

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027268.D
 Acq On : 28 Sep 2018 13:55
 Operator : MD/SY
 Sample : J5104-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-E5JEB5-ER1

Quant Time: Oct 02 06:50:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

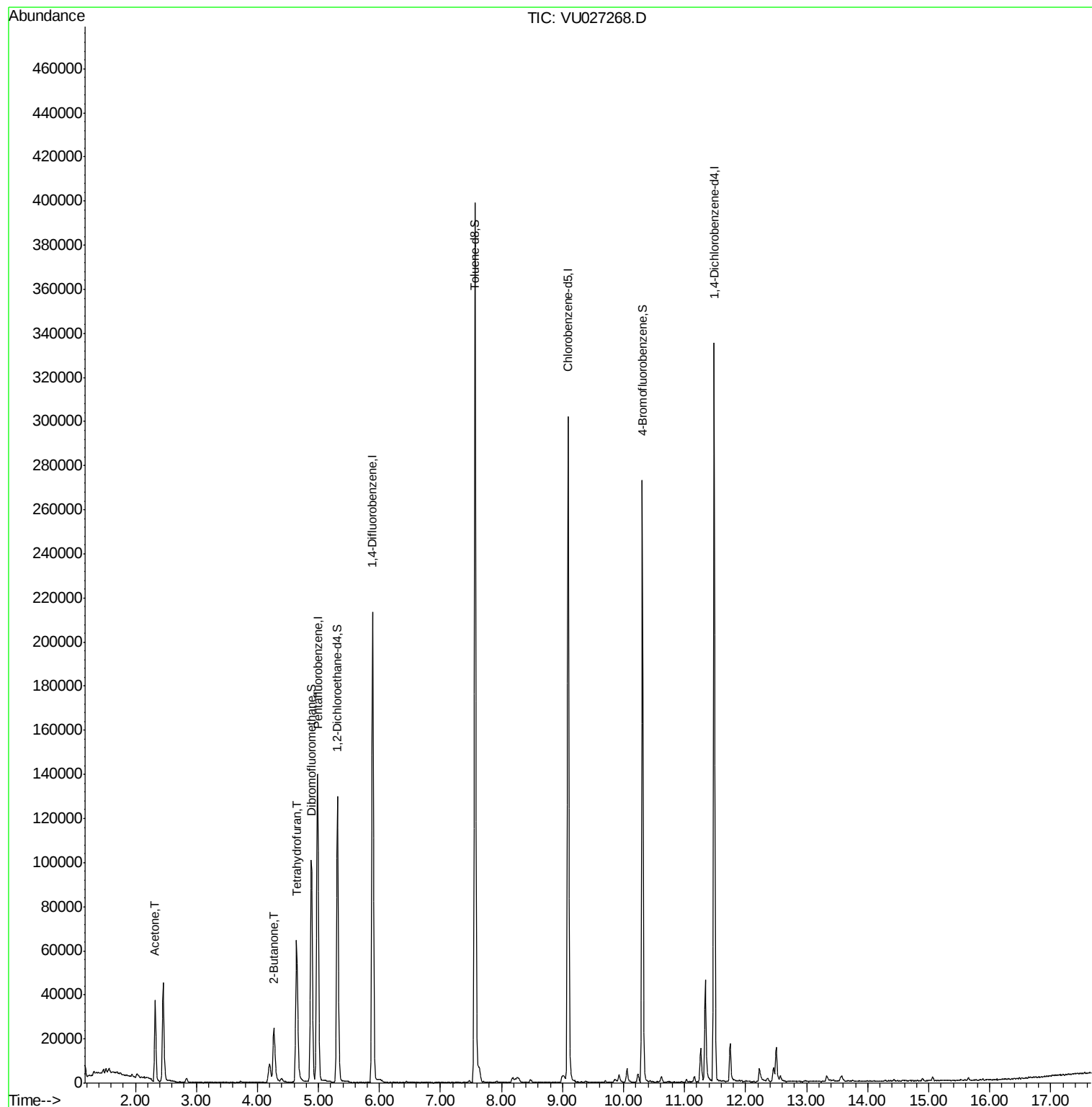
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	99189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	164947	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	157784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	79351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99480	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
35) Dibromofluoromethane	4.89	113	69647	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	7.57	98	258401	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	10.31	95	87389	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
Target Compounds						
16) Acetone	2.32	43	39354	21.980	ug/l	Qvalue 100
25) 2-Butanone	4.27	43	42238	25.176	ug/l	98
29) Tetrahydrofuran	4.64	42	50693	49.949	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

