

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027048.D
 Acq On : 23 Sep 2018 04:34
 Operator : MD/SY
 Sample : J4958-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20180915

Quant Time: Sep 24 06:35:51 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	90913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	152824	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68236	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	94074	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
35) Dibromofluoromethane	4.88	113	65481	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	7.57	98	246251	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	10.31	95	79560	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	

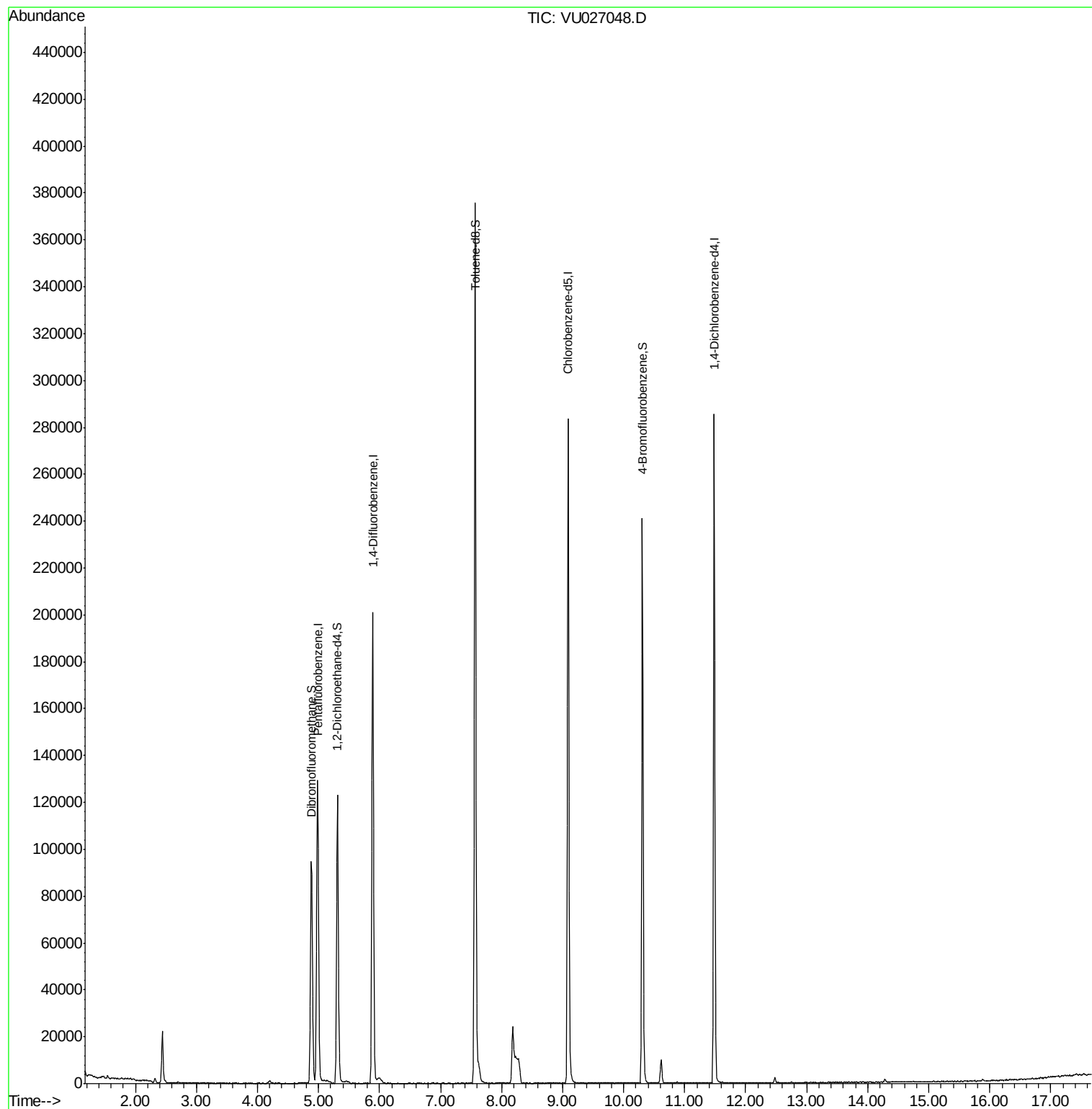
Target Compounds	Qvalue
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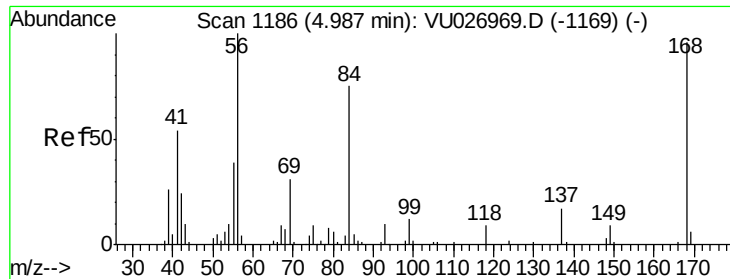
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027048.D

