

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027235.D
 Acq On : 27 Sep 2018 19:50
 Operator : MD/SY
 Sample : J5072-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-726

Quant Time: Sep 28 04:25:39 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

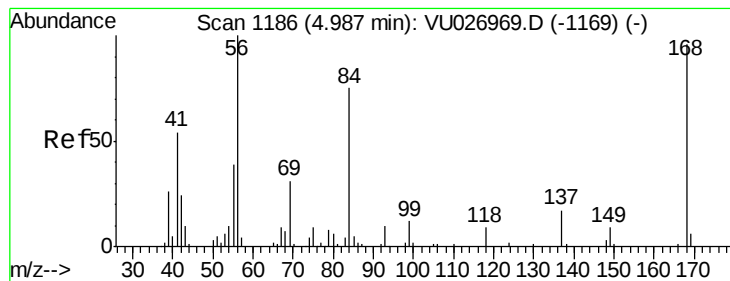
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	93038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158467	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	69820	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97592	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	4.88	113	69614	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	7.57	98	254570	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.31	95	79758	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	

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# 1186

Delta R.T. 0.00 min

Lab File: VU027235.D

Acq: 27 Sep 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

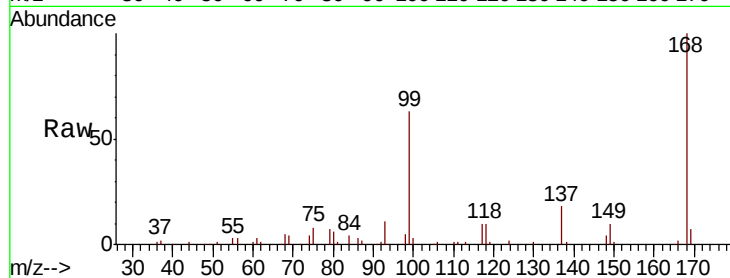
MH-726

Tot Ion:168 Resp: 93038

Ion Ratio Lower Upper

168 100

99 63.0 48.1 72.1



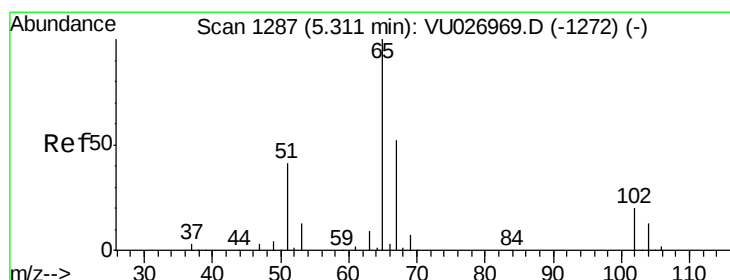
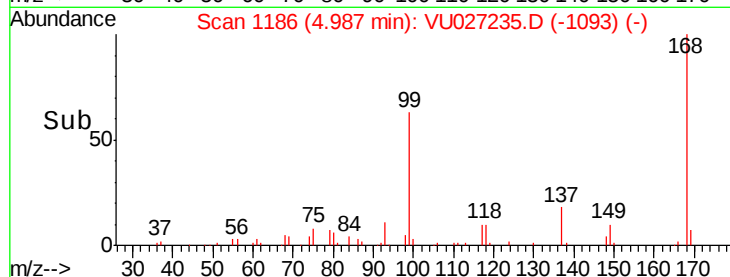
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.117 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027235.D

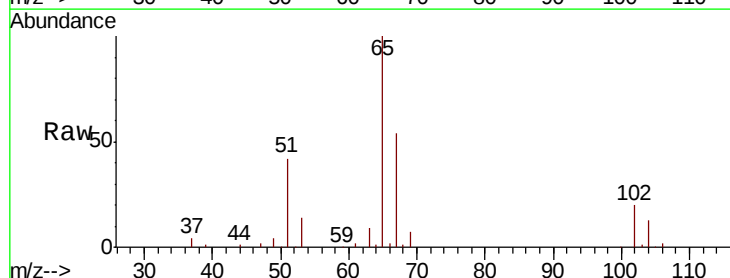
Acq: 27 Sep 2018 19:50

Tgt Ion: 65 Resp: 97592

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.6



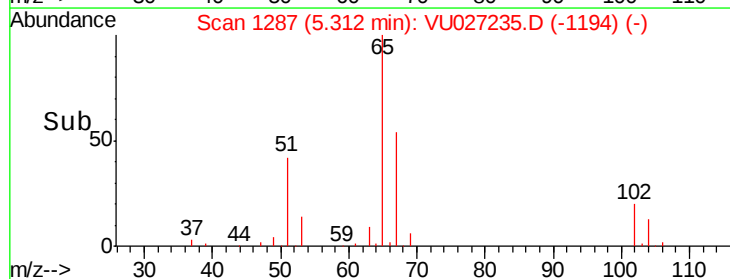
Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

