

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092018\
 Data File : VU026908.D
 Acq On : 19 Sep 2018 19:38
 Operator : MD/SY
 Sample : J4934-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ461I-20180912

Quant Time: Sep 20 07:13:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

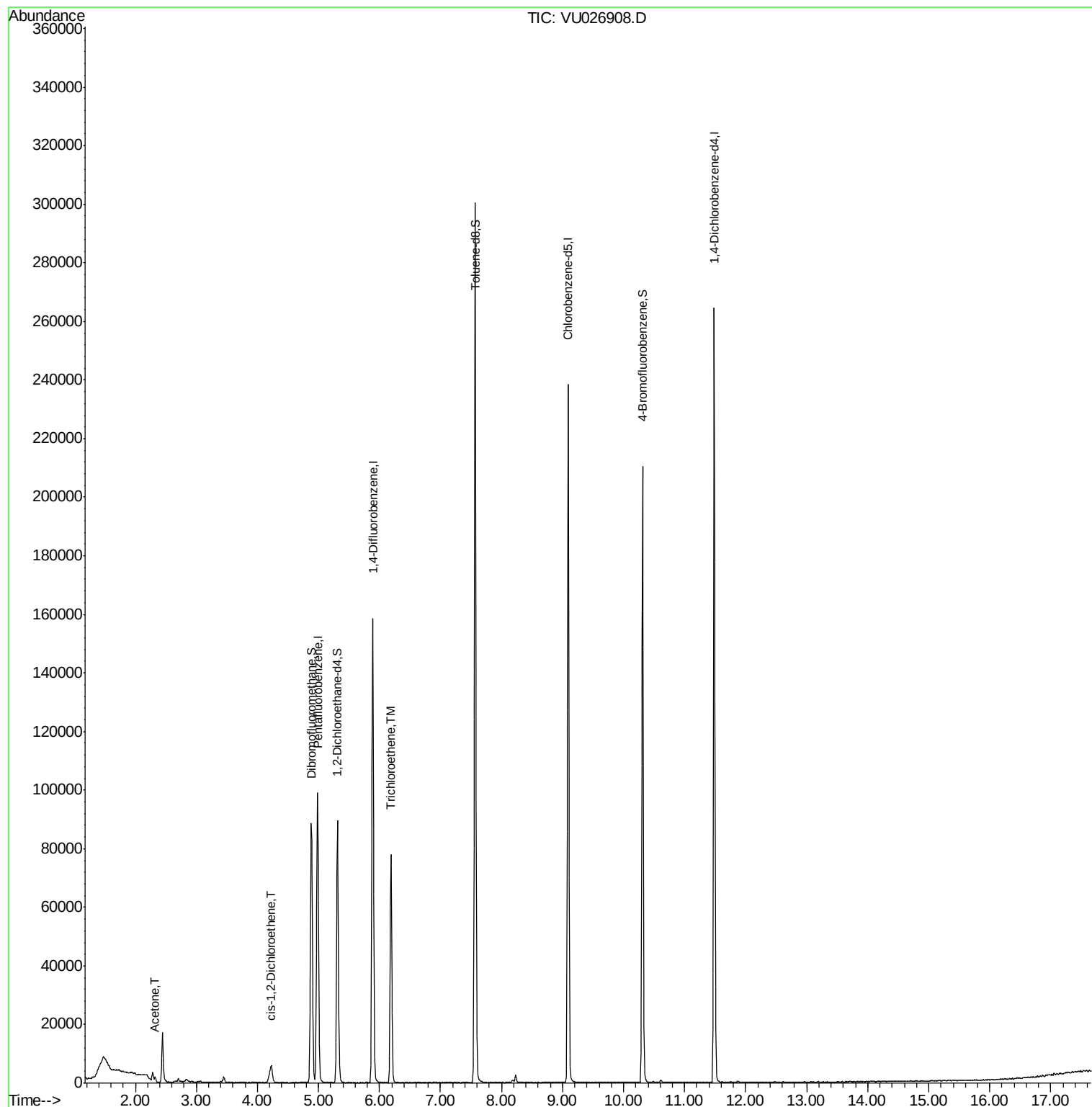
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	80305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	135761	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	68278	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
35) Dibromofluoromethane	4.88	113	60935	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
50) Toluene-d8	7.57	98	200106	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	10.31	95	66890	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
Target Compounds						
16) Acetone	2.32	43	2134	3.094	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	3041	2.717	ug/l	84
44) Trichloroethene	6.19	130	28816	24.596	ug/l	91

