

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092018\
 Data File : VU026920.D
 Acq On : 20 Sep 2018 00:18
 Operator : MD/SY
 Sample : J4934-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW131D-20180912

Quant Time: Sep 20 08:05:58 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

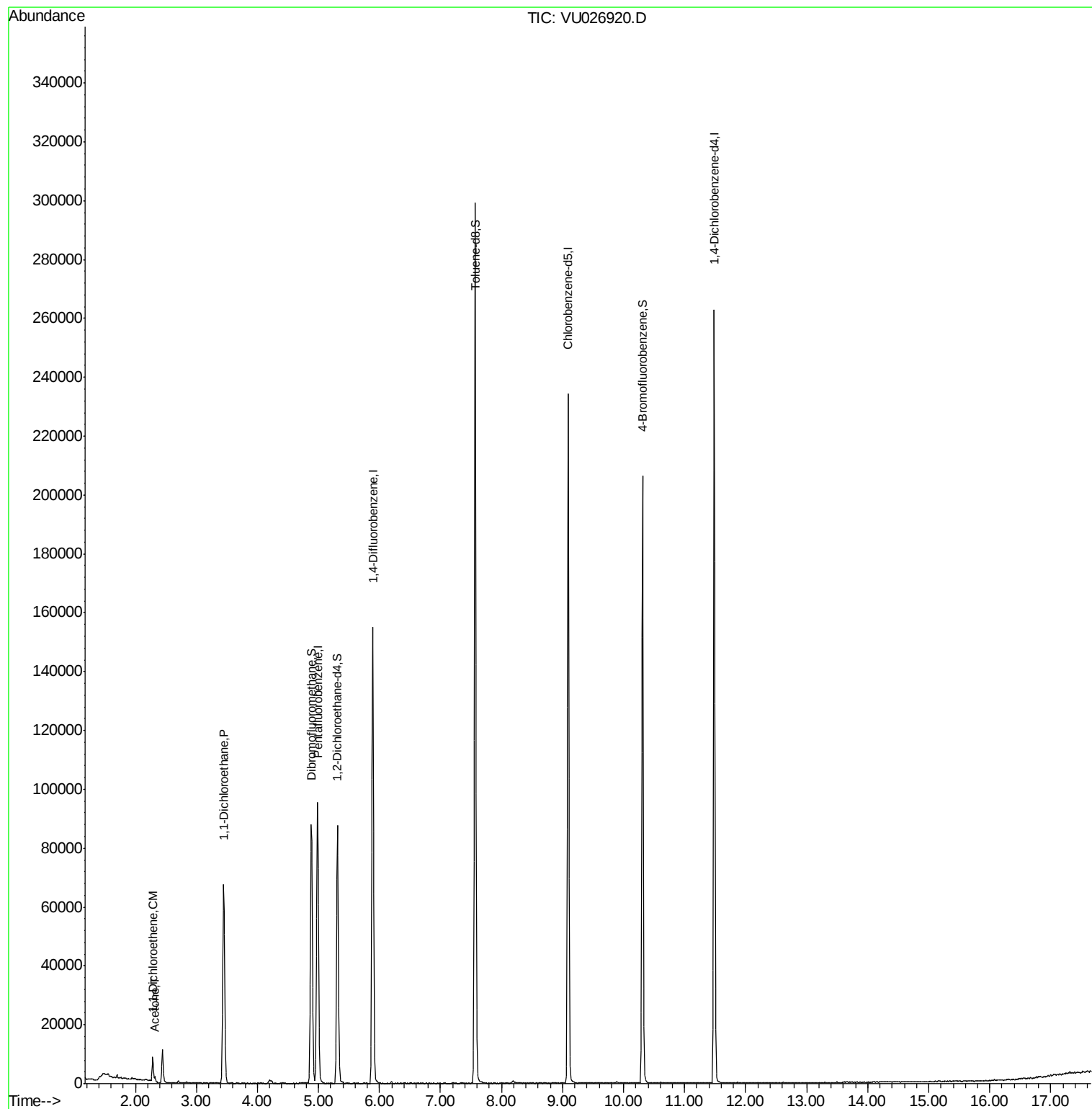
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	77444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132833	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	67039	57.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.12%	
35) Dibromofluoromethane	4.88	113	60659	55.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.96%	
50) Toluene-d8	7.57	98	197907	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	10.31	95	66637	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
12) 1,1-Dichloroethene	2.28	96	2689	3.024	ug/l	96
16) Acetone	2.32	43	1928	2.899	ug/l	98
24) 1,1-Dichloroethane	3.45	63	74307	39.414	ug/l	97

