

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027248.D
 Acq On : 28 Sep 2018 00:52
 Operator : MD/SY
 Sample : J5020-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-MW-5-8.0-091918

Quant Time: Sep 28 05:10:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

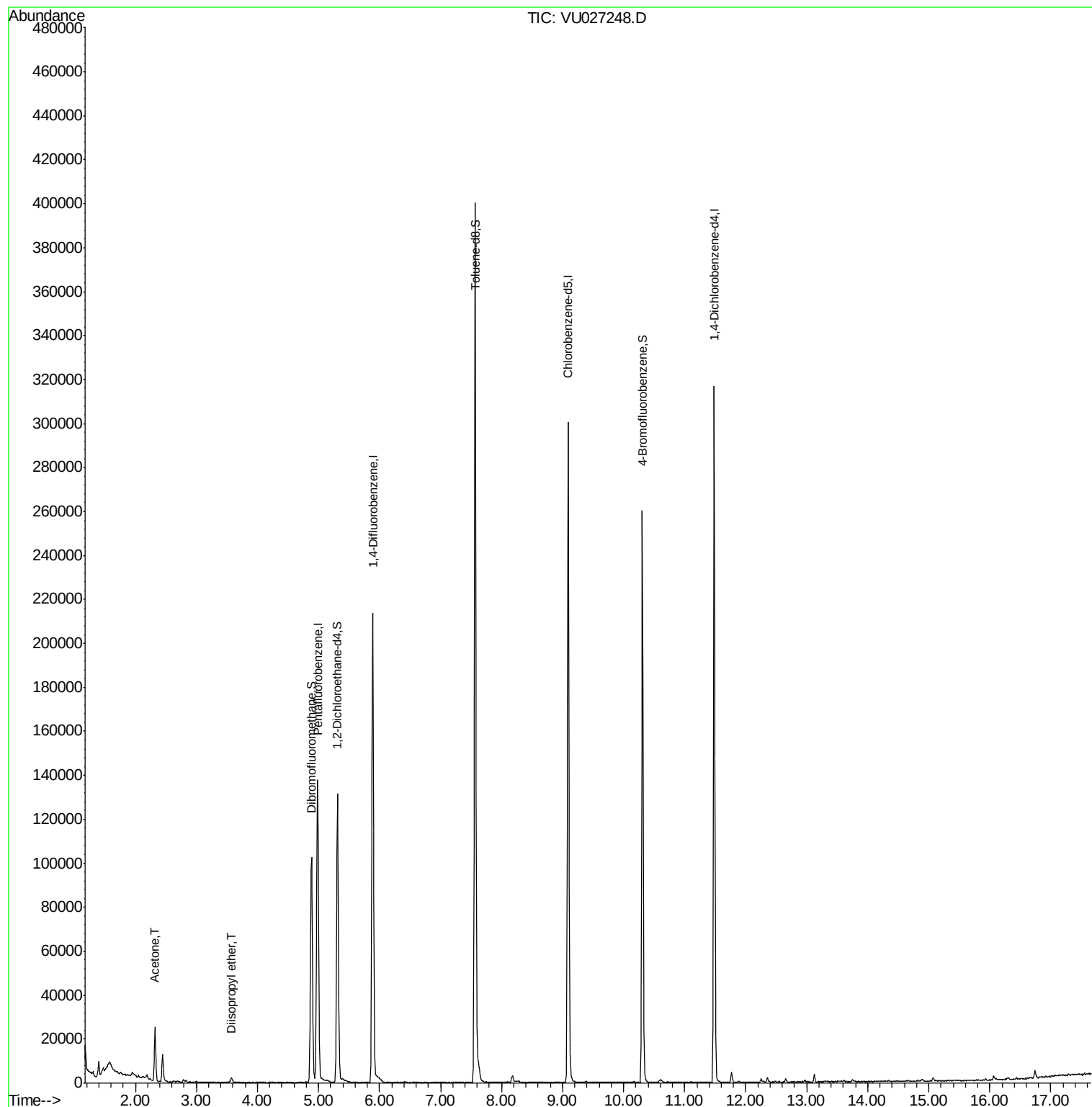
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	95206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	164778	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	158173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	100662	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
35) Dibromofluoromethane	4.89	113	69806	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	7.57	98	264831	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.31	95	86188	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
16) Acetone	2.32	43	26010	9.601	ug/l	99
22) Diisopropyl ether	3.58	45	2083	0.365	ug/l #	94

