

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027182.D
 Acq On : 26 Sep 2018 17:00
 Operator : MD/SY
 Sample : J5049-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-51-SEP18

Quant Time: Sep 27 02:29:03 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

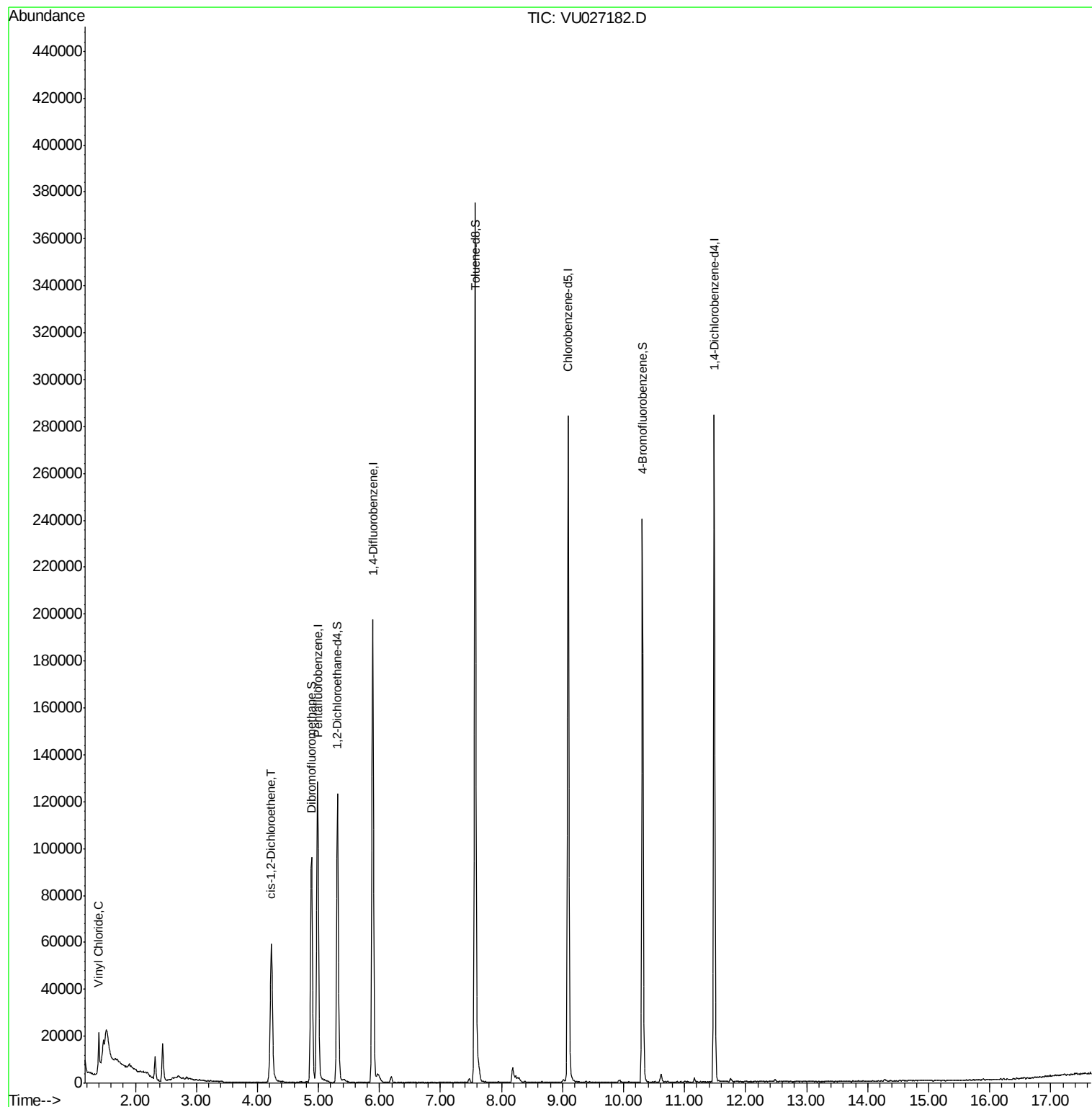
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	88816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	151543	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96269	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
35) Dibromofluoromethane	4.89	113	66147	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	7.57	98	242317	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	10.31	95	79656	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						
4) Vinyl Chloride	1.40	62	9381	5.027	ug/l #	83
27) cis-1,2-Dichloroethene	4.23	96	30228	20.437	ug/l	91

