

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
 Data File : VU027986.D
 Acq On : 06 Nov 2018 14:50
 Operator : MD/SY
 Sample : J5822-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-1

Quant Time: Nov 06 15:13:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

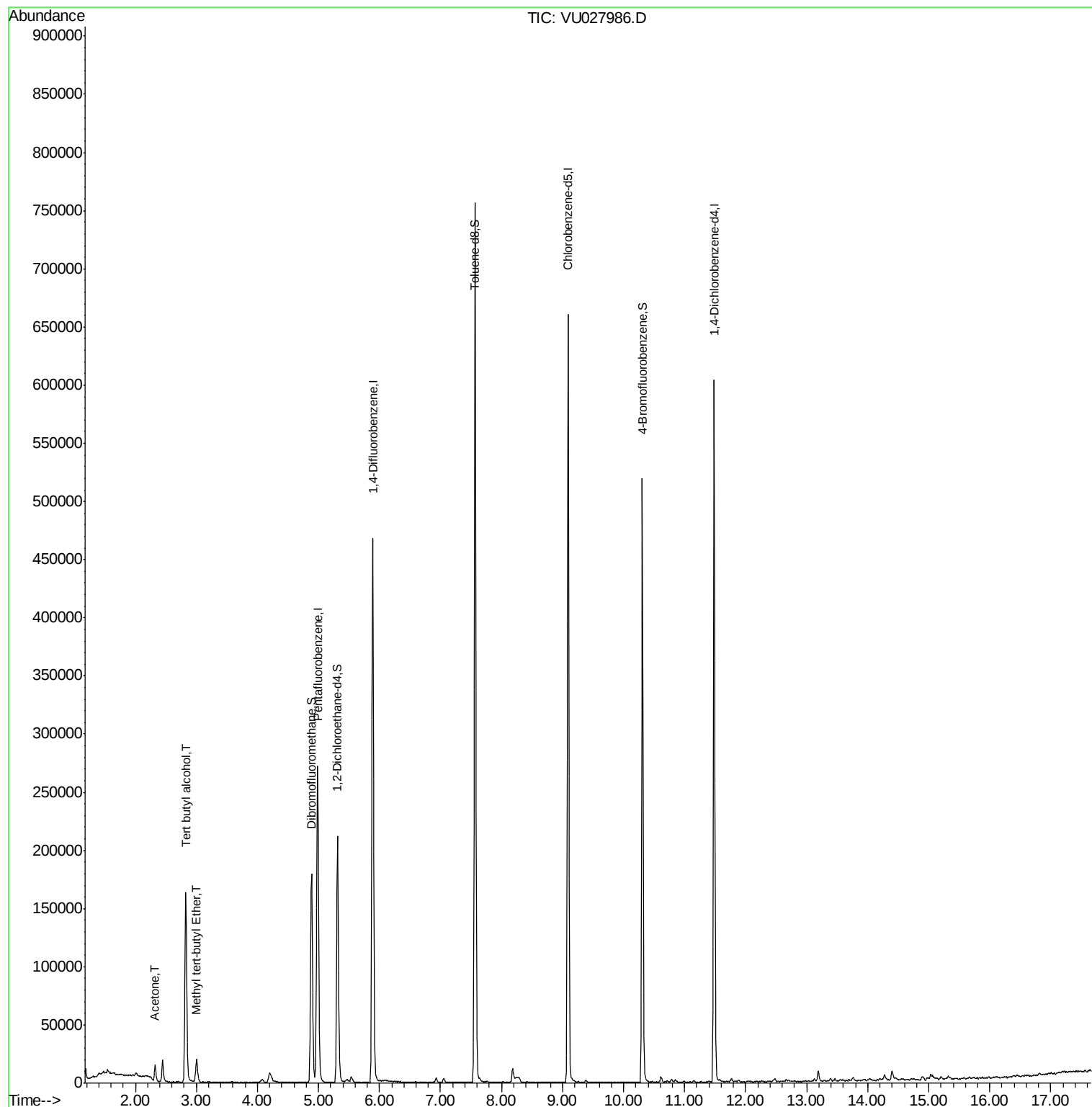
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	204408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	382369	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	348402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	150074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	166277	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
35) Dibromofluoromethane	4.89	113	125183	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	7.57	98	495199	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	10.31	95	168487	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	195468	242.958	ug/l	Qvalue 100
16) Acetone	2.32	43	13772	7.304	ug/l	99
19) Methyl tert-butyl Ether	3.01	73	20895	2.419	ug/l	96