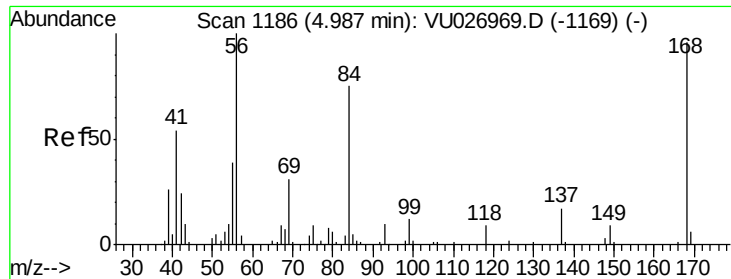
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU026908.D

Acq: 19 Sep 2018 19:38

Instrument :

MSVOA_U

ClientSampleId :

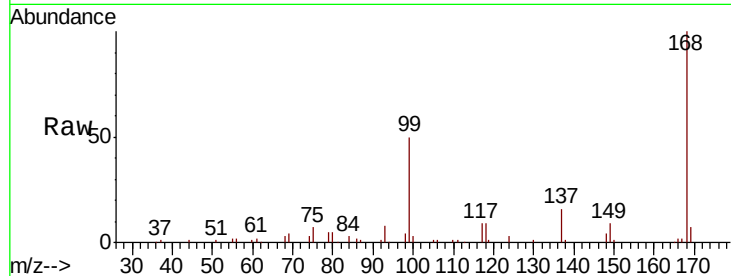
FT-PZ461I-20180912

Tot Ion:168 Resp: 80305

Ion Ratio Lower Upper

168 100

99 50.3 42.0 63.0



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

30000

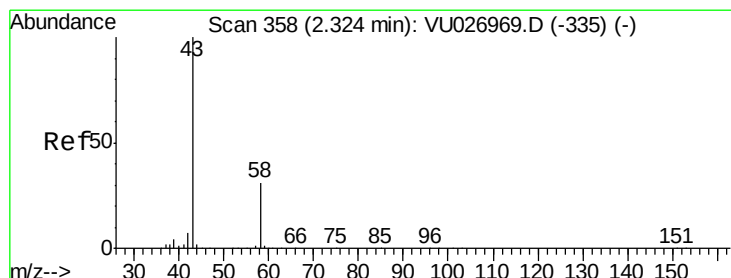
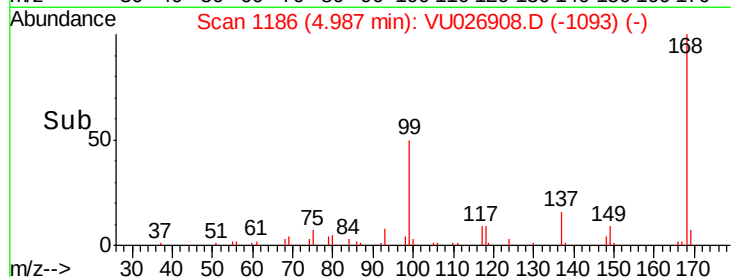
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.094 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026908.D