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

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
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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: VU027182.D

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Instrument :

MSVOA_U

ClientSampleId :

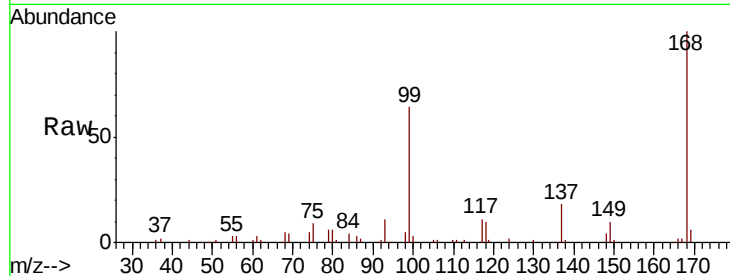
MW-51-SEP18

Tot Ion:168 Resp: 88816

Ion Ratio Lower Upper

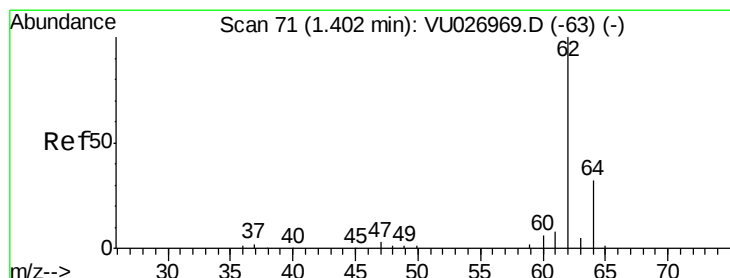
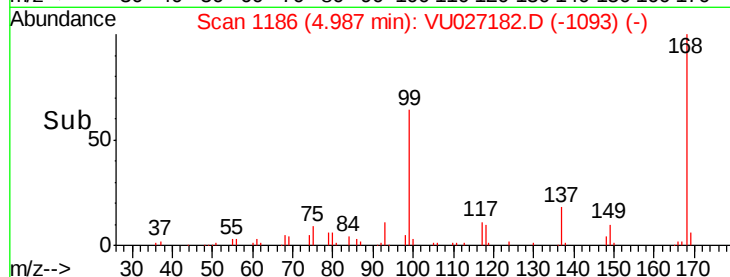
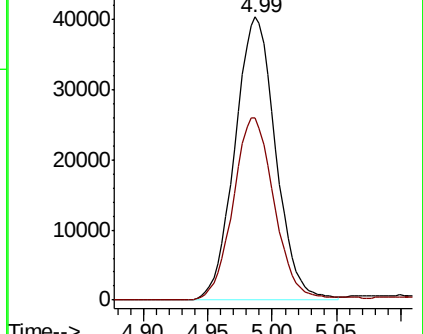
168 100

