

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028756.D
 Acq On : 18 Dec 2018 06:24
 Operator : MD/SY
 Sample : J6438-20 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 23690

Quant Time: Dec 18 09:04:36 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	83509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	148087	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51847	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	67462	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	4.88	113	49690	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	7.56	98	190174	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	10.30	95	62954	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

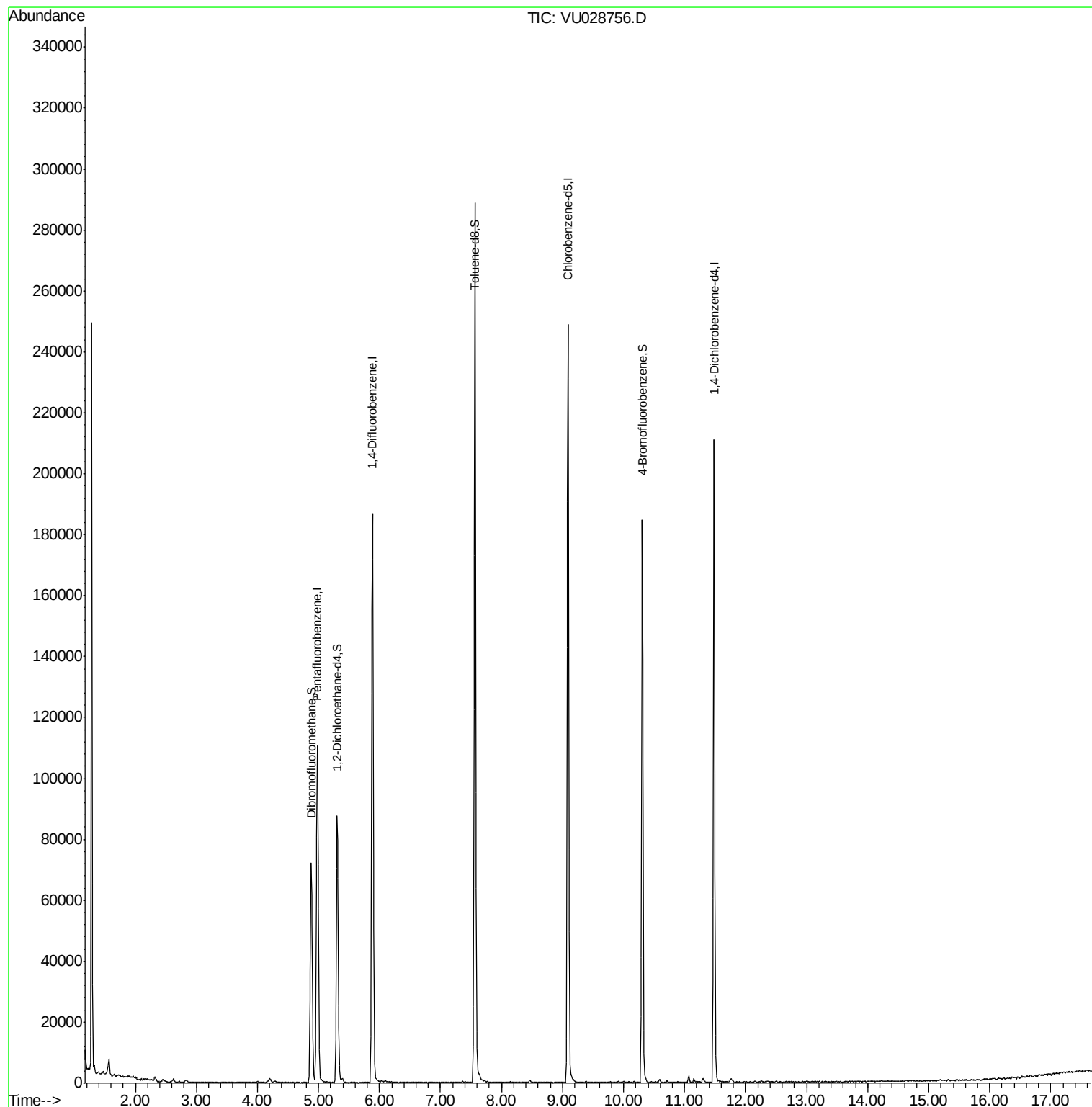
Target Compounds	Qvalue
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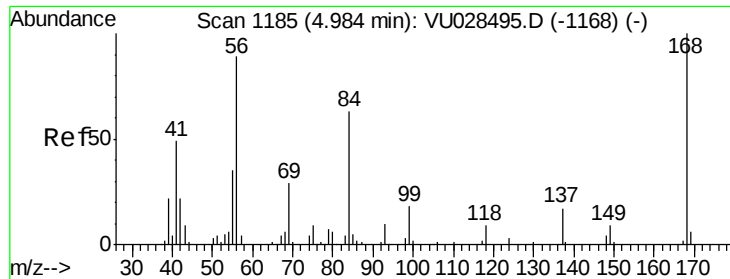
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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23690