Acq: 23 Sep 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

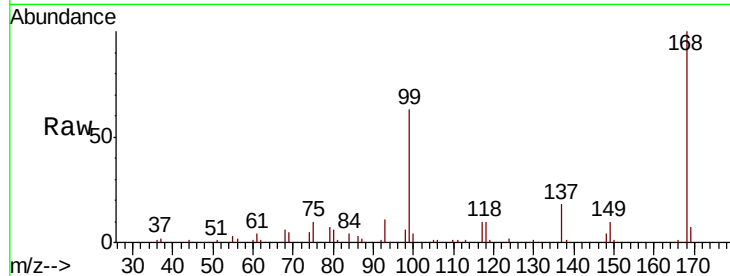
BP-MH-SW4001-SOUTH-20180915

Tot Ion:168 Resp: 90913

Ion Ratio Lower Upper

168 100

99 62.9 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

40000

30000

20000

10000

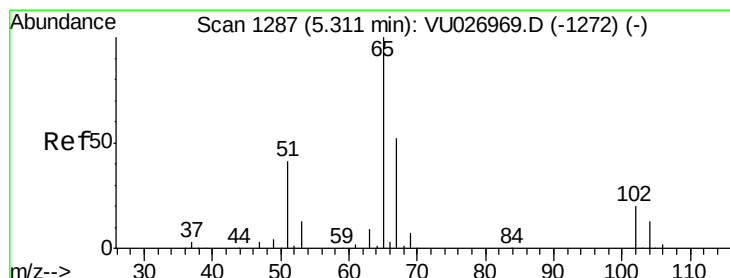
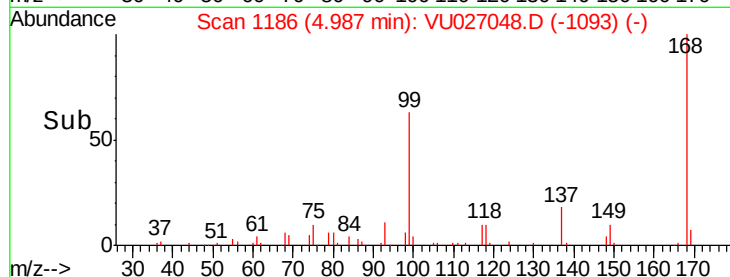
0

4.90

5.00

5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.413 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027048.D