99 64.3 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU026969.D



#4

Vinyl Chloride

Concen: 5.027 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027182.D

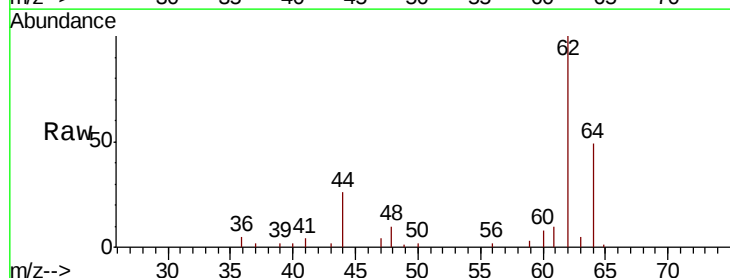
Acq: 26 Sep 2018 17:00

Tgt Ion: 62 Resp: 9381

Ion Ratio Lower Upper

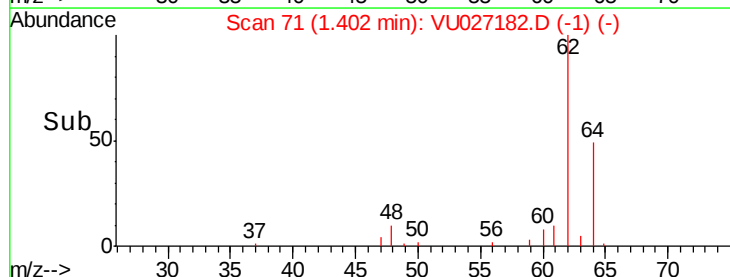
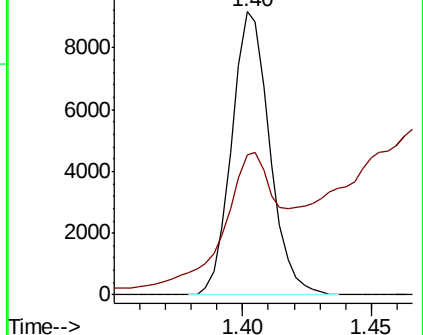
62 100

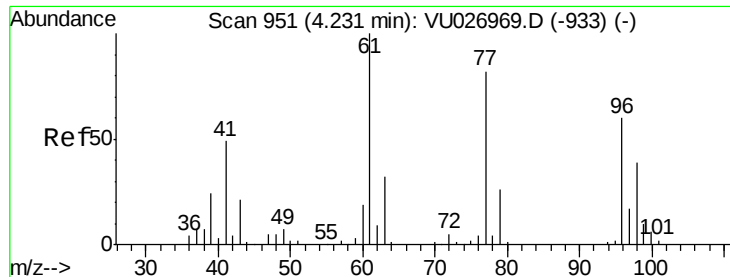
64 41.2 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D

Ion 63.90 (63.60 to 64.60): VU026969.D



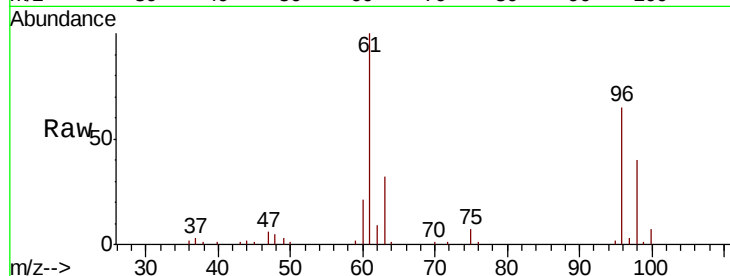


#27

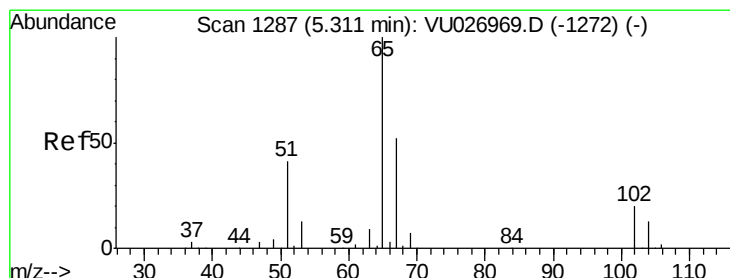
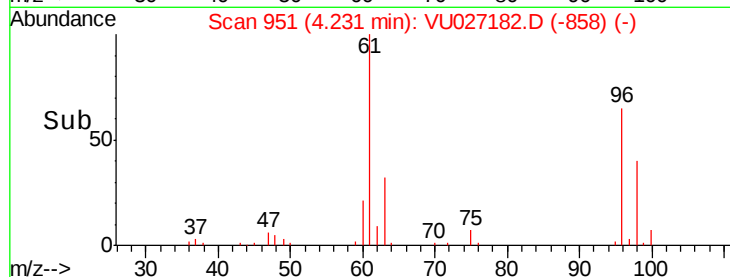
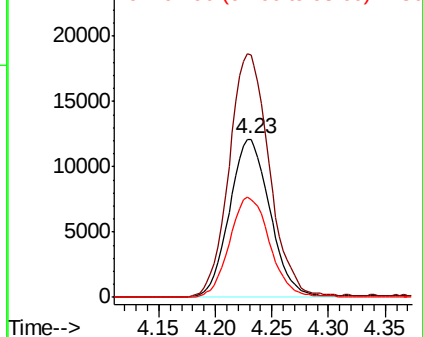
cis-1,2-Dichloroethene
 Concen: 20.437 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027182.D
 Acq: 26 Sep 2018 17:00