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028756.D

Acq: 18 Dec 2018 06:24

Instrument :

MSVOA_U

ClientSampleId :

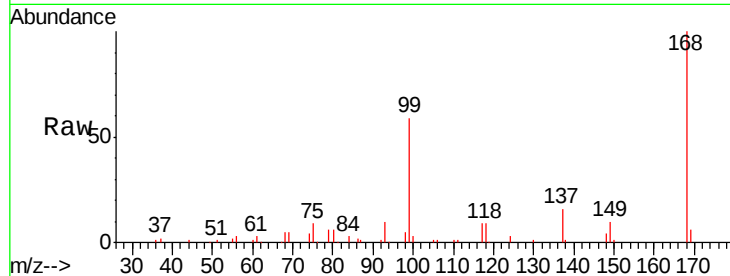
23690

Tgt Ion:168 Resp: 83509

Ion Ratio Lower Upper

168 100

99 59.4 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

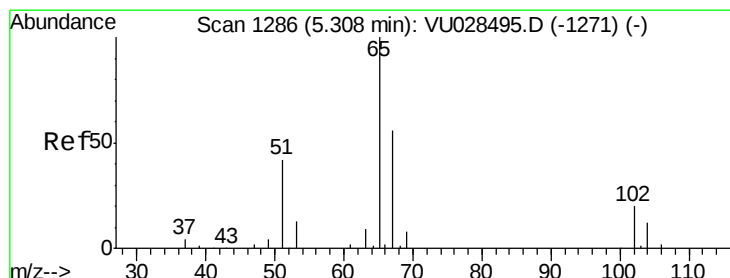
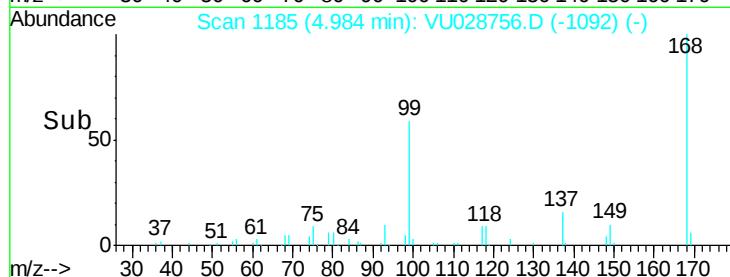
20000

10000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 52.936 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028756.D