(#) = 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: VU026920.D

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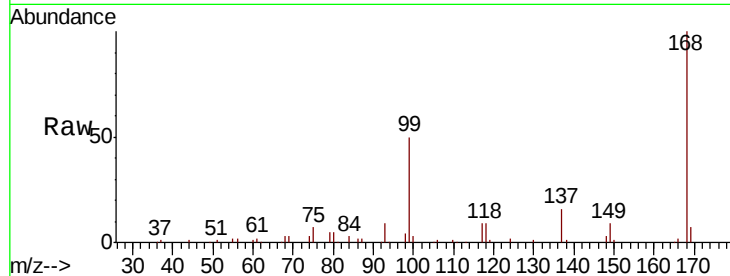
SA-MW131D-20180912

Tot Ion:168 Resp: 77444

Ion Ratio Lower Upper

168 100

99 49.6 42.0 63.0



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

Ion 98.90 (98.60 to 99.60): VU026920.D (-1093) (-)

4.99

40000

30000

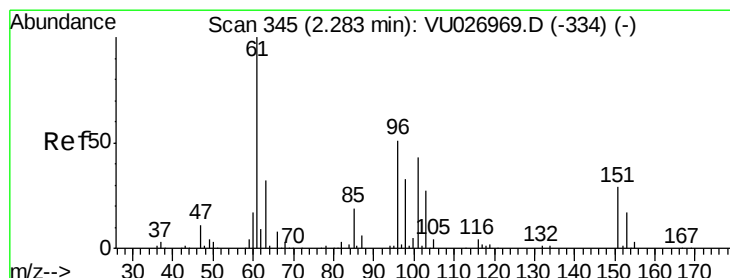
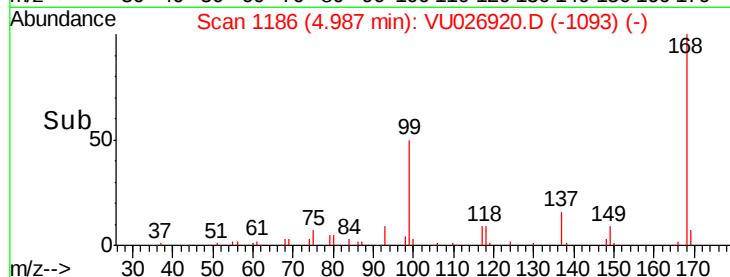
20000

10000

0

4.90 5.00 5.10

Time-->



#12

1,1-Dichloroethene

Concen: 3.024 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU026920.D

Acq: 20 Sep 2018 00:18

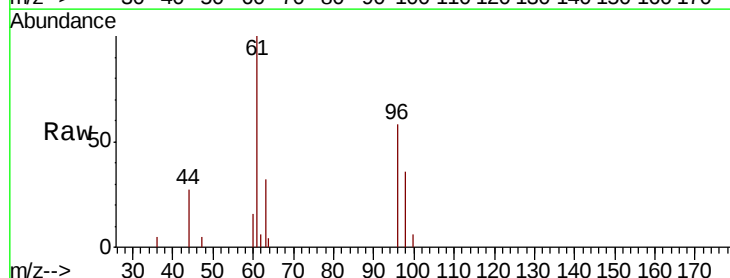
Tgt Ion: 96 Resp: 2689

Ion Ratio Lower Upper

96 100

61 173.5 133.0 199.6

98 63.2 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-334) (-)

Ion 60.90 (60.60 to 61.60): VU026920.D (-252) (-)

Ion 97.90 (97.60 to 98.60): VU026920.D (-252) (-)