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-51-SEP18

Tot Ion: 96 Resp: 30228
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 337.2
 98 62.9 0.0 127.6



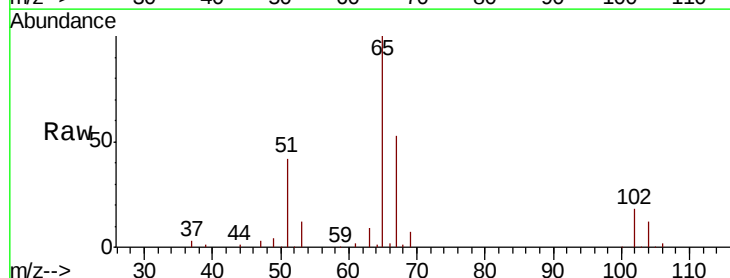
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



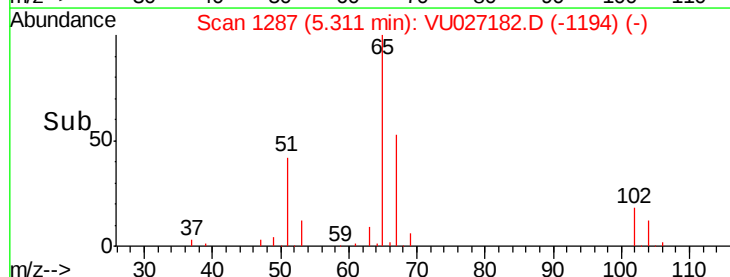
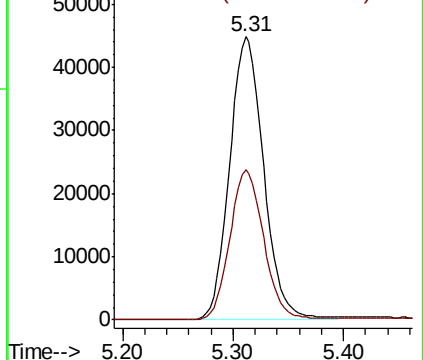
#33

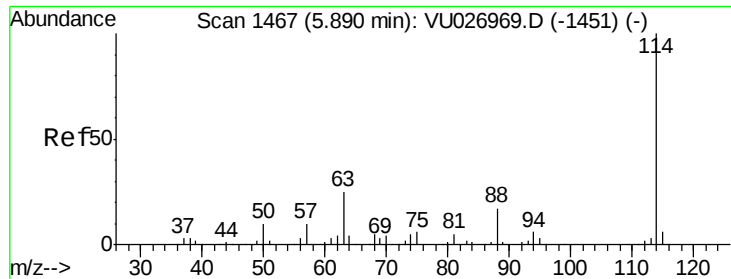
1,2-Dichloroethane-d4
 Concen: 53.855 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027182.D
 Acq: 26 Sep 2018 17:00

