

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025752.D
 Acq On : 31 Jul 2018 20:28
 Operator : MD/SY
 Sample : J4226-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Quant Time: Aug 01 05:48:04 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	189037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297912	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	180493	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145935	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	4.89	113	123719	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	7.57	98	437980	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	10.31	95	169897	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

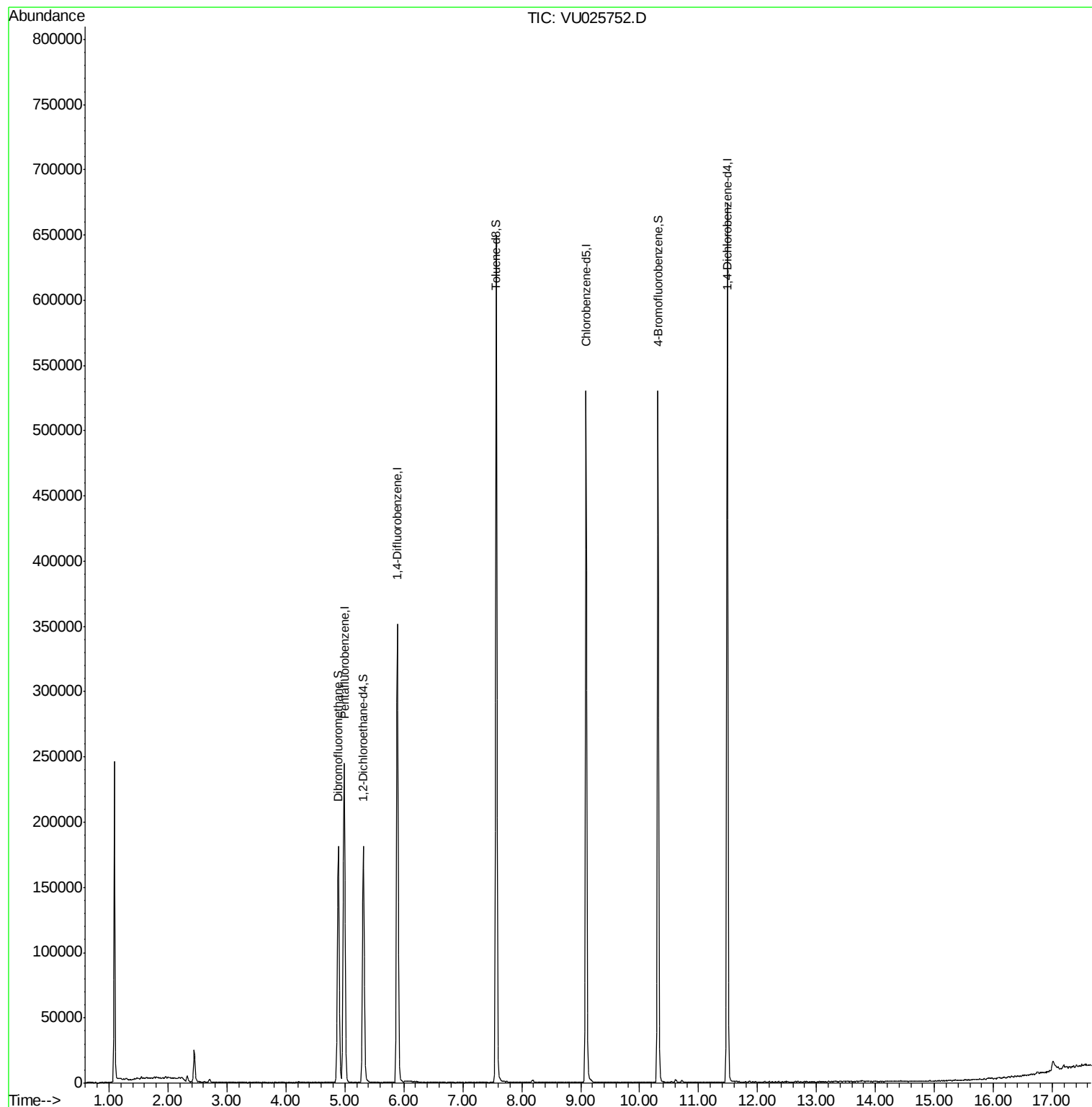
Target Compounds	Qvalue

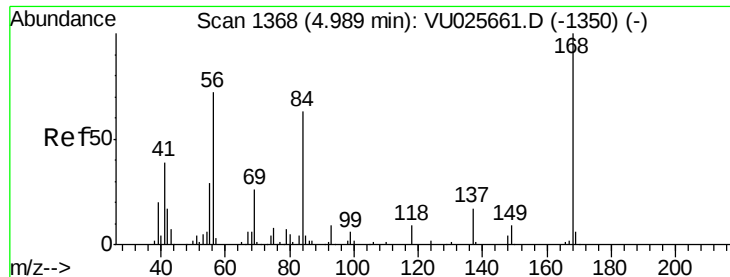
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

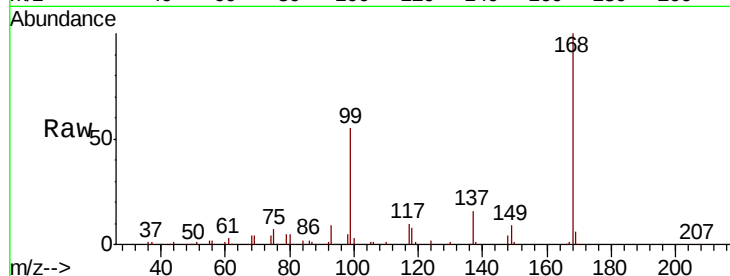
STORAGEBLANK-SAMPLEMANAG

Tot Ion:168 Resp: 189037

Ion Ratio Lower Upper

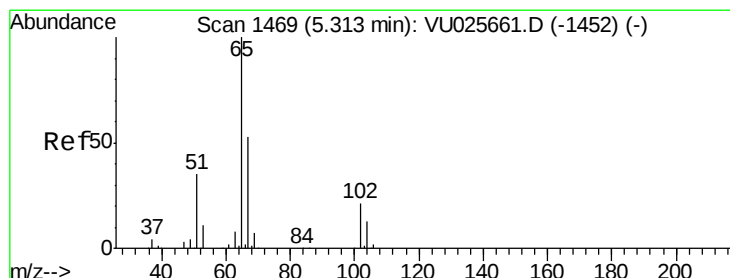
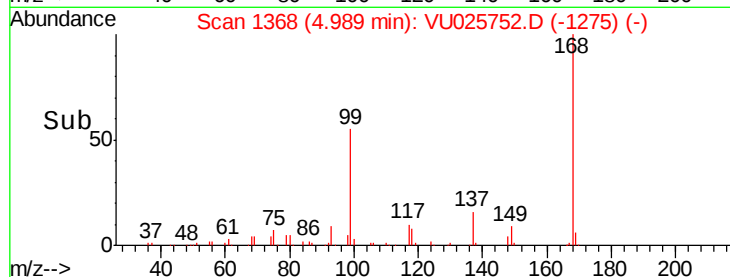
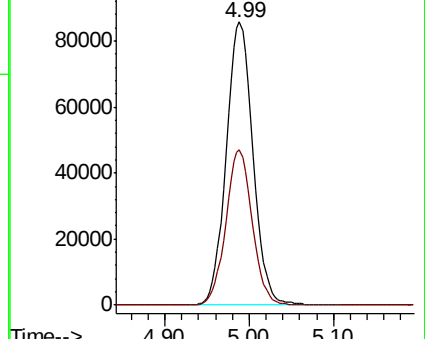
168 100

99 54.9 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.547 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025752.D