Lab File: VU027268.D

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ClientSampleId :

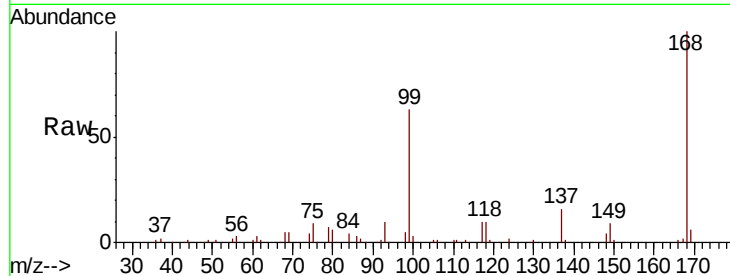
FA18-E5JEB5-ER1

Tot Ion:168 Resp: 99189

Ion Ratio Lower Upper

168 100

99 63.3 48.1 72.1



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

50000

40000

30000

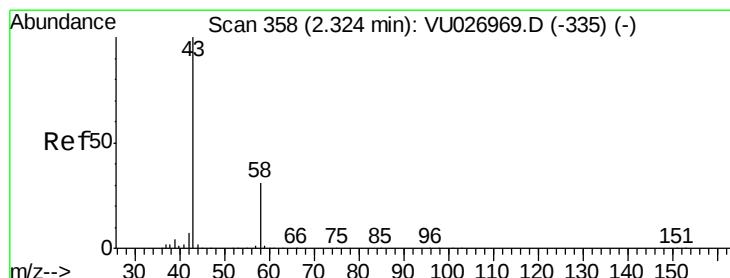
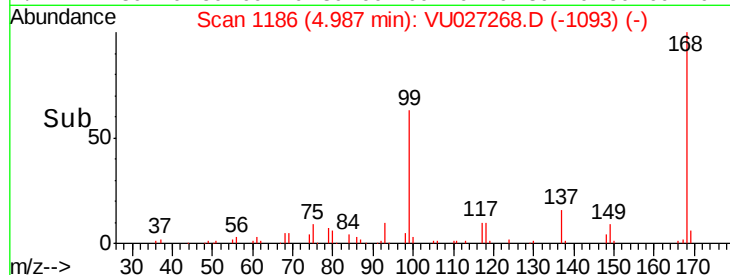
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 21.980 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027268.D