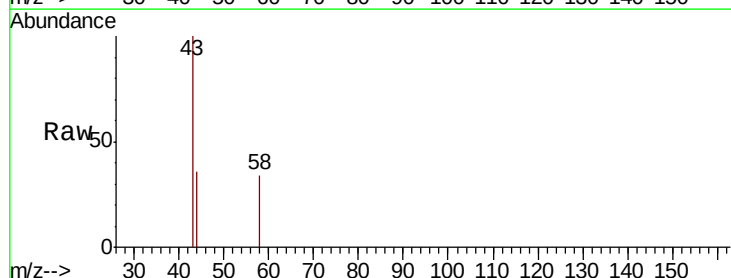
Acq: 19 Sep 2018 19:38

Tgt Ion: 43 Resp: 2134

Ion Ratio Lower Upper

43 100

58 34.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)

2.32

1500

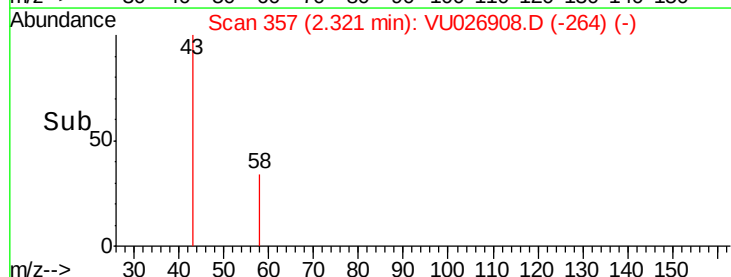
1000

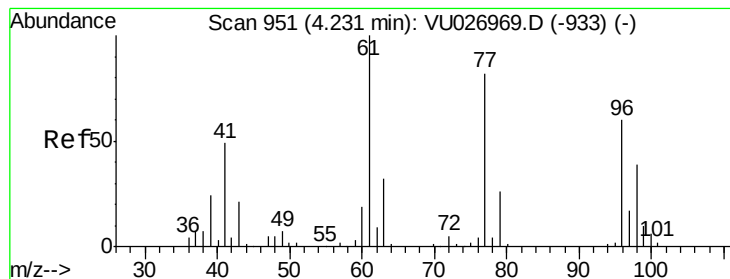
500

0

2.30 2.35

Time-->



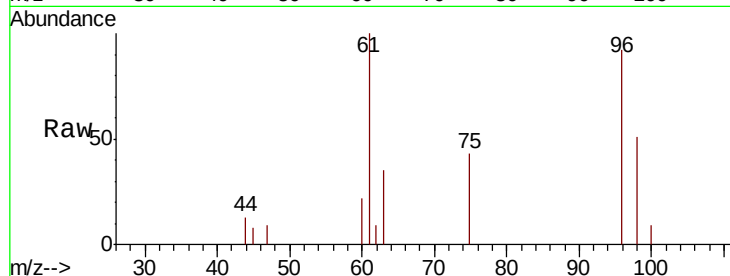


#27

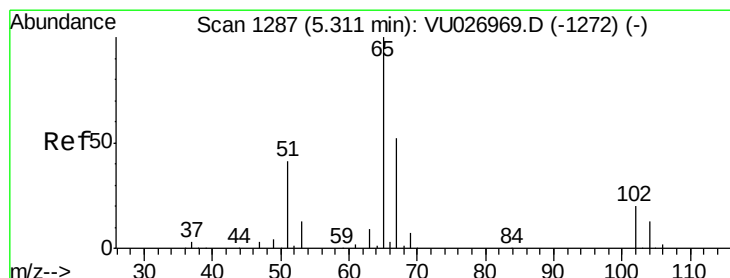
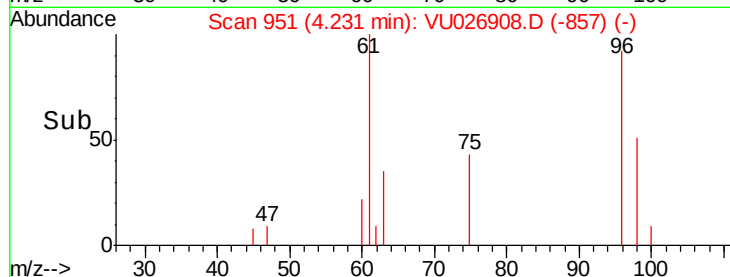
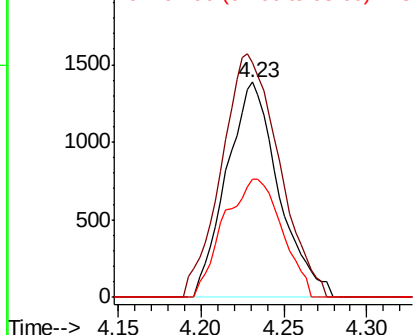
cis-1,2-Dichloroethene
 Concen: 2.717 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU026908.D
 Acq: 19 Sep 2018 19:38

