

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027230.D
 Acq On : 27 Sep 2018 17:30
 Operator : MD/SY
 Sample : VU0928WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBL01

Quant Time: Sep 28 04:11:48 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	4.98	168	94100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159217	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67552	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99854	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	4.88	113	69975	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	7.57	98	253638	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	10.31	95	78588	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	

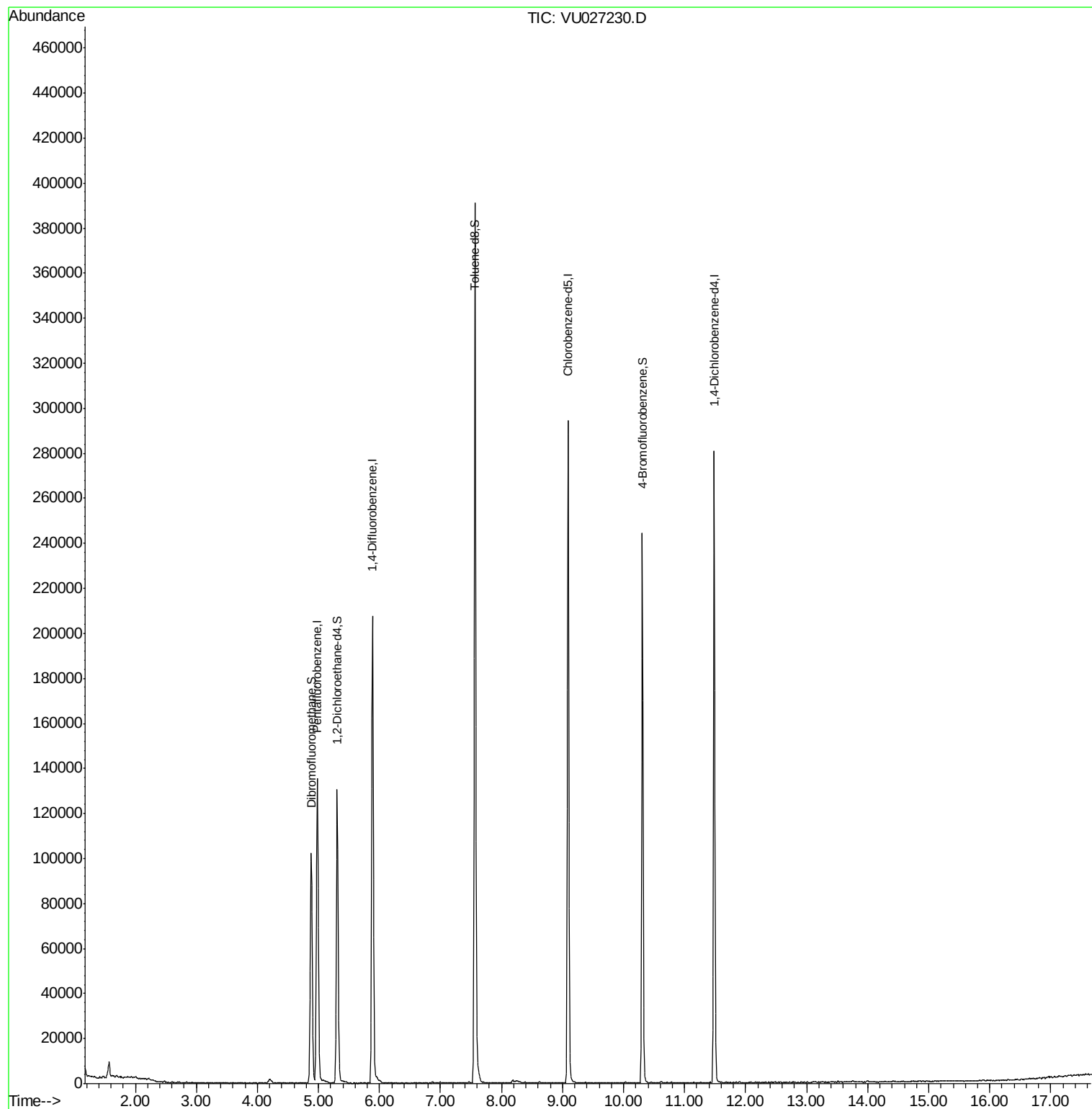
Target Compounds	Qvalue

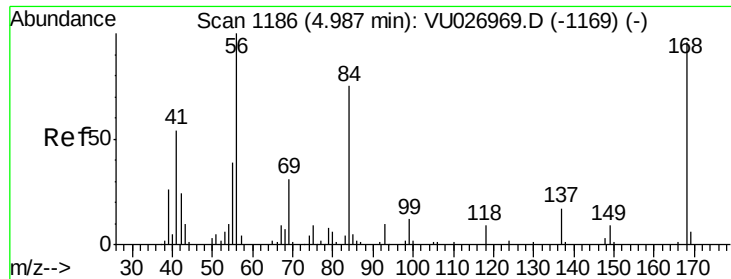
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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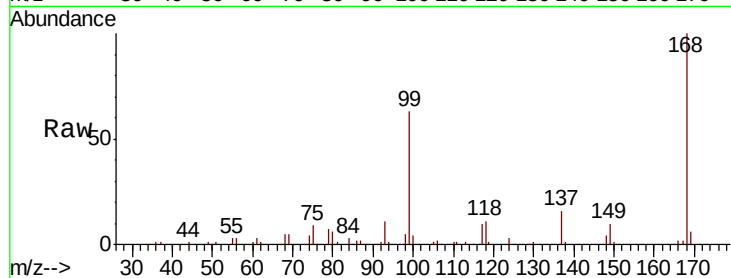




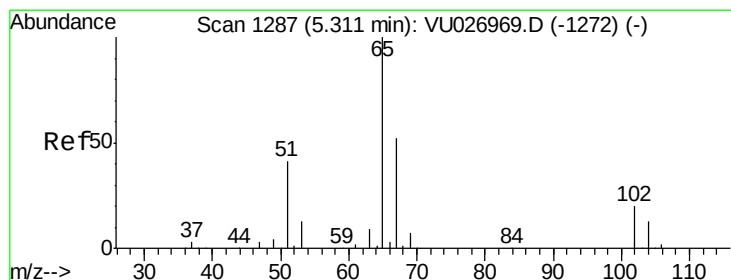
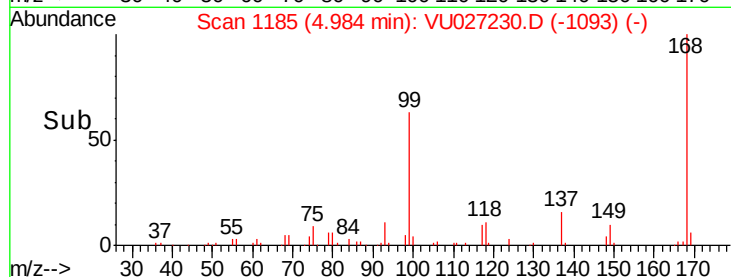
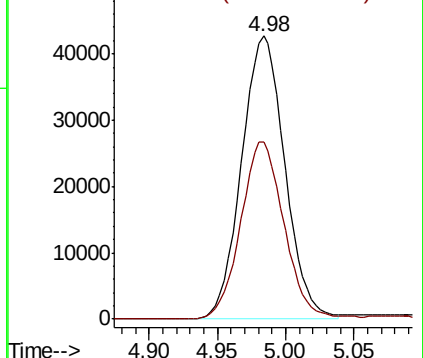
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBL01