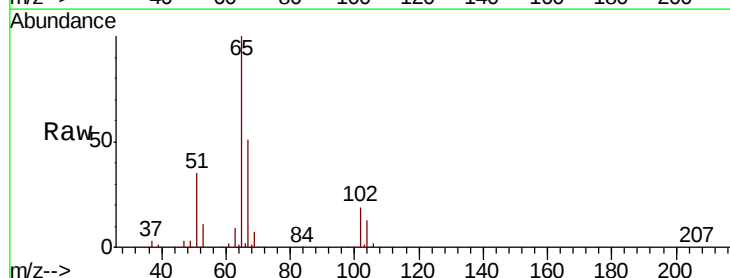
Acq: 31 Jul 2018 20:28

Tgt Ion: 65 Resp: 145935

Ion Ratio Lower Upper

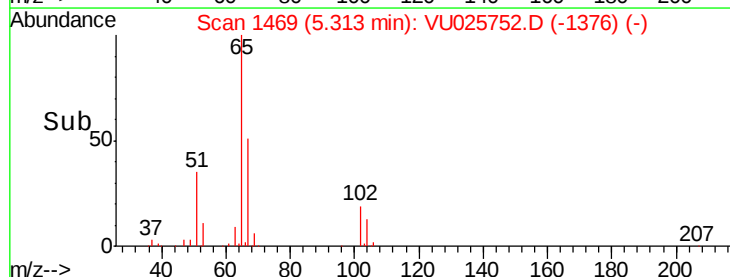
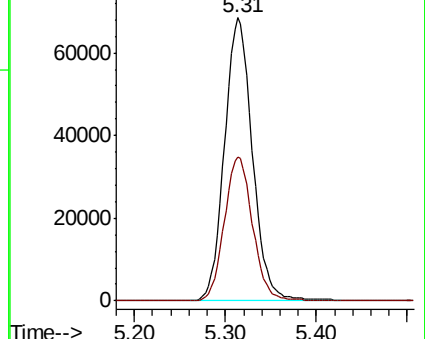
65 100

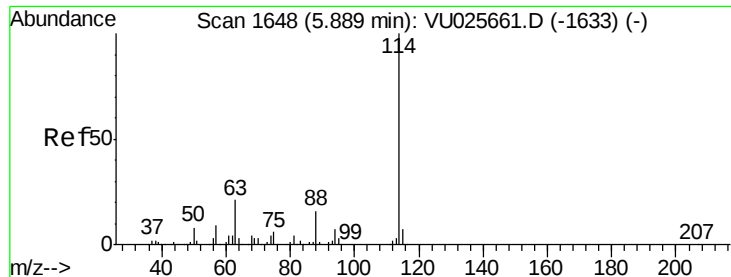
67 51.1 0.0 103.6



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

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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

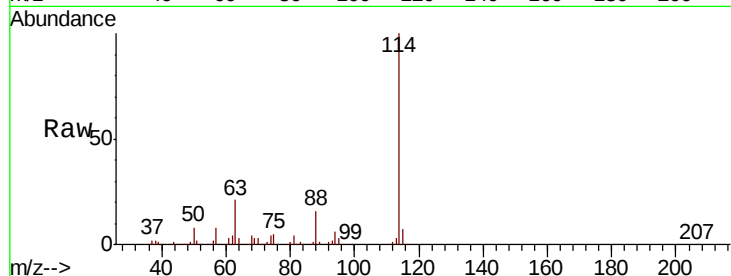
Tot Ion:114 Resp: 297912

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

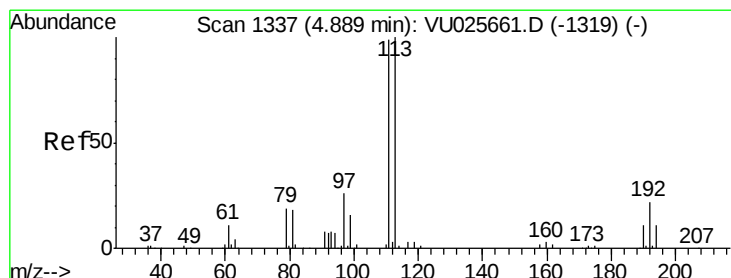
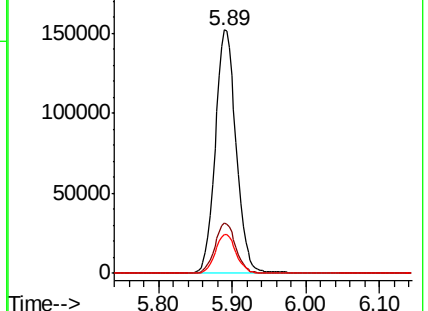
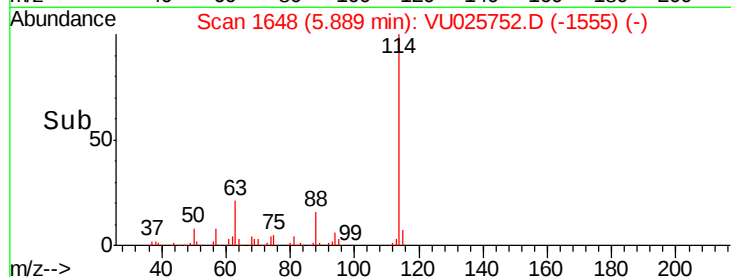
88 15.9 0.0 32.4