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ461I-20180912

Tot Ion: 96 Resp: 3041
 Ion Ratio Lower Upper
 96 100
 61 124.4 0.0 301.8
 98 60.6 0.0 127.2



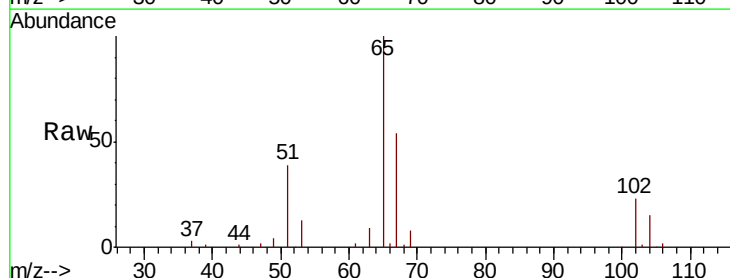
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



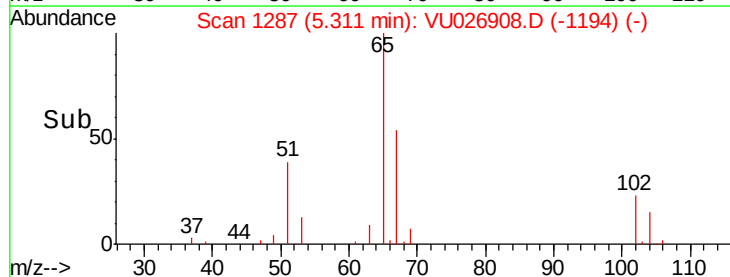
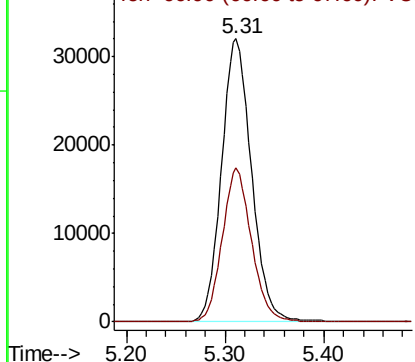
#33

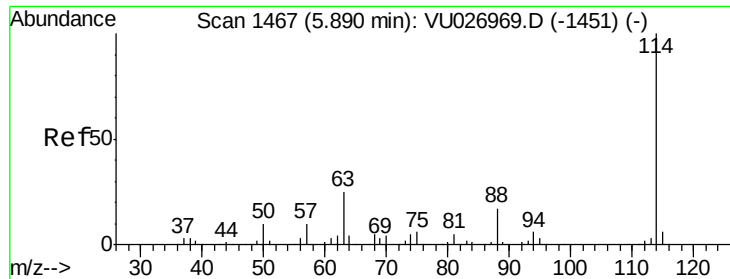
1,2-Dichloroethane-d4
 Concen: 56.049 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026908.D
 Acq: 19 Sep 2018 19:38