2.28

4000

3000

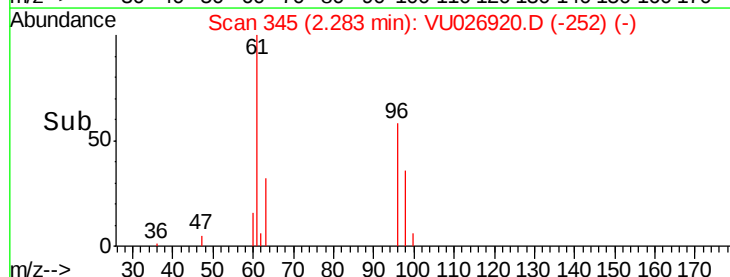
2000

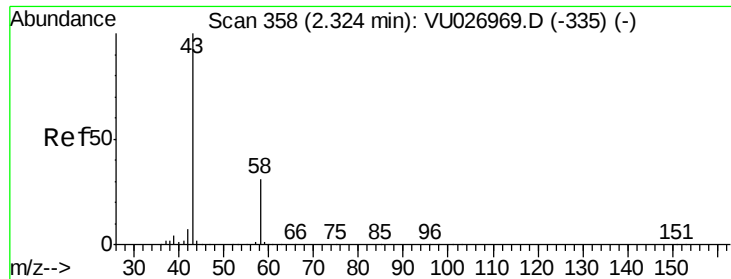
1000

0

2.25 2.30

Time-->





#16

Acetone

Concen: 2.899 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026920.D

Acq: 20 Sep 2018 00:18

Instrument :

MSVOA_U

ClientSampleId :

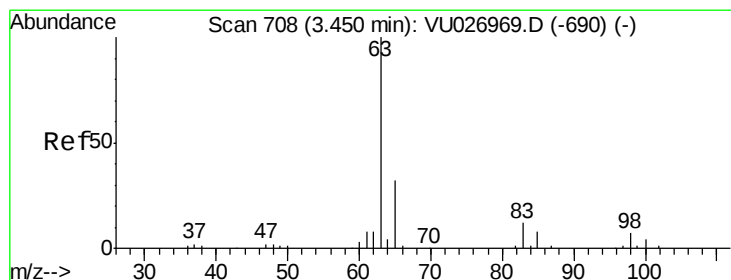
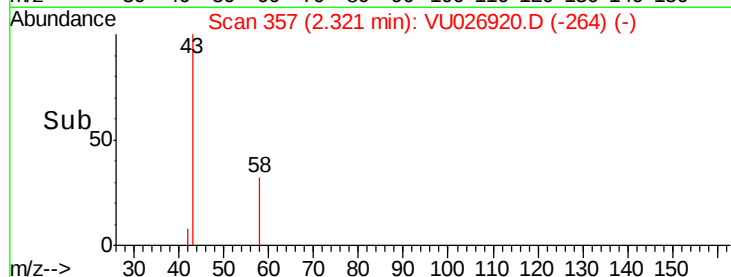
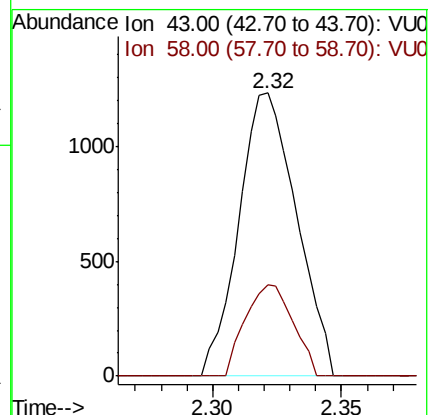
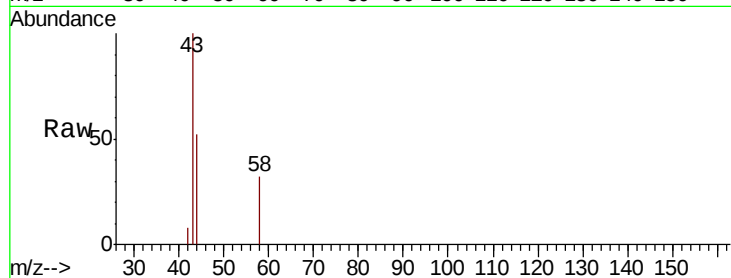
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Tot Ion: 43 Resp: 1928