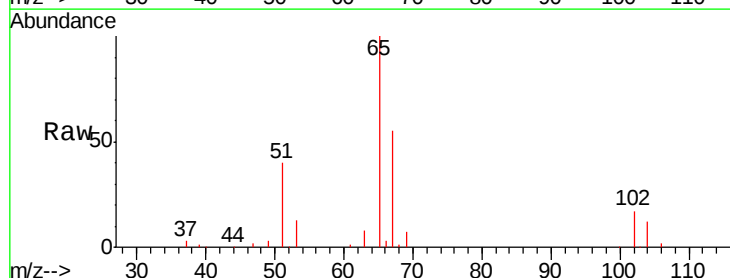
Acq: 18 Dec 2018 06:24

Tgt Ion: 65 Resp: 67462

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.6



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

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

30000

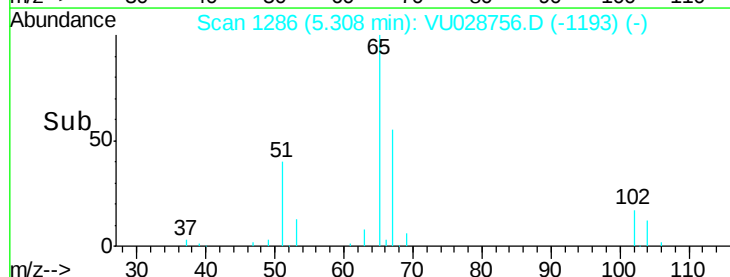
20000

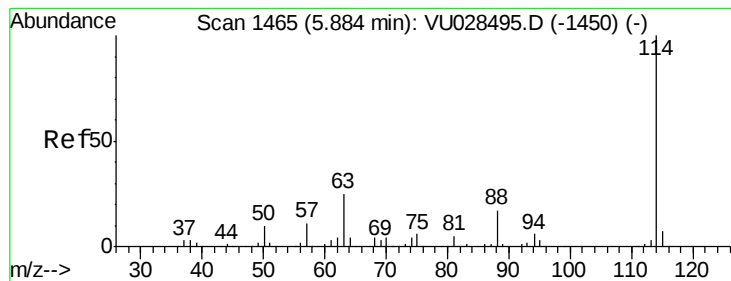
10000

0

Time-->

5.20 5.25 5.30 5.35 5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028756.D

Acq: 18 Dec 2018 06:24

Instrument :

MSVOA_U

ClientSampleId :

23690

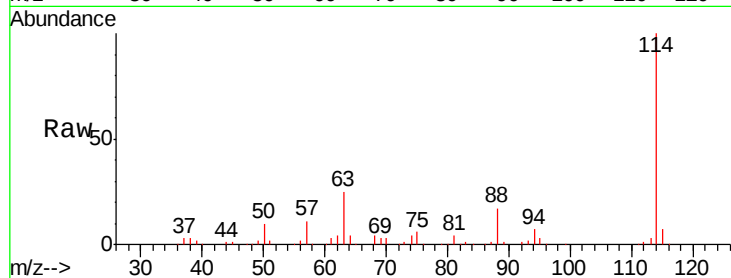
Tgt Ion:114 Resp: 148087

Ion Ratio Lower Upper

114 100

63 25.2 0.0 49.2

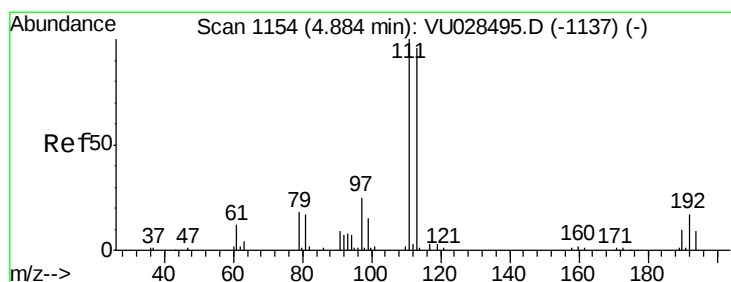
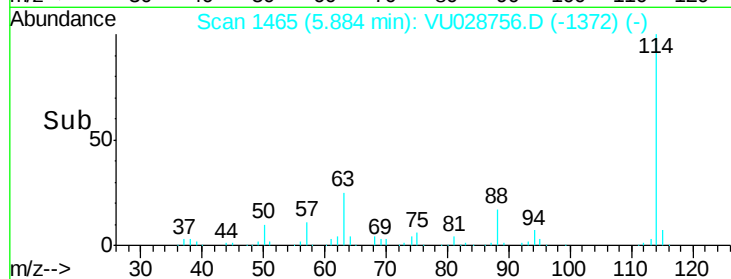
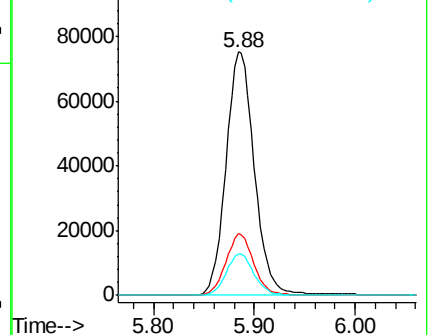
88 16.8 0.0 33.4



