

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028684.D
 Acq On : 14 Dec 2018 15:38
 Operator : MD/SY
 Sample : J6411-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-TRIP-BLANK-1218

Quant Time: Dec 15 01:04:01 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	76321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	140221	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	48996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	64765	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	
35) Dibromofluoromethane	4.88	113	48784	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
50) Toluene-d8	7.57	98	182699	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	10.31	95	57666	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	

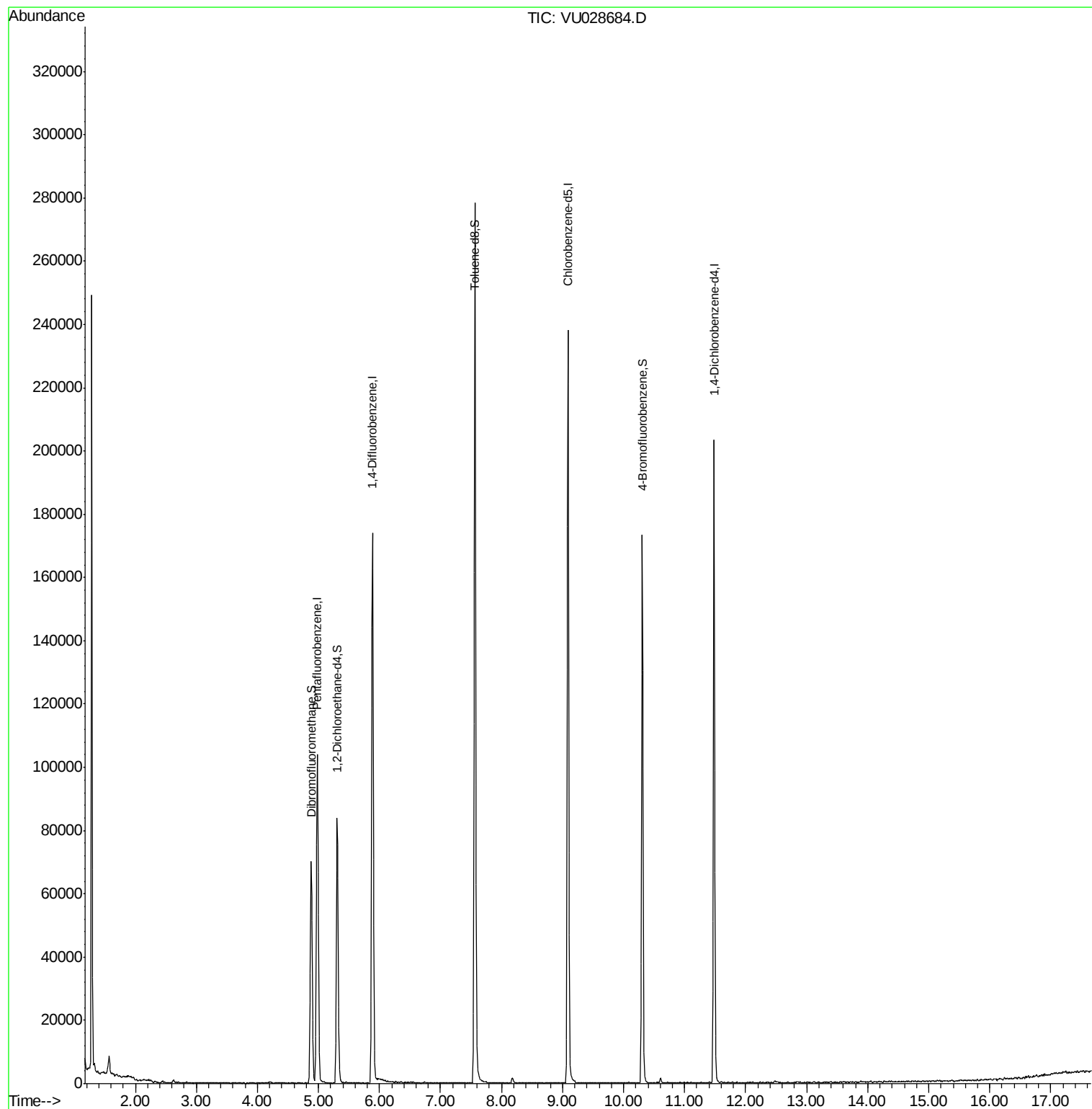
Target Compounds	Qvalue
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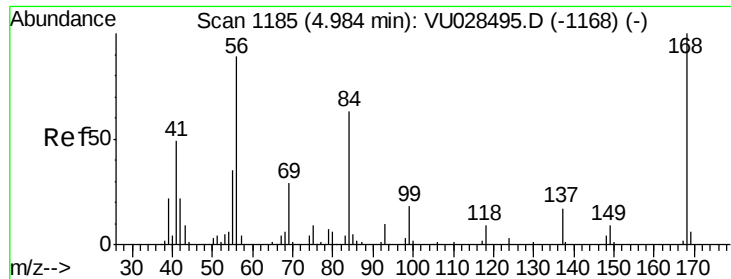
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028684.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