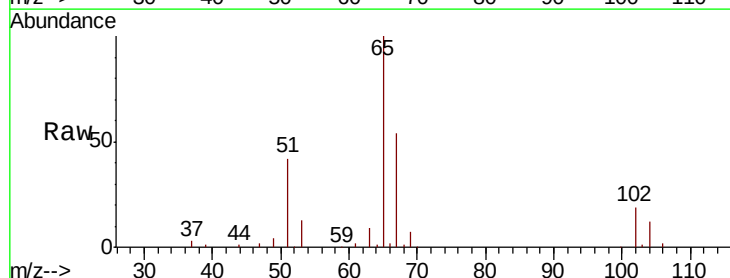
Acq: 23 Sep 2018 04:34

Tgt Ion: 65 Resp: 94074

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

50000

40000

30000

20000

10000

0

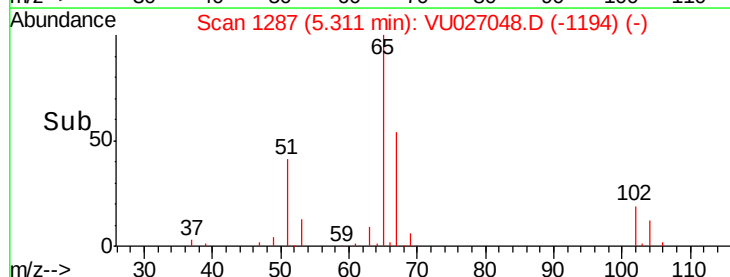
5.25

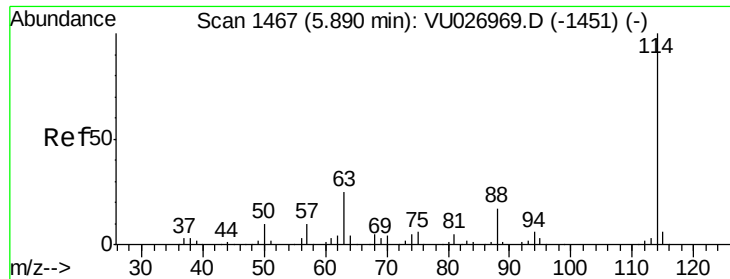
5.30

5.35

5.40

Time-->

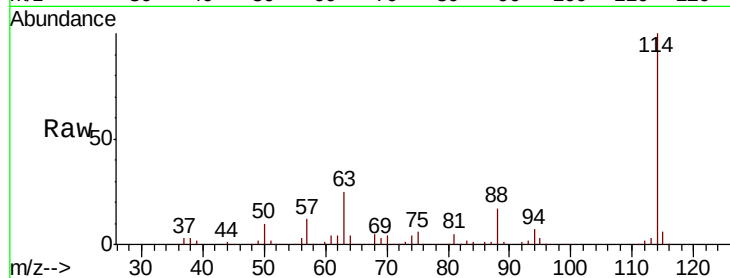




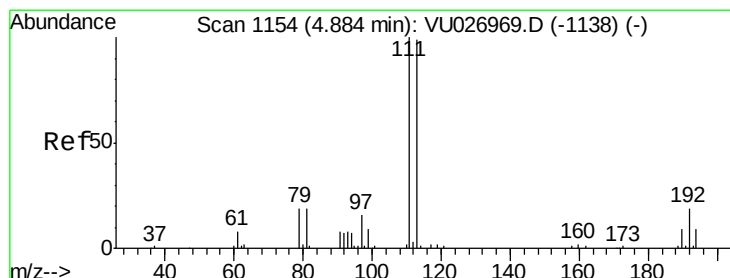
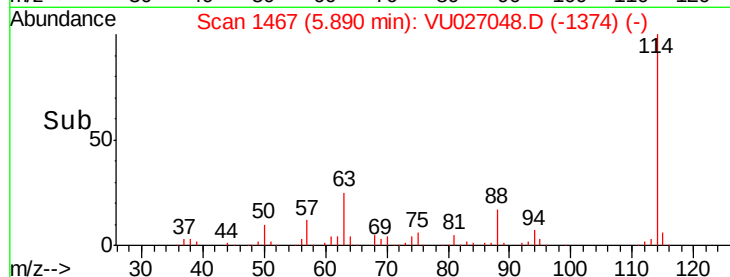
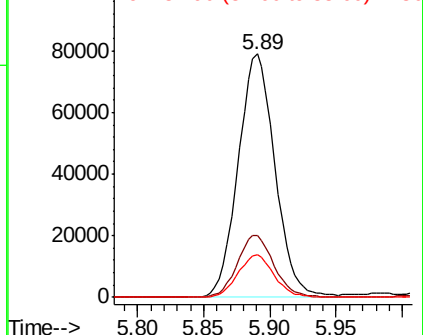
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027048.D
 Acq: 23 Sep 2018 04:34