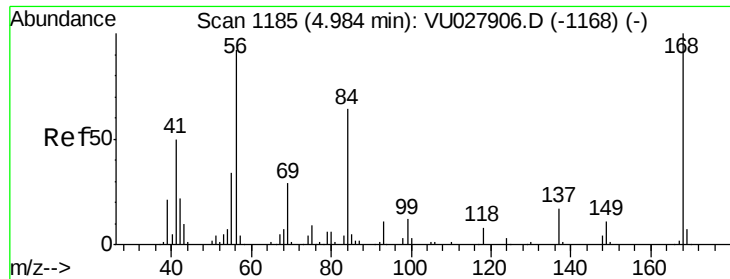
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

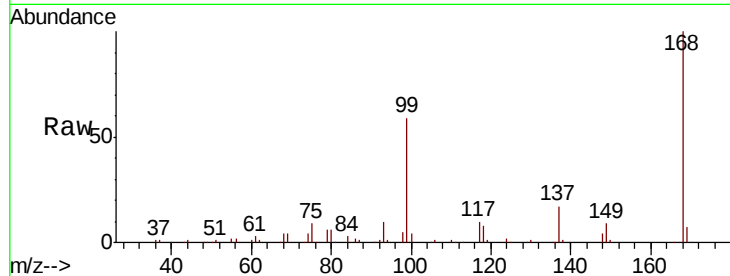
DUP-1

Tot Ion:168 Resp: 204408

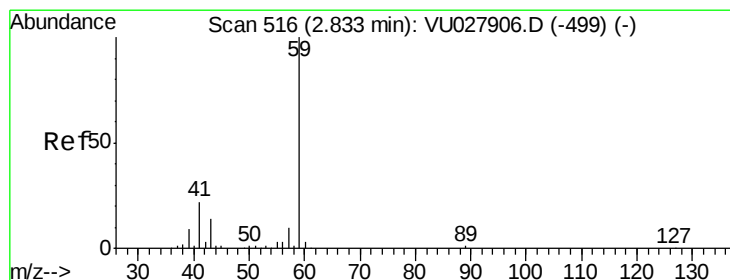
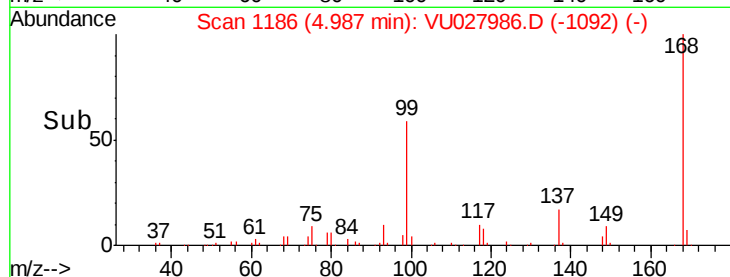
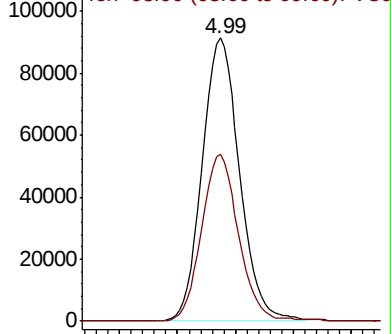
Ion Ratio Lower Upper

168 100

99 59.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)



