

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028740.D
 Acq On : 17 Dec 2018 23:57
 Operator : MD/SY
 Sample : J6413-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 18 07:33:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	83100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	146046	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	132270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50499	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	66343	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	4.88	113	50005	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
50) Toluene-d8	7.56	98	190765	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	10.31	95	62038	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

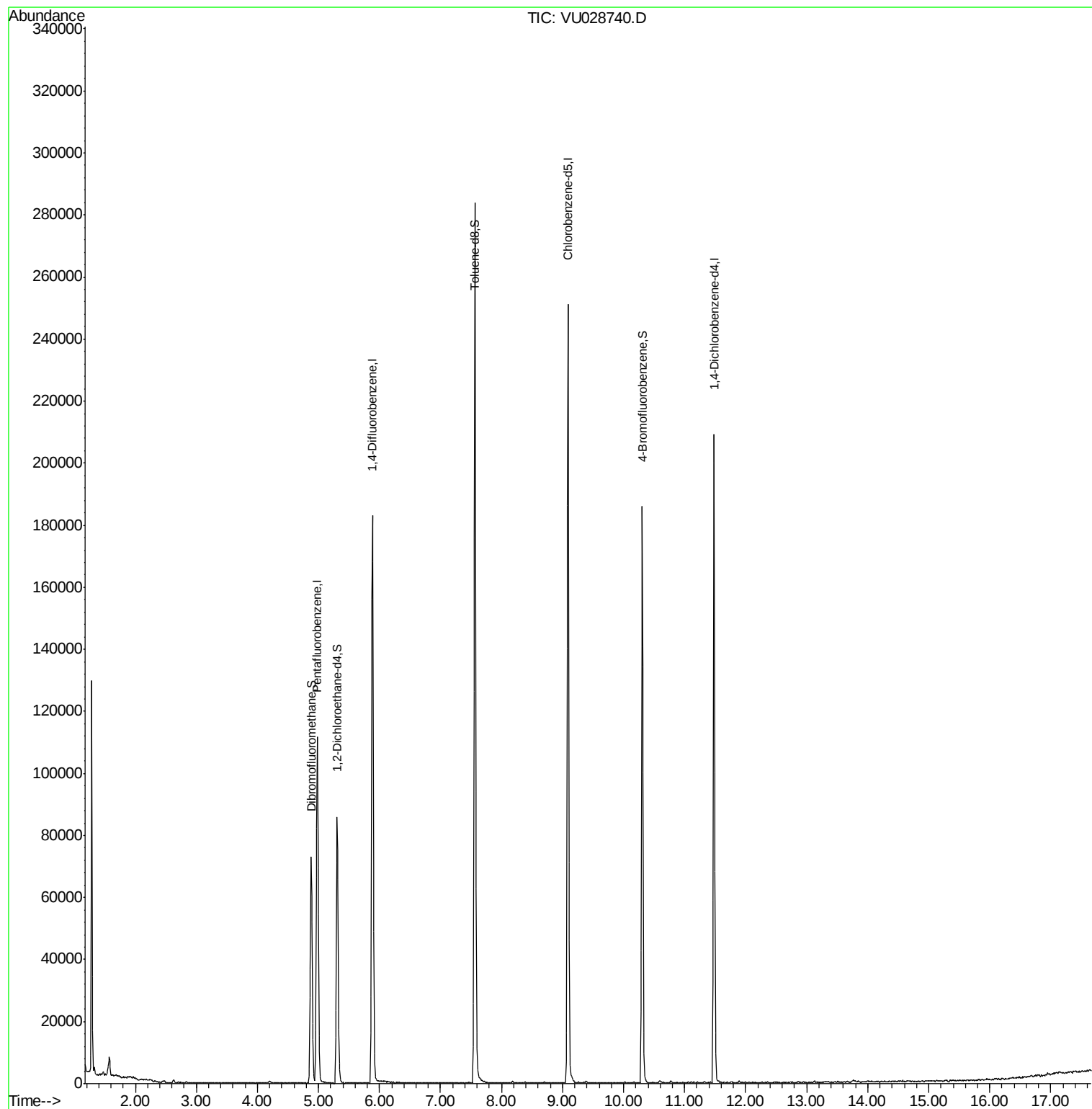
Target Compounds	Qvalue

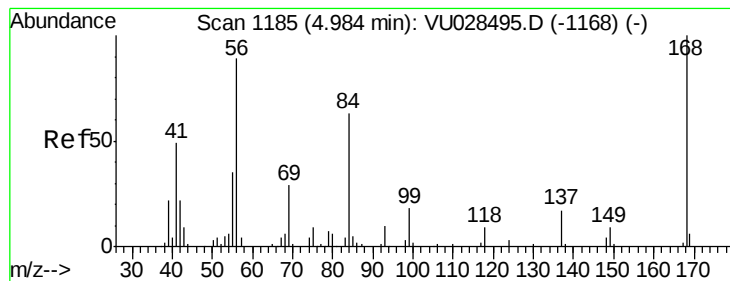
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028740.D