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: 53.320 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028756.D

Acq: 18 Dec 2018 06:24

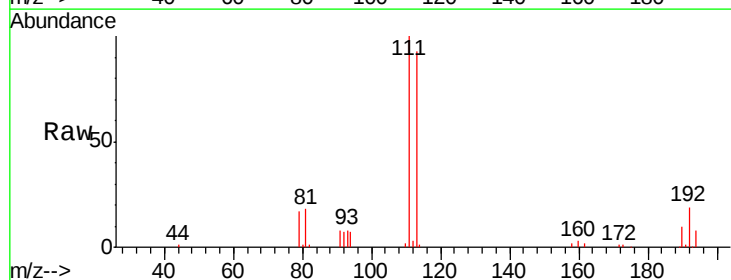
Tgt Ion:113 Resp: 49690

Ion Ratio Lower Upper

113 100

111 105.3 83.4 125.0

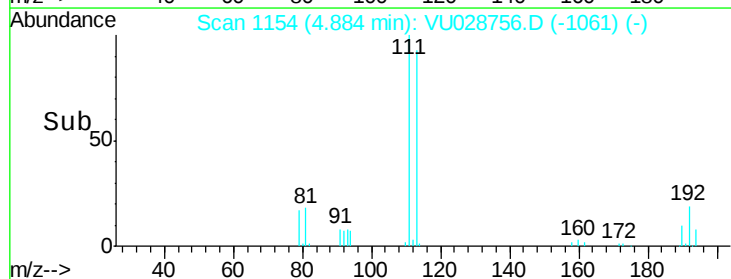
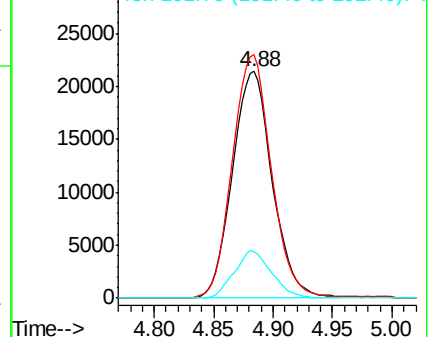
192 19.5 14.8 22.2

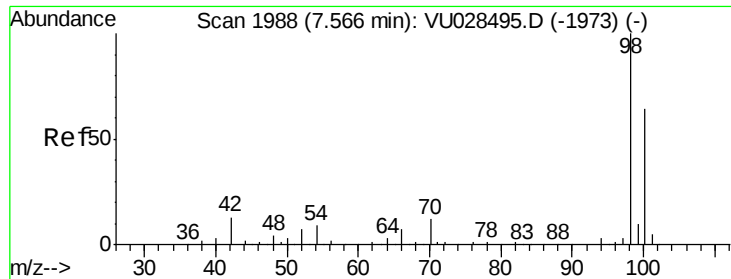


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.586 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028756.D

Acq: 18 Dec 2018 06:24

Instrument :

MSVOA_U

ClientSampleId :