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20180915

Tot Ion:114 Resp: 152824
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 17.5 0.0 33.8

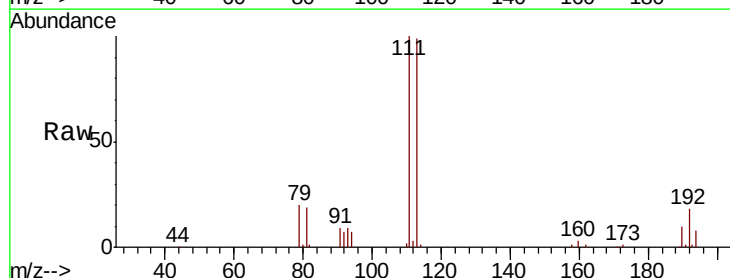


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

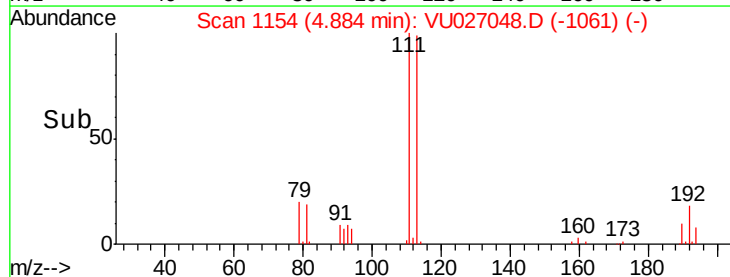
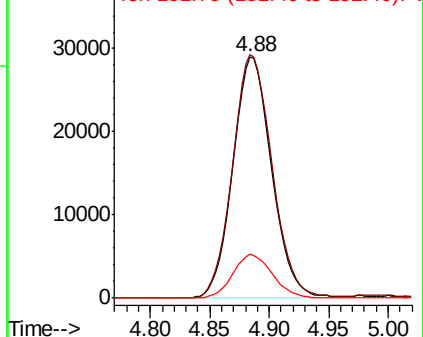


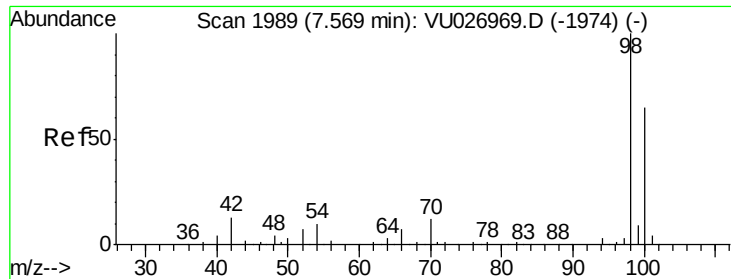
#35
 Dibromofluoromethane
 Concen: 49.432 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027048.D
 Acq: 23 Sep 2018 04:34

Tgt Ion:113 Resp: 65481
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 18.2 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

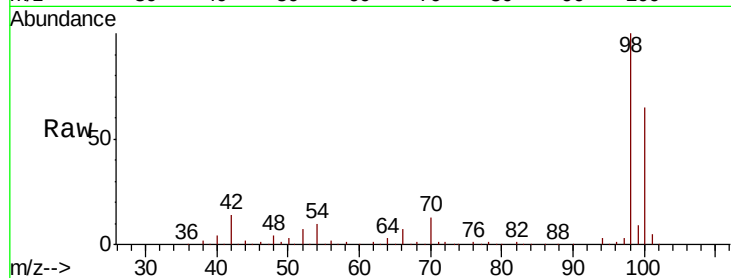




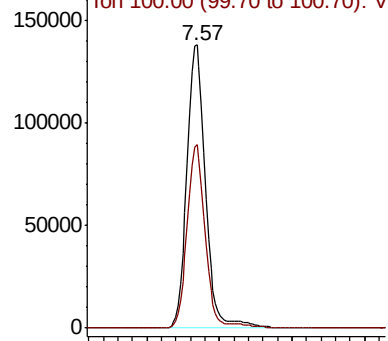
#50
Toluene-d8
Concen: 48.778 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027048.D
Acq: 23 Sep 2018 04:34