#11

Tert butyl alcohol

Concen: 242.958 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.01 min

Lab File: VU027986.D

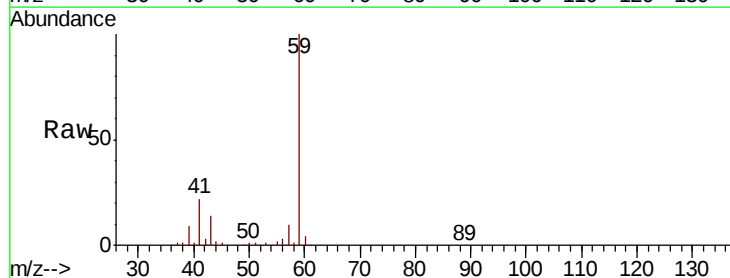
Acq: 06 Nov 2018 14:50

Tgt Ion: 59 Resp: 195468

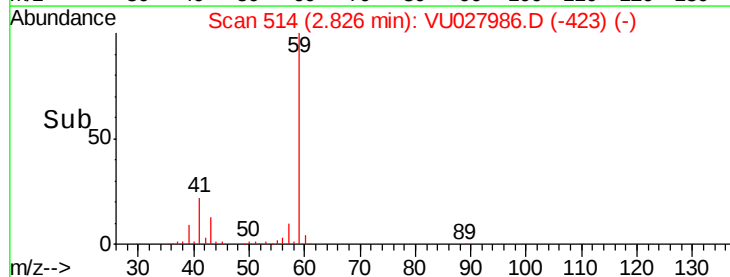
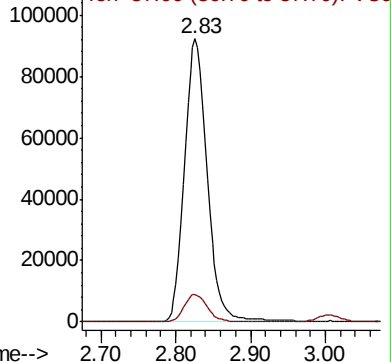
Ion Ratio Lower Upper

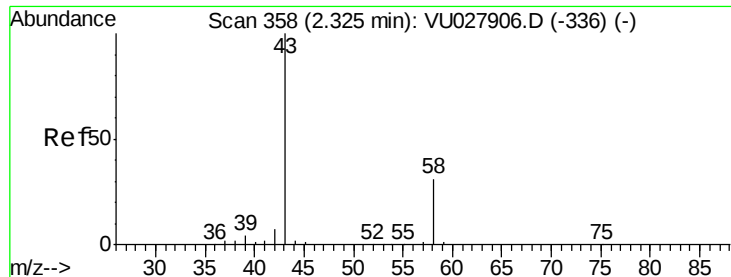
59 100

57 9.9 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VU027906.D (-499) (-)





#16

Acetone

Concen: 7.304 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027986.D

Acq: 06 Nov 2018 14:50

Instrument :

MSVOA_U

ClientSampleId :

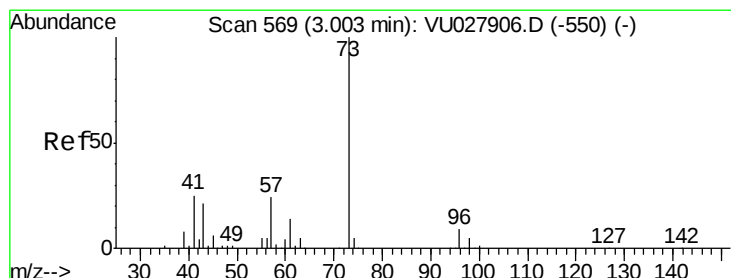
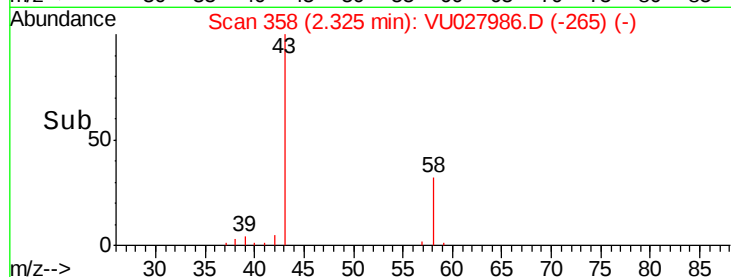
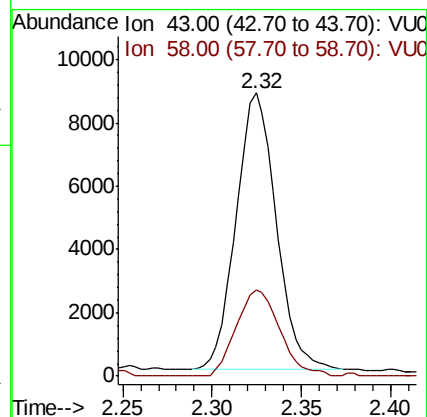
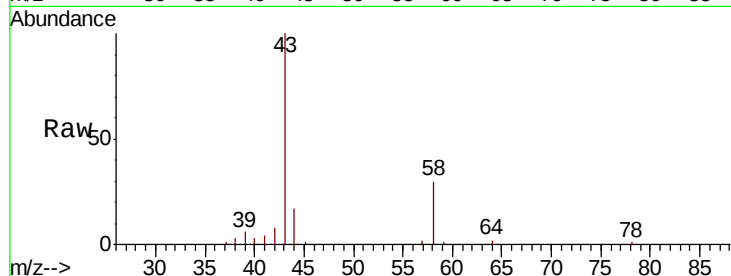
DUP-1

