

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025749.D
 Acq On : 31 Jul 2018 19:18
 Operator : MD/SY
 Sample : J4226-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE BLANK-SOILREF-6

Quant Time: Aug 01 05:42:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313836	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	308139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	184943	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152799	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	4.89	113	128828	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
50) Toluene-d8	7.57	98	458396	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	10.31	95	177856	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

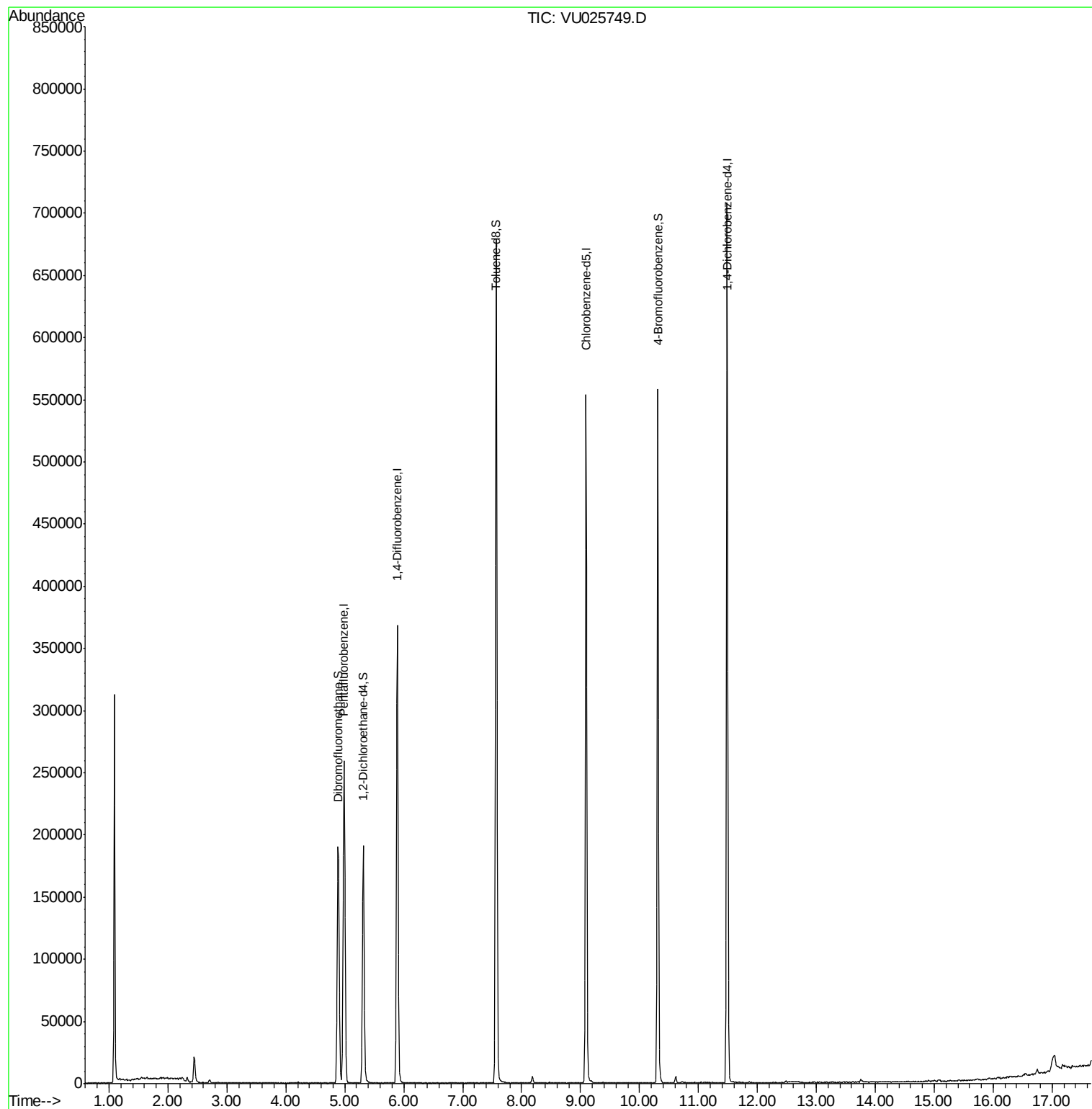
Target Compounds	Qvalue

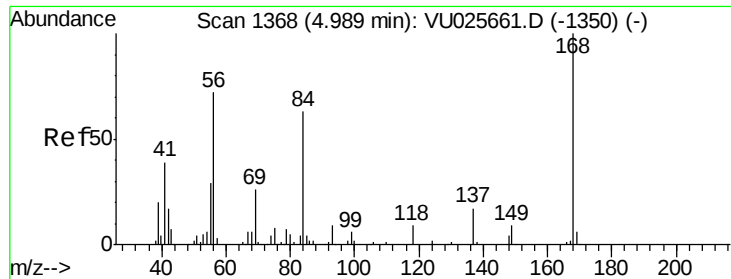