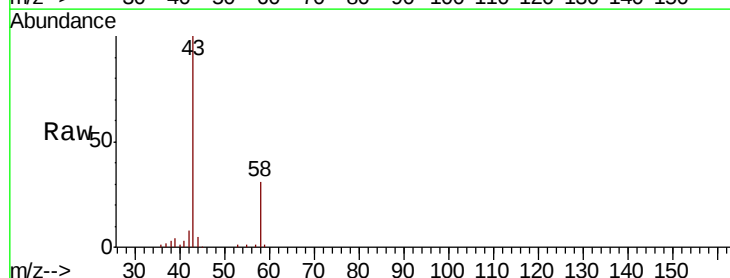
Acq: 28 Sep 2018 13:55

Tgt Ion: 43 Resp: 39354

Ion Ratio Lower Upper

43 100

58 30.5 24.6 36.8



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

25000

20000

15000

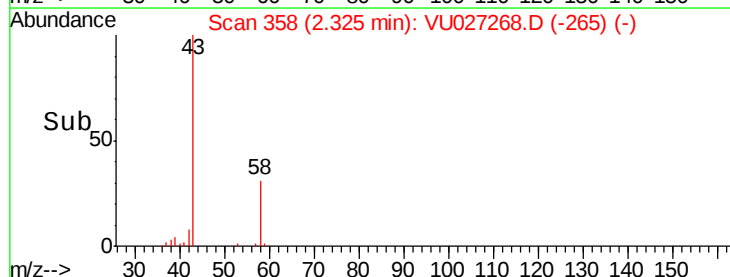
10000

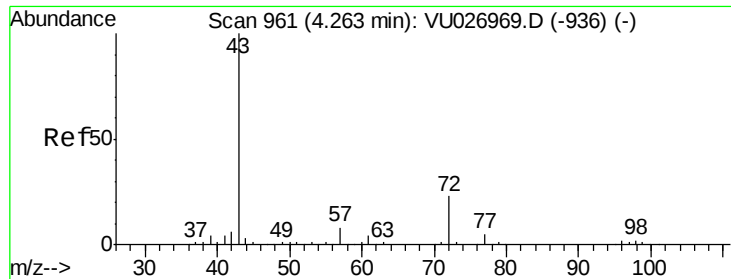
5000

0

2.25 2.30 2.35 2.40

Time-->





#25

2-Butanone

Concen: 25.176 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027268.D

Acq: 28 Sep 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

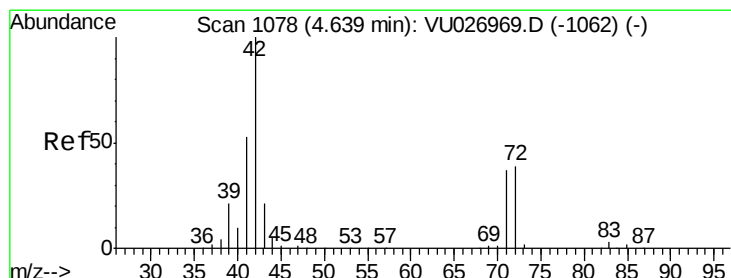
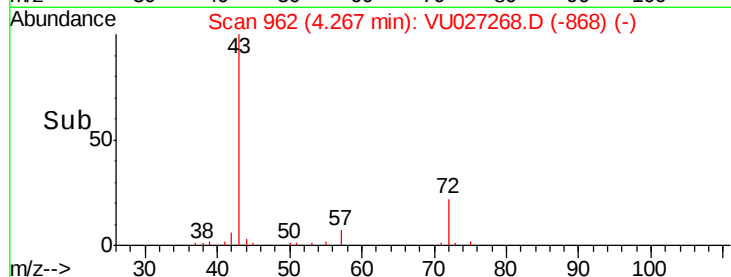
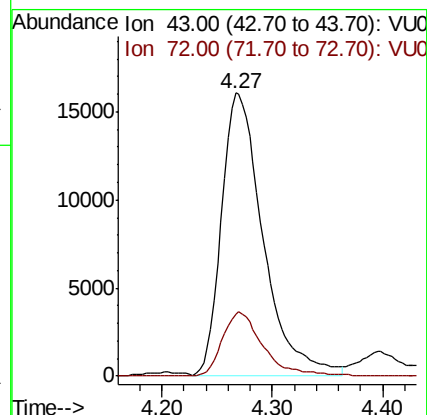
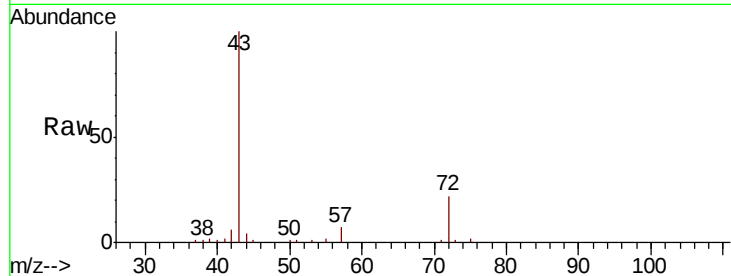
FA18-E5JEB5-ER1

