

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028721.D
 Acq On : 17 Dec 2018 15:30
 Operator : MD/SY
 Sample : J6402-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-12-13-18

Quant Time: Dec 18 04:26:28 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	99278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	175271	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	60799	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74887	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	4.88	113	57410	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	7.57	98	223546	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	10.31	95	71960	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	

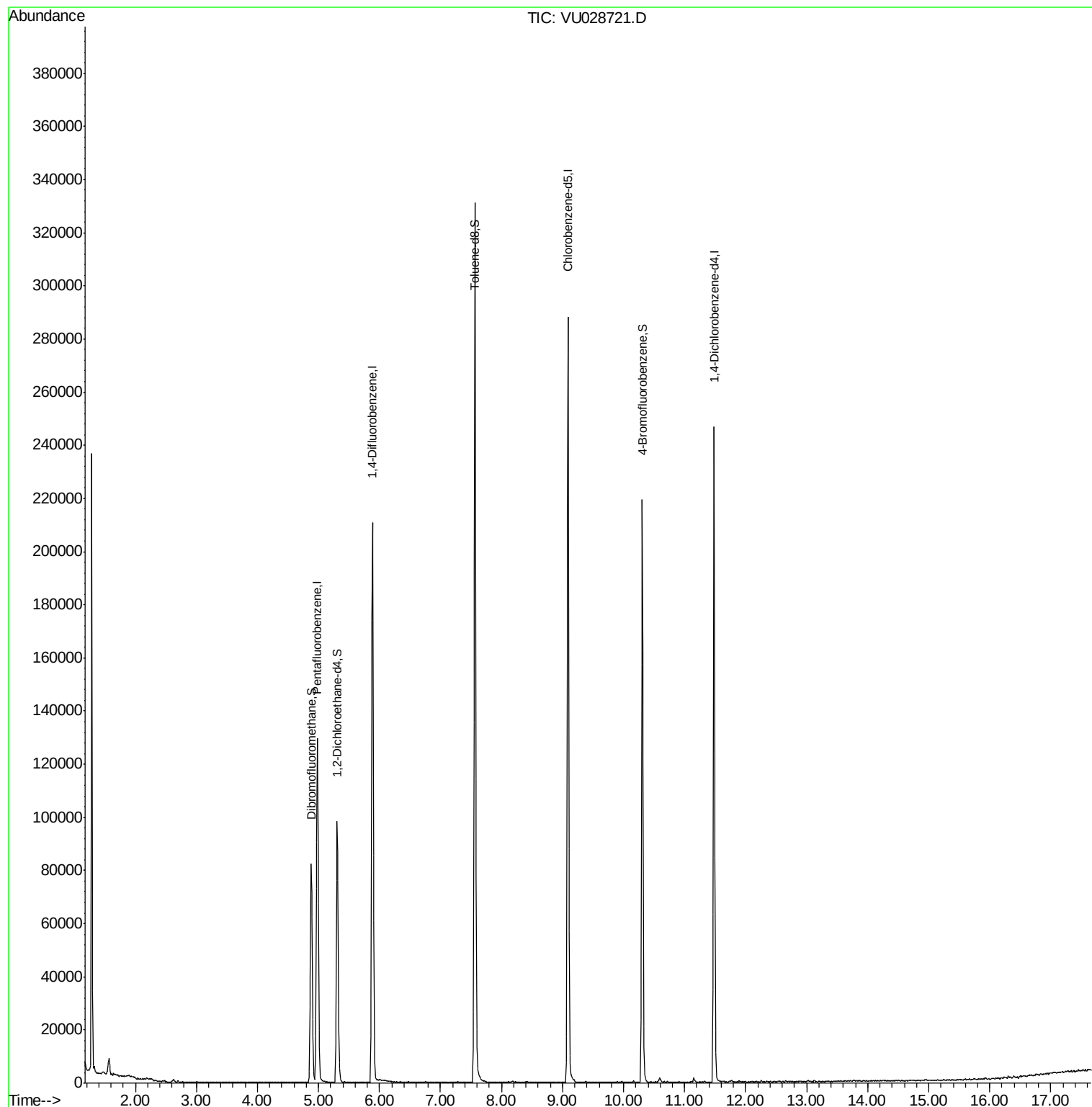
Target Compounds	Qvalue

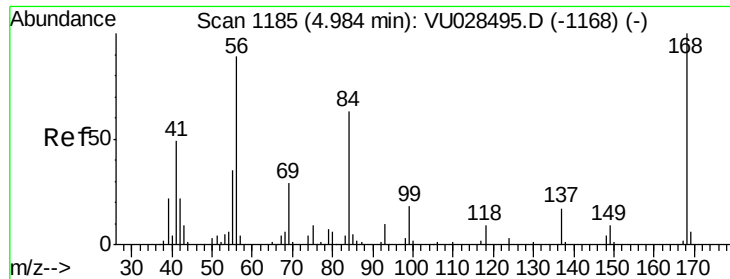
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028721.D

