

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027433.D
 Acq On : 05 Oct 2018 01:03
 Operator : MD/SY
 Sample : J5237-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FBGW10318

Quant Time: Oct 08 11:19:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	113148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	198477	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	191337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	105846	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	108767	57.57	ug/l	0.00
Spiked Amount						
			Recovery	=	115.14%	
35) Dibromofluoromethane	4.89	113	78870	57.98	ug/l	0.00
Spiked Amount						
			Recovery	=	115.96%	
50) Toluene-d8	7.57	98	306818	60.27	ug/l	0.00
Spiked Amount						
			Recovery	=	120.54%	
62) 4-Bromofluorobenzene	10.31	95	112968	59.71	ug/l	0.00
Spiked Amount						
			Recovery	=	119.42%	

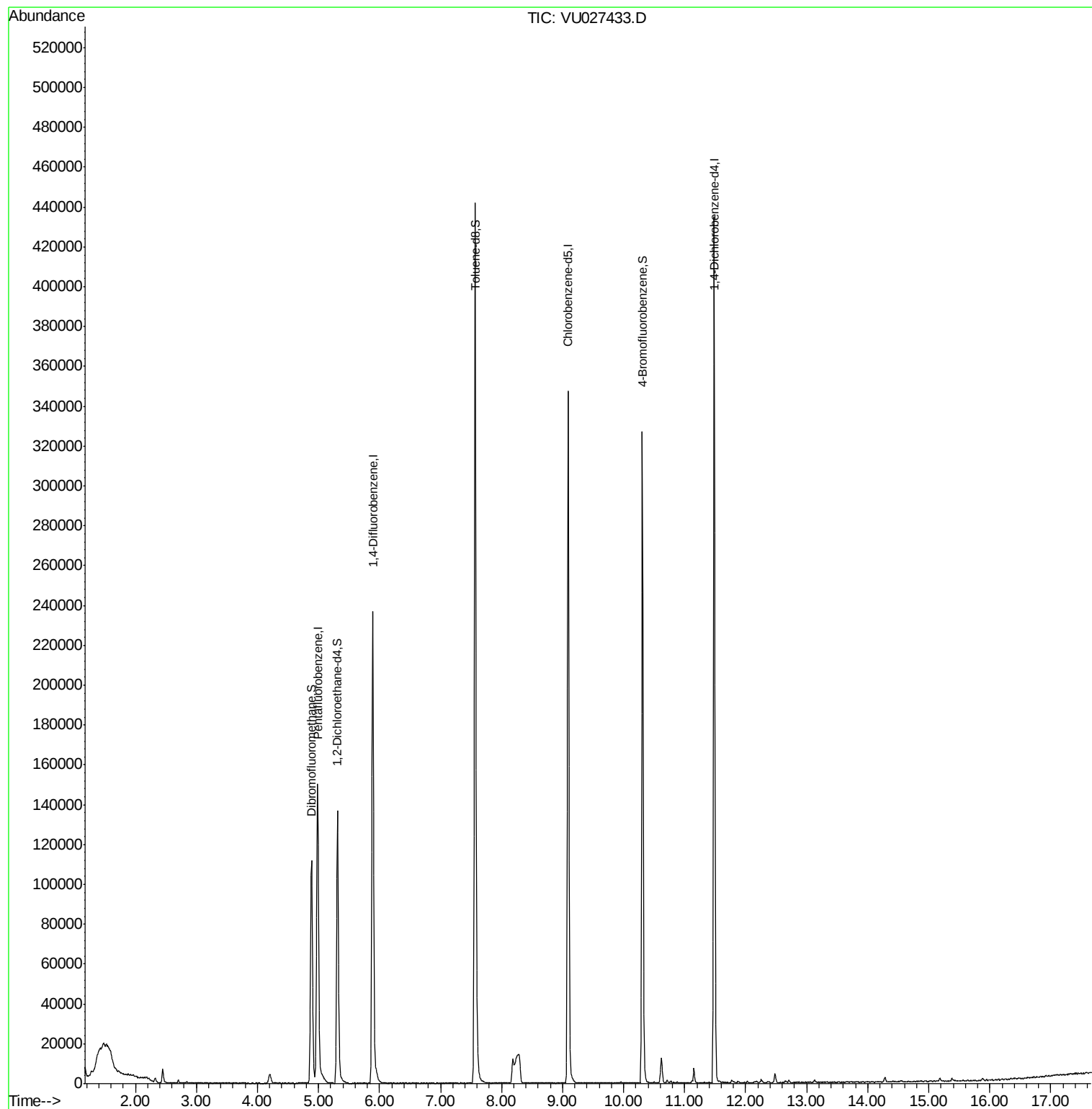
Target Compounds	Qvalue

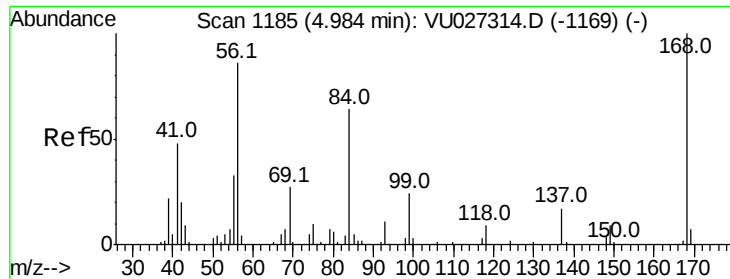
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027433.D

Acq: 05 Oct 2018 01:03

Instrument :

MSVOA_U

ClientSampleId :

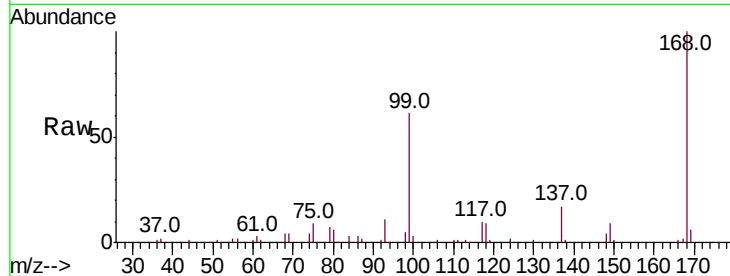
FBGW10318

Tot Ion:168 Resp: 113148

Ion Ratio Lower Upper

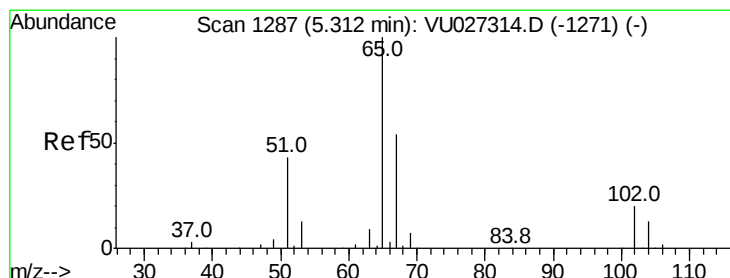
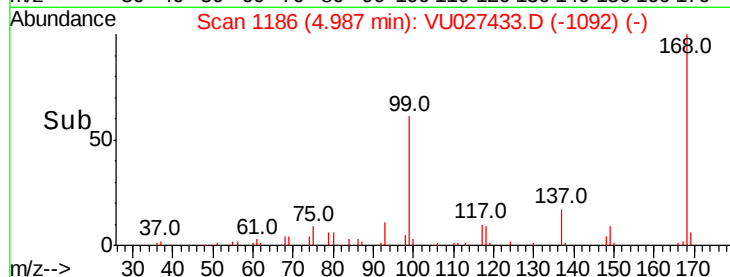
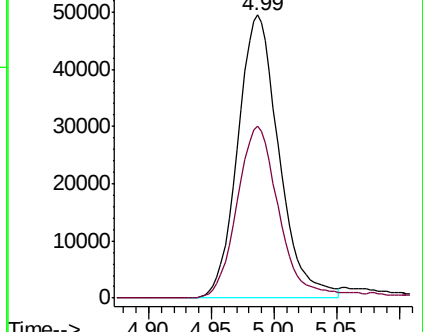
168 100

99 60.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.568 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027433.D