Tot Ion:168 Resp: 94100
Ion Ratio Lower Upper
168 100
99 62.5 48.1 72.1

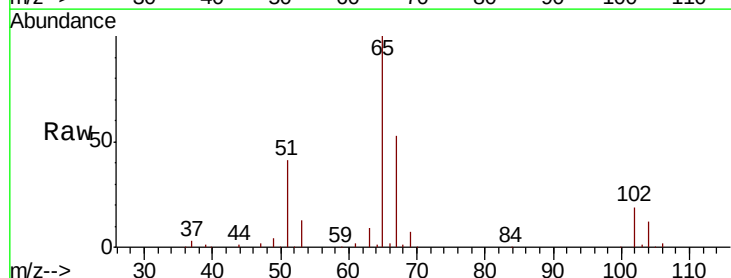


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

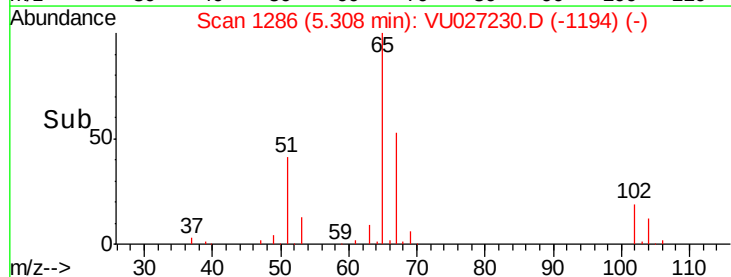
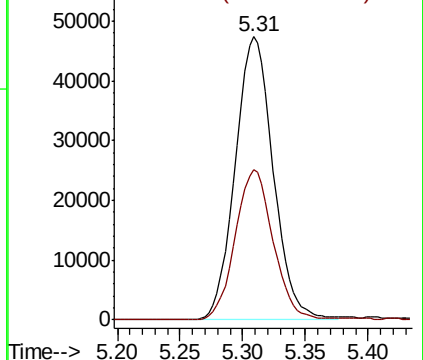


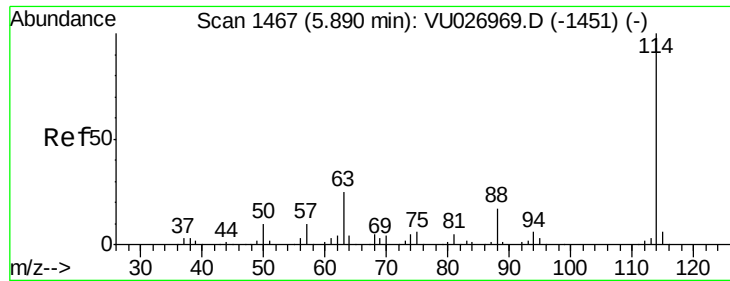
#33
1,2-Dichloroethane-d4
Concen: 52.723 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Tgt Ion: 65 Resp: 99854
Ion Ratio Lower Upper
65 100
67 53.0 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) (-)