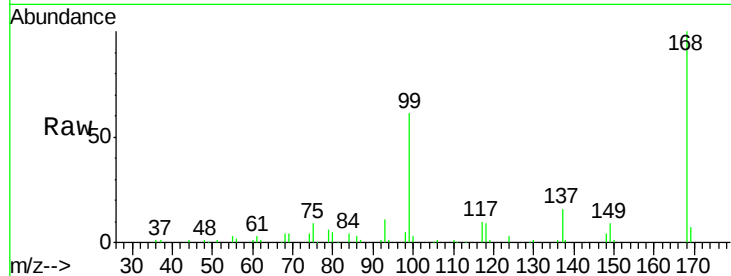
EP1-TRIP-BLANK-1218

Tgt Ion:168 Resp: 76321

Ion Ratio Lower Upper

168 100

99 60.8 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

30000

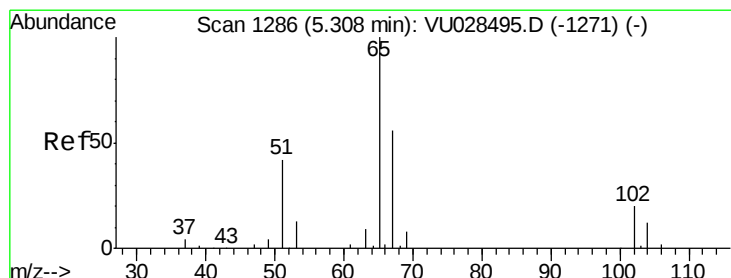
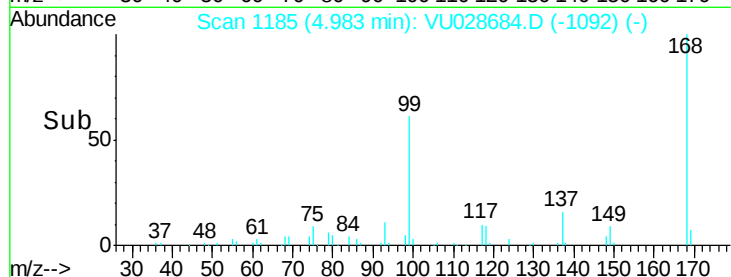
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.606 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028684.D