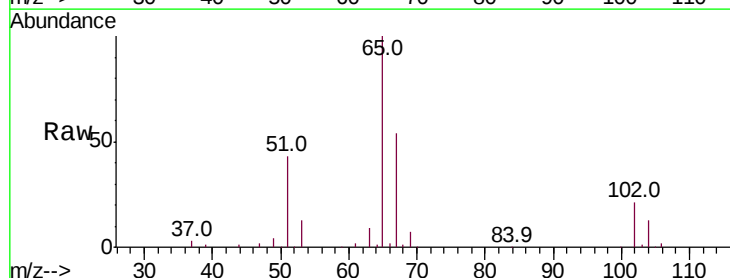
Acq: 05 Oct 2018 01:03

Tgt Ion: 65 Resp: 108767

Ion Ratio Lower Upper

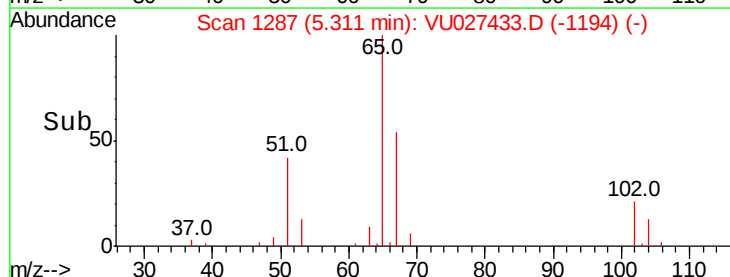
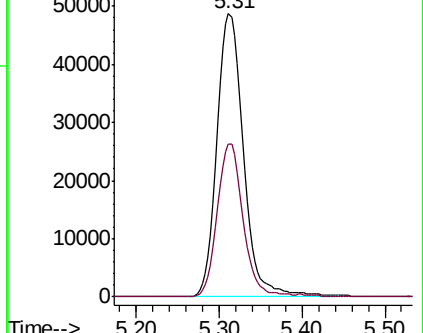
65 100

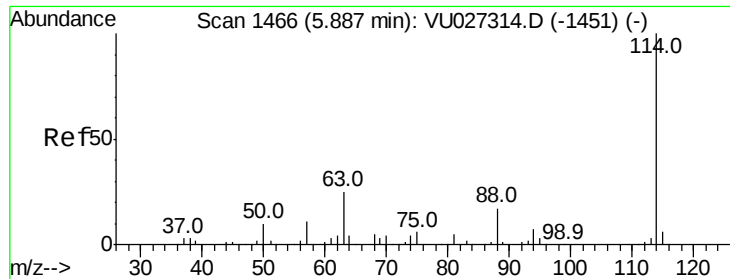
67 52.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