Instrument :
MSVOA_U
ClientSampleId :
BP-MH-SW4001-SOUTH-20180915

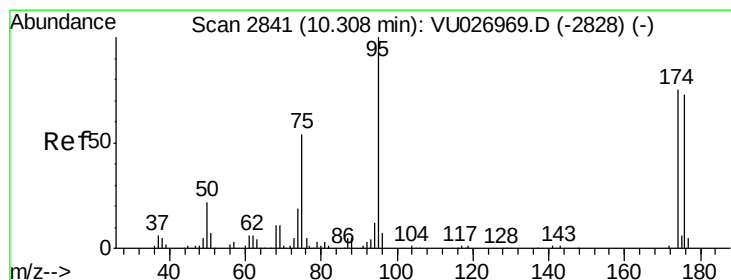
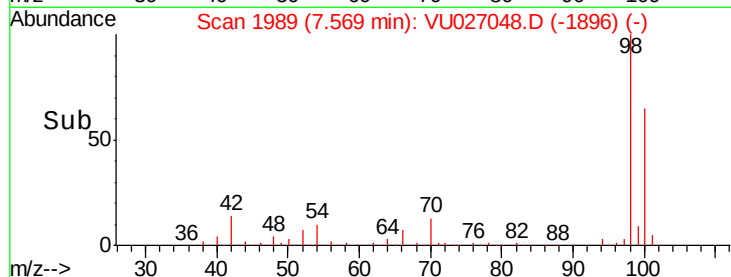
Tot Ion: 98 Resp: 246251
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)
Ion 100.00 (99.70 to 100.70): VU027048.D (-1896) (-)

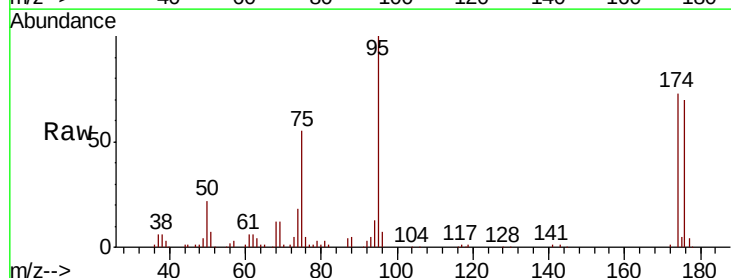


Time-->

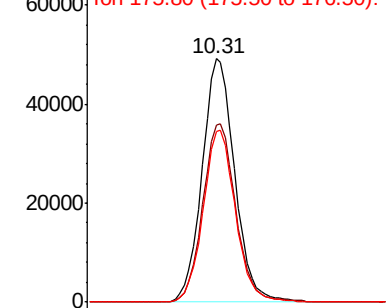


#62
4-Bromofluorobenzene
Concen: 45.928 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027048.D
Acq: 23 Sep 2018 04:34

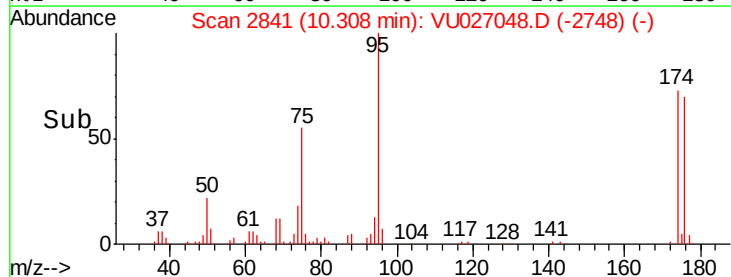
Tgt Ion: 95 Resp: 79560
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.2
176 70.1 0.0 145.2

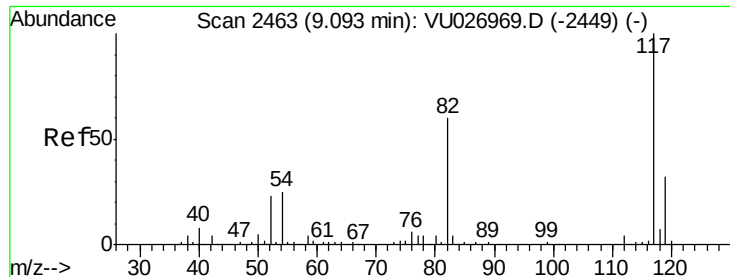


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027048.D (-2748) (-)