Acq: 17 Dec 2018 15:30

Instrument :

MSVOA_U

ClientSampleId :

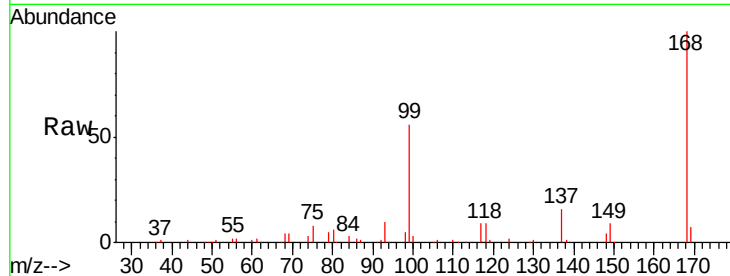
TB-12-13-18

Tgt Ion:168 Resp: 99278

Ion Ratio Lower Upper

168 100

99 56.1 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

50000

40000

30000

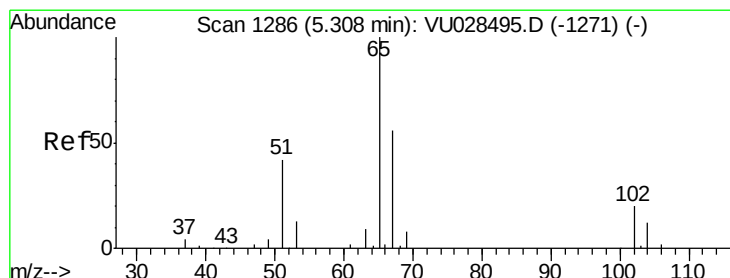
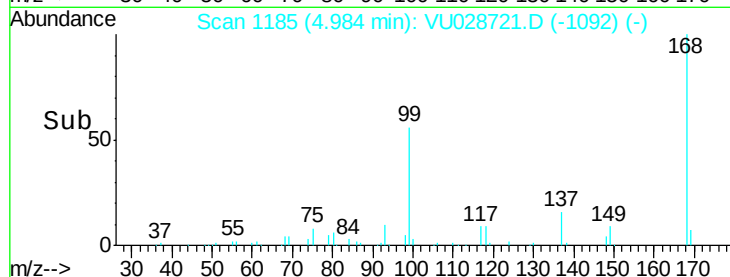
20000

10000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.429 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028721.D

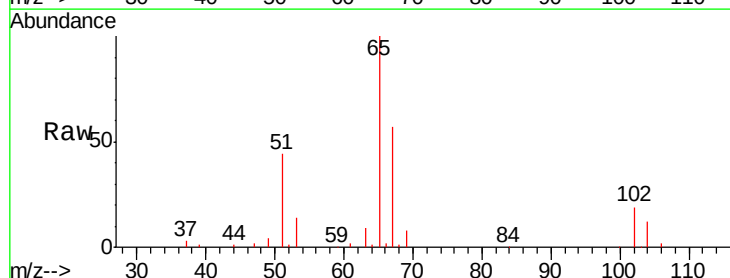
Acq: 17 Dec 2018 15:30

Tgt Ion: 65 Resp: 74887

Ion Ratio Lower Upper

65 100

67 54.2 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

40000

30000

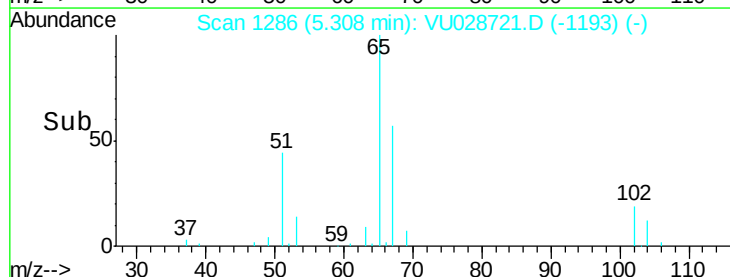
20000

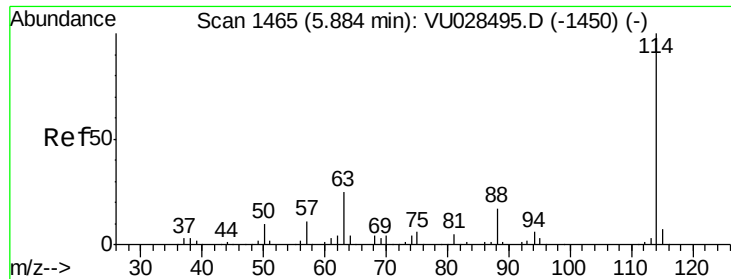
10000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