Tgt Ion: 65 Resp: 68278
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.4



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

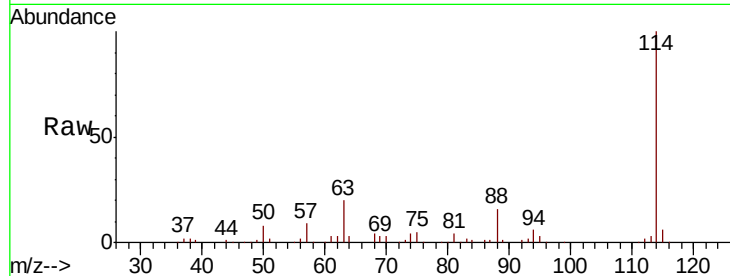




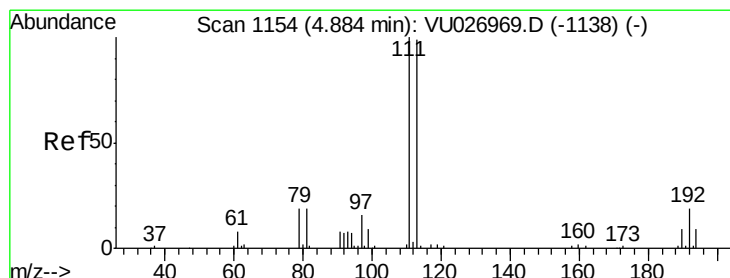
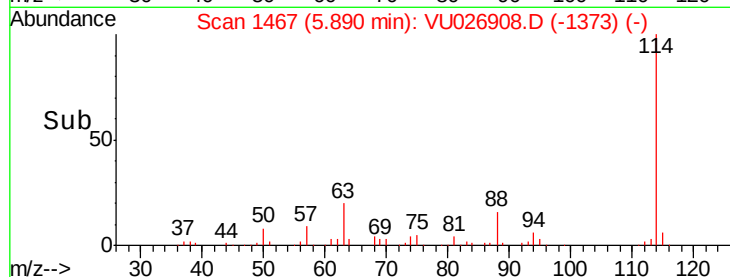
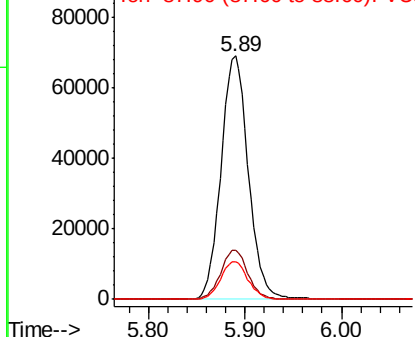
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026908.D
 Acq: 19 Sep 2018 19:38

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ461I-20180912

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.4
88	15.5	0.0	30.8

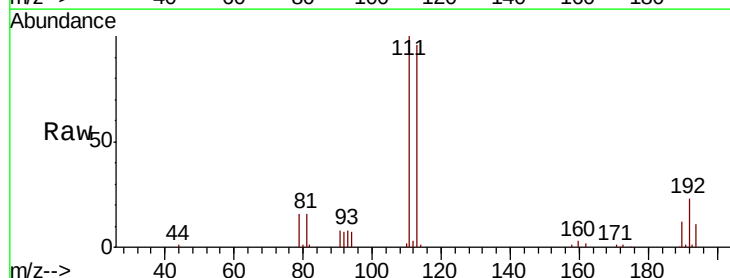


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

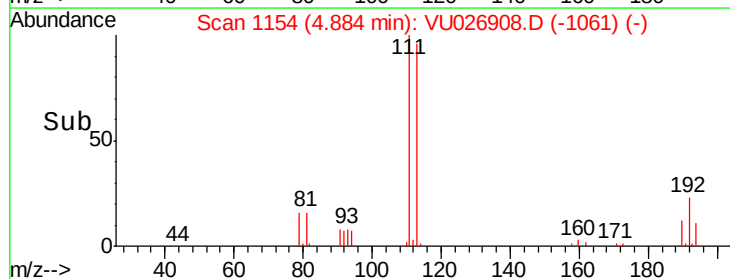
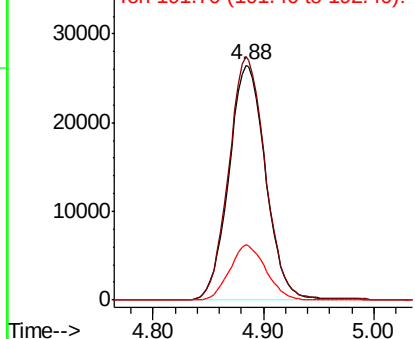


