

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027376.D
 Acq On : 03 Oct 2018 23:25
 Operator : MD/SY
 Sample : J5163-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Quant Time: Oct 04 01:14:50 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

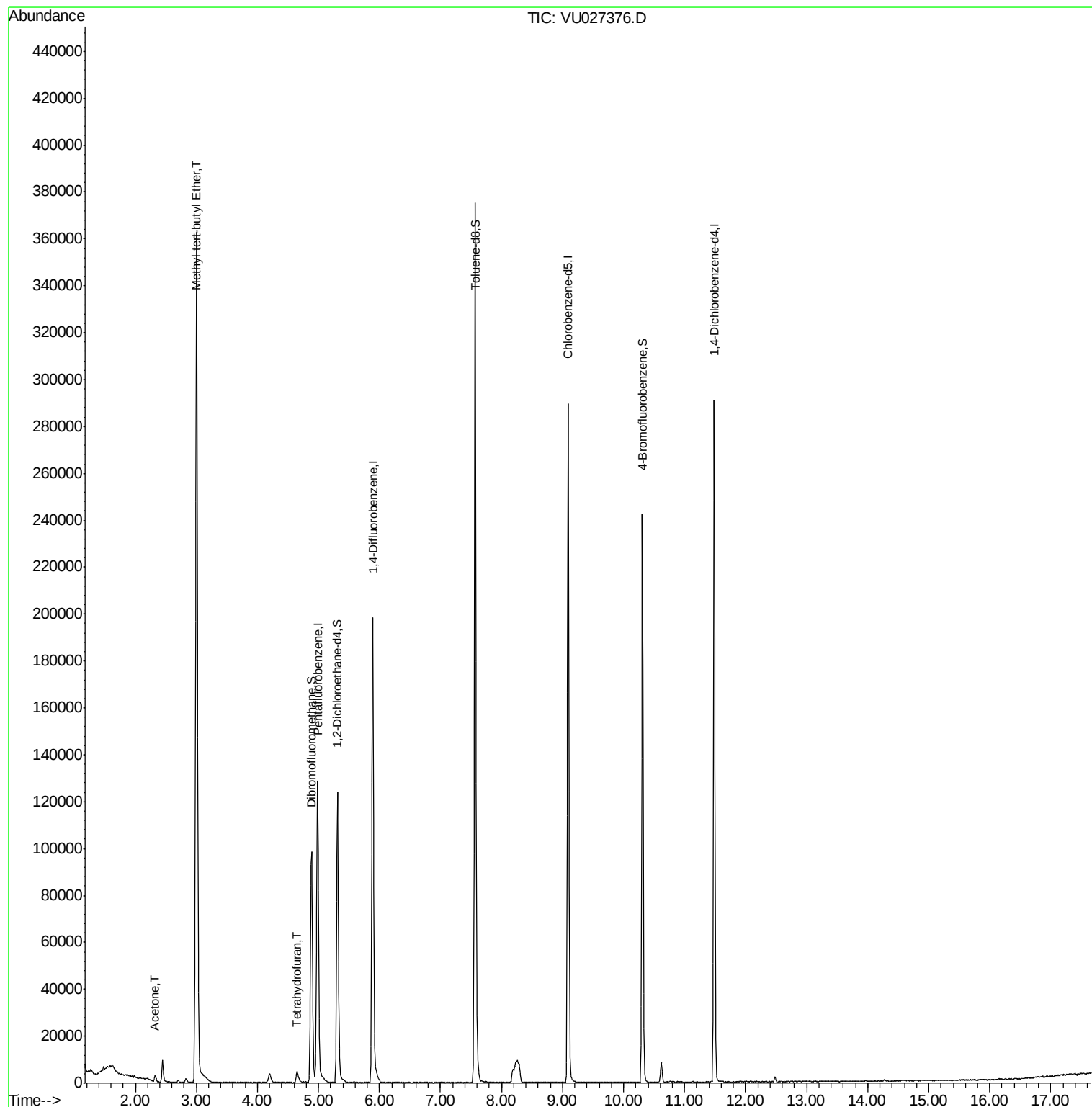
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159715	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96343	62.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.36%	
35) Dibromofluoromethane	4.88	113	69092	63.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.24%	
50) Toluene-d8	7.57	98	245521	59.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.86%	
62) 4-Bromofluorobenzene	10.31	95	79322	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
16) Acetone	2.32	43	3361	3.672	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	361905	92.158	ug/l	99
29) Tetrahydrofuran	4.65	42	4131	5.252	ug/l	97