Ion Ratio Lower Upper

43 100

58 32.4 25.1 37.7



#24

1,1-Dichloroethane

Concen: 39.414 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU026920.D

Acq: 20 Sep 2018 00:18

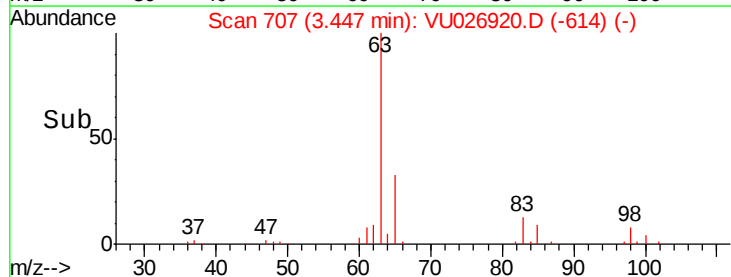
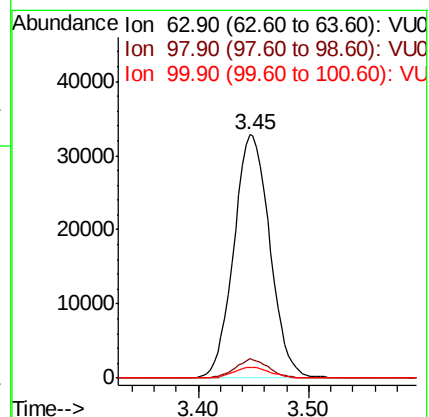
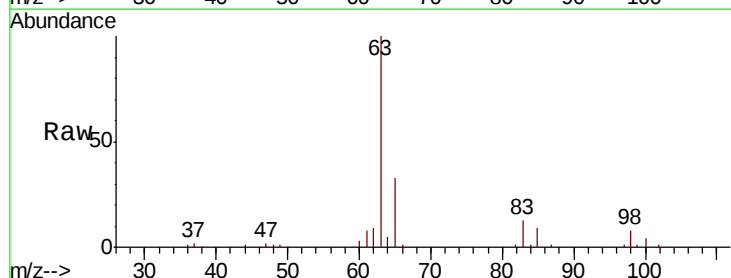
Tgt Ion: 63 Resp: 74307