Tot Ion: 43 Resp: 13772

Ion Ratio Lower Upper

43 100

58 31.2 24.6 37.0



#19

Methyl tert-butyl Ether

Concen: 2.419 ug/l

RT: 3.01 min Scan# 570

Delta R.T. 0.00 min

Lab File: VU027986.D

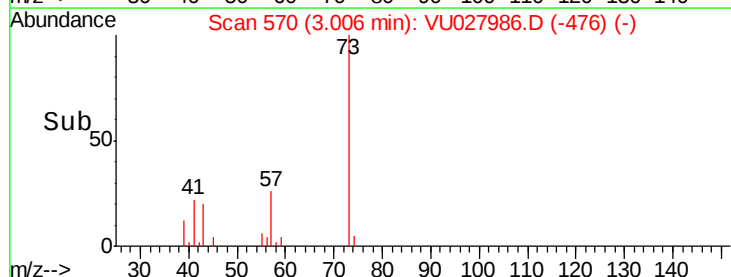
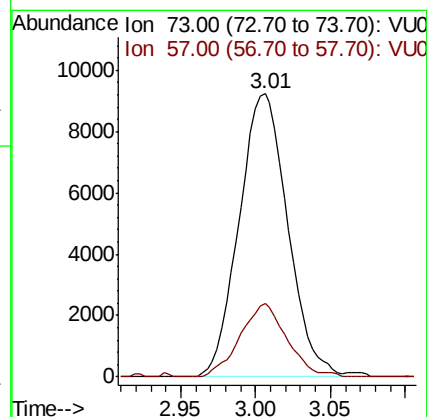
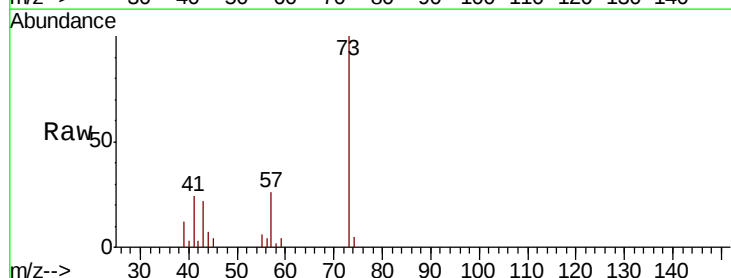
Acq: 06 Nov 2018 14:50