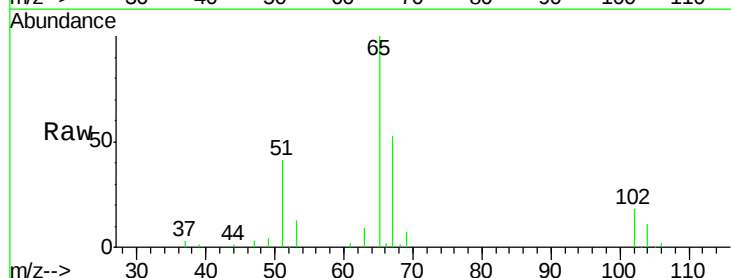
Acq: 14 Dec 2018 15:38

Tgt Ion: 65 Resp: 64765

Ion Ratio Lower Upper

65 100

67 53.8 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

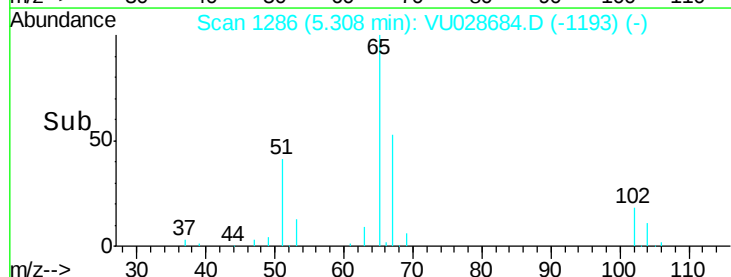
20000

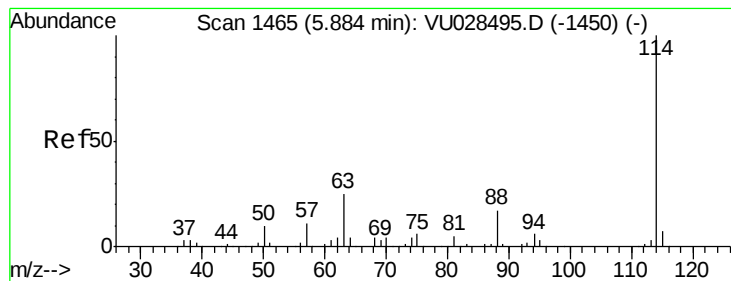
10000

0

5.20 5.25 5.30 5.35 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: VU028684.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

EP1-TRIP-BLANK-1218

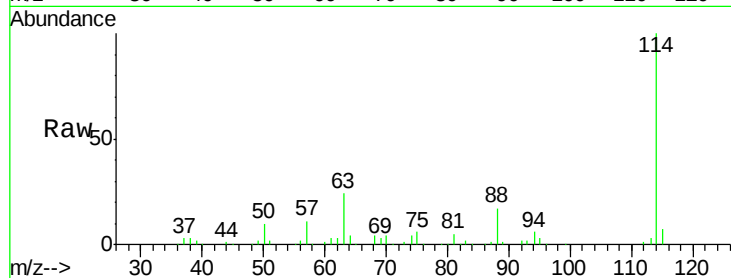
Tgt Ion:114 Resp: 140221

Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.2

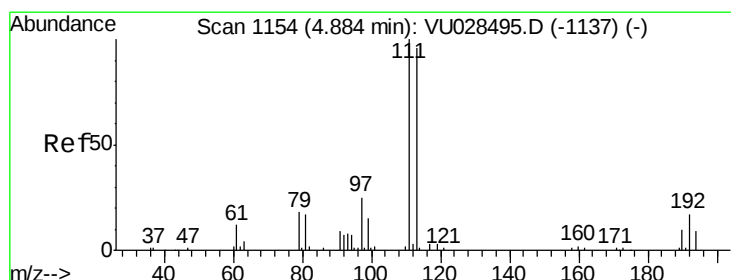
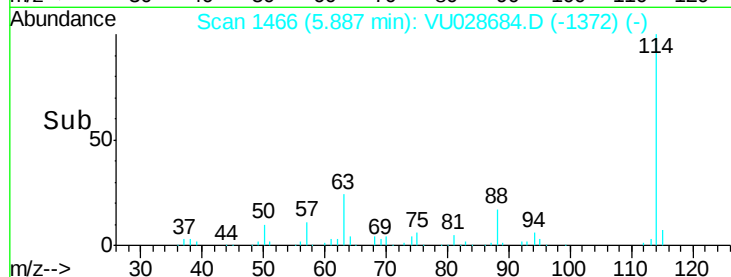
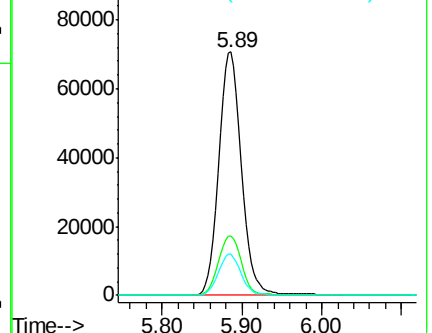
88 16.9 0.0 33.4