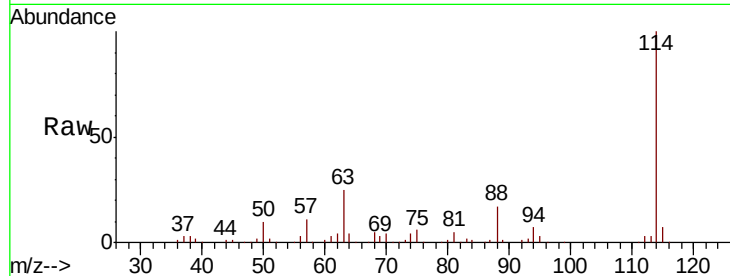




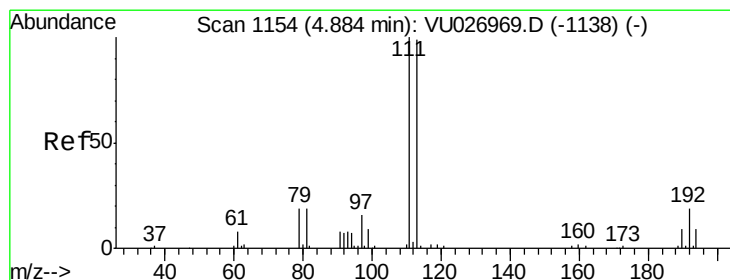
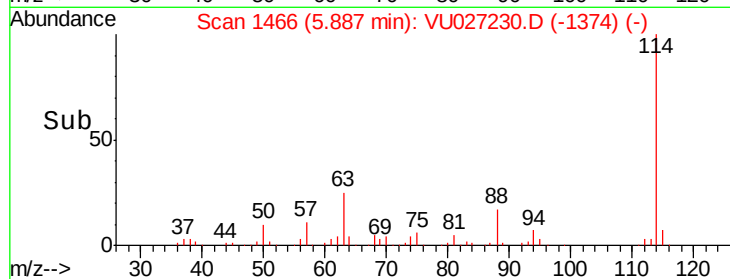
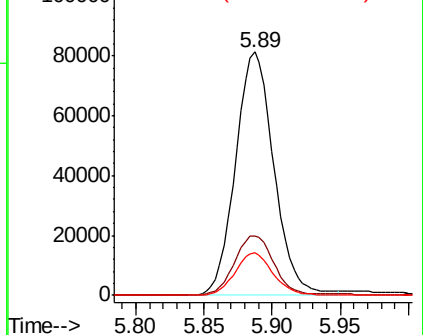
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027230.D
 Acq: 27 Sep 2018 17:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBL01

Tot Ion:114	Resp:	159217
Ion	Ratio	Lower Upper
114	100	
63	24.6	0.0 49.2
88	17.4	0.0 33.8

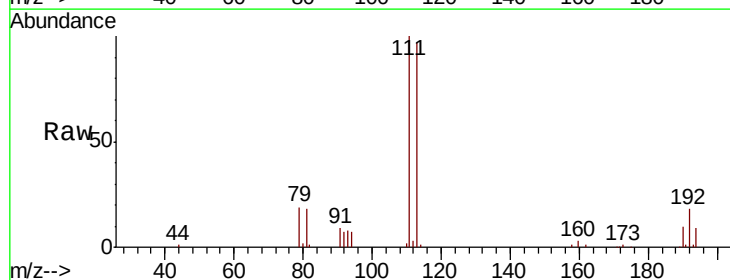


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

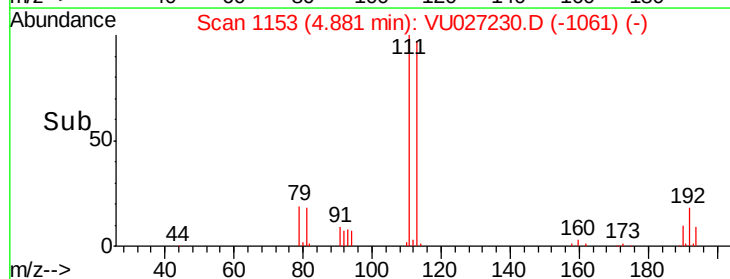
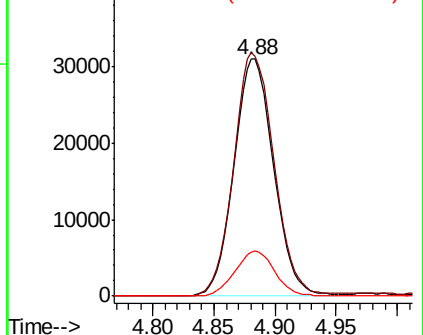


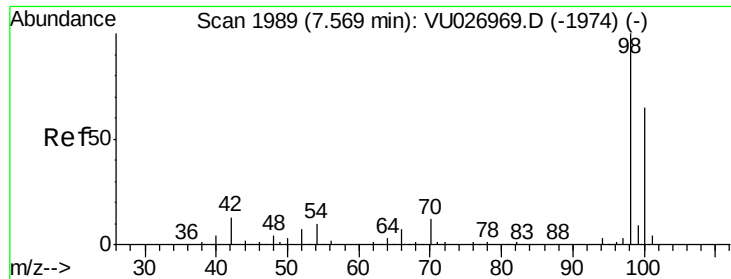
#35
 Dibromofluoromethane
 Concen: 50.703 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU027230.D
 Acq: 27 Sep 2018 17:30

Tgt Ion:113	Resp:	69975
Ion	Ratio	Lower Upper
113	100	
111	104.2	82.2 123.4
192	19.0	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: 48.224 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027230.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_U