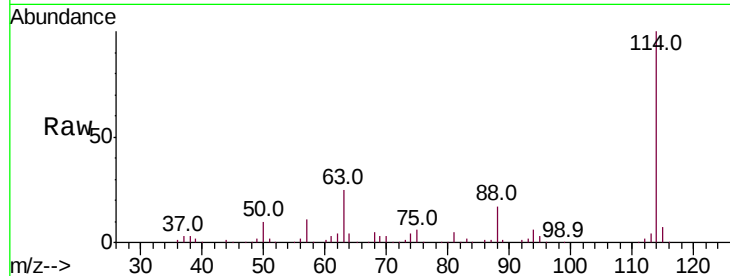




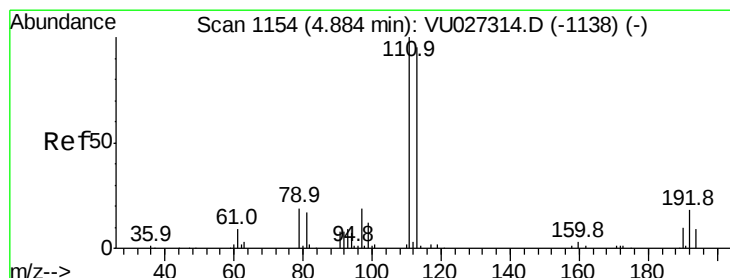
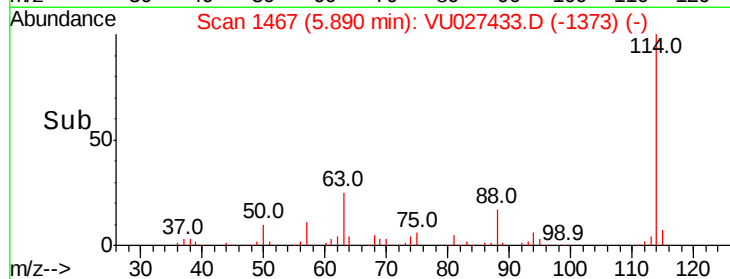
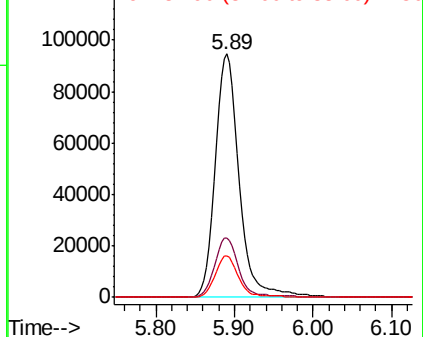
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027433.D
 Acq: 05 Oct 2018 01:03

Instrument :
 MSVOA_U
 ClientSampleId :
 FBGW10318

Tot Ion:114 Resp: 198477
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.2
 88 17.2 0.0 33.8

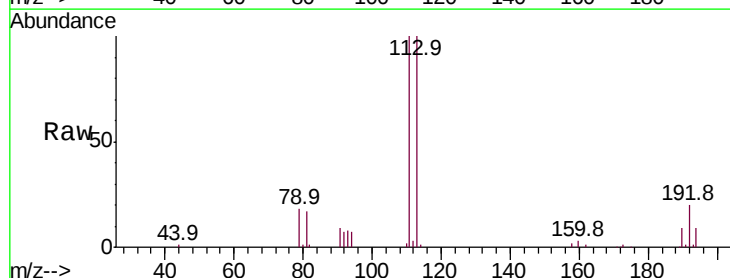


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

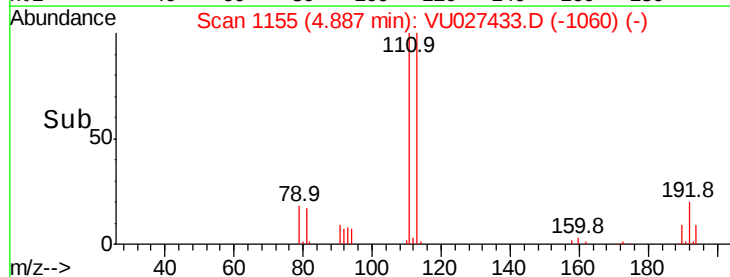
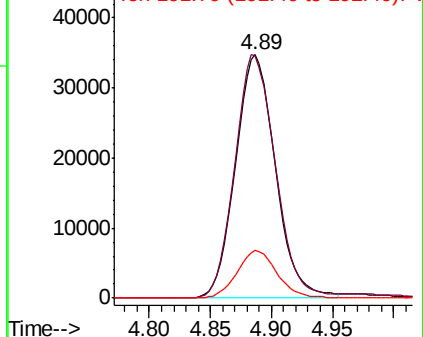


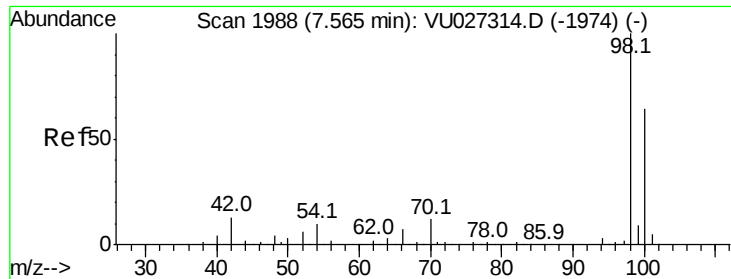
#35
 Dibromofluoromethane
 Concen: 57.983 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027433.D
 Acq: 05 Oct 2018 01:03