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: 55.284 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028684.D

Acq: 14 Dec 2018 15:38

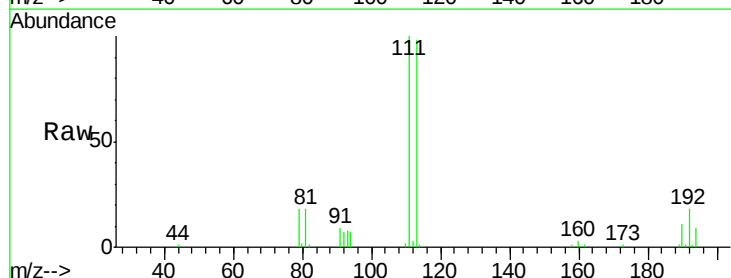
Tgt Ion:113 Resp: 48784

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

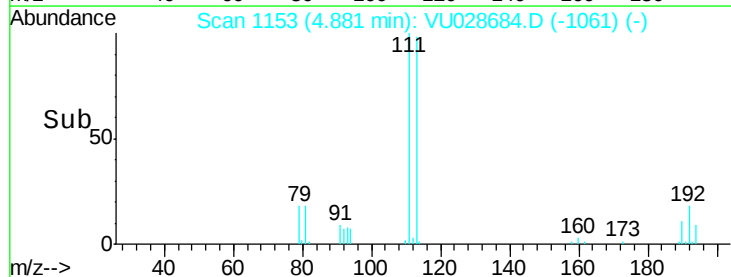
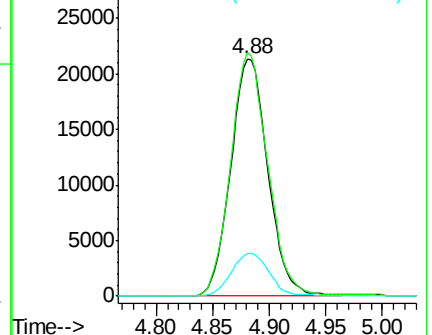
192 18.3 14.8 22.2

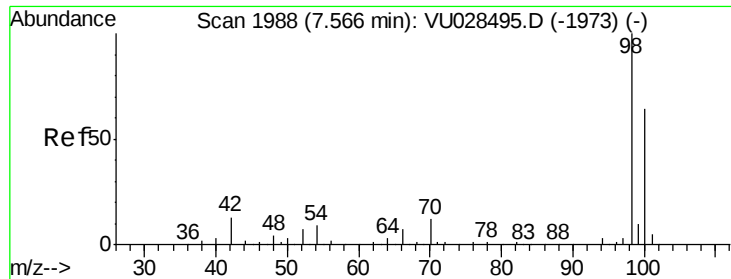


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.339 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028684.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