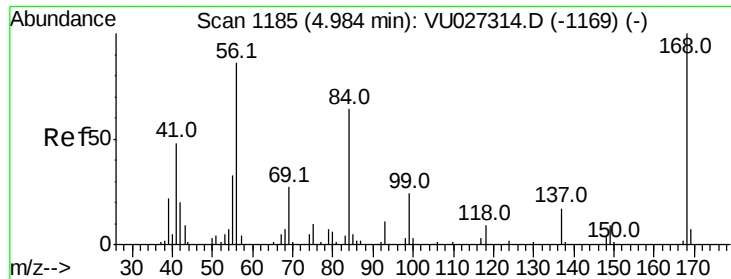
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027376.D

Acq: 03 Oct 2018 23:25

Instrument :

MSVOA_U

ClientSampleId :

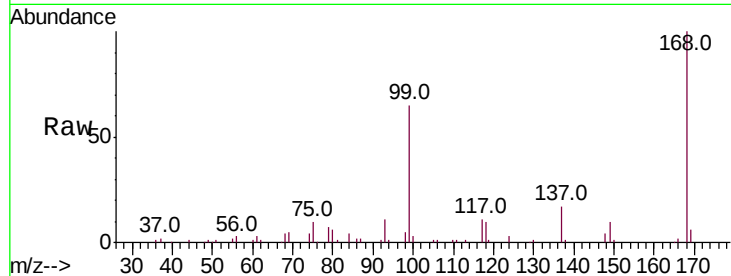
MW-4

Tot Ion:168 Resp: 92784

Ion Ratio Lower Upper

168 100

99 64.9 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) (-)

4.99

40000

30000

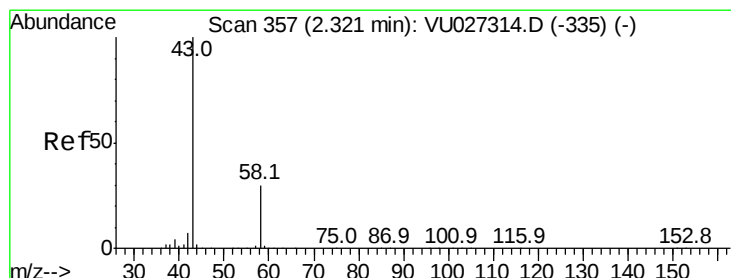
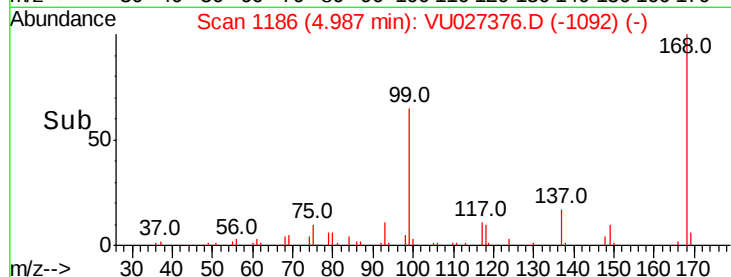
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 3.672 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027376.D