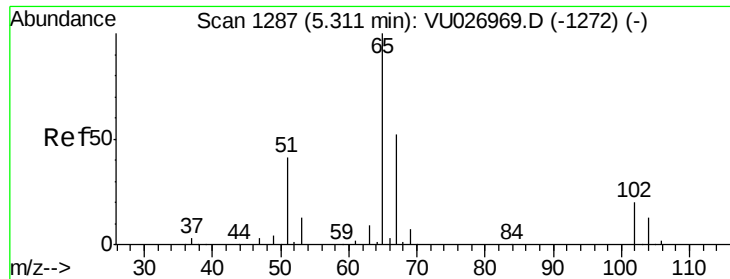
Ion Ratio Lower Upper

63 100

98 7.8 3.1 9.4

100 4.5 2.0 6.0

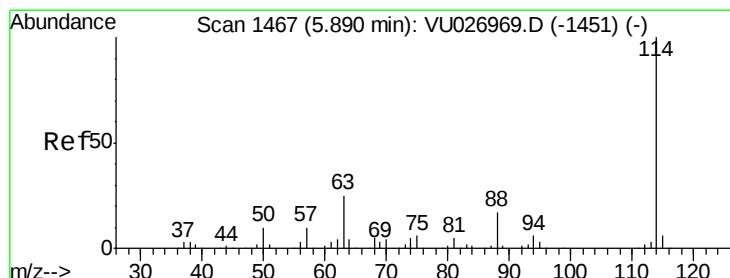
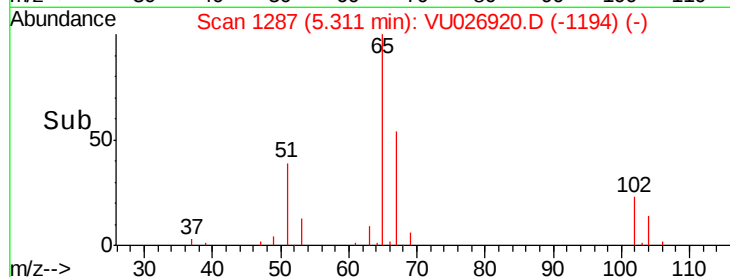
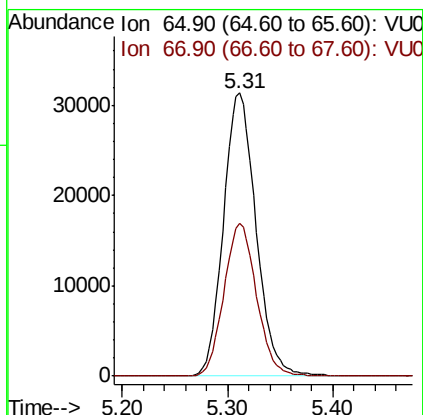
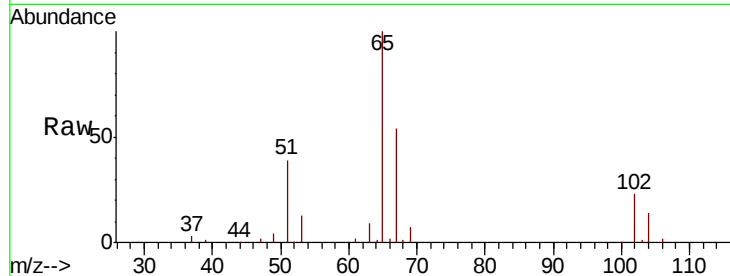




#33
 1,2-Dichloroethane-d4
 Concen: 57.065 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026920.D
 Acq: 20 Sep 2018 00:18

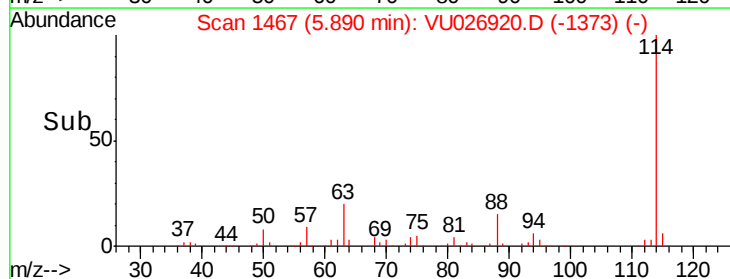
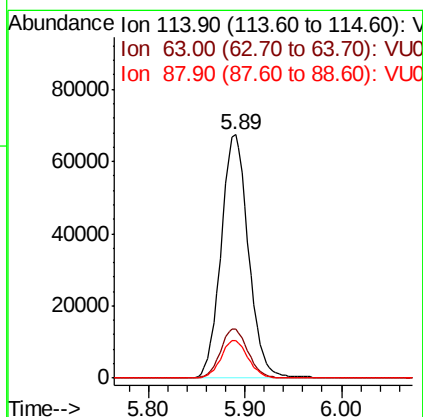
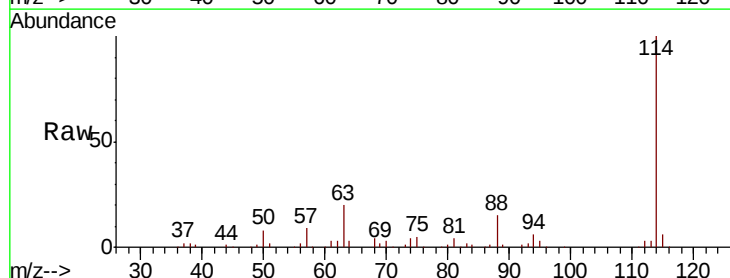
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW131D-20180912