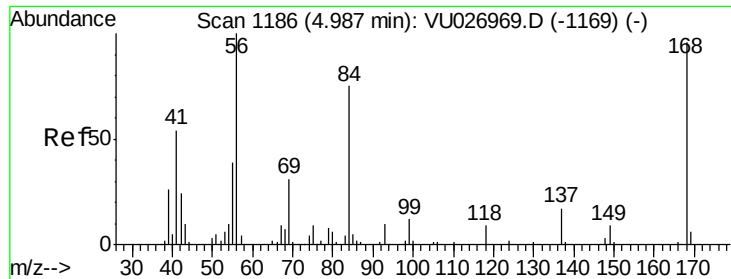
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027248.D

Acq: 28 Sep 2018 00:52

Instrument :

MSVOA_U

ClientSampleId :

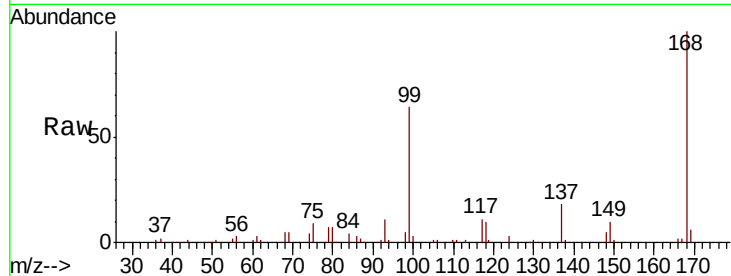
T2-MW-5-8.0-091918

Tot Ion:168 Resp: 95206

Ion Ratio Lower Upper

168 100

99 63.9 48.1 72.1



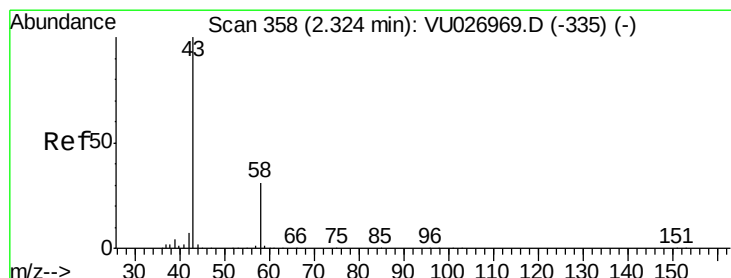
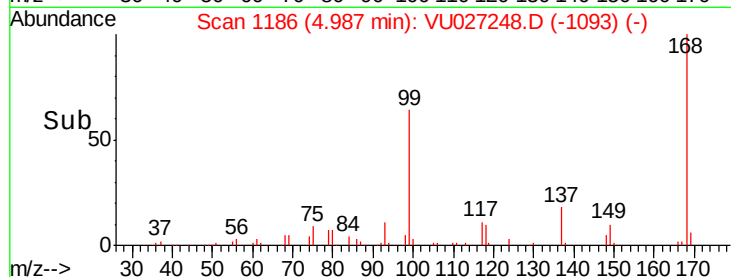
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 9.601 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027248.D

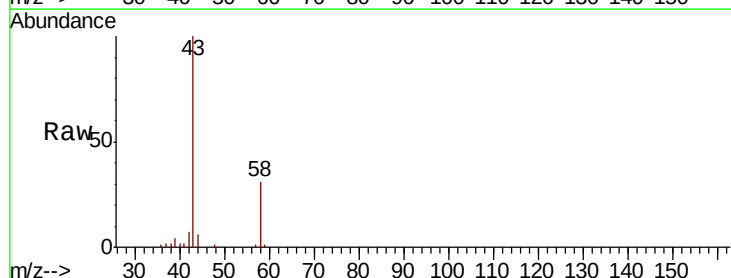
Acq: 28 Sep 2018 00:52

Tgt Ion: 43 Resp: 26010

Ion Ratio Lower Upper

43 100

58 31.3 24.6 36.8



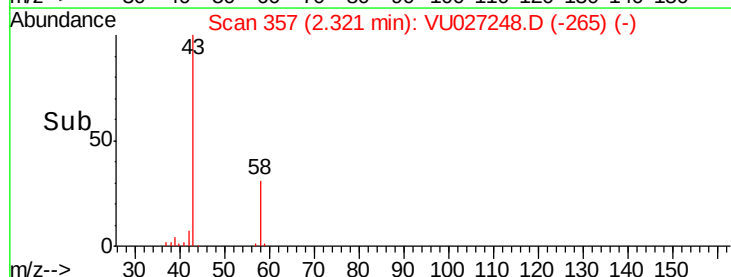
Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