Instrument :

MSVOA_U

ClientSampleId :

TB-12-13-18

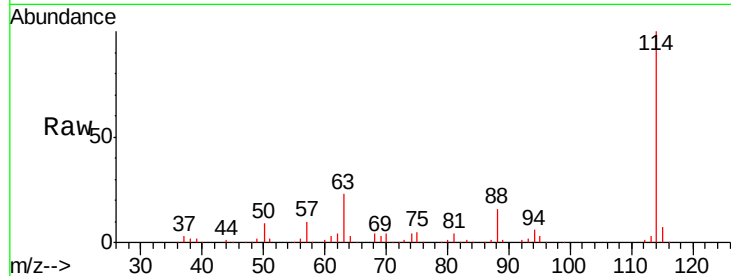
Tgt Ion:114 Resp: 175271

Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

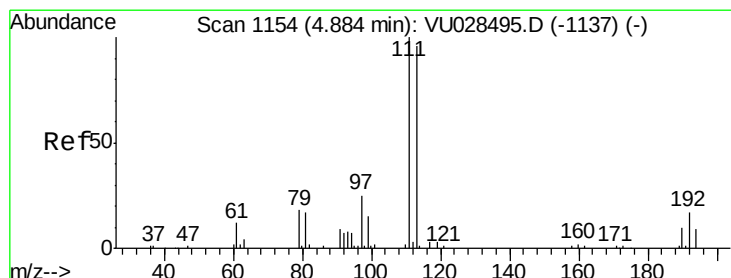
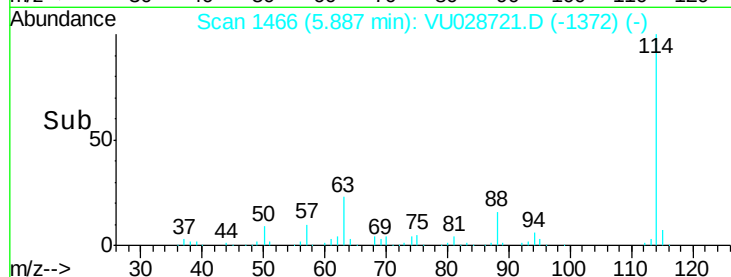
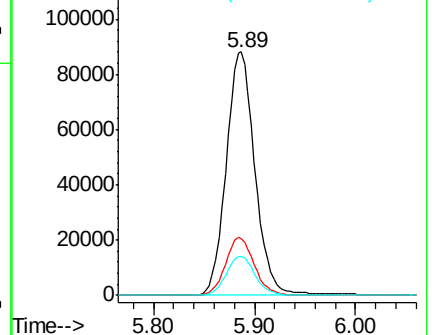
88 15.9 0.0 33.4



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: 52.049 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

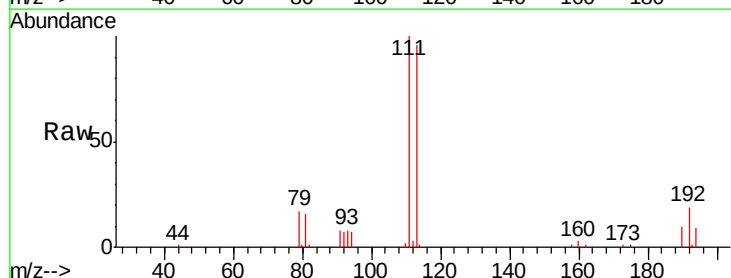
Tgt Ion:113 Resp: 57410

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.0

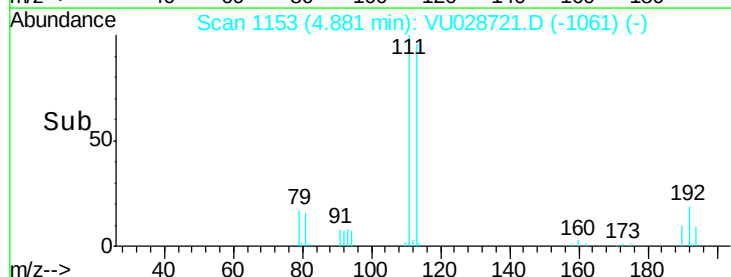
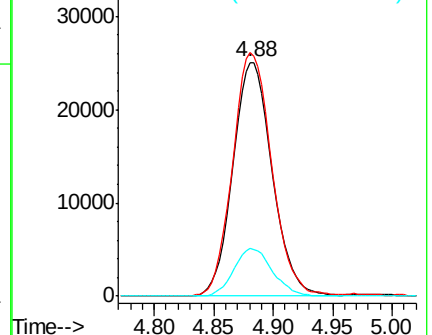
192 19.9 14.8 22.2