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025749.D
Acq On : 31 Jul 2018 19:18
Operator : MD/SY
Sample : J4226-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
STORAGEBLANK-SOILREF-6

Quant Time: Aug 01 05:42:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025749.D

Acq: 31 Jul 2018 19:18

Instrument :

MSVOA_U

ClientSampleId :

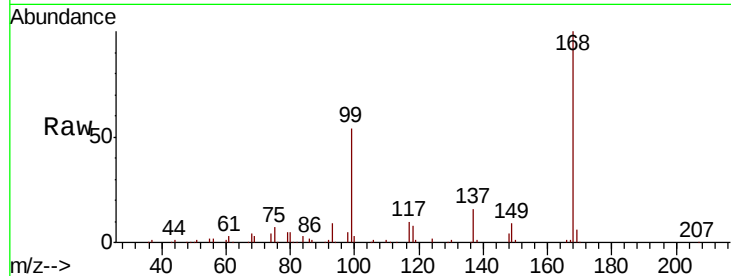
STORAGEBLANK-SOILREF-6

Tot Ion:168 Resp: 200792

Ion Ratio Lower Upper

168 100

99 54.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)

4.99

100000

80000

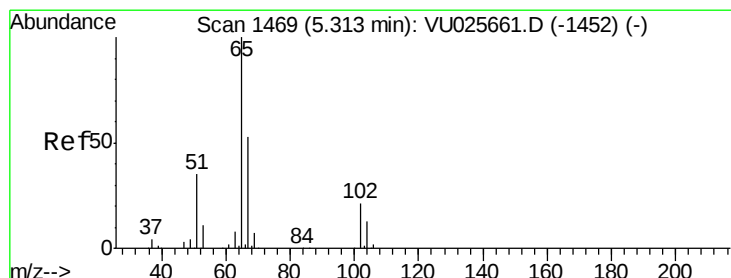
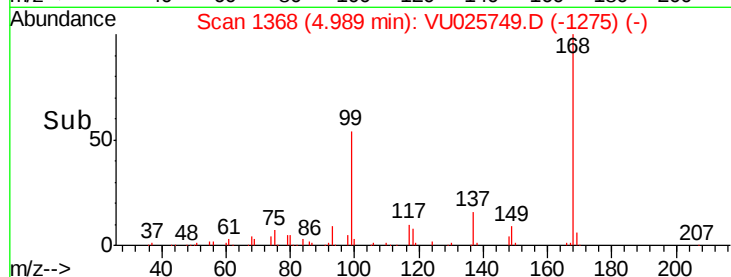
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.840 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025749.D

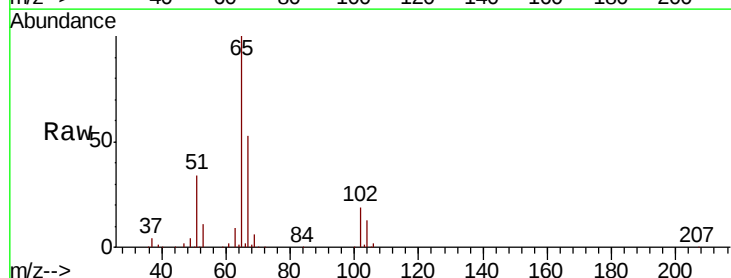
Acq: 31 Jul 2018 19:18

Tgt Ion: 65 Resp: 152799

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)