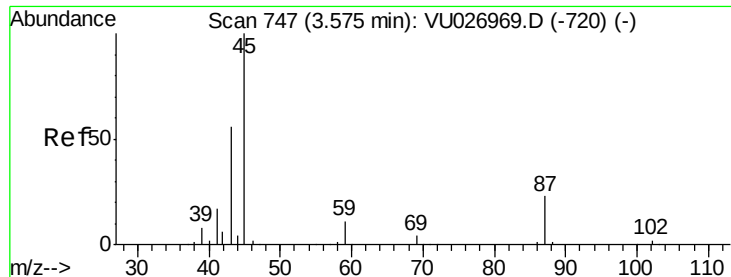
Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)

2.32

2.25 2.30 2.35 2.40

Time-->





#22

Diisopropyl ether

Concen: 0.365 ug/l

RT: 3.58 min Scan# 749

Delta R.T. 0.01 min

Lab File: VU027248.D

Acq: 28 Sep 2018 00:52

Instrument :

MSVOA_U

ClientSampleId :

T2-MW-5-8.0-091918

Tot Ion: 45 Resp: 2083

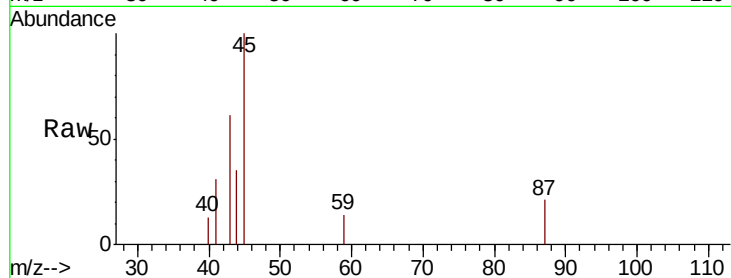
Ion Ratio Lower Upper

45 100

43 61.4 45.8 68.6

87 21.2 18.6 28.0

59 14.0 9.0 13.4#

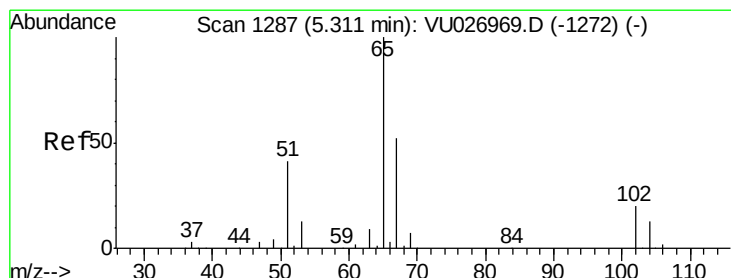
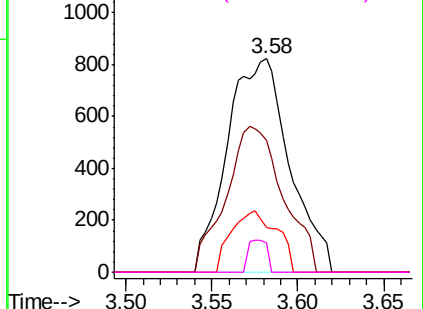
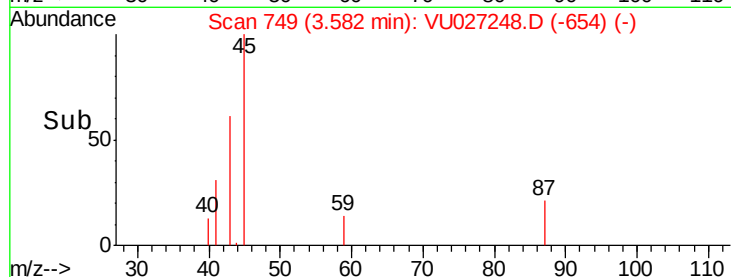


Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 52.533 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027248.D

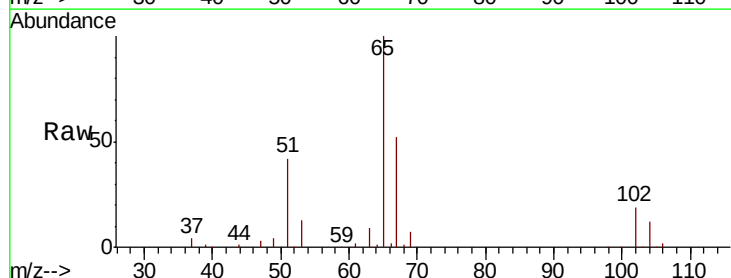
Acq: 28 Sep 2018 00:52

Tgt Ion: 65 Resp: 100662

Ion Ratio Lower Upper

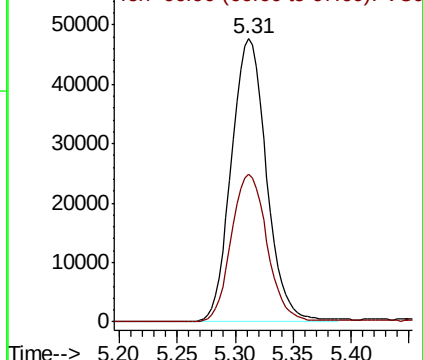
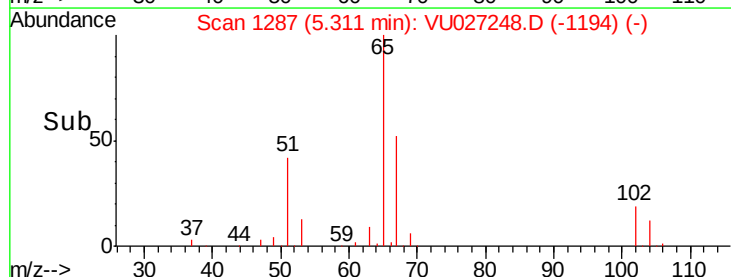
65 100

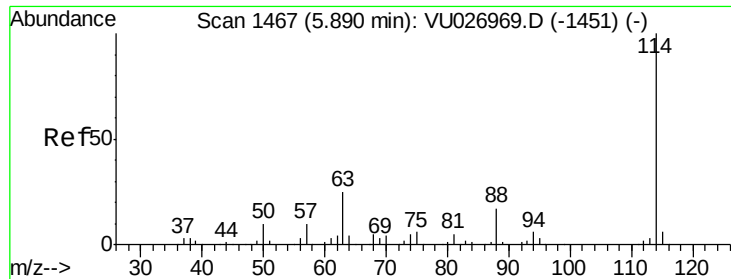
67 53.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