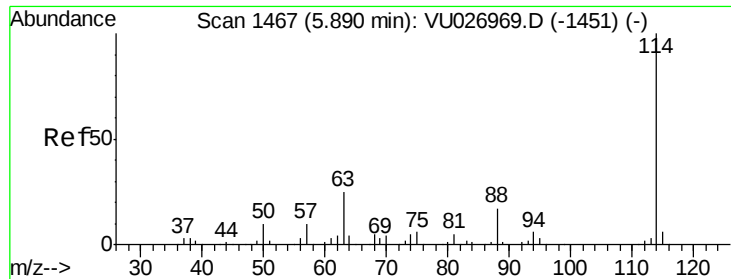
Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

5.25 5.30 5.35 5.40

Time-->

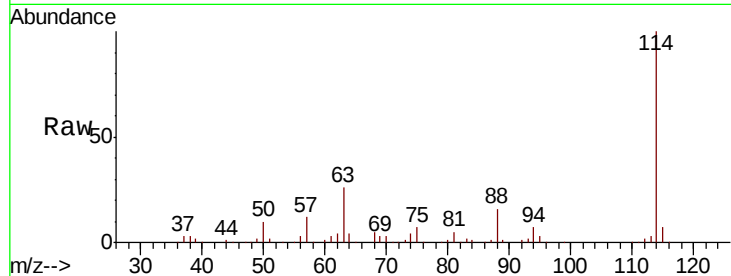




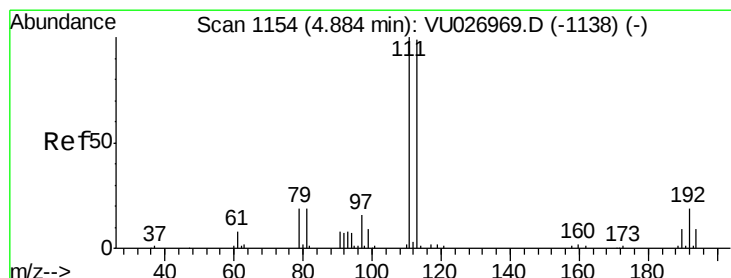
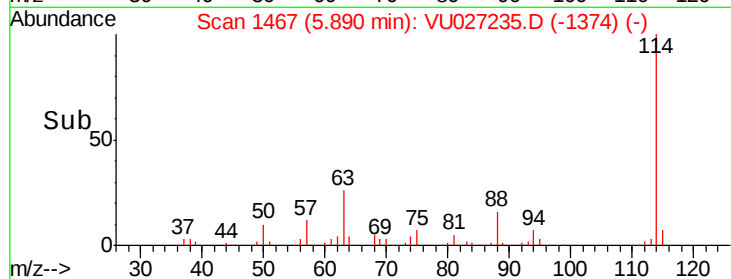
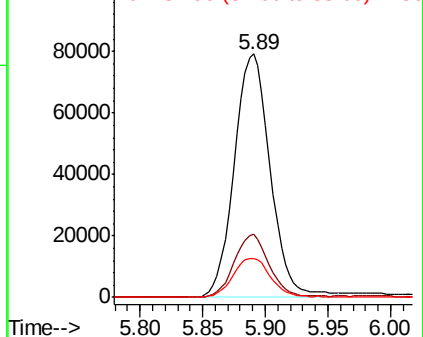
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027235.D
 Acq: 27 Sep 2018 19:50

Instrument :
 MSVOA_U
 ClientSampled :
 MH-726

Tot Ion:114 Resp: 158467
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.2
 88 16.1 0.0 33.8