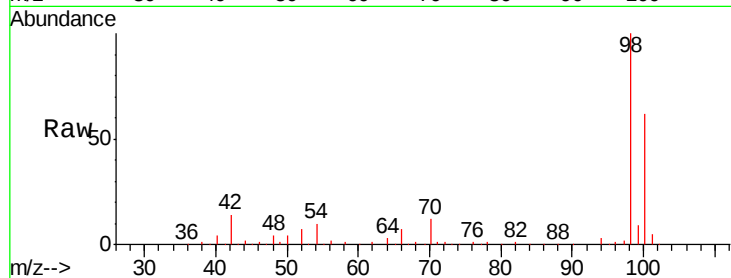
23690

Tgt Ion: 98 Resp: 190174

Ion Ratio Lower Upper

98 100

100 63.0 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

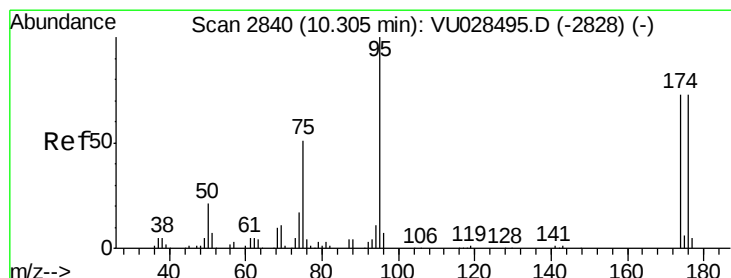
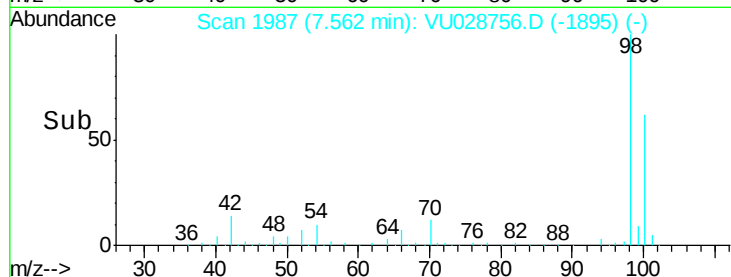
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.689 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028756.D

Acq: 18 Dec 2018 06:24

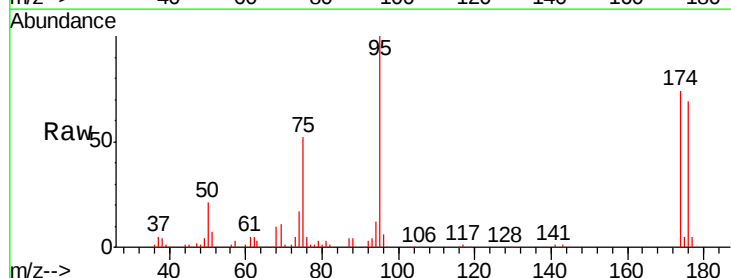
Tgt Ion: 95 Resp: 62954

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.4

176 72.5 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) (-)