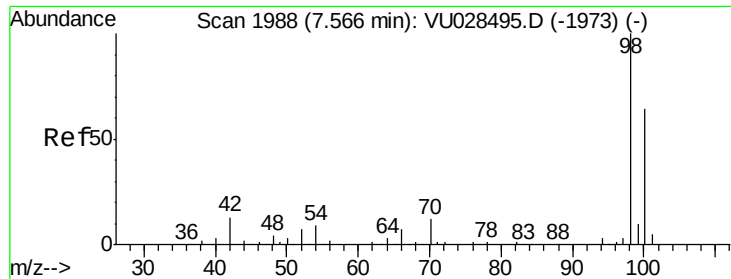


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.234 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

Instrument :

MSVOA_U

ClientSampleId :

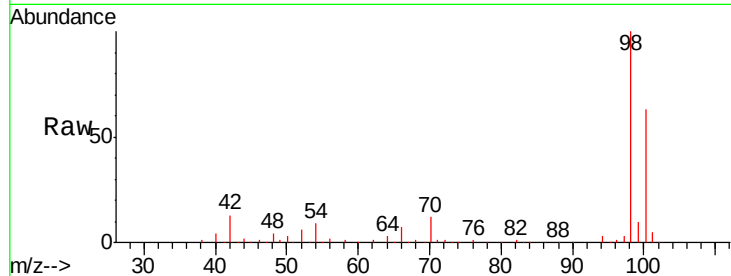
TB-12-13-18

Tgt Ion: 98 Resp: 223546

Ion Ratio Lower Upper

98 100

100 62.3 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) (-)

7.57

150000

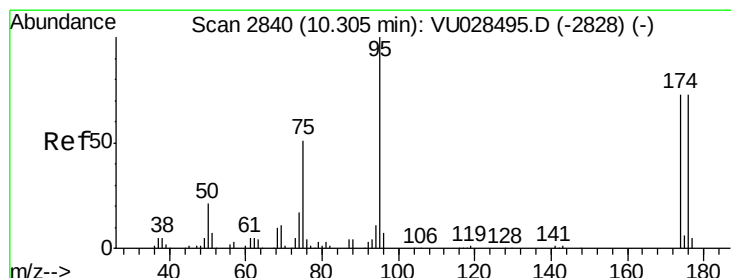
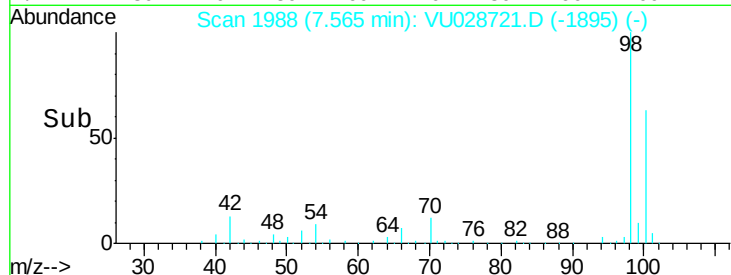
100000

50000

0

Time-->

7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 44.125 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

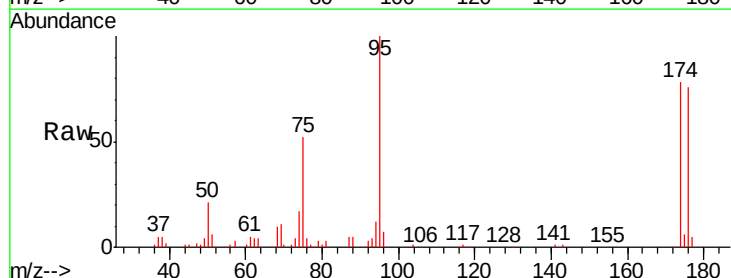
Tgt Ion: 95 Resp: 71960

Ion Ratio Lower Upper

95 100

174 78.0 0.0 150.4

176 76.1 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) (-)