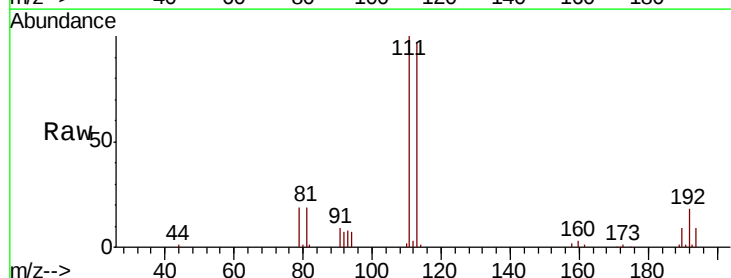


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

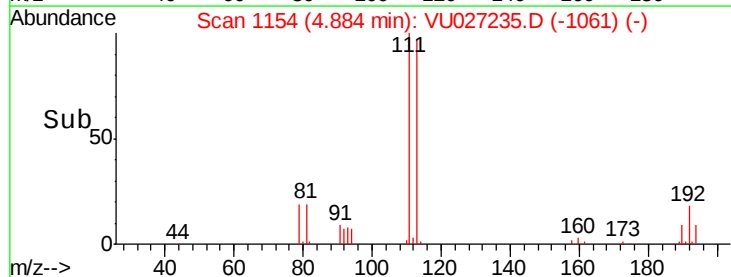
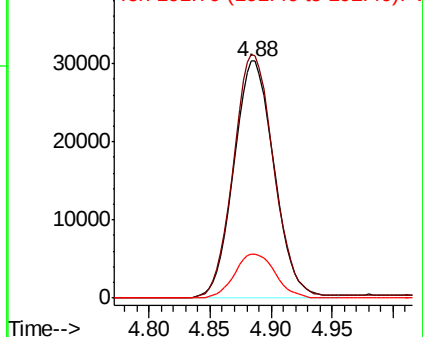


#35
 Dibromofluoromethane
 Concen: 50.680 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027235.D
 Acq: 27 Sep 2018 19:50

Tgt Ion:113 Resp: 69614
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 18.6 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: 48.630 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027235.D

Acq: 27 Sep 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

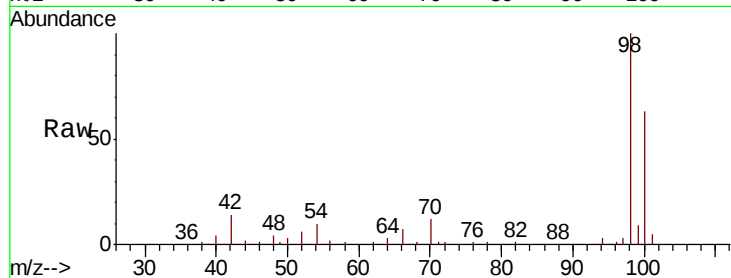
MH-726

Tot Ion: 98 Resp: 254570

Ion Ratio Lower Upper

98 100

100 64.2 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

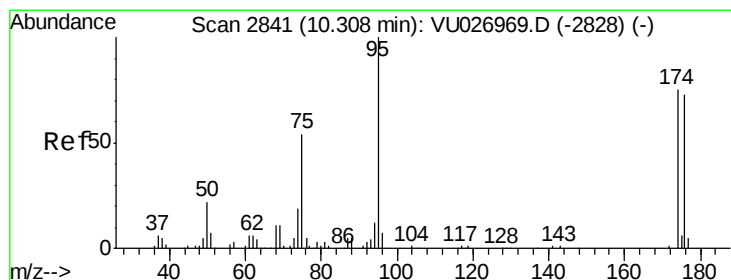
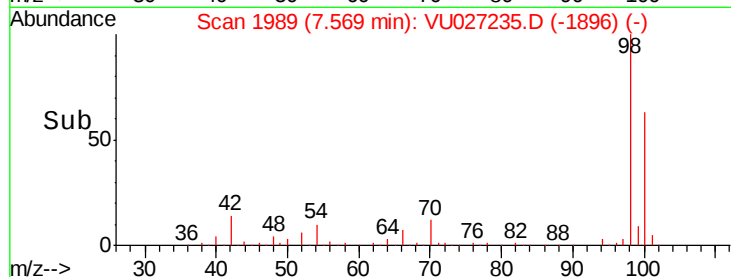
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.403 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027235.D

Acq: 27 Sep 2018 19:50

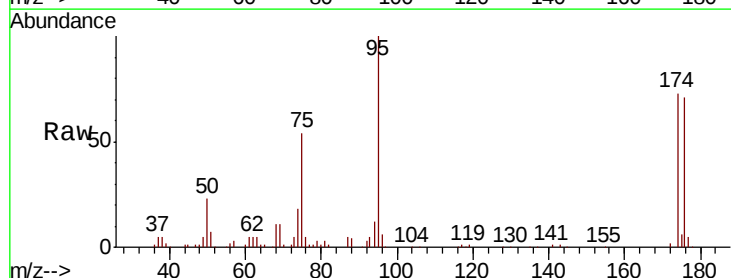
Tgt Ion: 95 Resp: 79758

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

176 72.1 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): VU026969.D (-2828) (-)