5.31

80000

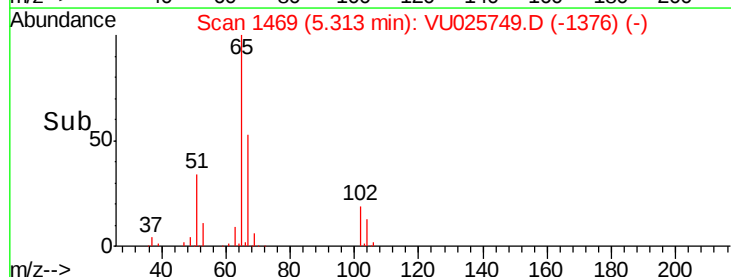
60000

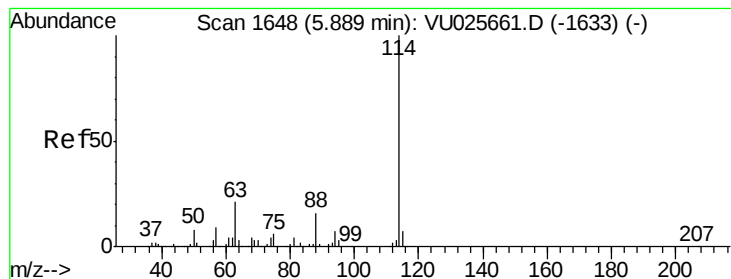
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025749.D

Acq: 31 Jul 2018 19:18

Instrument :

MSVOA_U

ClientSampleId :

STORAGEBLANK-SOILREF-6

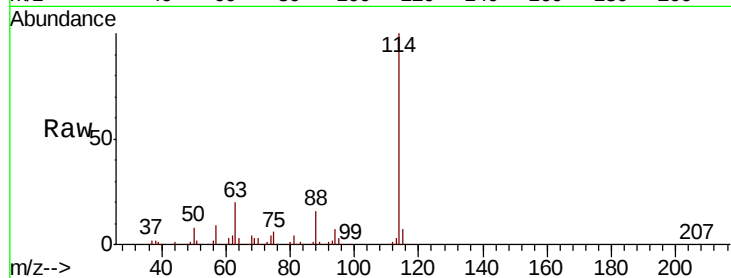
Tot Ion:114 Resp: 313836

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

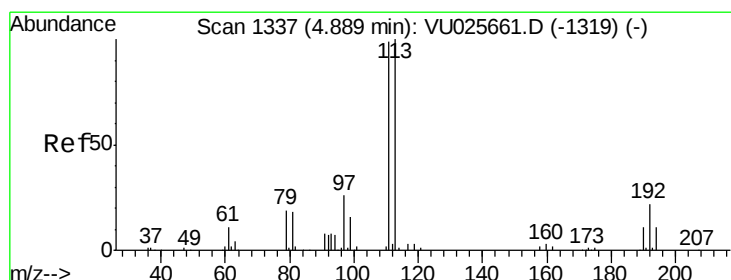
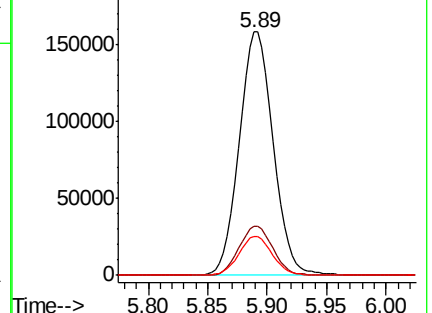
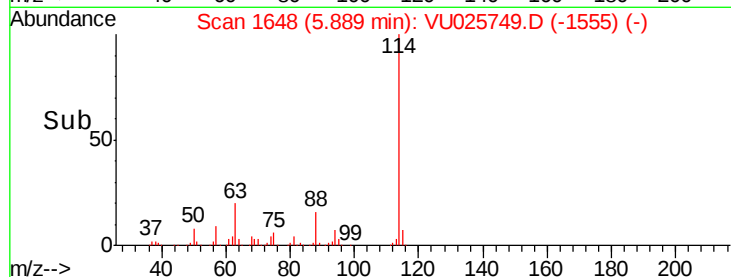
88 16.1 0.0 32.4