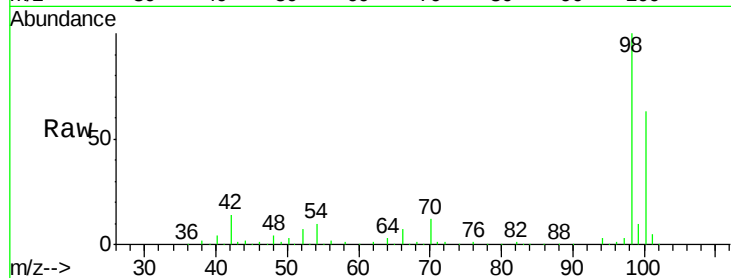
EP1-TRIP-BLANK-1218

Tgt Ion: 98 Resp: 182699

Ion Ratio Lower Upper

98 100

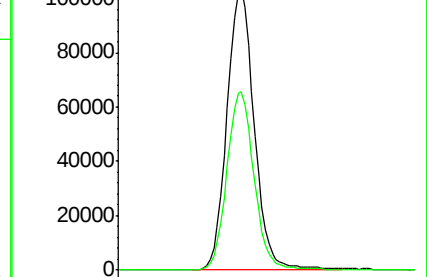
100 62.8 51.0 76.6



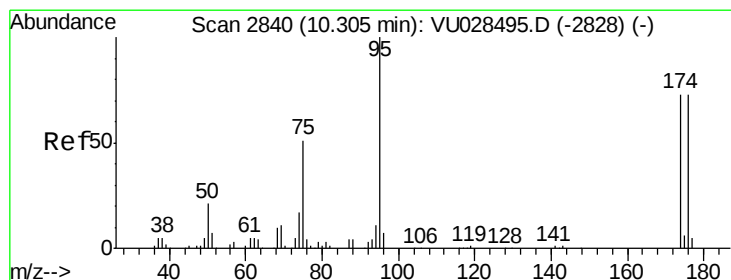
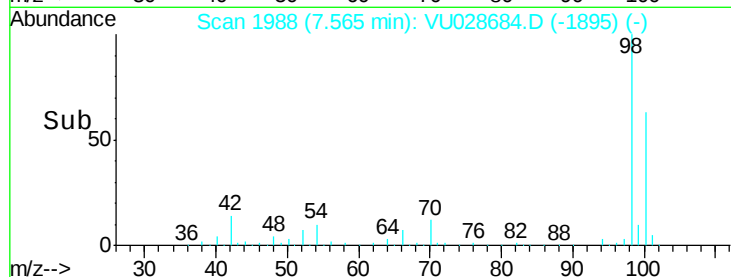
Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

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

7.57



Time-->



#62

4-Bromofluorobenzene

Concen: 44.199 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028684.D

Acq: 14 Dec 2018 15:38

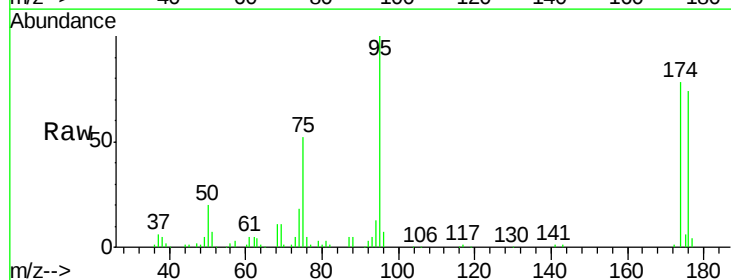
Tgt Ion: 95 Resp: 57666

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.4

176 74.5 0.0 145.2

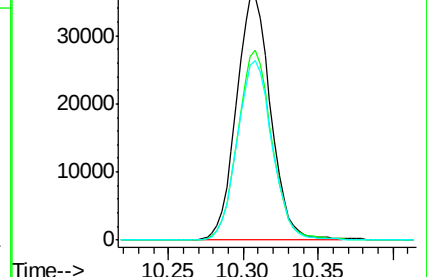


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

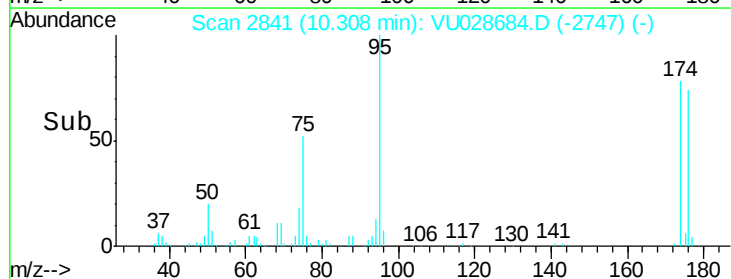
Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