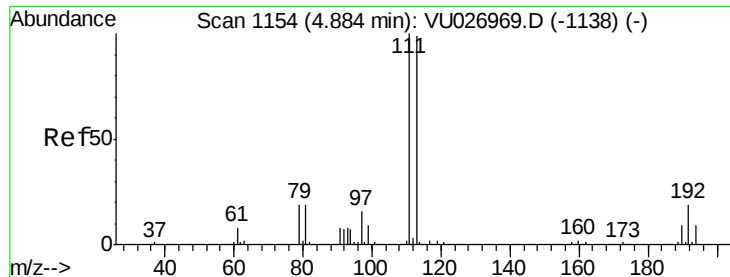
Tot Ion: 65 Resp: 67039
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026920.D
 Acq: 20 Sep 2018 00:18

Tgt Ion: 114 Resp: 132833
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.4 0.0 30.8

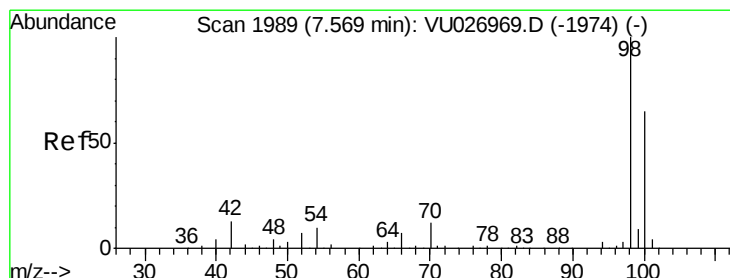
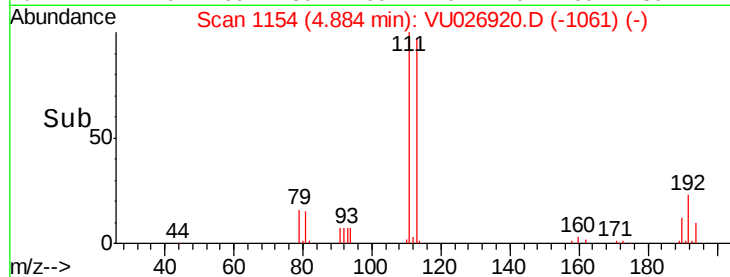
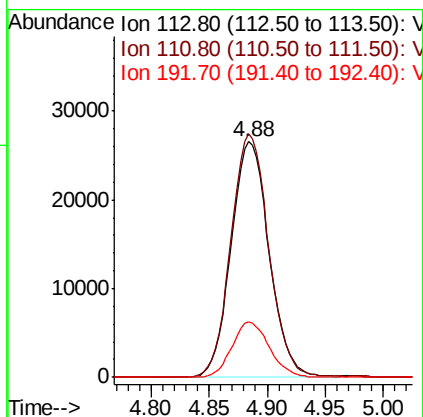
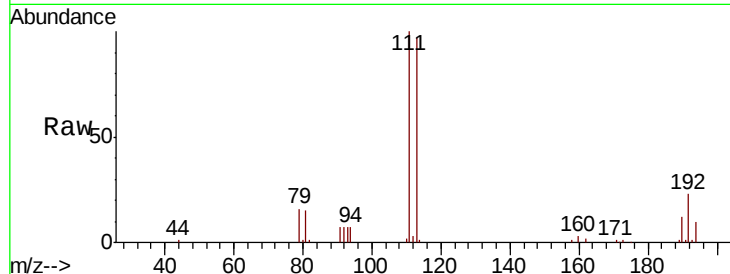




#35
 Dibromofluoromethane
 Concen: 55.984 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026920.D
 Acq: 20 Sep 2018 00:18