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: 47.197 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025749.D

Acq: 31 Jul 2018 19:18

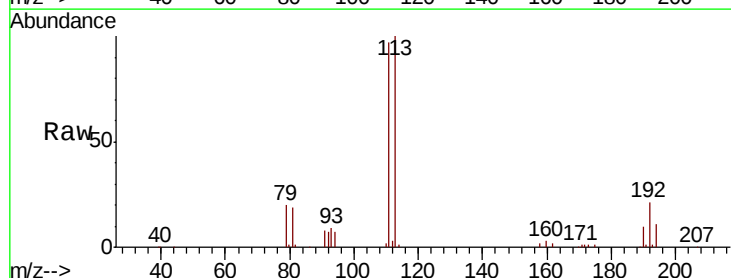
Tgt Ion:113 Resp: 128828

Ion Ratio Lower Upper

113 100

111 100.6 81.7 122.5

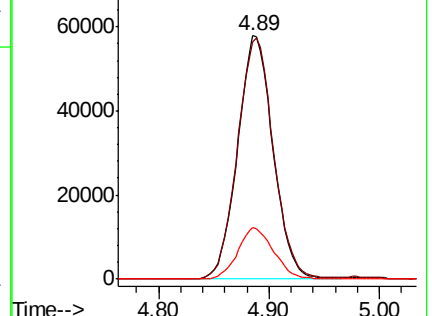
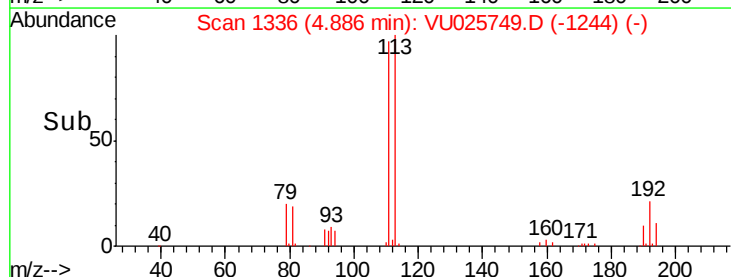
192 21.3 17.1 25.7

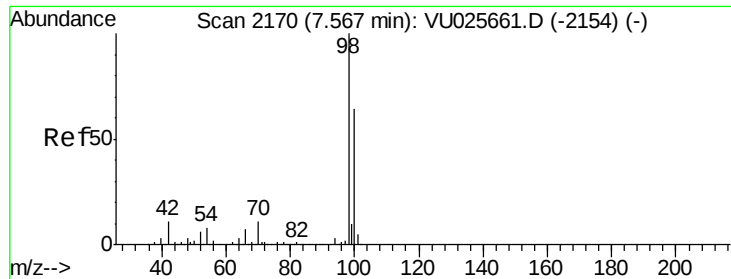


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.991 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025749.D

Acq: 31 Jul 2018 19:18

Instrument :

MSVOA_U

ClientSampleId :