Tgt Ion: 65 Resp: 96269
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

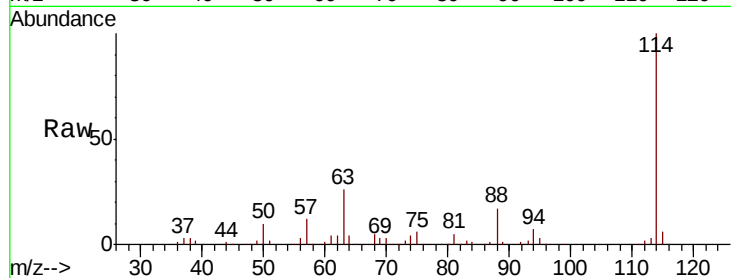




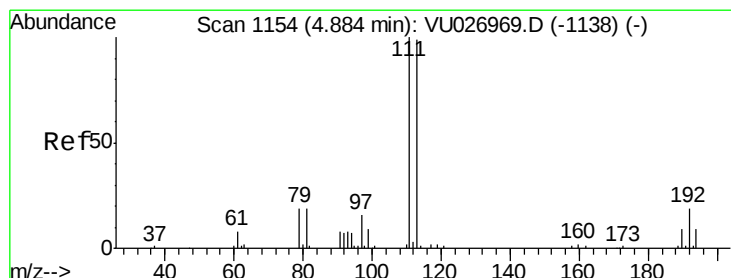
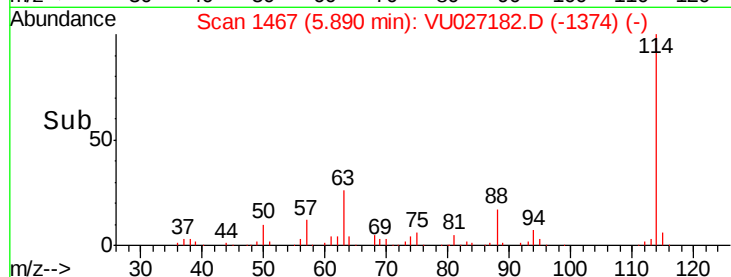
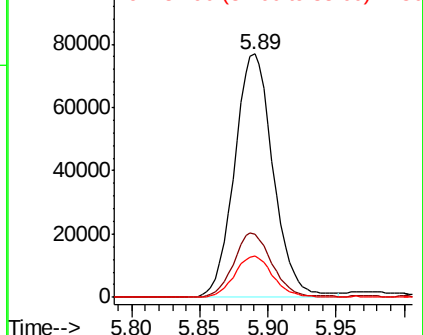
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027182.D
 Acq: 26 Sep 2018 17:00

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-51-SEP18

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.9	0.0	49.2
88	16.9	0.0	33.8

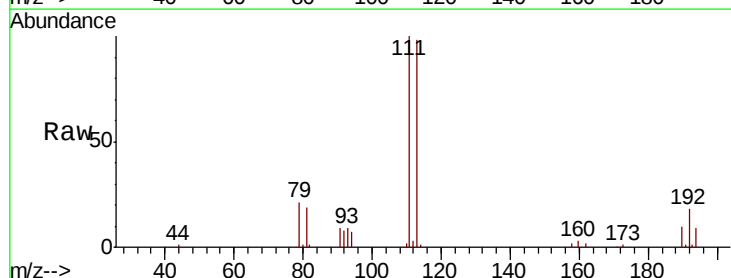


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

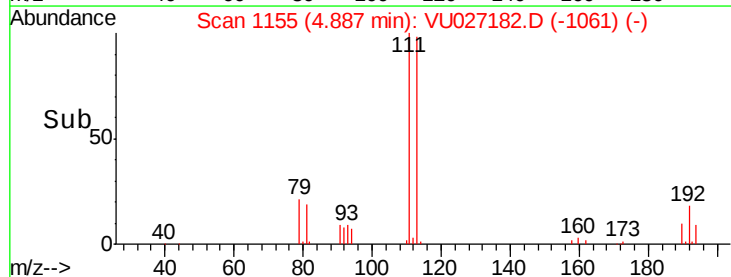
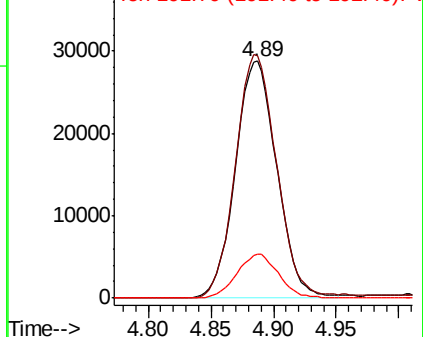


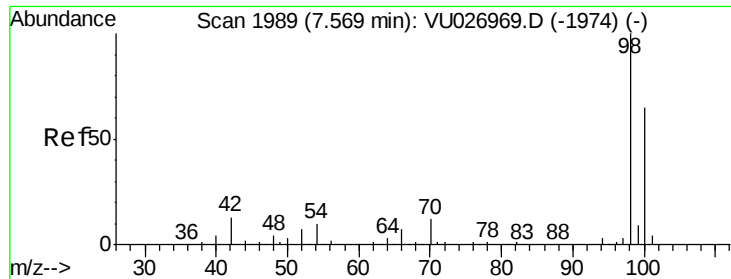
#35
 Dibromofluoromethane
 Concen: 50.356 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027182.D
 Acq: 26 Sep 2018 17:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	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: 48.404 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027182.D