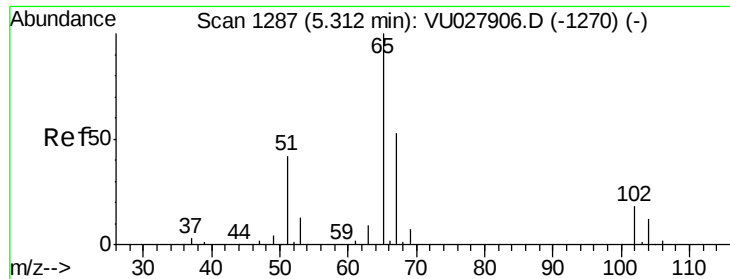
Tgt Ion: 73 Resp: 20895

Ion Ratio Lower Upper

73 100

57 25.9 19.3 28.9

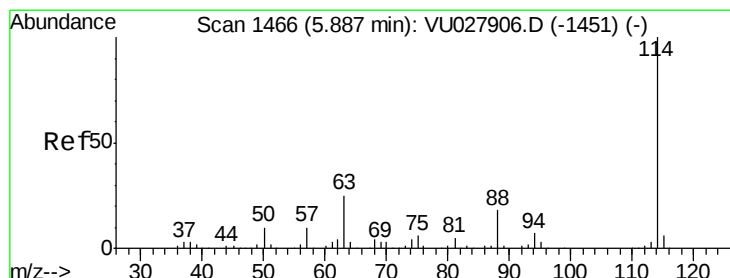
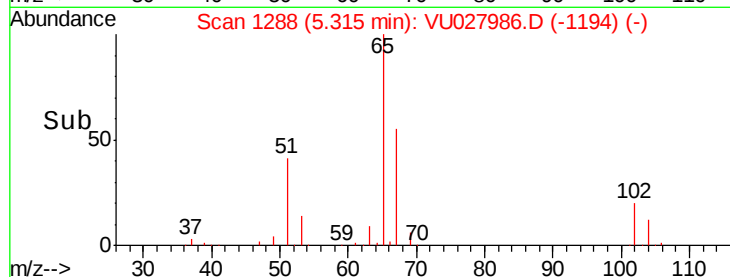
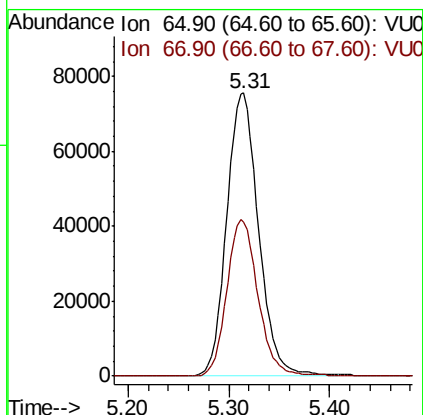
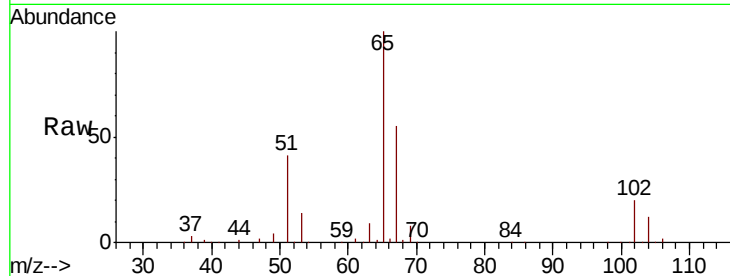




#33
 1,2-Dichloroethane-d4
 Concen: 54.714 ug/l
 RT: 5.31 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VU027986.D
 Acq: 06 Nov 2018 14:50

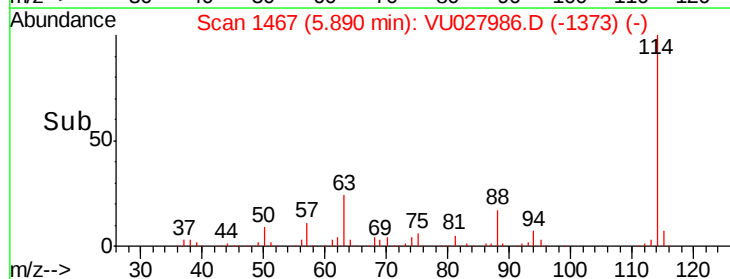
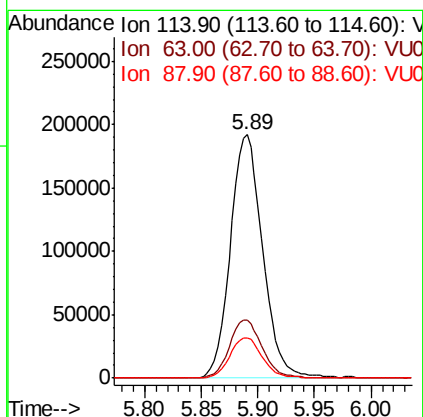
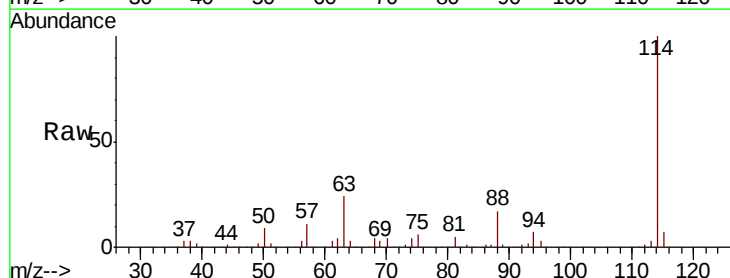
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-1