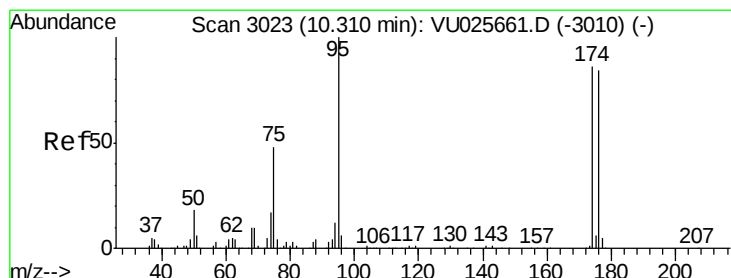
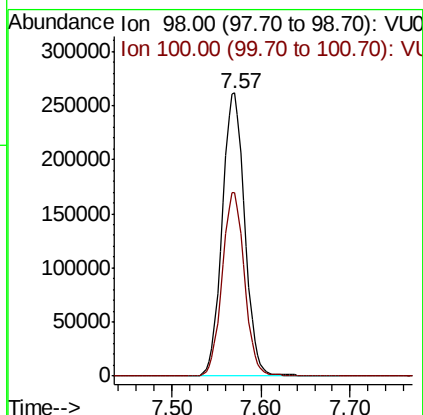
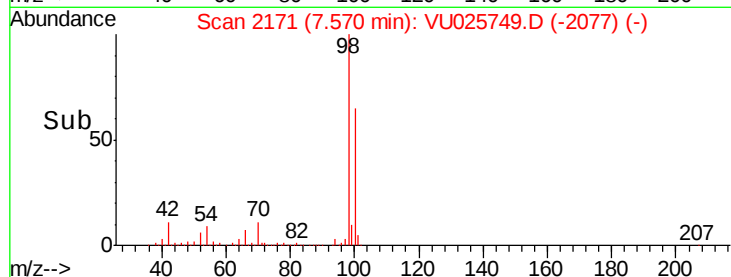
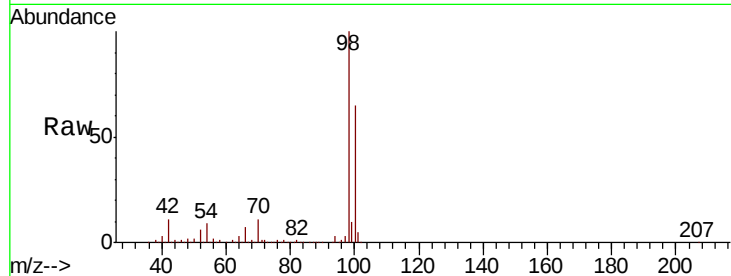
STORAGEBLANK-SOILREF-6

Tot Ion: 98 Resp: 458396

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 47.973 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025749.D

Acq: 31 Jul 2018 19:18

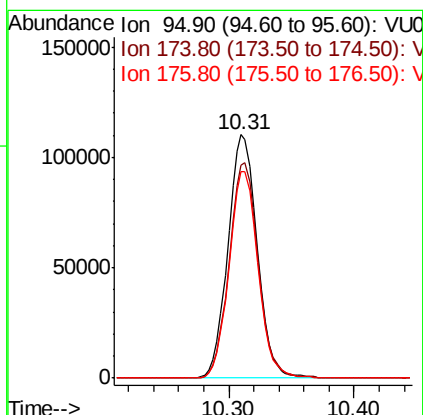
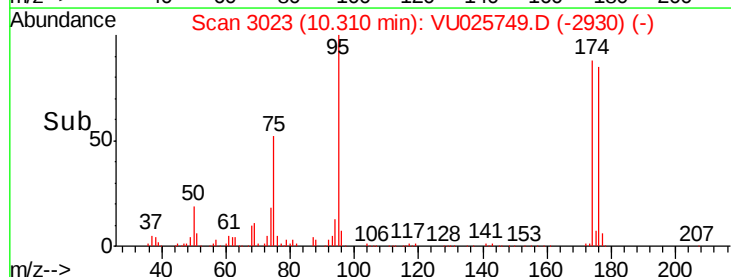
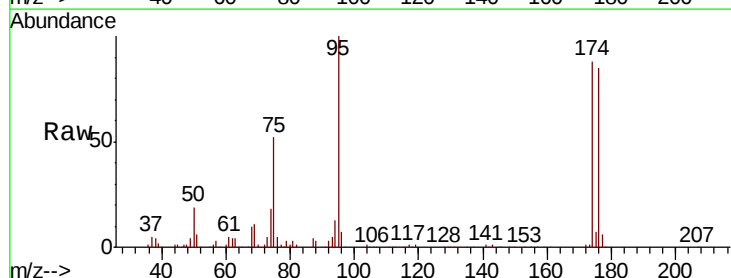
Tgt Ion: 95 Resp: 177856