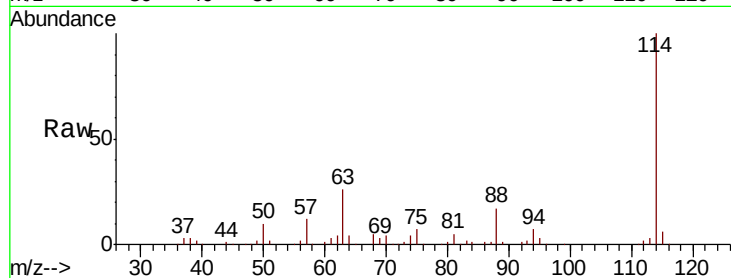




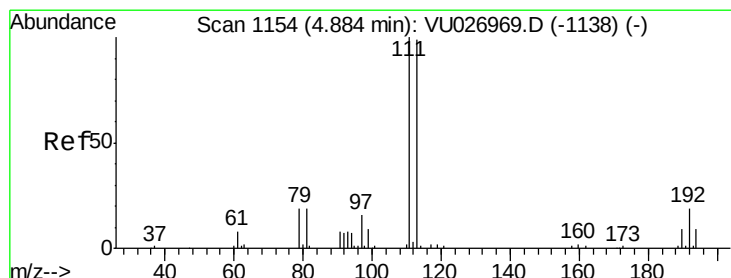
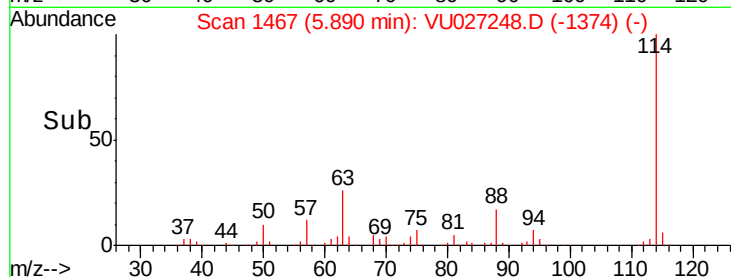
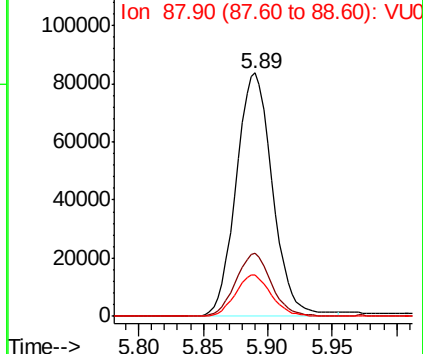
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027248.D
 Acq: 28 Sep 2018 00:52

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-MW-5-8.0-091918

Tot Ion:114 Resp: 164778
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.2
 88 17.0 0.0 33.8

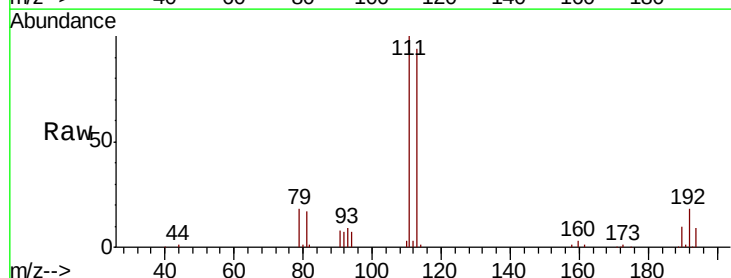


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

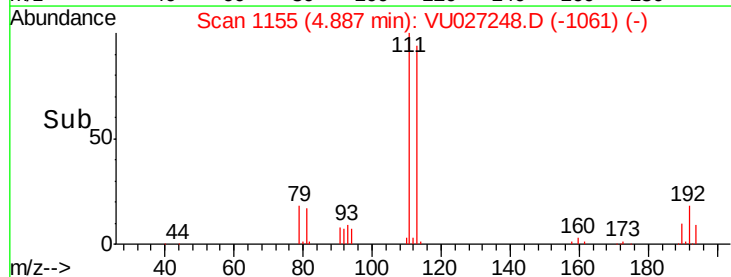
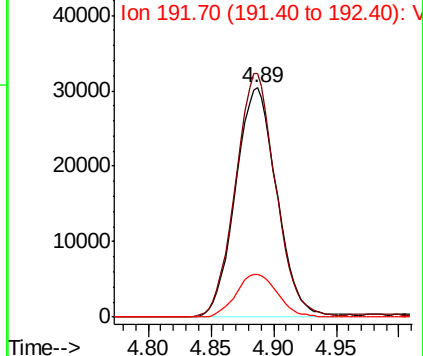


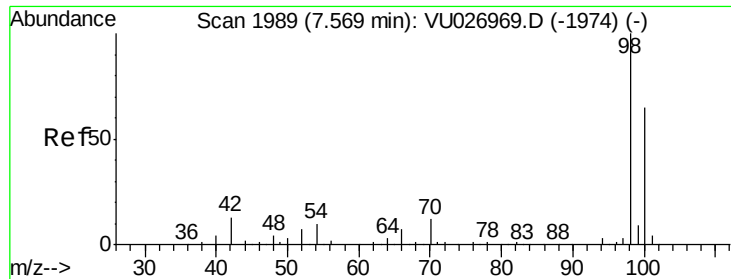
#35
 Dibromofluoromethane
 Concen: 48.874 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027248.D
 Acq: 28 Sep 2018 00:52