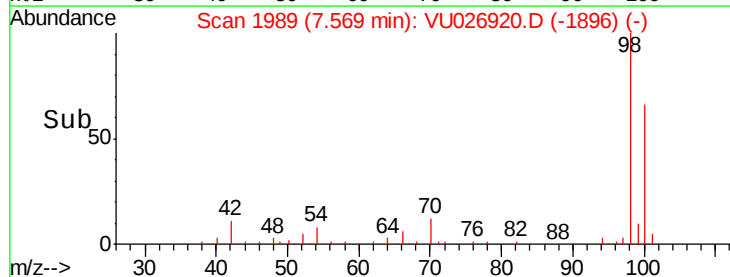
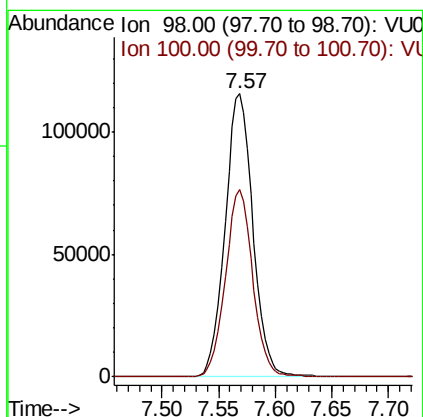
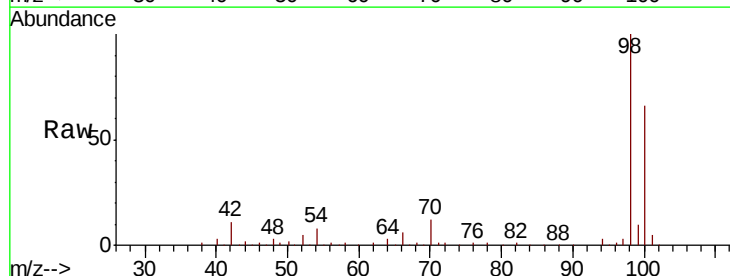
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW131D-20180912

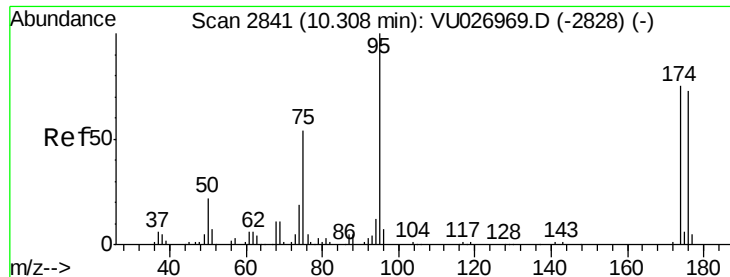
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	23.1	17.4	26.2



#50
 Toluene-d8
 Concen: 49.385 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VU026920.D
 Acq: 20 Sep 2018 00:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 45.880 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026920.D

Acq: 20 Sep 2018 00:18

Instrument :

MSVOA_U

ClientSampleId :