ClientSampleId :

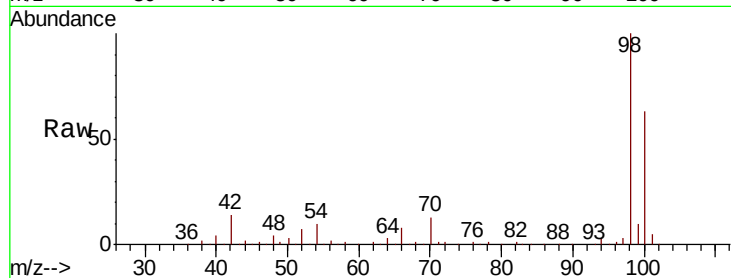
VU0928WBL01

Tot Ion: 98 Resp: 253638

Ion Ratio Lower Upper

98 100

100 63.3 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

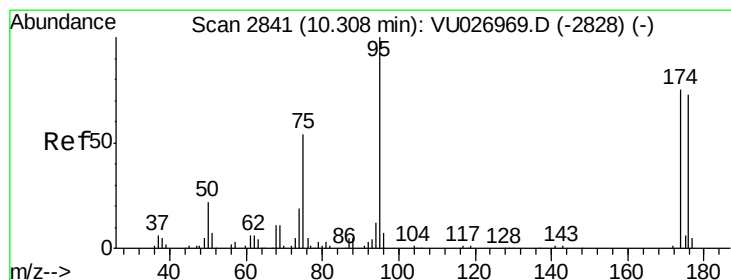
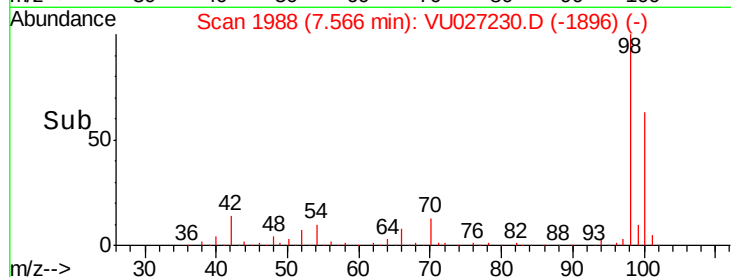
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.545 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027230.D

Acq: 27 Sep 2018 17:30

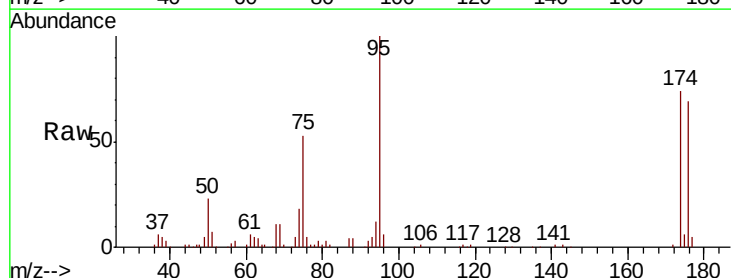
Tgt Ion: 95 Resp: 78588

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 70.3 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