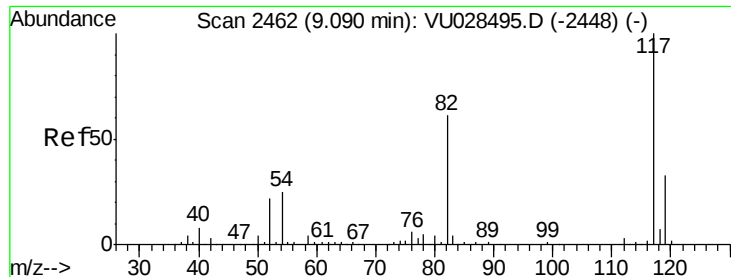
Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.31



Time-->

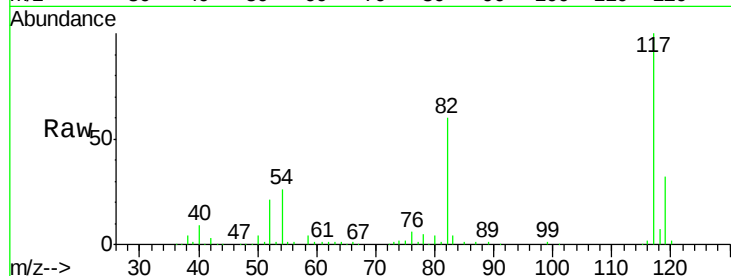




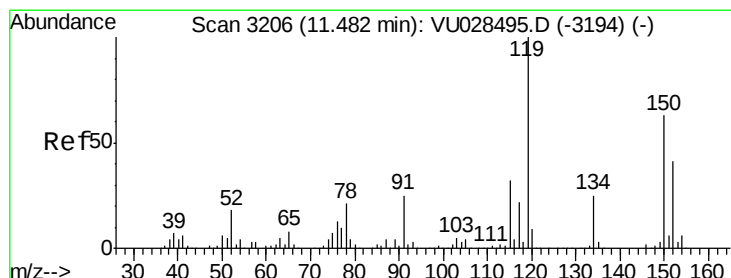
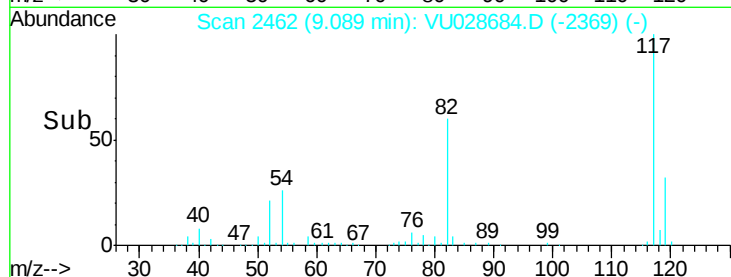
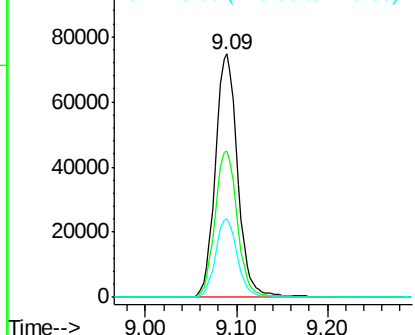
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028684.D
Acq: 14 Dec 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :
EP1-TRIP-BLANK-1218

Tgt Ion:117 Resp: 127391
Ion Ratio Lower Upper
117 100
82 60.4 48.9 73.3
119 32.4 26.2 39.4

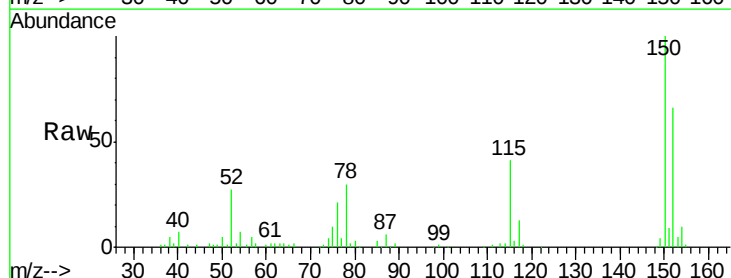


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028684.D
Acq: 14 Dec 2018 15:38

Tgt Ion:152 Resp: 48996
Ion Ratio Lower Upper
152 100
115 61.4 42.7 128.1
150 154.4 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