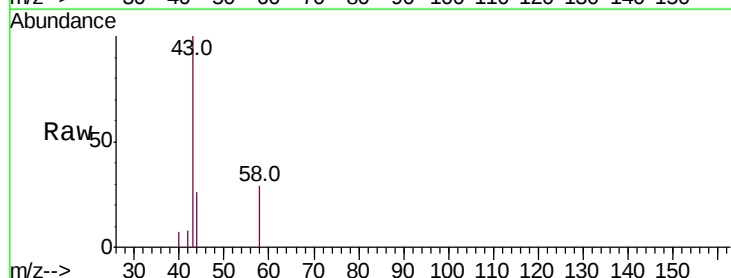
Acq: 03 Oct 2018 23:25

Tgt Ion: 43 Resp: 3361

Ion Ratio Lower Upper

43 100

58 29.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

2000

1500

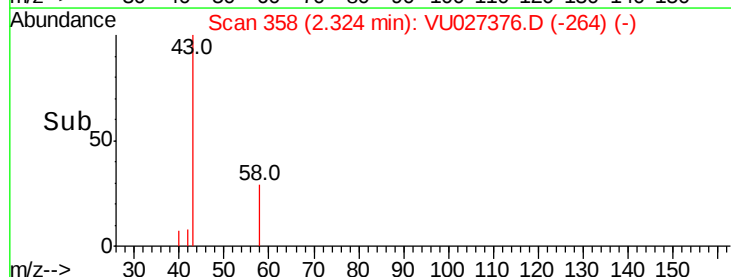
1000

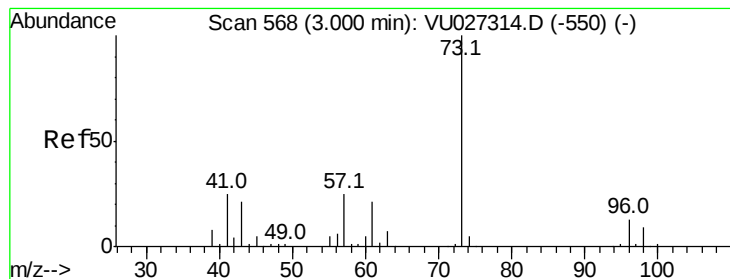
500

0

2.30 2.35

Time-->



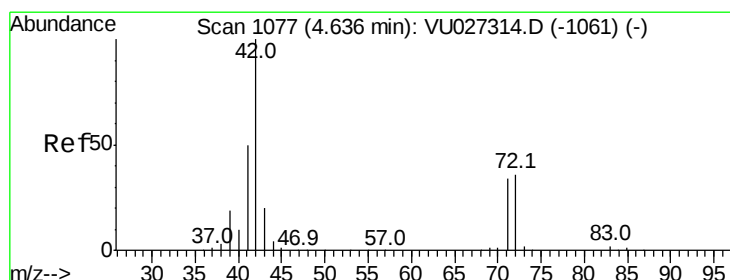
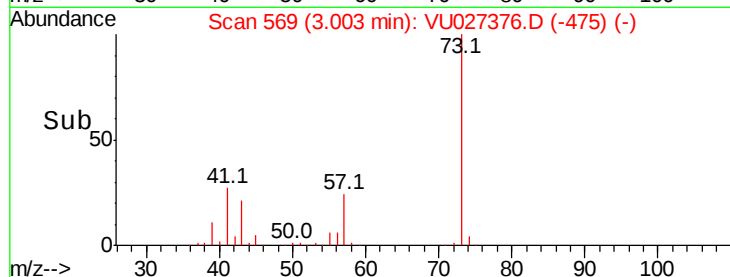
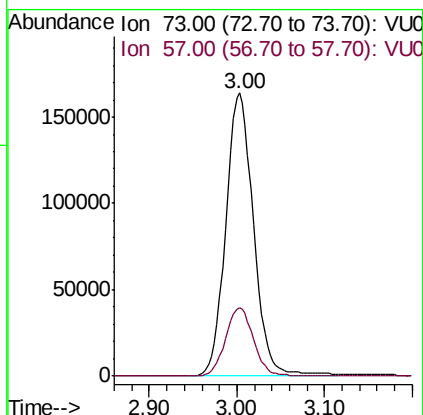
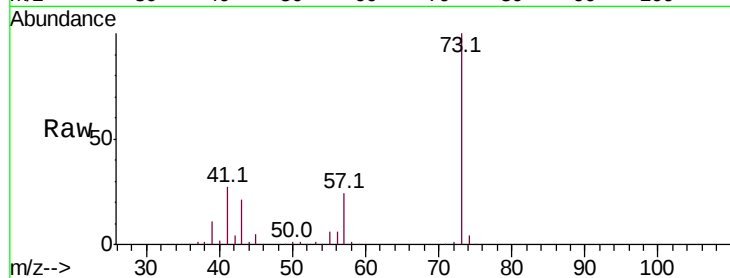