Time-->

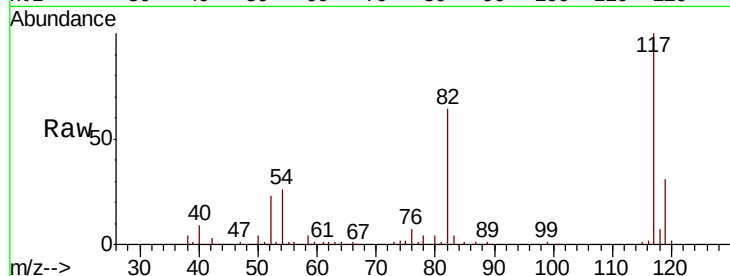




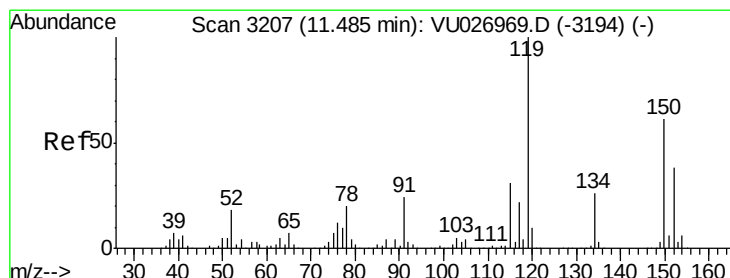
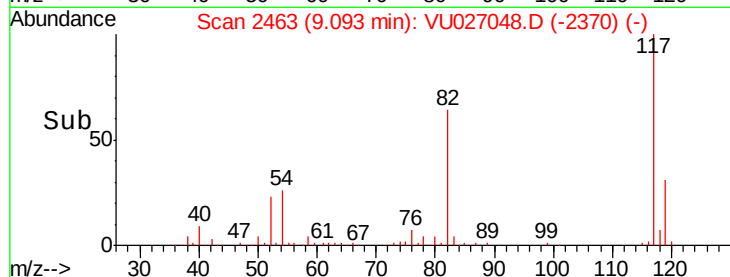
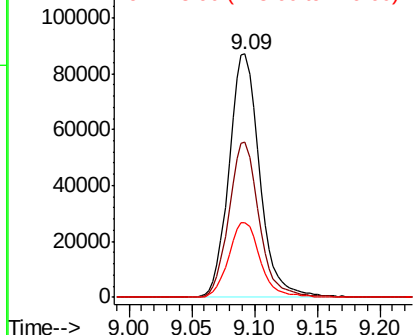
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027048.D
Acq: 23 Sep 2018 04:34

Instrument :
MSVOA_U
ClientSampleId :
BP-MH-SW4001-SOUTH-20180915

Tot Ion:117 Resp: 147662
Ion Ratio Lower Upper
117 100
82 63.5 48.0 72.0
119 30.9 25.8 38.8

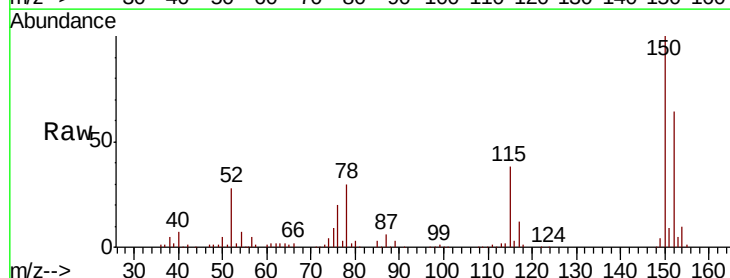


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027048.D
Acq: 23 Sep 2018 04:34

Tgt Ion:152 Resp: 68236
Ion Ratio Lower Upper
152 100
115 59.8 44.9 134.5
150 157.6 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