10.31

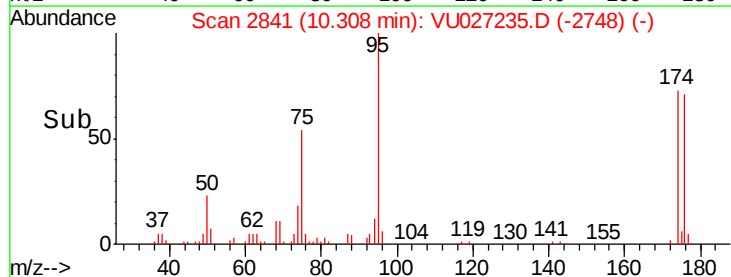
60000

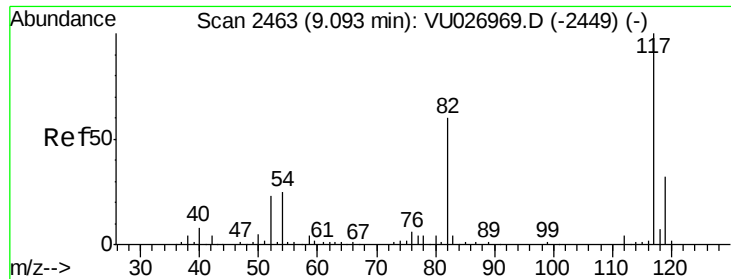
40000

20000

0

Time-->

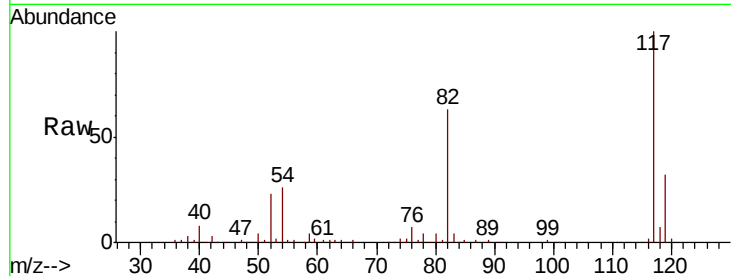




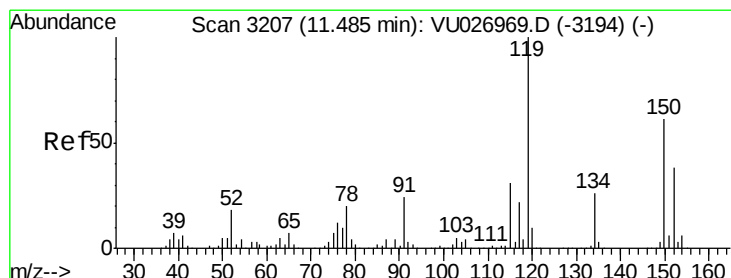
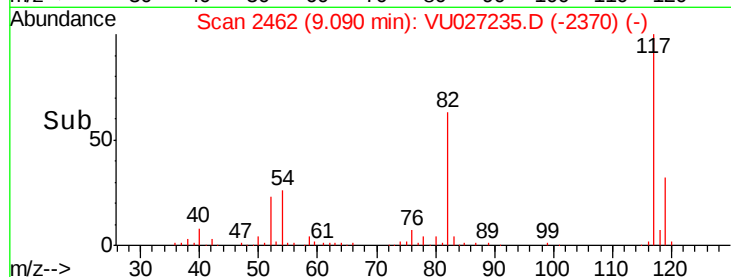
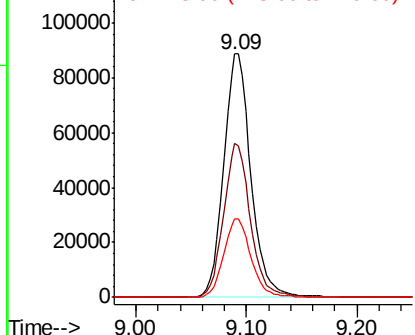
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027235.D
Acq: 27 Sep 2018 19:50

Instrument :
MSVOA_U
ClientSampleId :
MH-726

Tot Ion:117 Resp: 151589
Ion Ratio Lower Upper
117 100
82 63.3 48.0 72.0
119 32.3 25.8 38.8

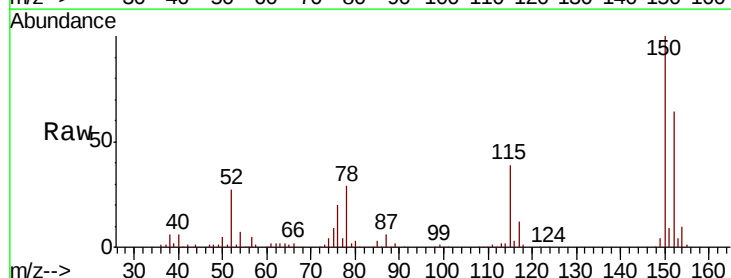


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027235.D
Acq: 27 Sep 2018 19:50

Tgt Ion:152 Resp: 69820
Ion Ratio Lower Upper
152 100
115 60.7 44.9 134.5
150 157.0 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