#19

Methvl tert-butvl Ether
 Concen: 92.158 ug/l
 RT: 3.00 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU027376.D
 Acq: 03 Oct 2018 23:25

Instrument :
 MSVOA_U
 ClientSampled :
 MW-4

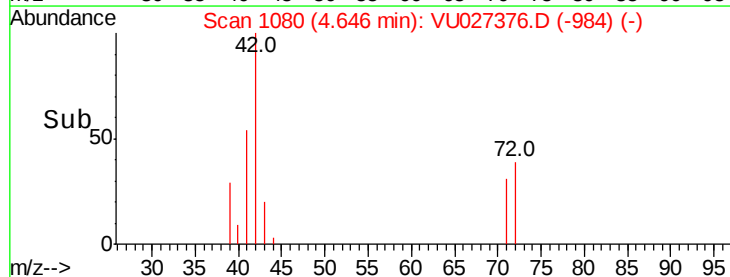
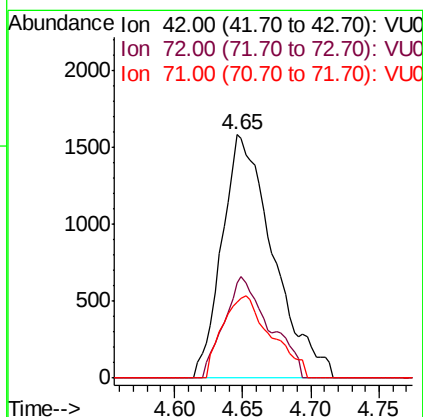
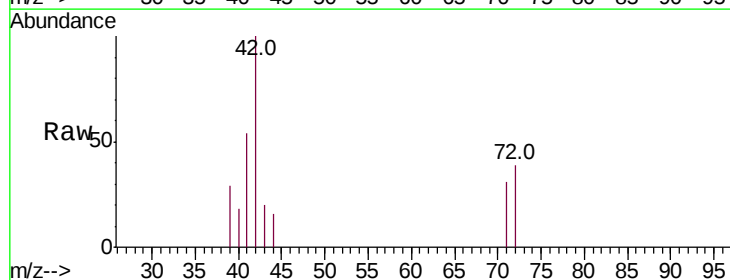
Tot Ion: 73 Resp: 361905
 Ion Ratio Lower Upper
 73 100
 57 24.3 20.0 30.0

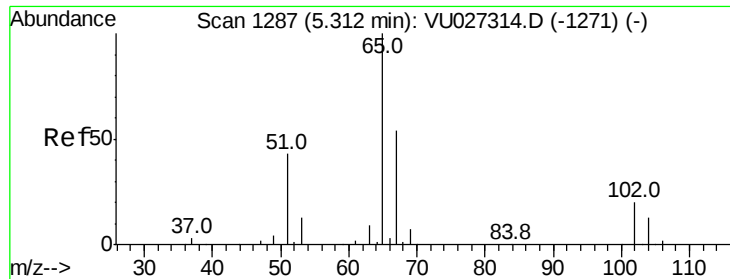


#29

Tetrahydrofuran
 Concen: 5.252 ug/l
 RT: 4.65 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: VU027376.D
 Acq: 03 Oct 2018 23:25

Tgt Ion: 42 Resp: 4131
 Ion Ratio Lower Upper
 42 100
 72 36.7 30.1 45.1
 71 32.2 27.7 41.5