Acq: 26 Sep 2018 17:00

Instrument :

MSVOA_U

ClientSampleId :

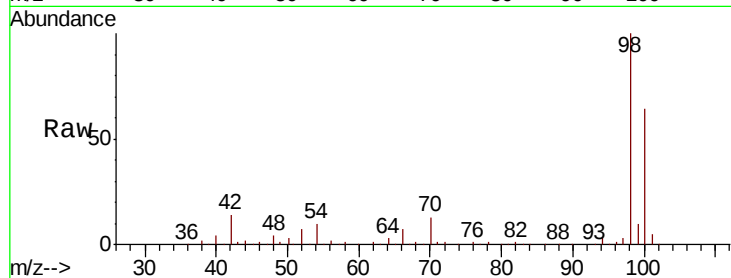
MW-51-SEP18

Tot Ion: 98 Resp: 242317

Ion Ratio Lower Upper

98 100

100 64.7 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

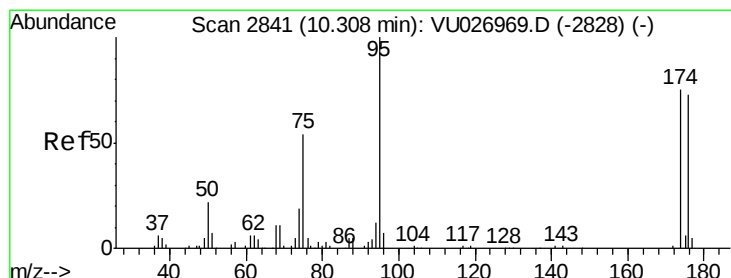
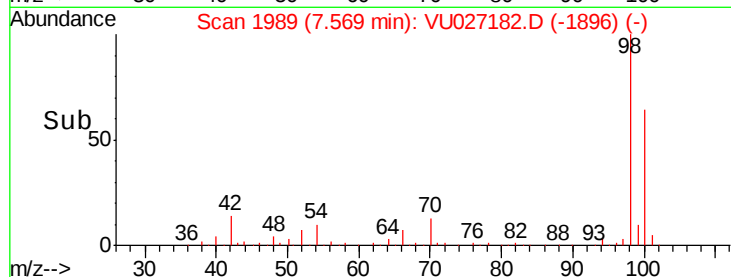
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.372 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027182.D