SA-MW131D-20180912

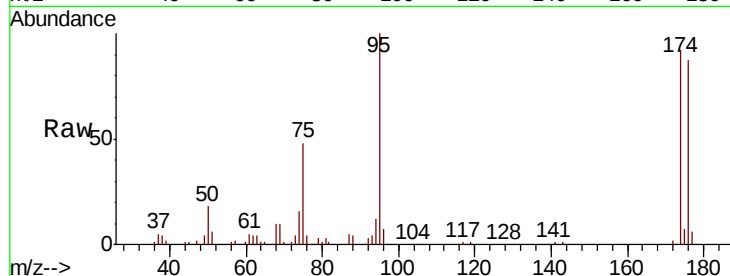
Tot Ion: 95 Resp: 66637

Ion Ratio Lower Upper

95 100

174 93.4 0.0 172.8

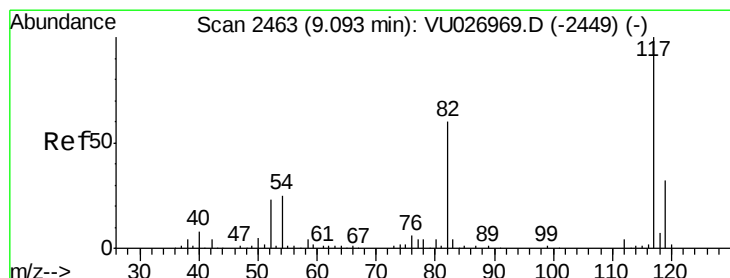
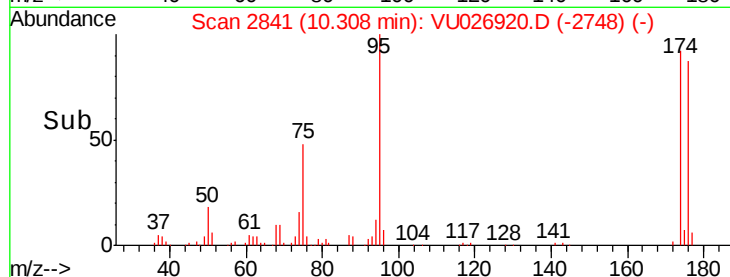
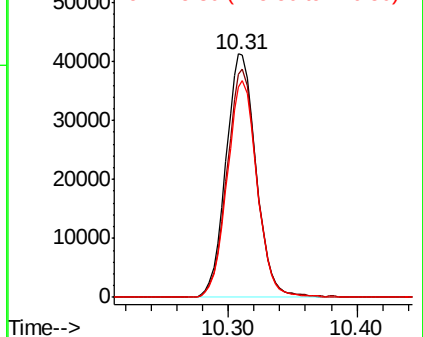
176 88.5 0.0 168.6



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: VU026920.D

Acq: 20 Sep 2018 00:18

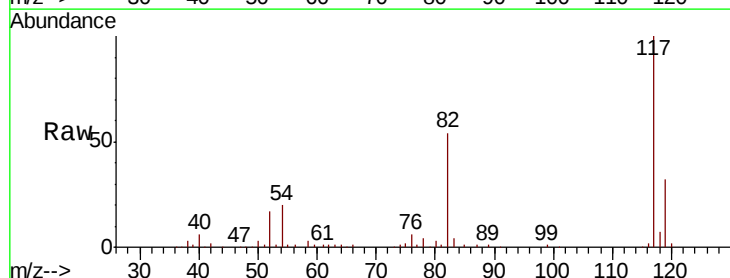
Tgt Ion: 117 Resp: 133769

Ion Ratio Lower Upper

117 100

82 54.1 44.1 66.1

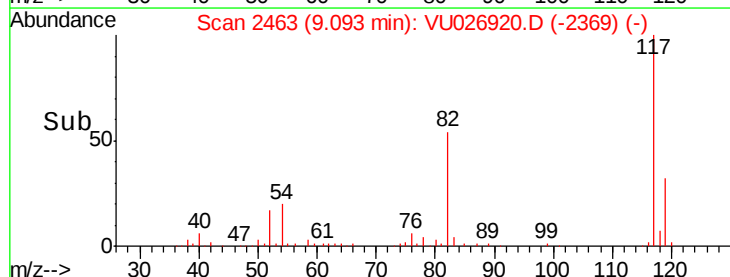
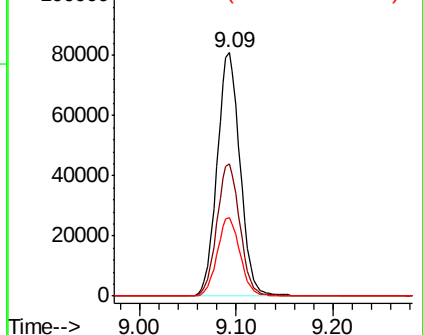
119 32.1 25.7 38.5

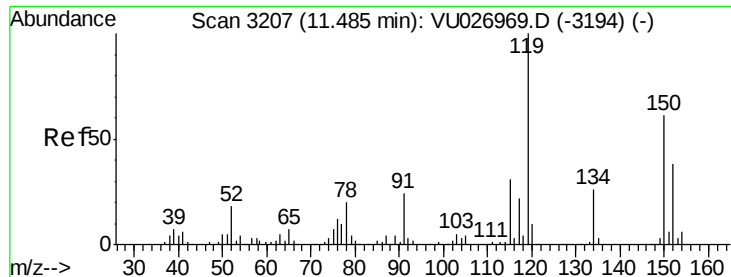


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU026920.D
 Acq: 20 Sep 2018 00:18

Instrument :
 MSVOA_U
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Tot Ion:152 Resp: 72090
 Ion Ratio Lower Upper
 152 100
 115 54.1 40.4 121.1
 150 156.1 0.0 345.2