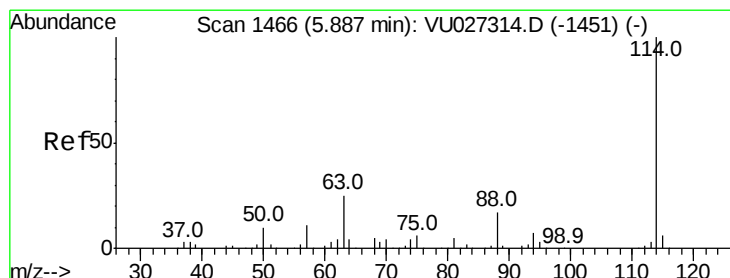
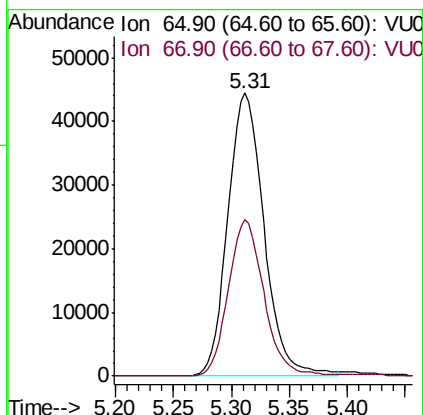
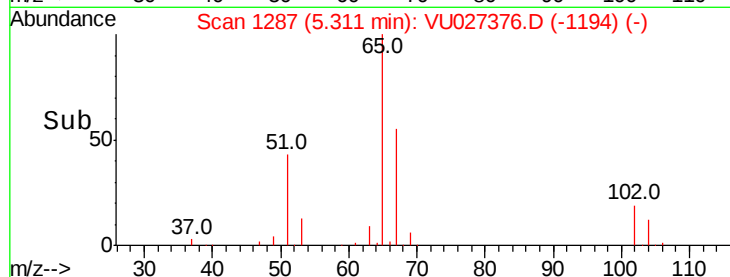
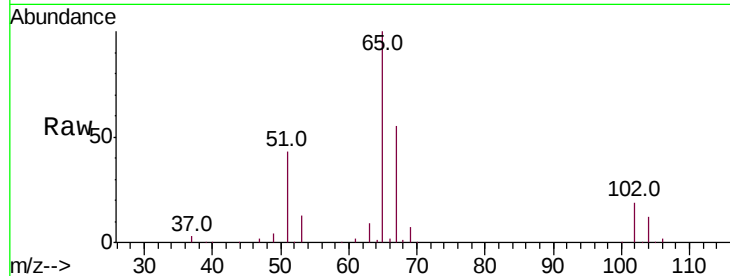




#33
 1,2-Dichloroethane-d4
 Concen: 62.184 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027376.D
 Acq: 03 Oct 2018 23:25

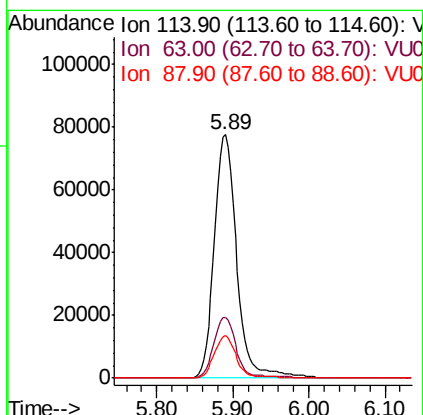
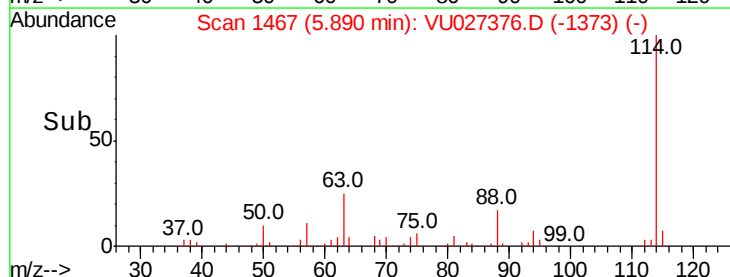
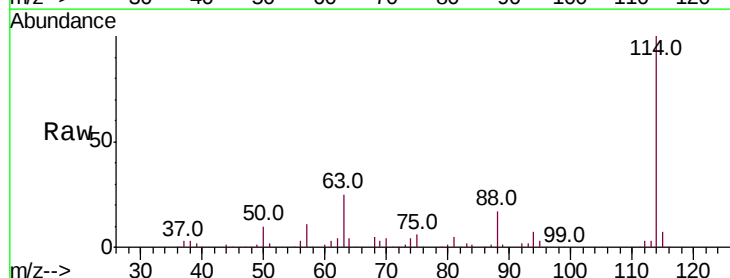
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