10.30

50000

40000

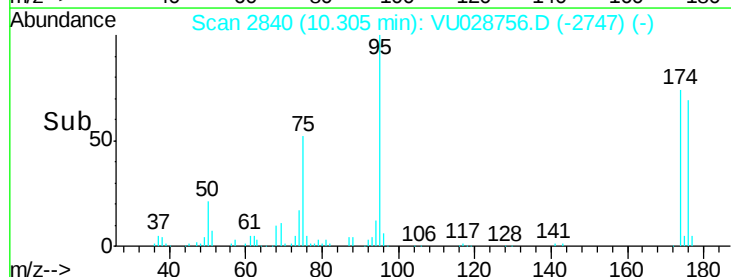
30000

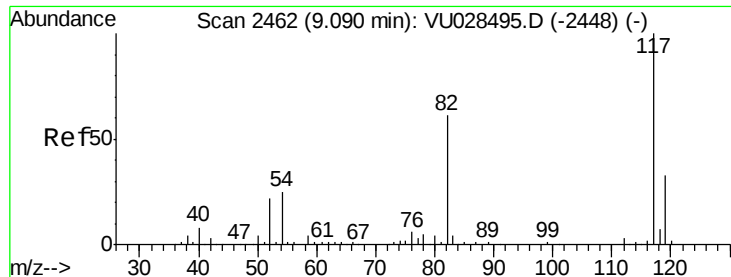
20000

10000

0

Time-->

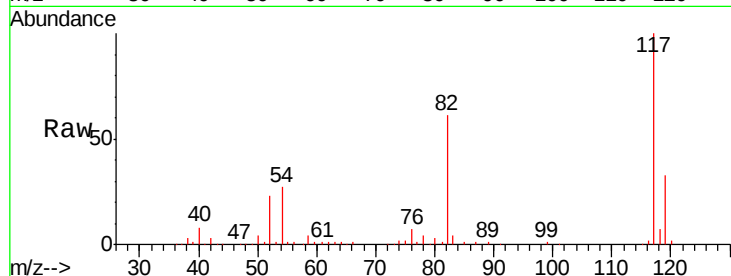




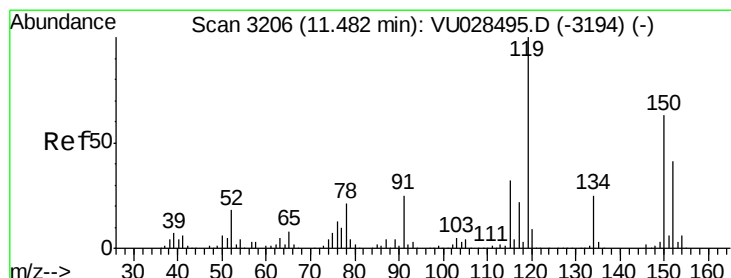
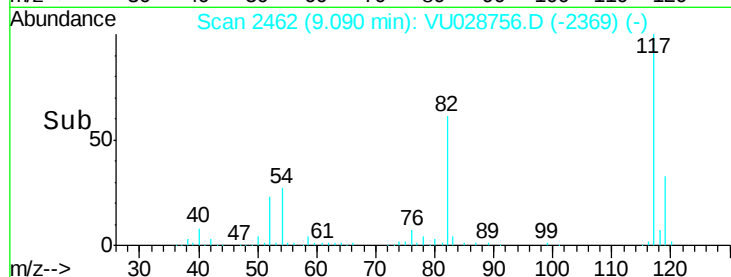
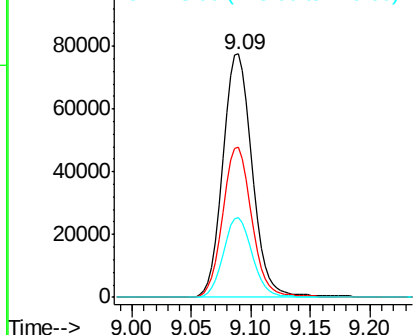
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028756.D
Acq: 18 Dec 2018 06:24

Instrument :
MSVOA_U
ClientSampleId :
23690

Tgt Ion:117 Resp: 133329
Ion Ratio Lower Upper
117 100
82 61.5 48.9 73.3
119 32.7 26.2 39.4

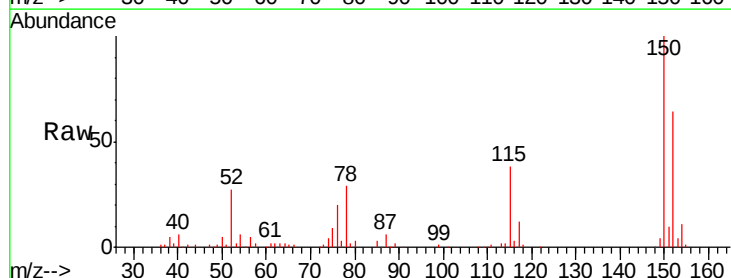


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028756.D
Acq: 18 Dec 2018 06:24

Tgt Ion:152 Resp: 51847
Ion Ratio Lower Upper
152 100
115 60.5 42.7 128.1
150 157.7 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