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: 47.748 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

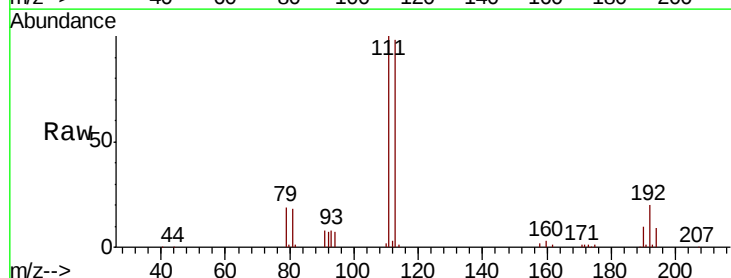
Tgt Ion:113 Resp: 123719

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

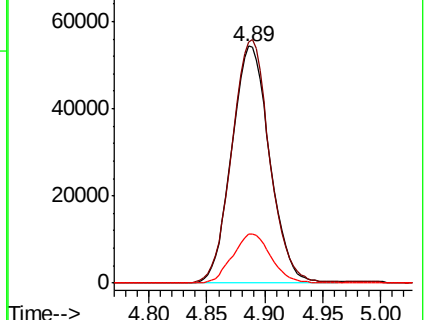
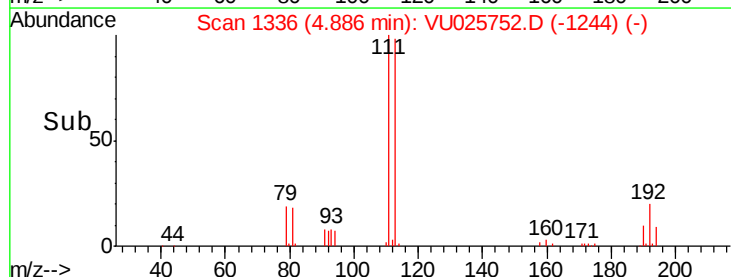
192 20.9 17.1 25.7