Tot Ion: 43 Resp: 42238

Ion Ratio Lower Upper

43 100

72 22.0 18.4 27.6



#29

Tetrahydrofuran

Concen: 49.949 ug/l

RT: 4.64 min Scan# 1079

Delta R.T. 0.00 min

Lab File: VU027268.D

Acq: 28 Sep 2018 13:55

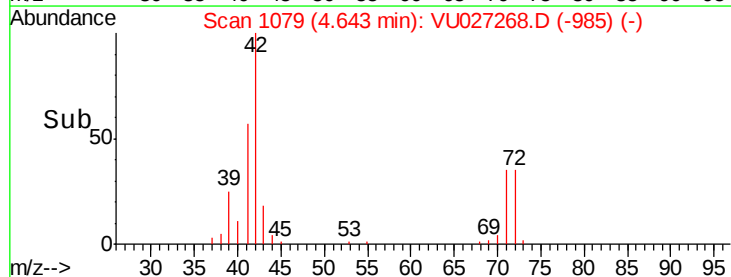
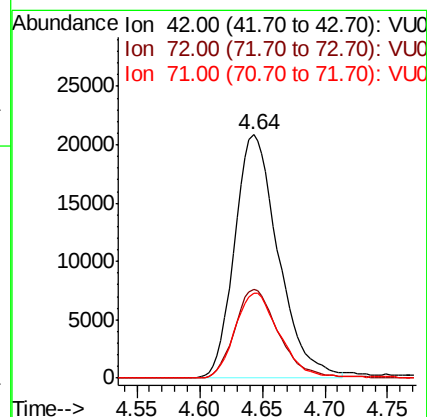
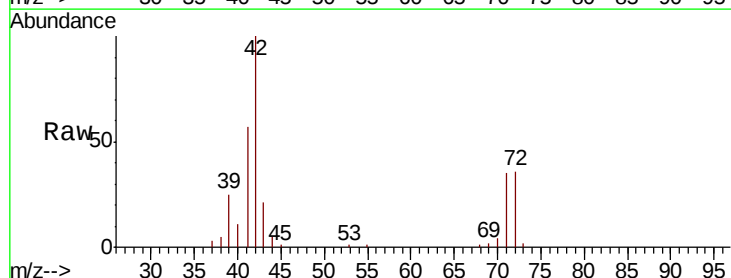
Tgt Ion: 42 Resp: 50693