60000

50000

40000

30000

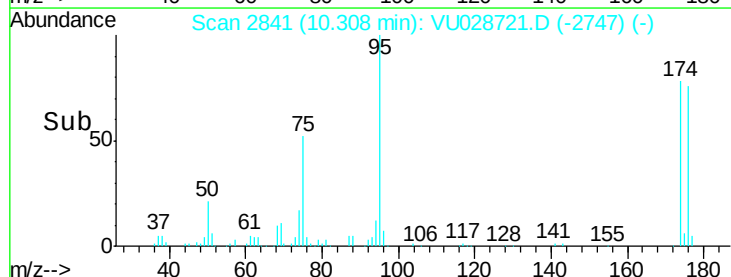
20000

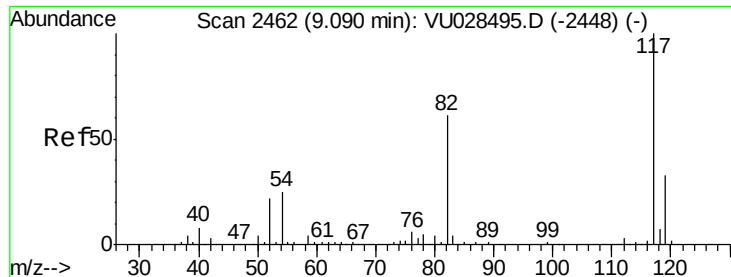
10000

0

Time-->

10.20 10.30 10.40

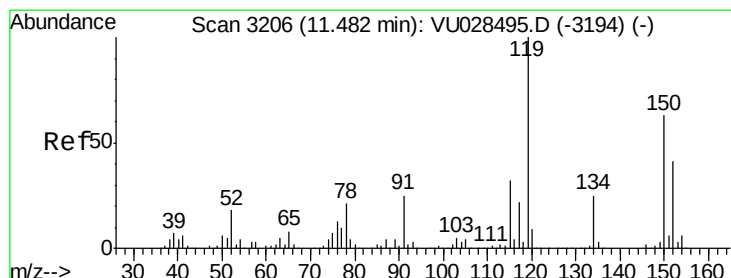
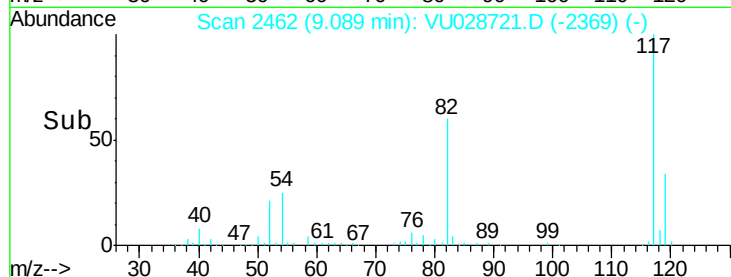
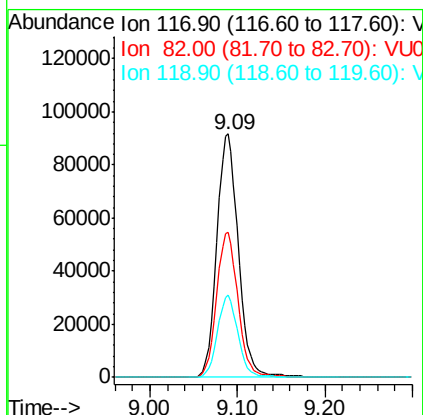
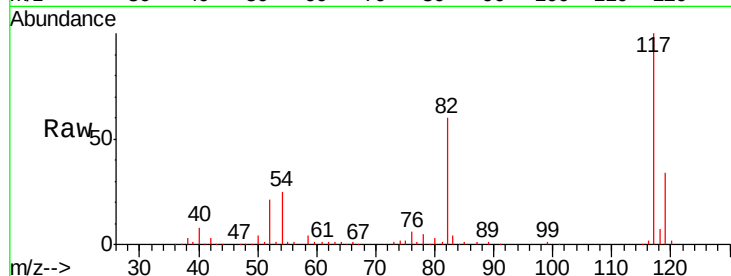




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028721.D
Acq: 17 Dec 2018 15:30

Instrument :
MSVOA_U
ClientSampleId :
TB-12-13-18

Tgt Ion:117 Resp: 156703
Ion Ratio Lower Upper
117 100
82 59.8 48.9 73.3
119 33.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028721.D
Acq: 17 Dec 2018 15:30

Tgt Ion:152 Resp: 60799
Ion Ratio Lower Upper
152 100
115 61.5 42.7 128.1
150 156.8 0.0 346.0