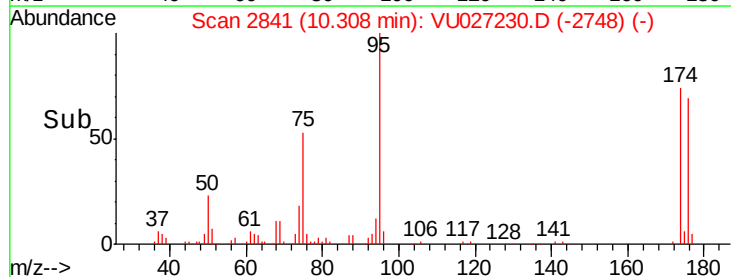
60000

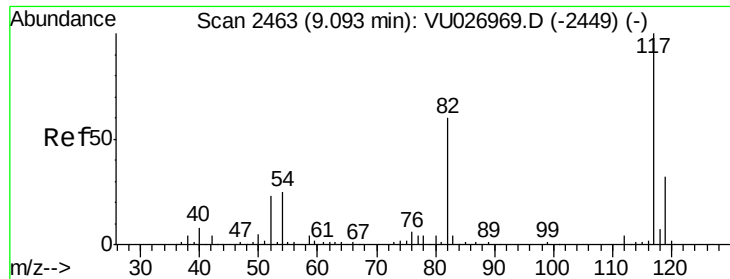
40000

20000

0

Time-->

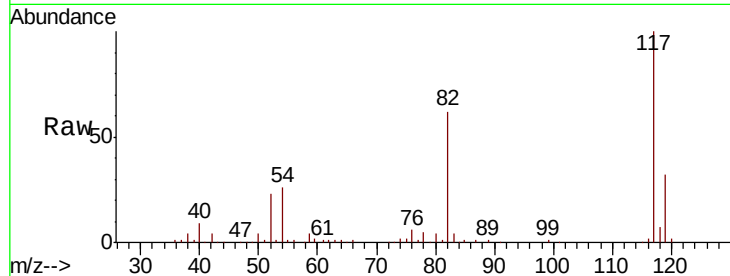




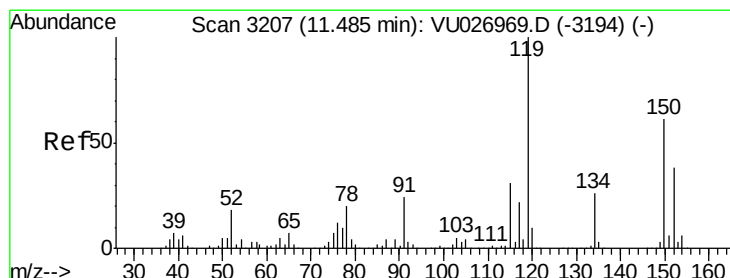
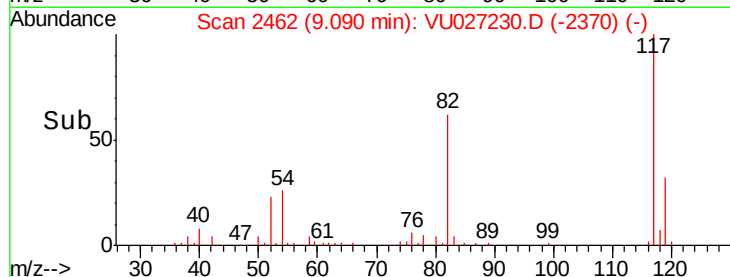
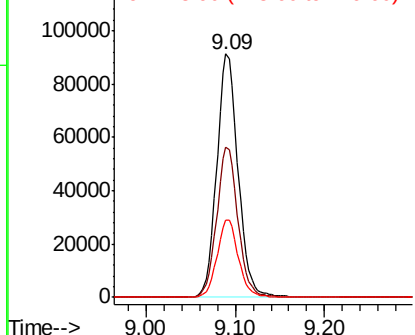
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBL01

Tot Ion:117 Resp: 151045
Ion Ratio Lower Upper
117 100
82 61.7 48.0 72.0
119 31.7 25.8 38.8

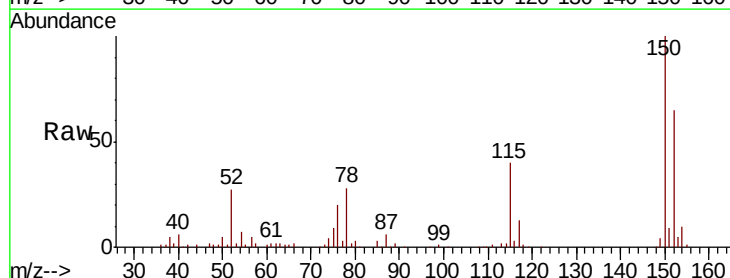


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Tgt Ion:152 Resp: 67552
Ion Ratio Lower Upper
152 100
115 60.3 44.9 134.5
150 153.9 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