Acq: 17 Dec 2018 23:57

Instrument :

MSVOA_U

ClientSampleId :

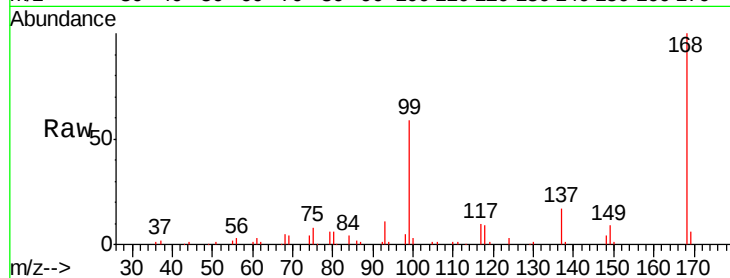
TRIP-BLANK

Tgt Ion:168 Resp: 83100

Ion Ratio Lower Upper

168 100

99 58.7 46.6 69.8



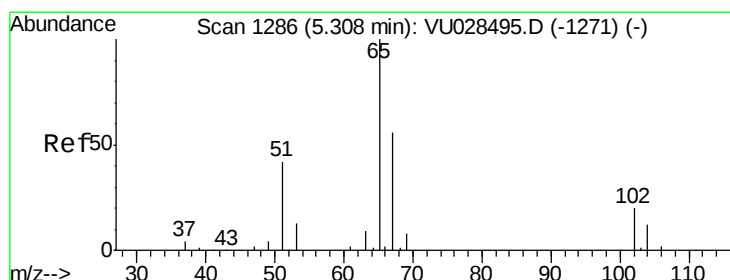
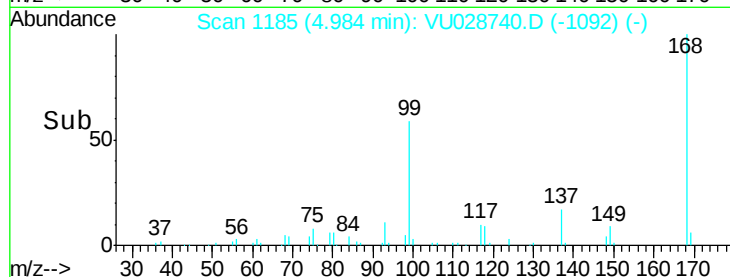
Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028740.D (-1092) (-)

4.98

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.314 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028740.D

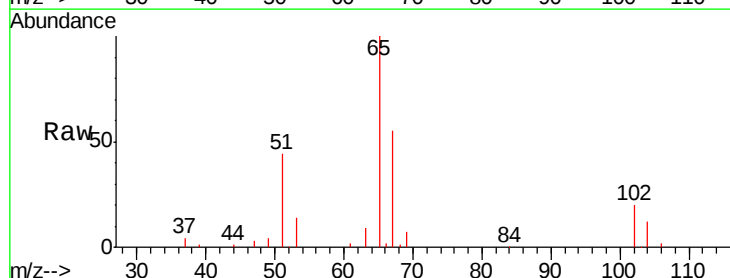
Acq: 17 Dec 2018 23:57

Tgt Ion: 65 Resp: 66343

Ion Ratio Lower Upper

65 100

67 55.9 0.0 110.6



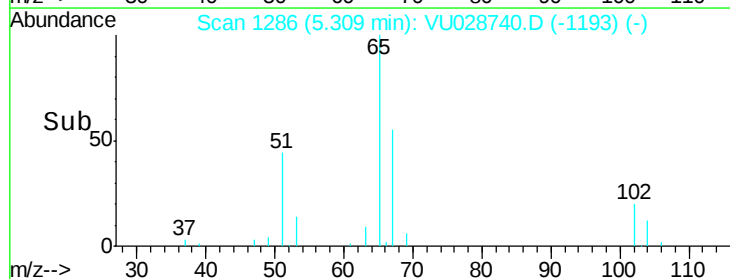
Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028740.D (-1193) (-)