Acq: 26 Sep 2018 17:00

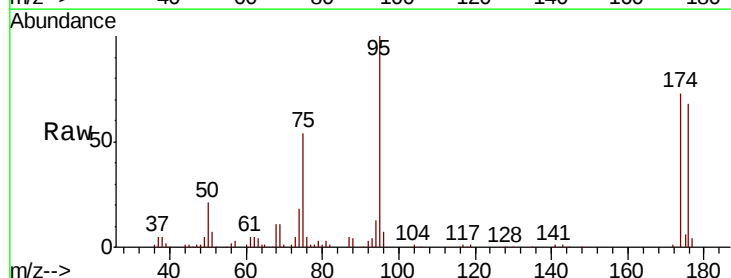
Tgt Ion: 95 Resp: 79656

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.2

176 70.8 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

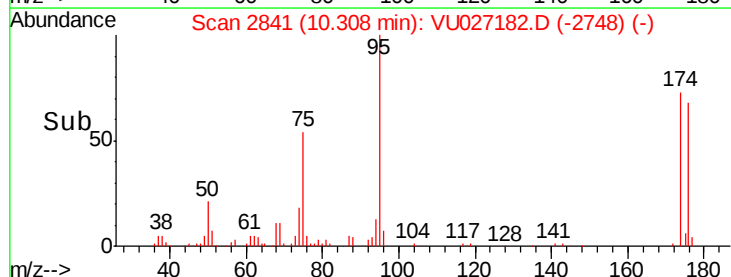
40000

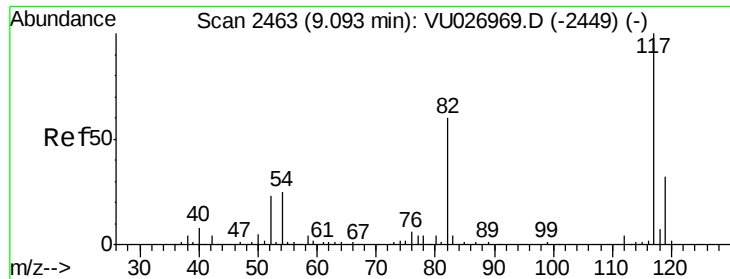
20000

0

10.30 10.40

Time-->

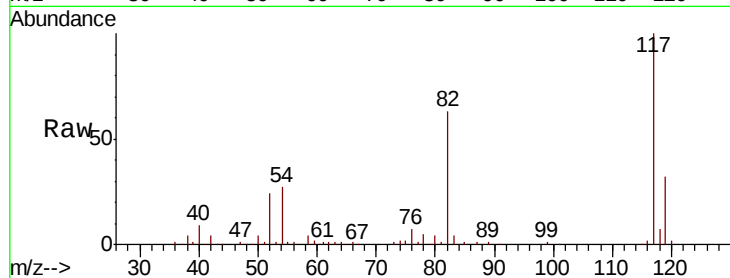




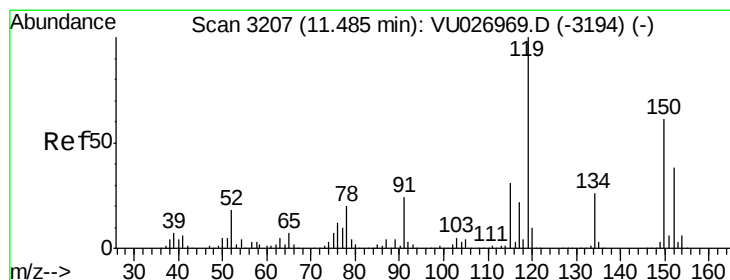
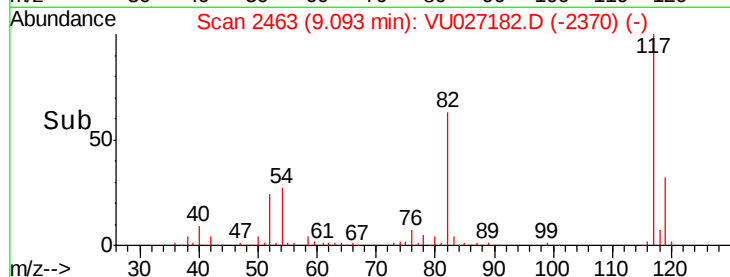
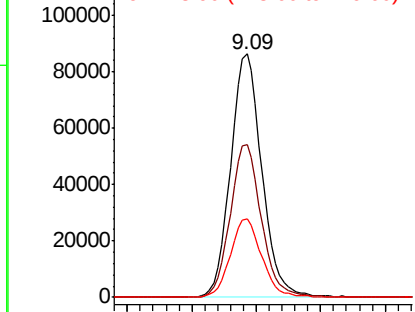
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027182.D
Acq: 26 Sep 2018 17:00

Instrument :
MSVOA_U
ClientSampleId :
MW-51-SEP18

Tot Ion:117 Resp: 145429
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 32.4 25.8 38.8

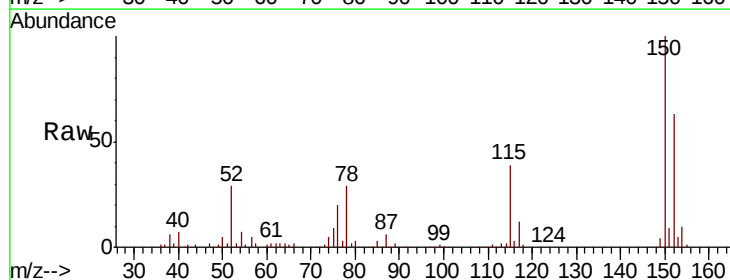


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027182.D
Acq: 26 Sep 2018 17:00

Tgt Ion:152 Resp: 68030
Ion Ratio Lower Upper
152 100
115 61.6 44.9 134.5
150 157.9 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