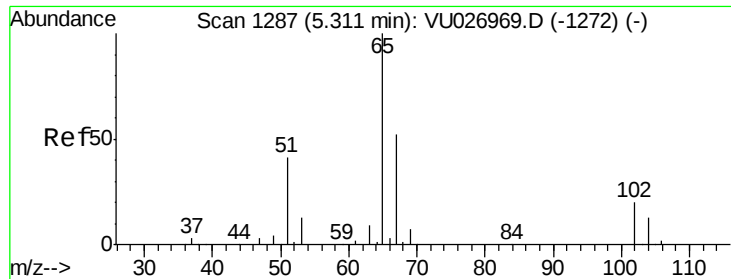
Ion Ratio Lower Upper

42 100

72 36.6 31.7 47.5

71 35.4 29.6 44.4

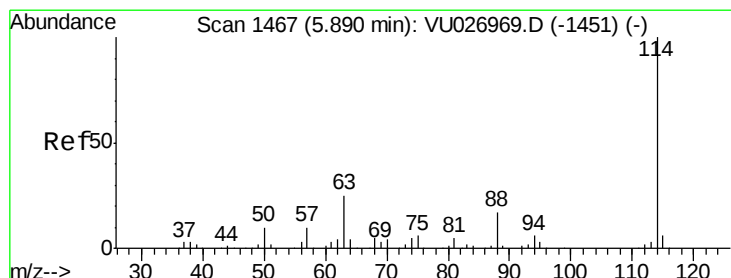
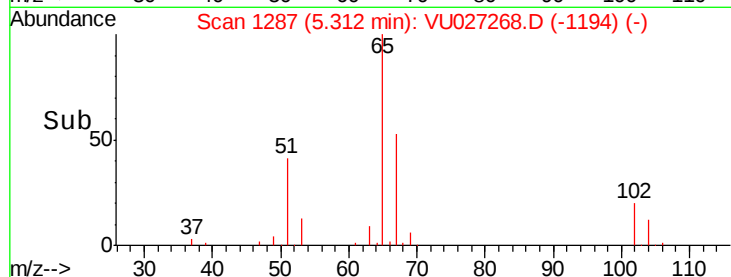
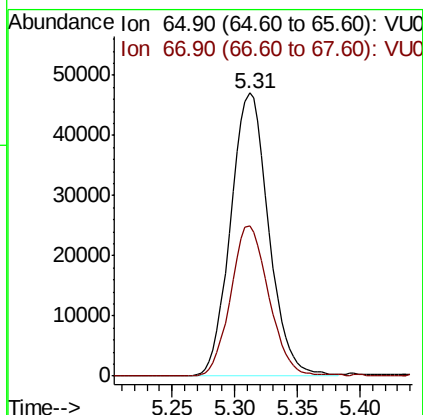
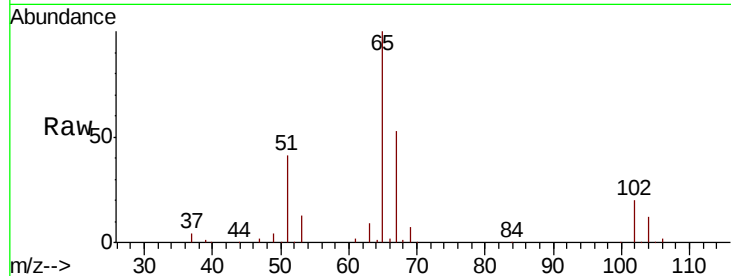




#33
 1,2-Dichloroethane-d4
 Concen: 49.831 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027268.D
 Acq: 28 Sep 2018 13:55

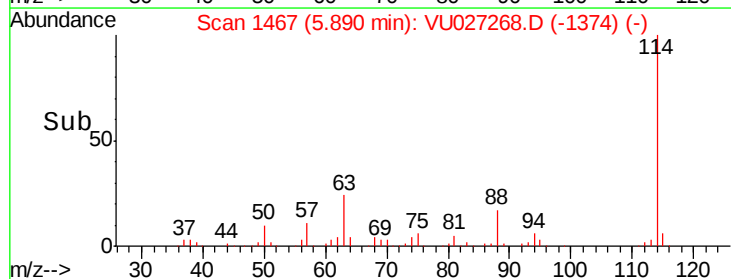
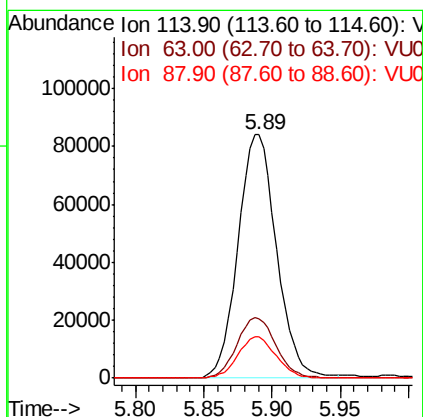
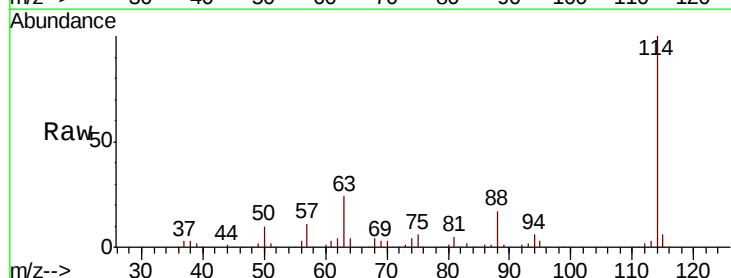
Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-E5JEB5-ER1