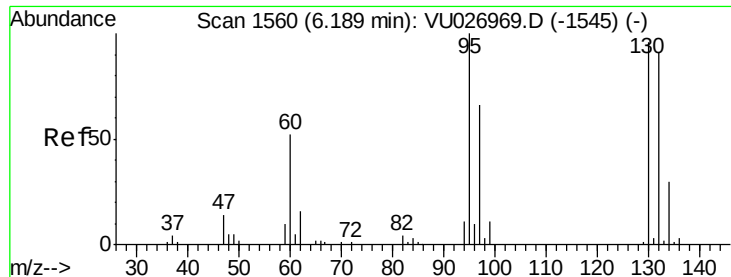
#35
 Dibromofluoromethane
 Concen: 55.025 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026908.D
 Acq: 19 Sep 2018 19:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	23.1	17.4	26.2



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





#44

Trichloroethene

Concen: 24.596 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026908.D

Acq: 19 Sep 2018 19:38

Instrument :

MSVOA_U

ClientSampleId :

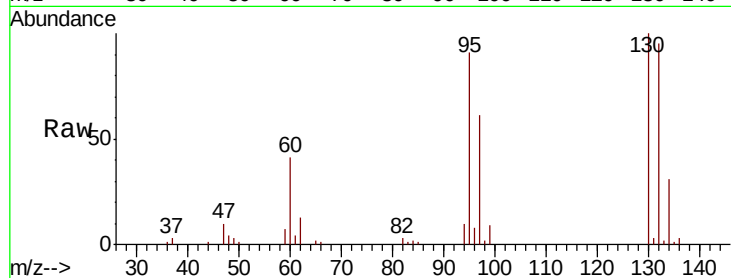
FT-PZ461I-20180912

Tot Ion:130 Resp: 28816

Ion Ratio Lower Upper

130 100

95 90.9 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

6.19

15000

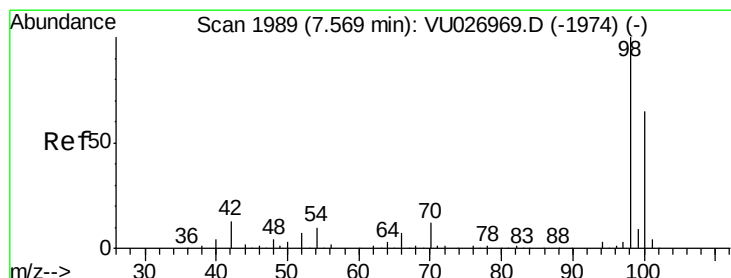
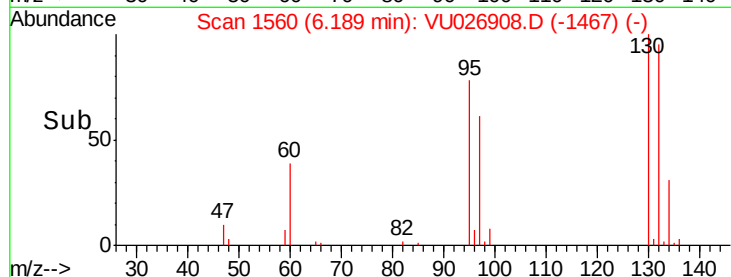
10000