Tot Ion: 65 Resp: 166277
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027986.D
 Acq: 06 Nov 2018 14:50

Tgt Ion: 114 Resp: 382369
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.8
 88 16.7 0.0 35.8

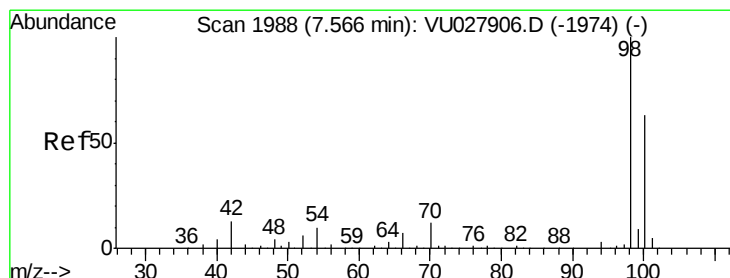
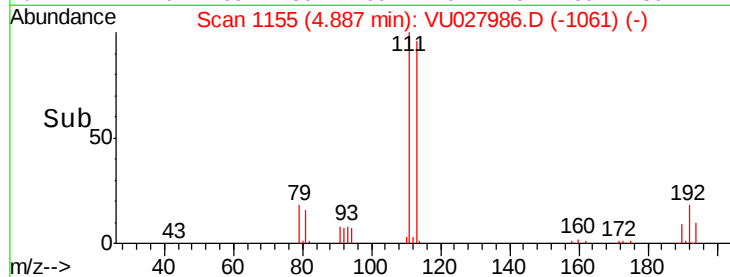
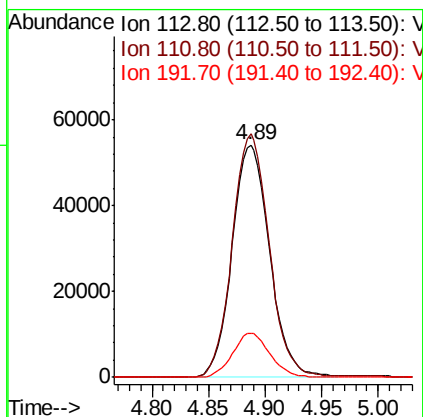
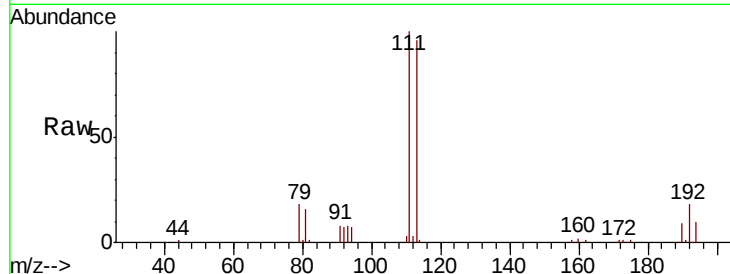




#35
 Dibromofluoromethane
 Concen: 51.924 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027986.D
 Acq: 06 Nov 2018 14:50

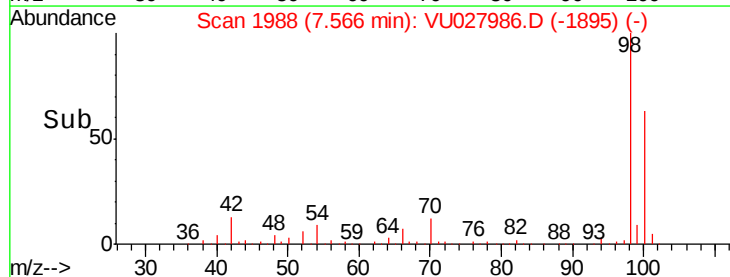
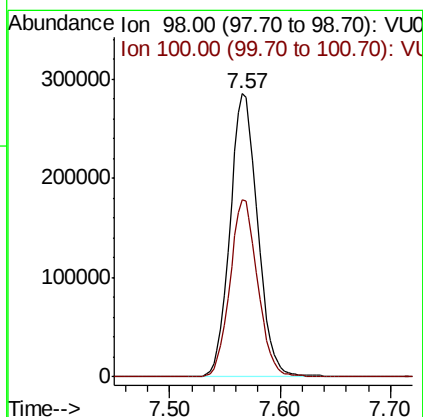
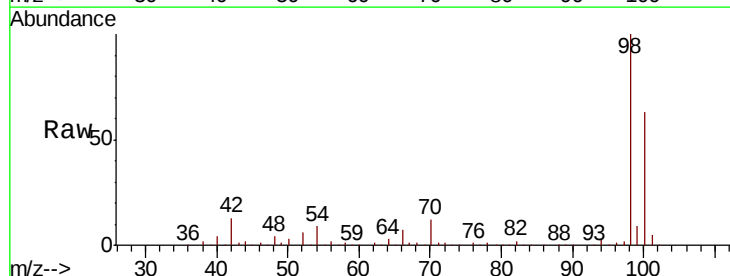
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-1