5.31

5.20 5.25 5.30 5.35 5.40

Time-->

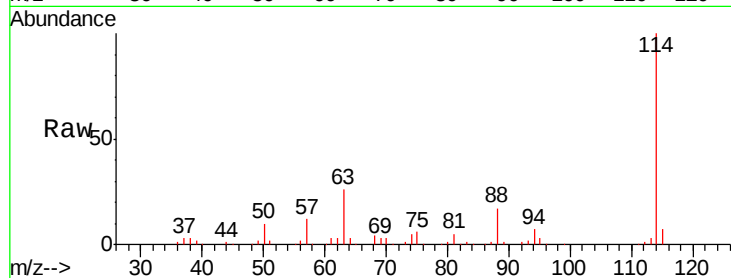




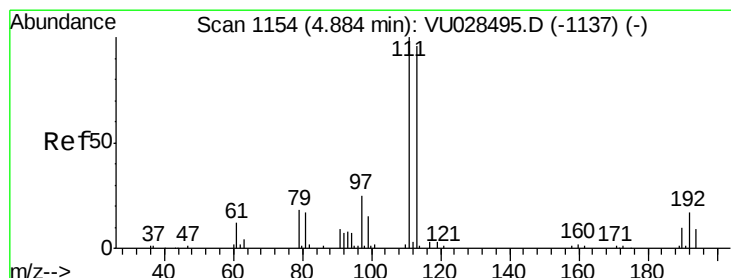
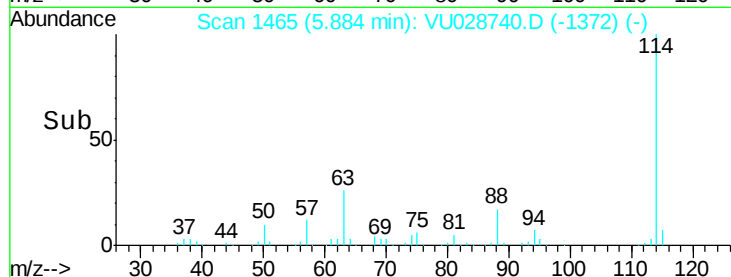
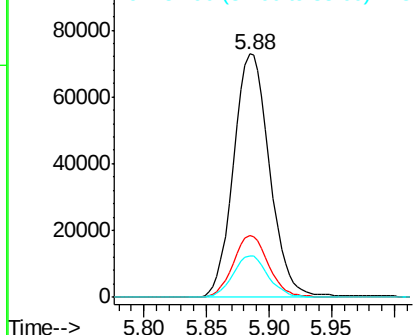
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028740.D
 Acq: 17 Dec 2018 23:57

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Tgt Ion:114 Resp: 146046
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.2 0.0 33.4

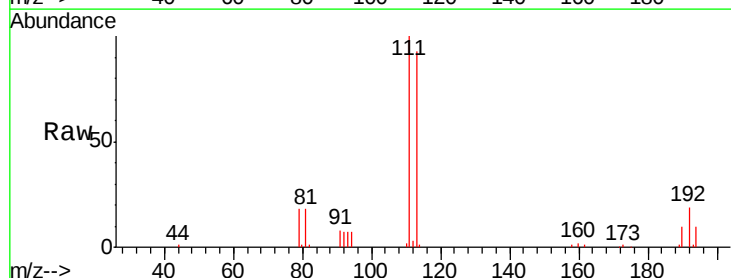


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

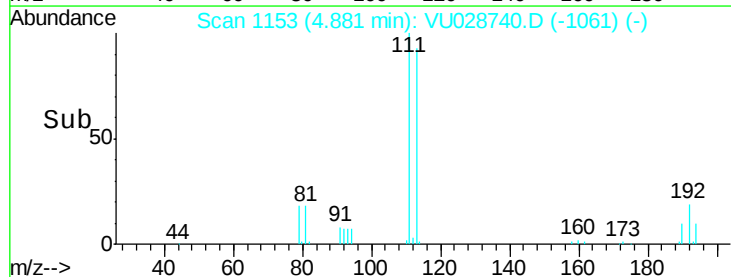
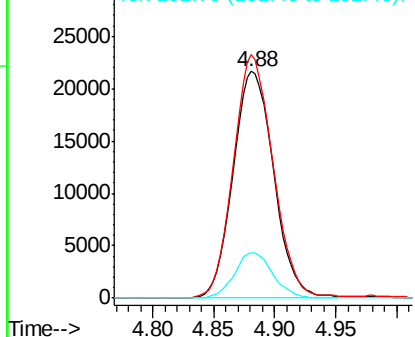