5000

0

Time-->

6.10 6.15 6.20 6.25



#50

Toluene-d8

Concen: 48.856 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026908.D

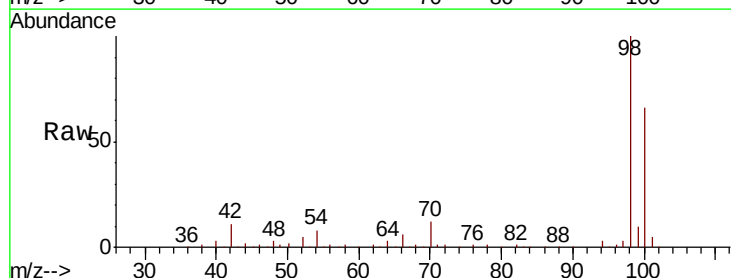
Acq: 19 Sep 2018 19:38

Tgt Ion: 98 Resp: 200106

Ion Ratio Lower Upper

98 100

100 65.7 51.2 76.8



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

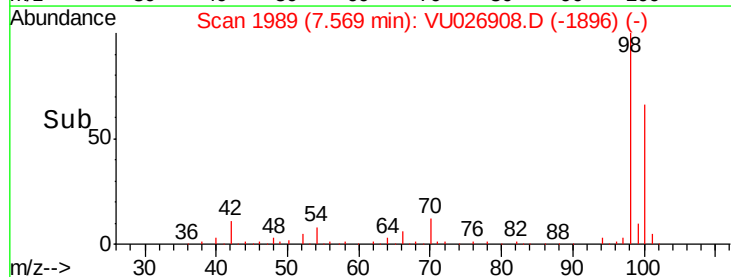
100000

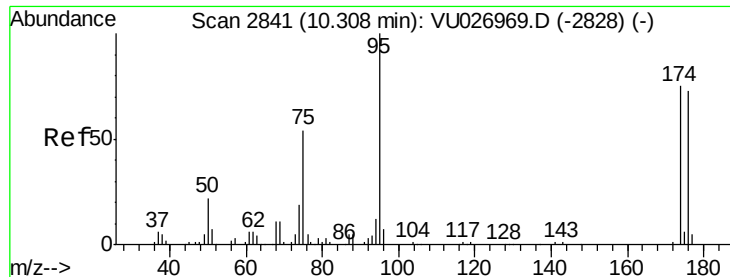
50000

0

Time-->

7.50 7.55 7.60 7.65





#62

4-Bromofluorobenzene

Concen: 45.061 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU026908.D

Acq: 19 Sep 2018 19:38

Instrument :

MSVOA_U

ClientSampleId :

FT-PZ461I-20180912

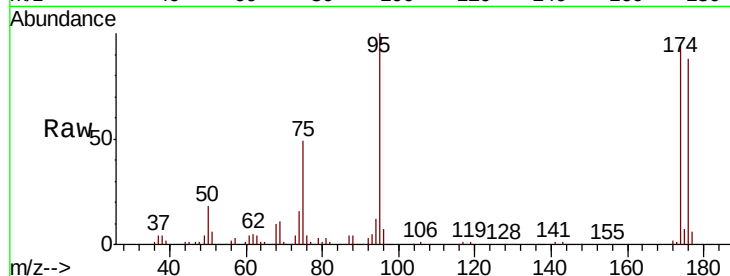
Tot Ion: 95 Resp: 66890

Ion Ratio Lower Upper

95 100

174 92.5 0.0 172.8

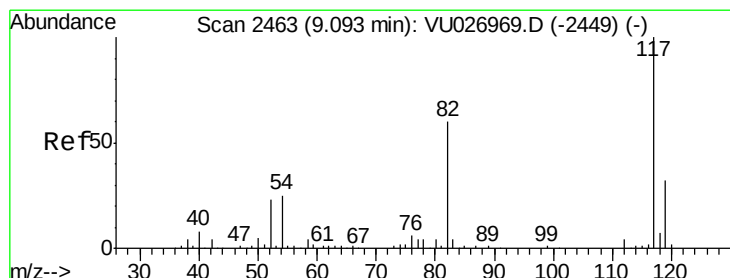
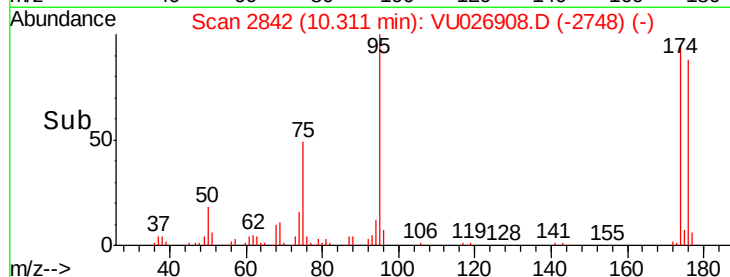
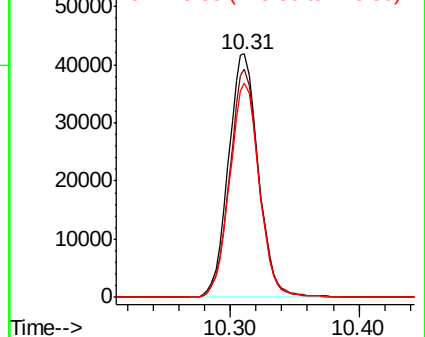
176 87.3 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU026908.D