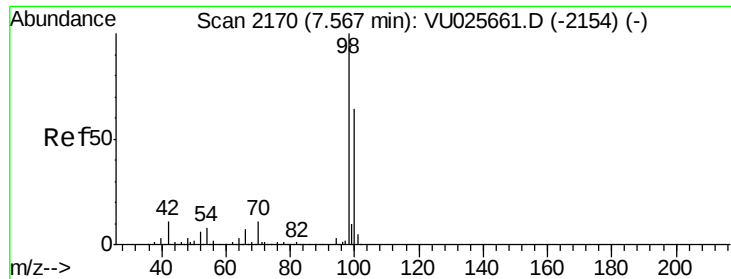


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

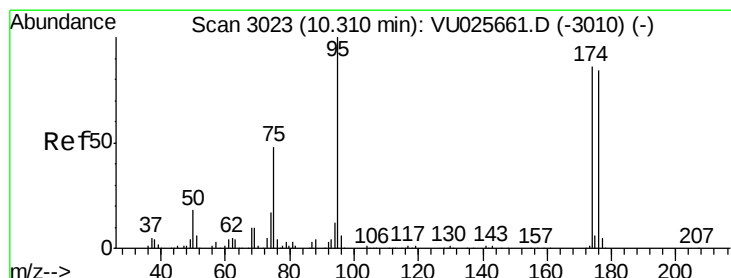
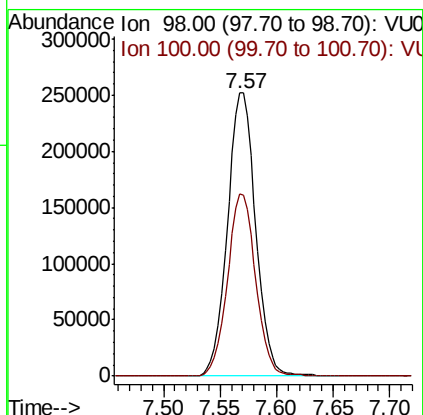
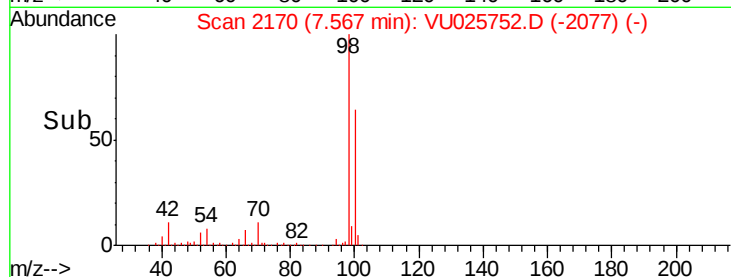
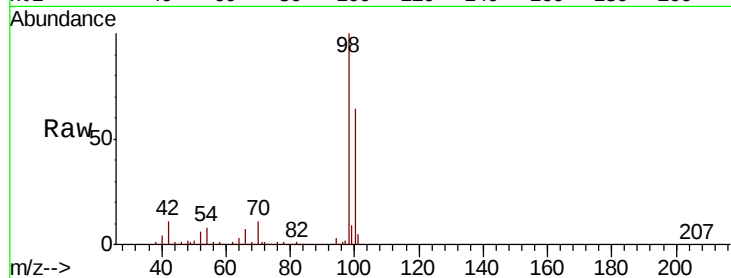




#50
Toluene-d8
Concen: 48.304 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025752.D
Acq: 31 Jul 2018 20:28

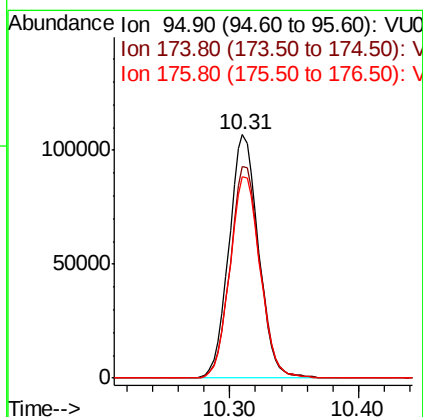
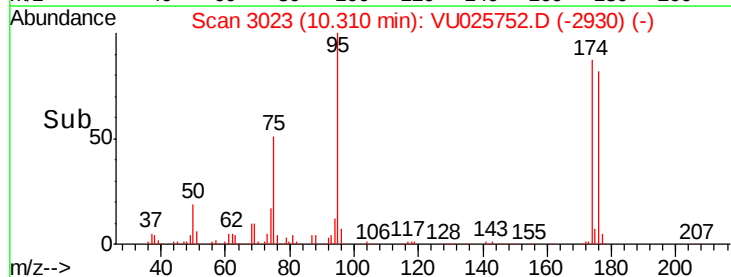
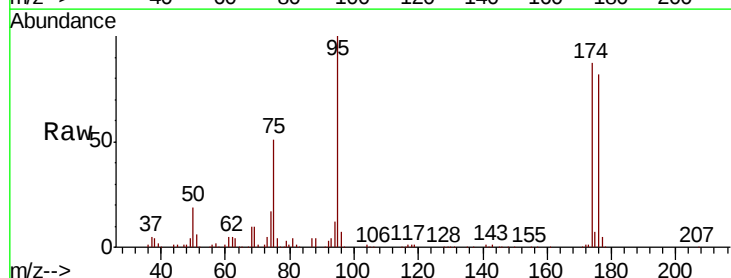
Instrument :
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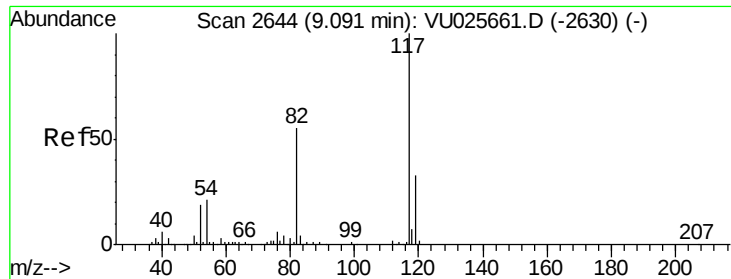
Tot Ion: 98 Resp: 437980
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 48.275 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025752.D
Acq: 31 Jul 2018 20:28