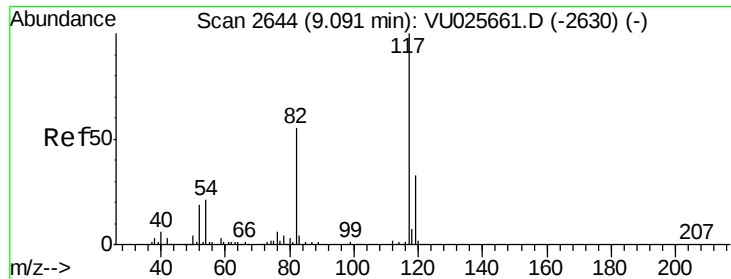
Ion Ratio Lower Upper

95 100

174 88.2 0.0 172.2

176 84.6 0.0 162.6

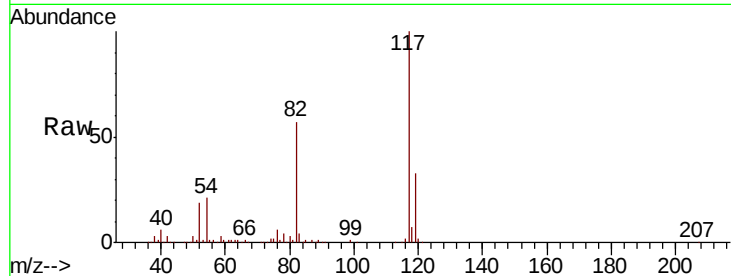




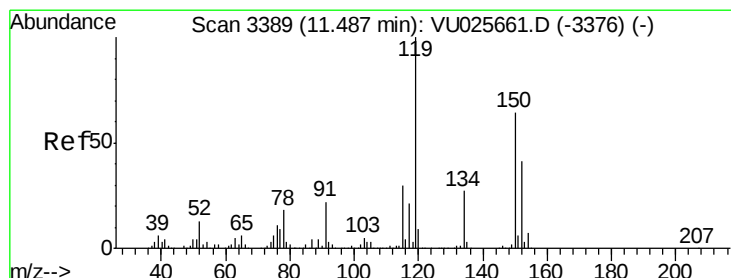
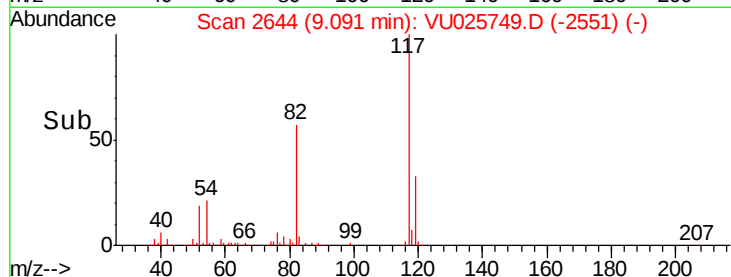
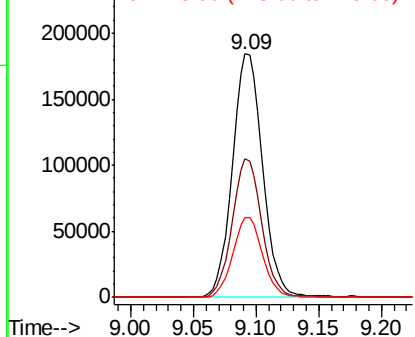
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025749.D
Acq: 31 Jul 2018 19:18

Instrument :
MSVOA_U
ClientSampleId :
STORAGEBLANK-SOILREF-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.0	69.0
119	32.7	26.0	39.0

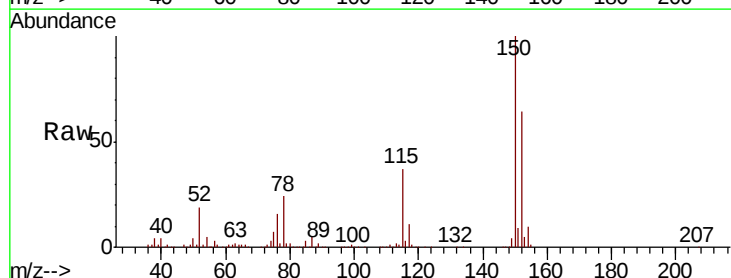


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025749.D
Acq: 31 Jul 2018 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	40.1	120.3
150	158.2	0.0	351.4



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