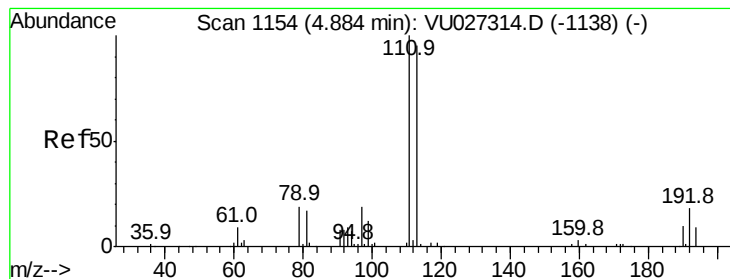
Tot Ion: 65 Resp: 96343
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027376.D
 Acq: 03 Oct 2018 23:25

Tgt Ion: 114 Resp: 159715
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.2
 88 17.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 63.122 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027376.D

Acq: 03 Oct 2018 23:25

Instrument :

MSVOA_U

ClientSampleId :

MW-4

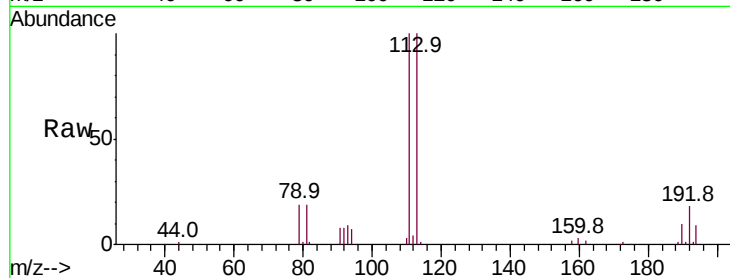
Tot Ion:113 Resp: 69092

Ion Ratio Lower Upper

113 100

111 100.9 83.1 124.7

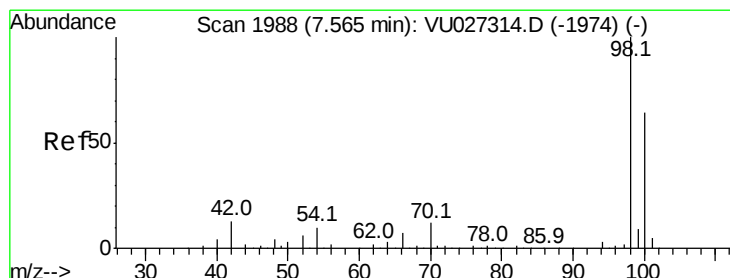
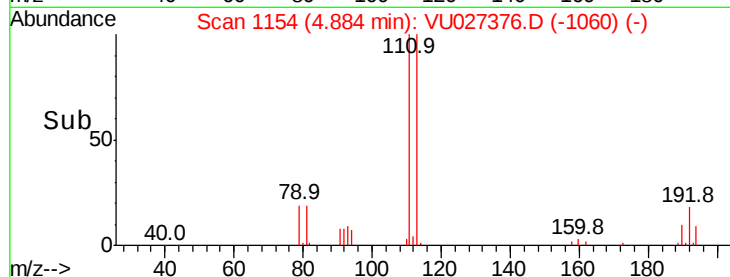
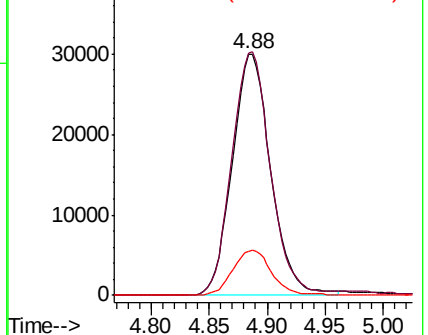
192 18.6 15.4 23.0



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: 59.932 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027376.D