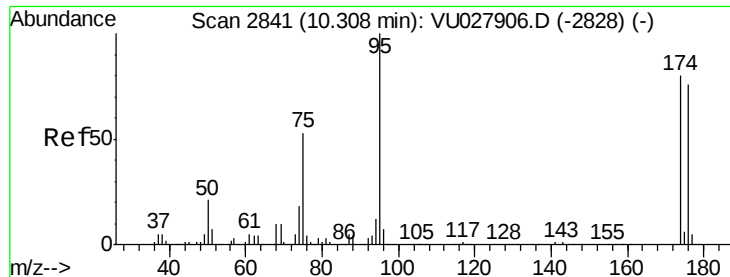
Tot Ion:113 Resp: 125183
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.6
 192 18.9 15.6 23.4



#50
 Toluene-d8
 Concen: 53.172 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU027986.D
 Acq: 06 Nov 2018 14:50

Tgt Ion: 98 Resp: 495199
 Ion Ratio Lower Upper
 98 100
 100 62.8 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 49.049 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027986.D

Acq: 06 Nov 2018 14:50

Instrument :

MSVOA_U

ClientSampled :

DUP-1

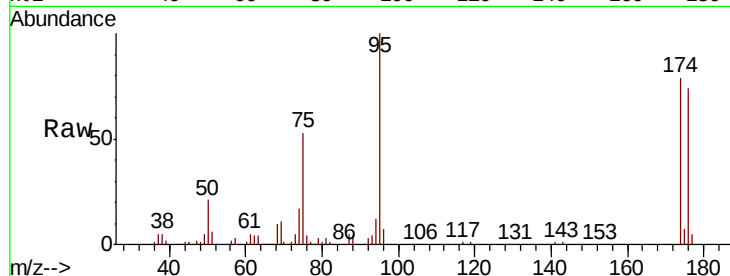
Tot Ion: 95 Resp: 168487

Ion Ratio Lower Upper

95 100

174 78.2 0.0 156.4

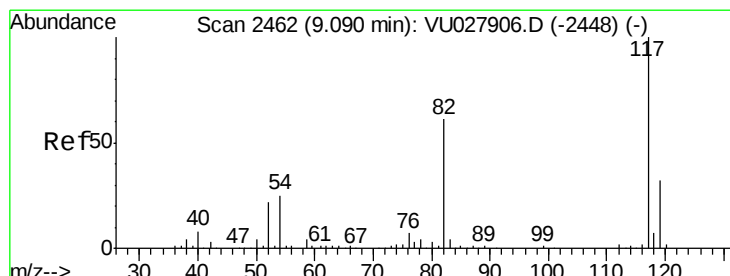
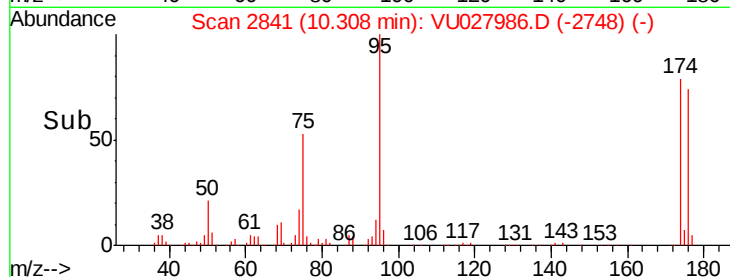
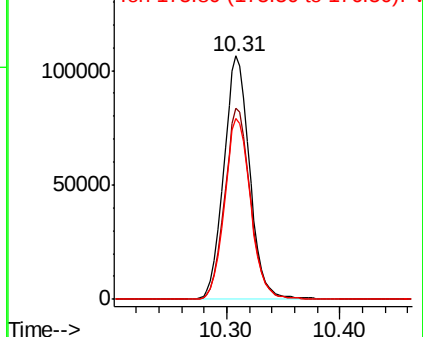
176 74.9 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027986.D