Tgt Ion:113 Resp: 78870
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.1 124.7
 192 19.5 15.4 23.0



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: 60.268 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027433.D

Acq: 05 Oct 2018 01:03

Instrument :

MSVOA_U

ClientSampleId :

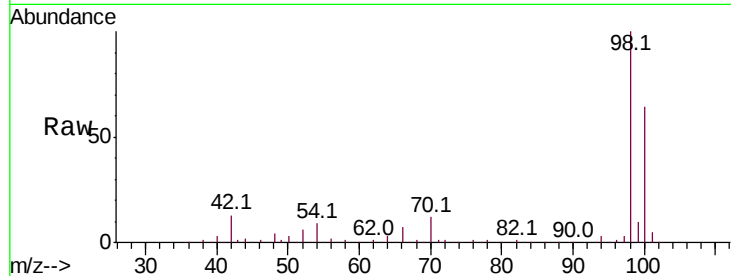
FBGW10318

Tot Ion: 98 Resp: 306818

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

150000

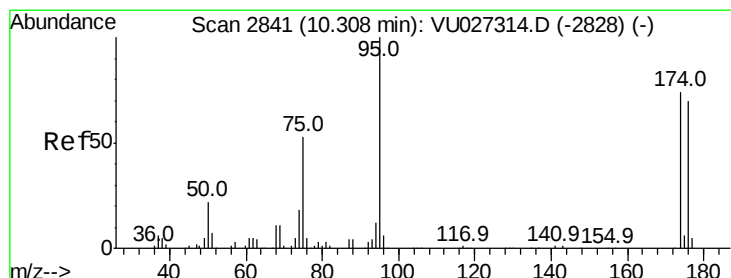
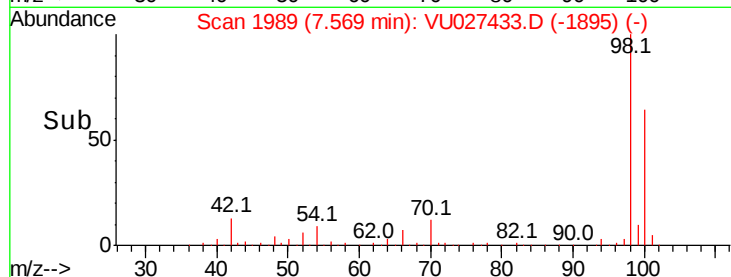
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 59.709 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027433.D