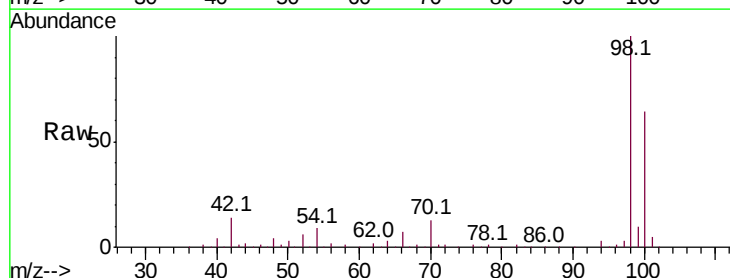
Acq: 03 Oct 2018 23:25

Tgt Ion: 98 Resp: 245521

Ion Ratio Lower Upper

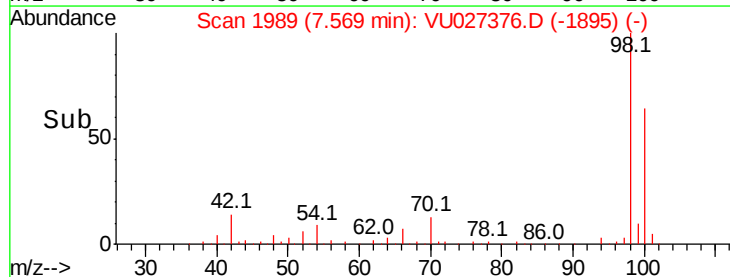
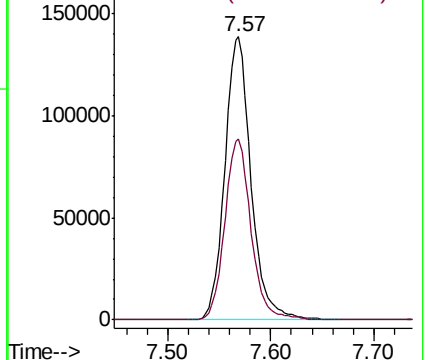
98 100

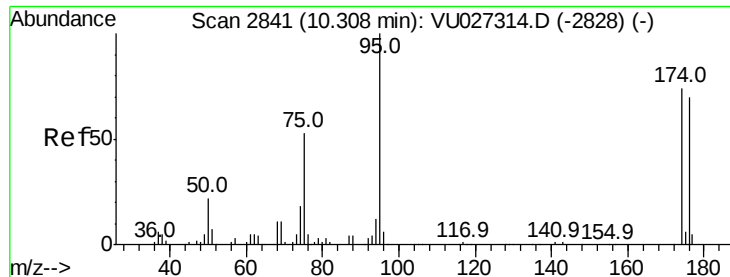
100 64.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 52.101 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027376.D

Acq: 03 Oct 2018 23:25

Instrument :

MSVOA_U

ClientSampled :