Acq: 06 Nov 2018 14:50

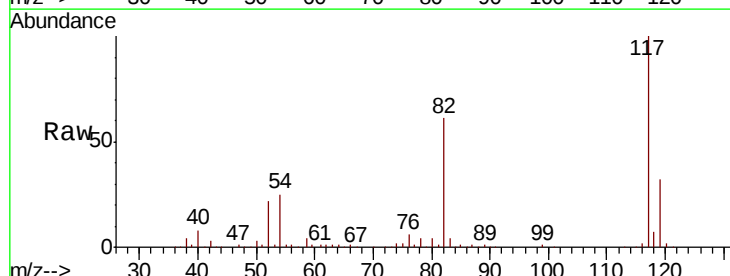
Tgt Ion: 117 Resp: 348402

Ion Ratio Lower Upper

117 100

82 61.2 48.6 73.0

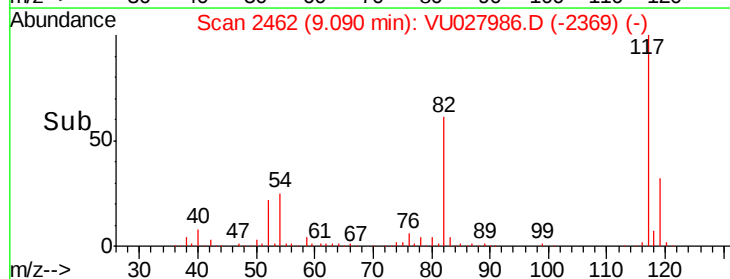
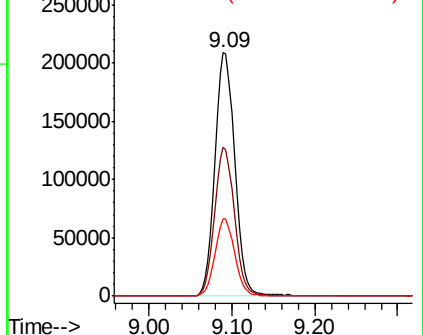
119 31.8 25.8 38.8

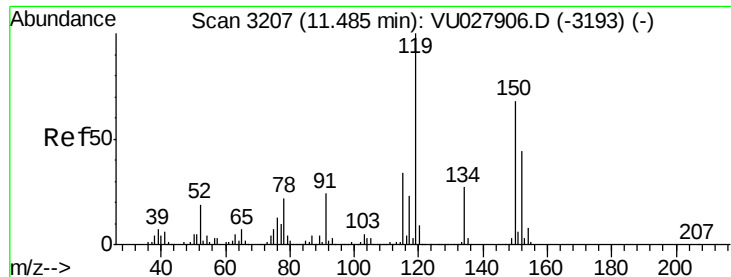


Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027986.D

Acq: 06 Nov 2018 14:50

Instrument :

MSVOA_U

ClientSampleId :

DUP-1

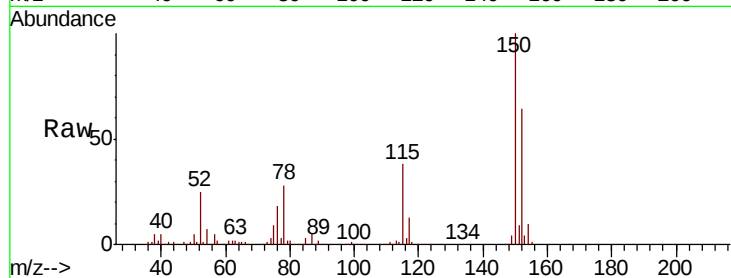
Tot Ion:152 Resp: 150074

Ion Ratio Lower Upper

152 100

115 60.8 43.0 129.0

150 157.2 0.0 349.4



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