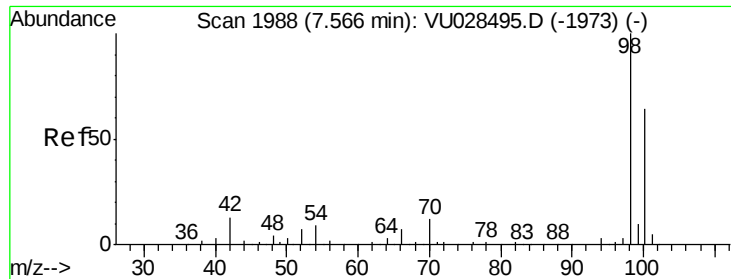
#35
 Dibromofluoromethane
 Concen: 54.408 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028740.D
 Acq: 17 Dec 2018 23:57

Tgt Ion:113 Resp: 50005
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.4 125.0
 192 18.7 14.8 22.2



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: 52.470 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028740.D

Acq: 17 Dec 2018 23:57

Instrument :

MSVOA_U

ClientSampleId :

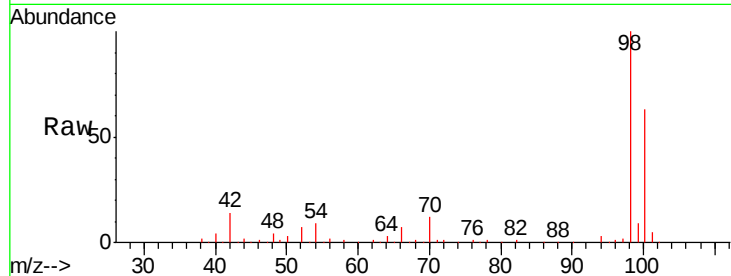
TRIP-BLANK

Tgt Ion: 98 Resp: 190765

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

120000

100000

80000

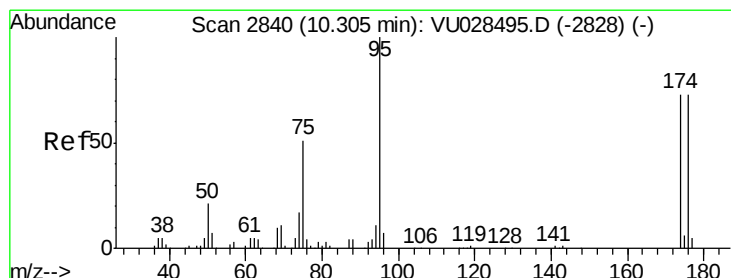
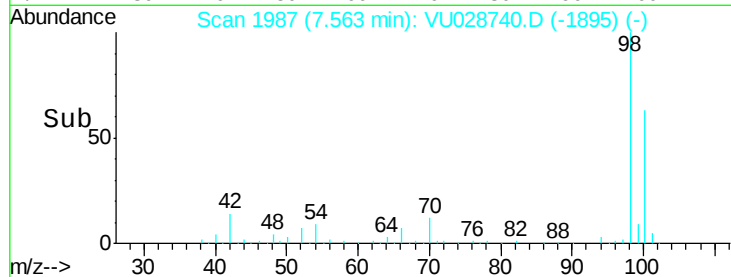
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.653 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028740.D