MW-4

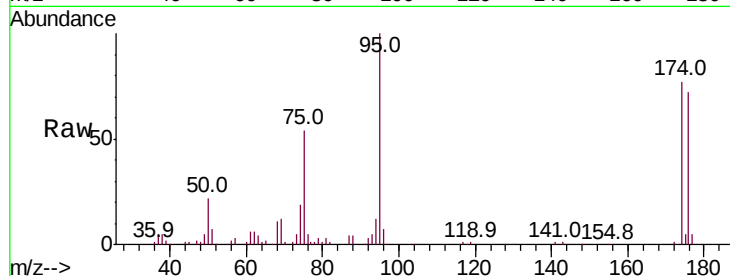
Tot Ion: 95 Resp: 79322

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.8

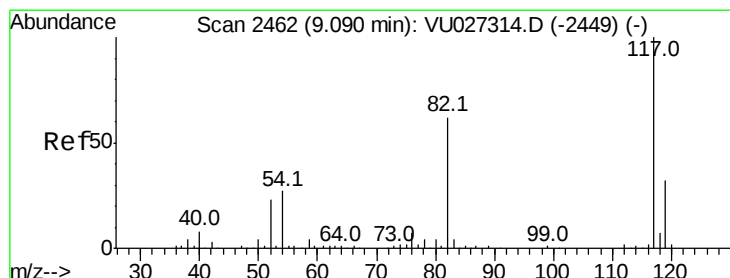
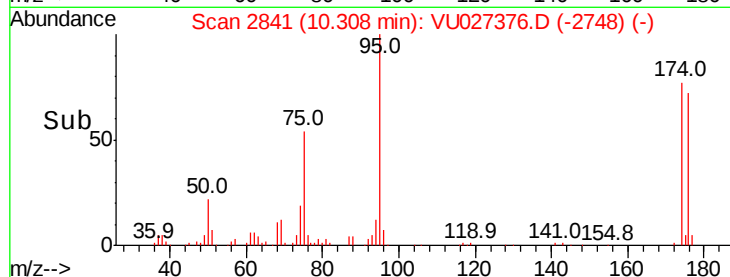
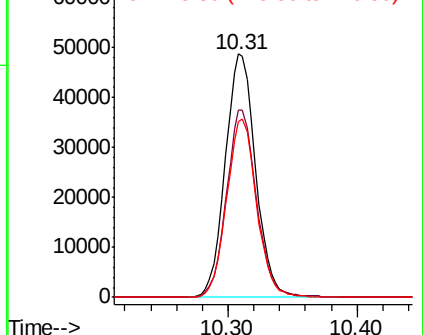
176 72.5 0.0 140.8



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# 2462

Delta R.T. -0.00 min

Lab File: VU027376.D

Acq: 03 Oct 2018 23:25

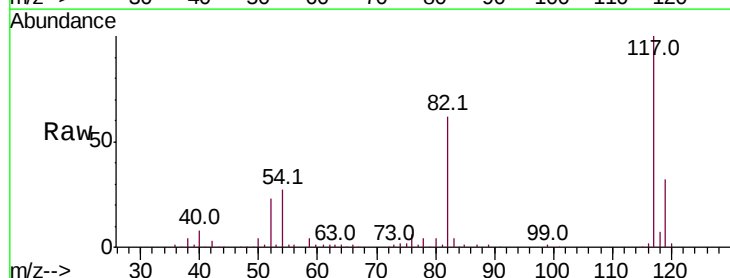
Tgt Ion: 117 Resp: 150557

Ion Ratio Lower Upper

117 100

82 62.4 49.2 73.8

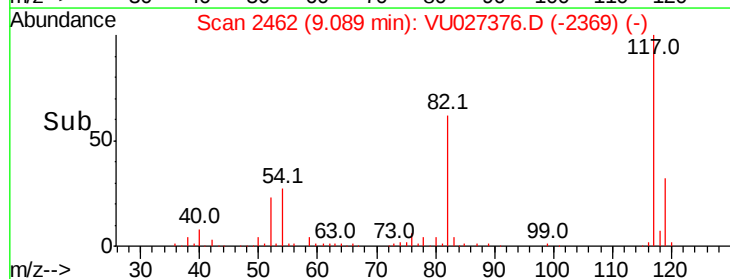
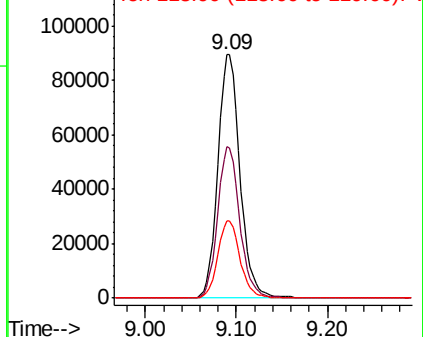
119 31.8 25.7 38.5

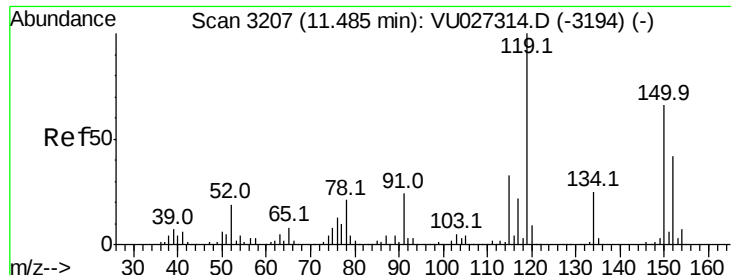


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU027376.D
 Acq: 03 Oct 2018 23:25

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Tot Ion:152 Resp: 71542
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.4 130.2
 150 155.4 0.0 349.2