Tgt Ion: 95 Resp: 169897
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.2
176 84.7 0.0 162.6

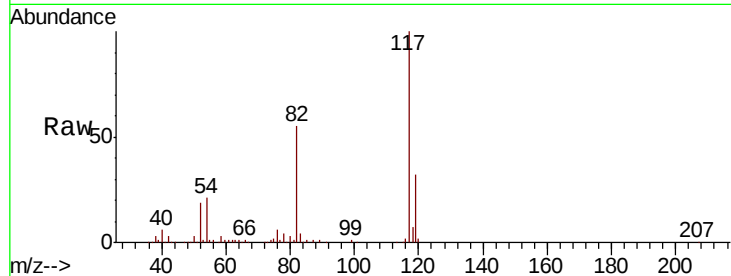




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025752.D
Acq: 31 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	46.0	69.0
119	32.0	26.0	39.0

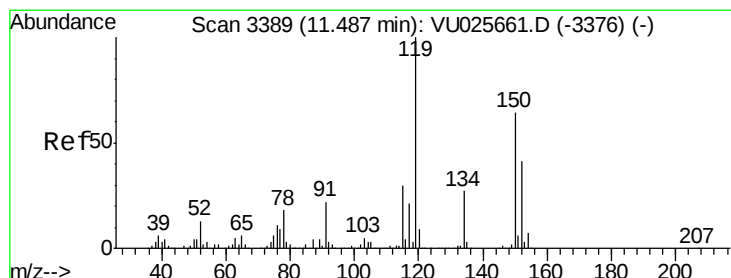
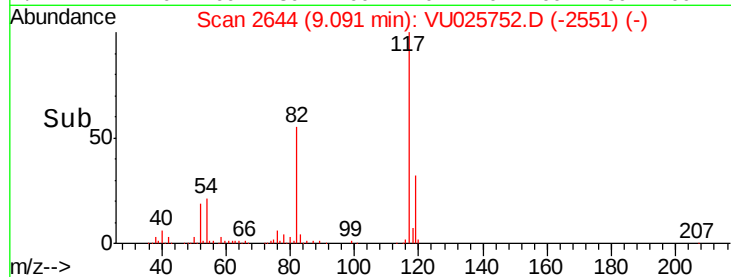
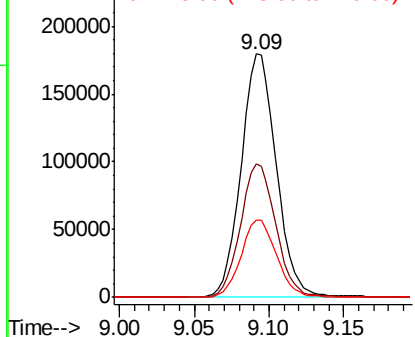


Abundance

Ion 116.90 (116.60 to 117.60): V

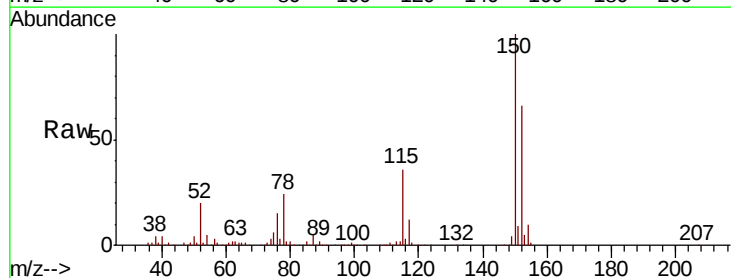
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025752.D
Acq: 31 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	40.1	120.3
150	155.7	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