Acq: 17 Dec 2018 23:57

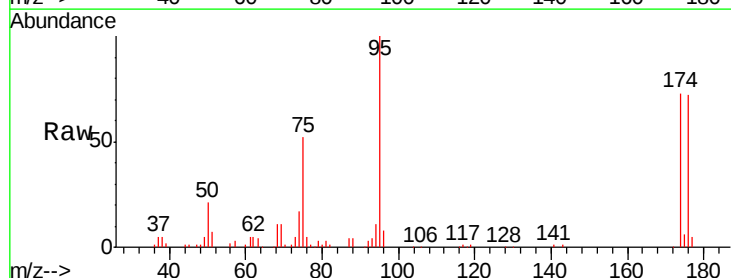
Tgt Ion: 95 Resp: 62038

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.4

176 72.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.31

50000

40000

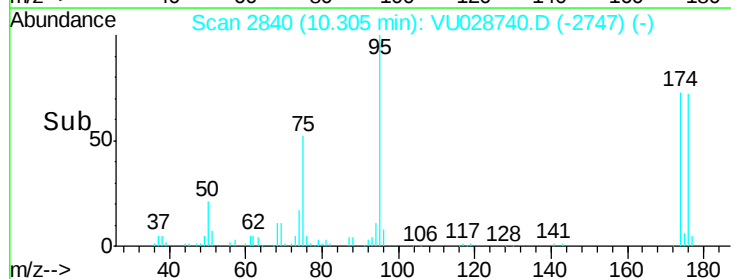
30000

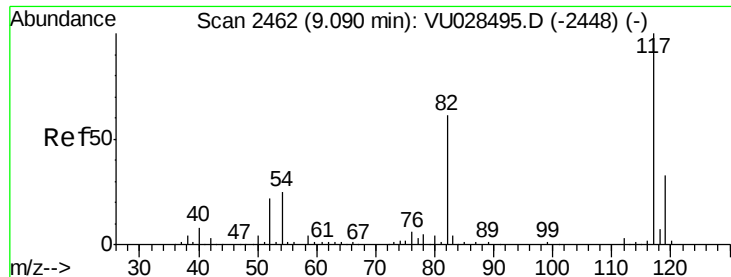
20000

10000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028740.D

Acq: 17 Dec 2018 23:57

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

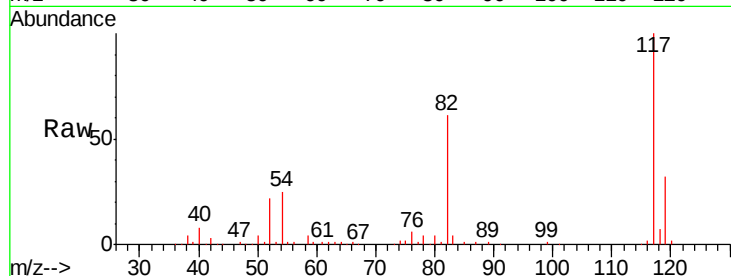
Tgt Ion:117 Resp: 132270

Ion Ratio Lower Upper

117 100

82 60.8 48.9 73.3

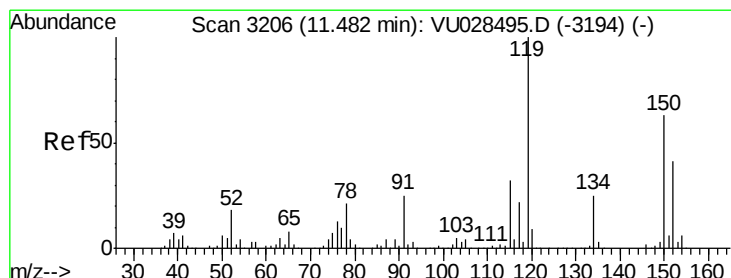
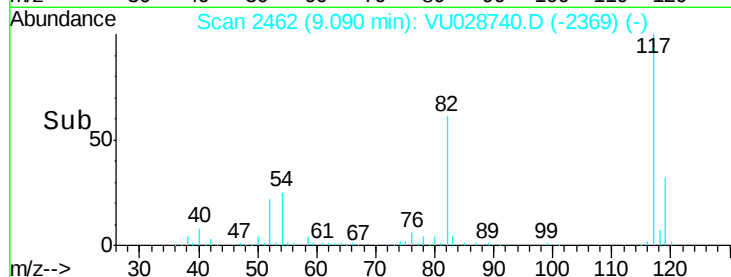
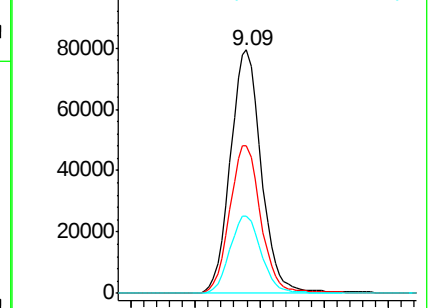
119 32.0 26.2 39.4



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# 3206

Delta R.T. 0.00 min

Lab File: VU028740.D

Acq: 17 Dec 2018 23:57

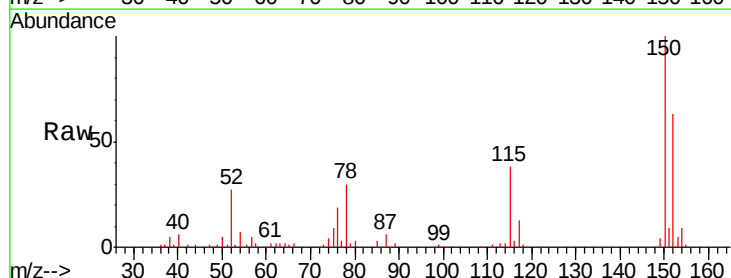
Tgt Ion:152 Resp: 50499

Ion Ratio Lower Upper

152 100

115 61.0 42.7 128.1

150 159.1 0.0 346.0



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