Acq: 05 Oct 2018 01:03

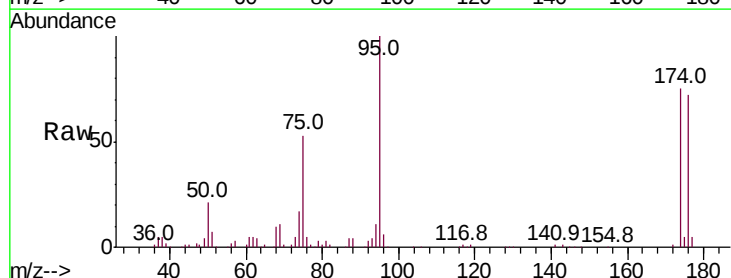
Tgt Ion: 95 Resp: 112968

Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.8

176 71.8 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

10.31

80000

60000

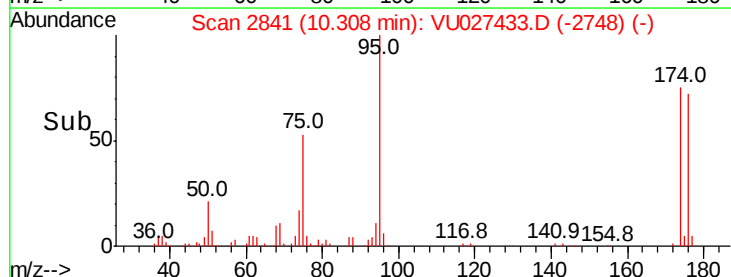
40000

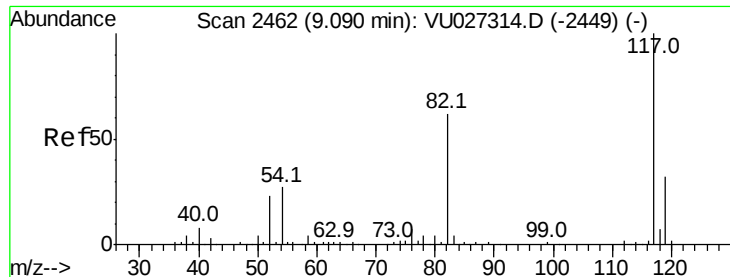
20000

0

10.20 10.30 10.40

Time-->

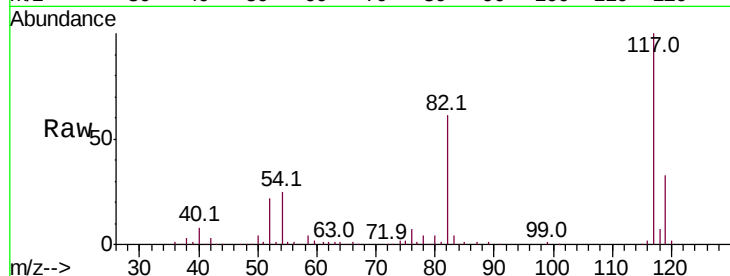




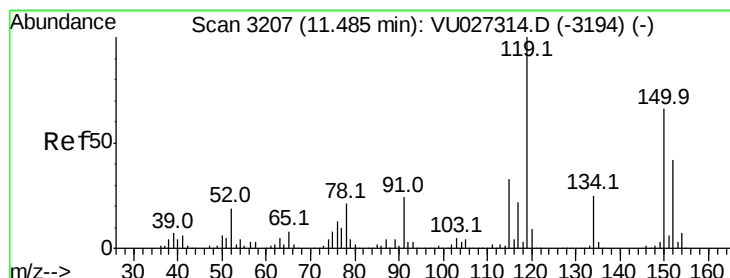
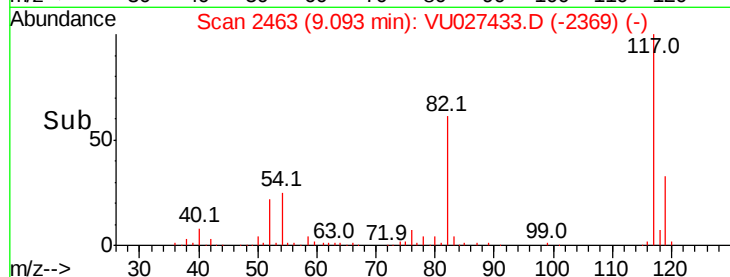
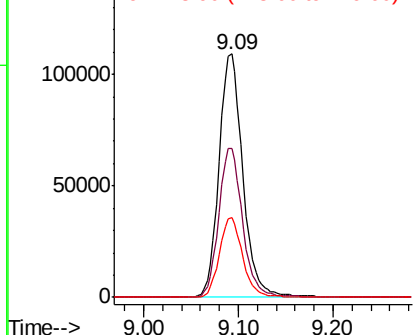
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027433.D
Acq: 05 Oct 2018 01:03

Instrument :
MSVOA_U
ClientSampleId :
FBGW10318

Tot Ion:117 Resp: 191337
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 32.7 25.7 38.5

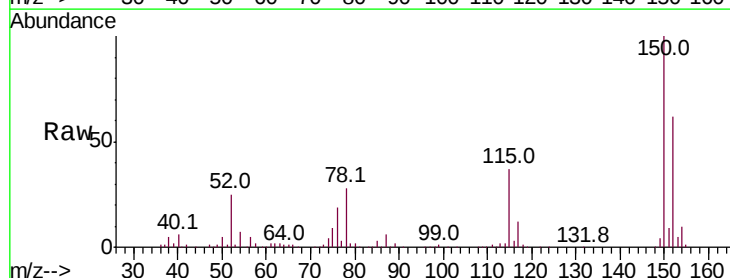


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027433.D
Acq: 05 Oct 2018 01:03

Tgt Ion:152 Resp: 105846
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.2
150 159.3 0.0 349.2



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

