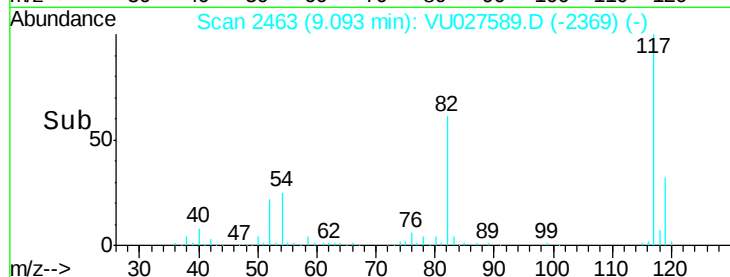
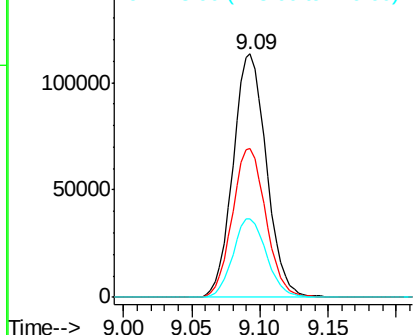
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027589.D
Acq: 11 Oct 2018 11:24

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBL01

Tgt Ion:117 Resp: 192891
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 32.5 25.7 38.5

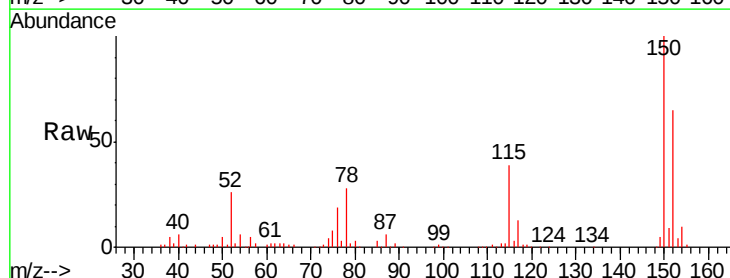


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3208
Delta R.T. 0.00 min
Lab File: VU027589.D
Acq: 11 Oct 2018 11:24

Tgt Ion:152 Resp: 80964
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.2
150 155.4 0.0 349.2



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