Tgt Ion:113 Resp: 69806
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 18.7 15.2 22.8



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: 48.653 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027248.D

Acq: 28 Sep 2018 00:52

Instrument :

MSVOA_U

ClientSampleId :

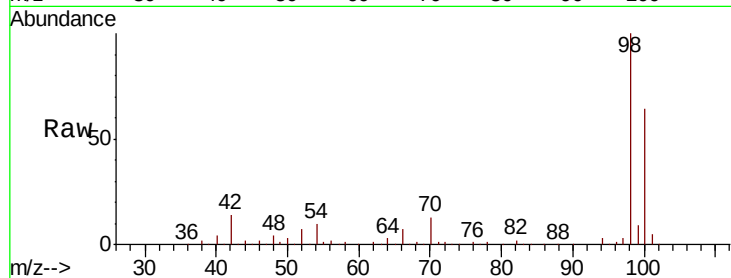
T2-MW-5-8.0-091918

Tot Ion: 98 Resp: 264831

Ion Ratio Lower Upper

98 100

100 63.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

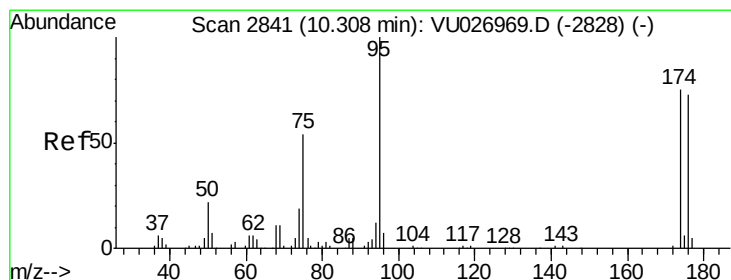
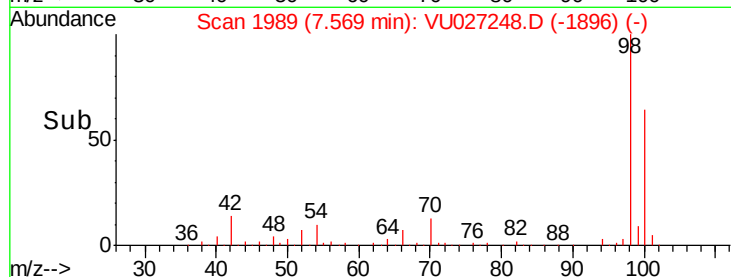
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.145 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027248.D