Acq: 19 Sep 2018 19:38

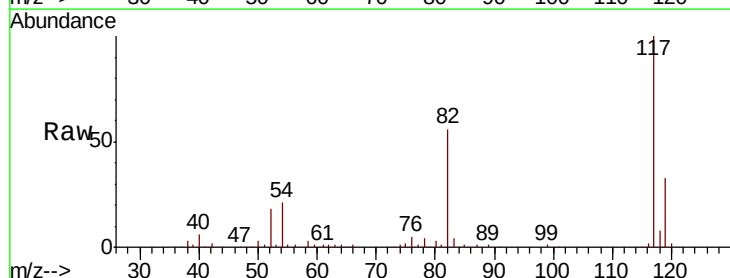
Tgt Ion: 117 Resp: 133498

Ion Ratio Lower Upper

117 100

82 55.9 44.1 66.1

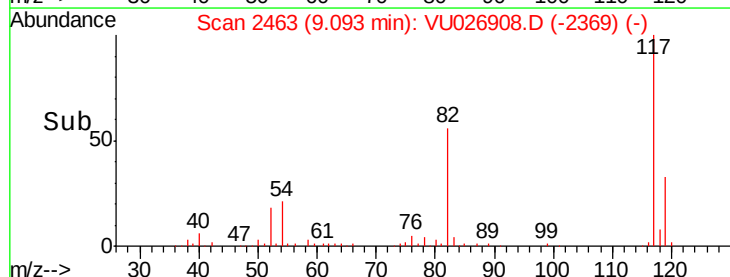
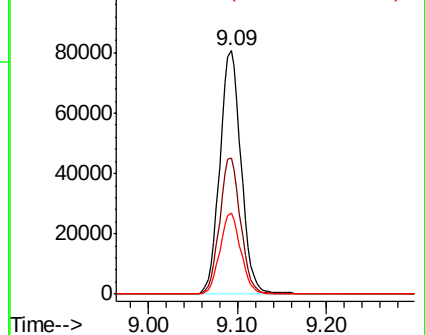
119 33.2 25.7 38.5

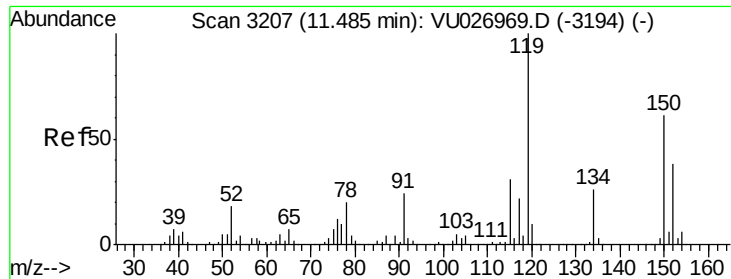


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU026908.D
 Acq: 19 Sep 2018 19:38

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ461I-20180912

Tot Ion:152 Resp: 72096
 Ion Ratio Lower Upper
 152 100
 115 54.3 40.4 121.1
 150 157.0 0.0 345.2