Acq: 28 Sep 2018 00:52

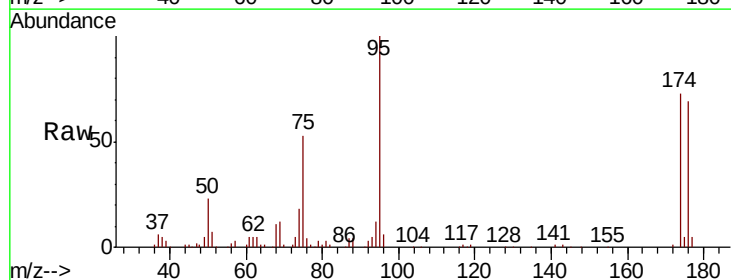
Tgt Ion: 95 Resp: 86188

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.2

176 70.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

10.31

60000

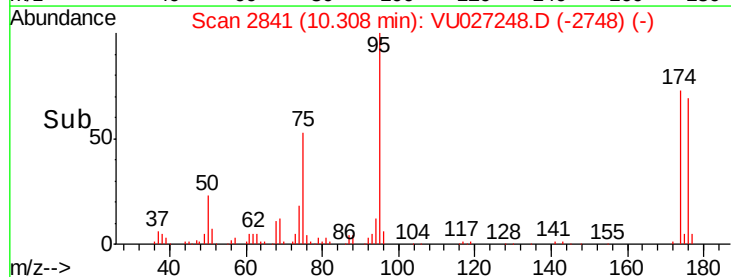
40000

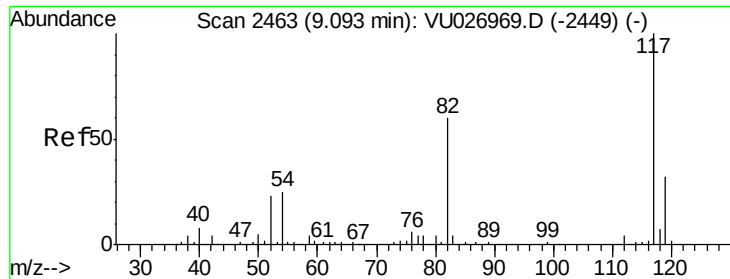
20000

0

10.25 10.30 10.35 10.40

Time-->

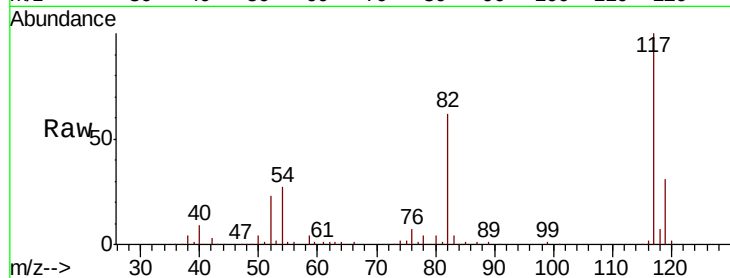




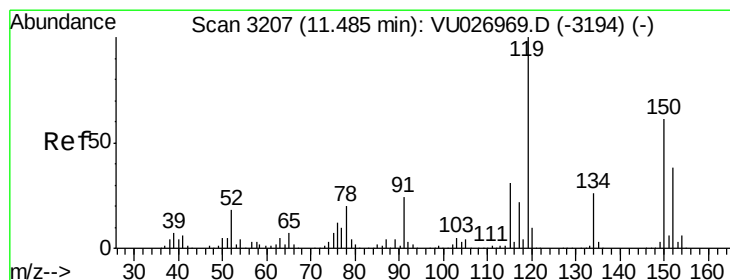
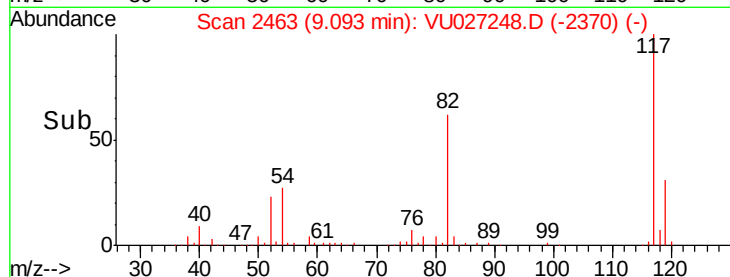
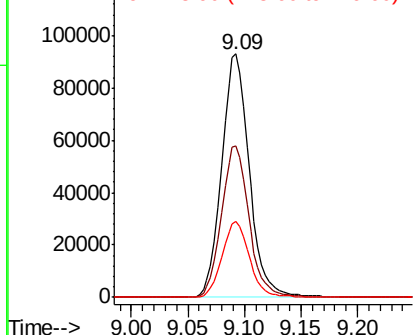
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027248.D
Acq: 28 Sep 2018 00:52

Instrument :
MSVOA_U
ClientSampleId :
T2-MW-5-8.0-091918

Tot Ion:117 Resp: 158173
Ion Ratio Lower Upper
117 100
82 62.0 48.0 72.0
119 31.0 25.8 38.8

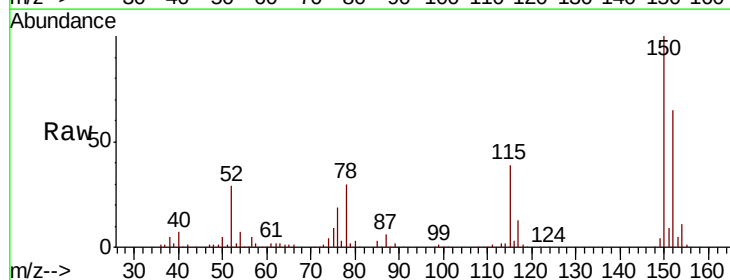


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027248.D
Acq: 28 Sep 2018 00:52

Tgt Ion:152 Resp: 75623
Ion Ratio Lower Upper
152 100
115 60.4 44.9 134.5
150 156.1 0.0 355.8



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