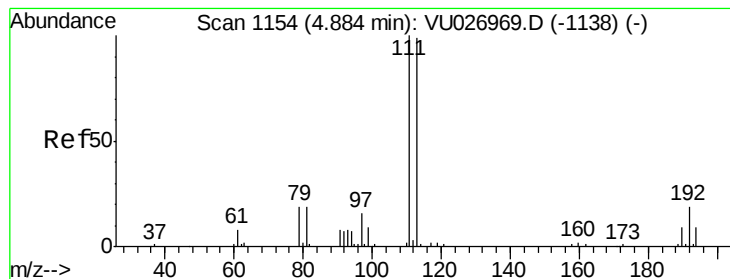
Tot Ion: 65 Resp: 99480
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027268.D
 Acq: 28 Sep 2018 13:55

Tgt Ion: 114 Resp: 164947
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.712 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027268.D

Acq: 28 Sep 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

FA18-E5JEB5-ER1

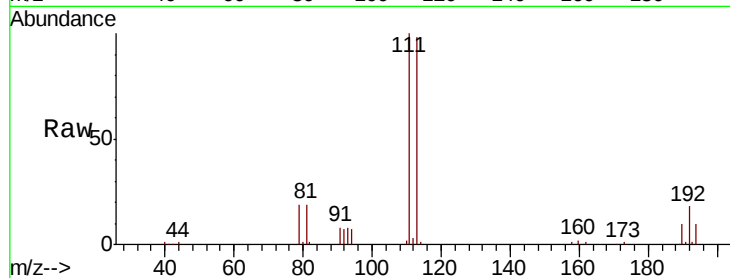
Tot Ion:113 Resp: 69647

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

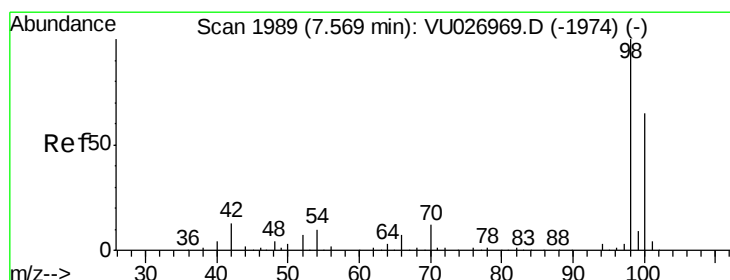
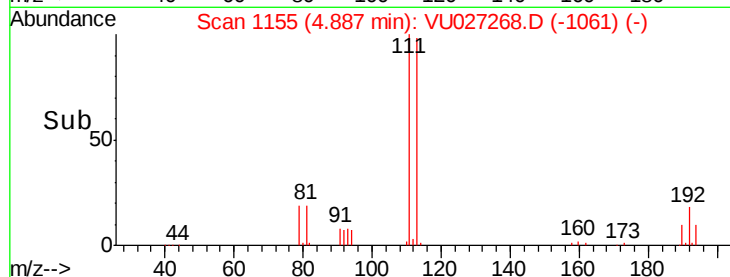
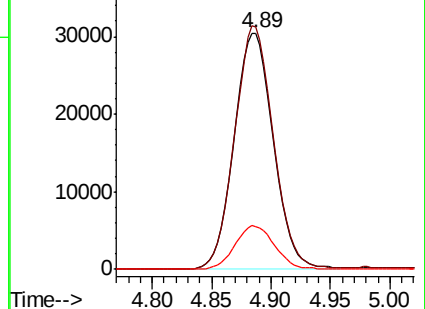
192 18.6 15.2 22.8



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: 47.423 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027268.D

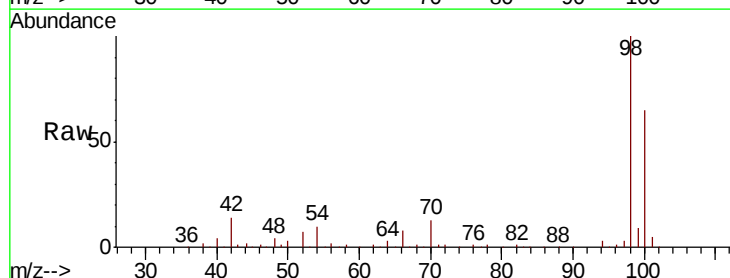
Acq: 28 Sep 2018 13:55

Tgt Ion: 98 Resp: 258401

Ion Ratio Lower Upper

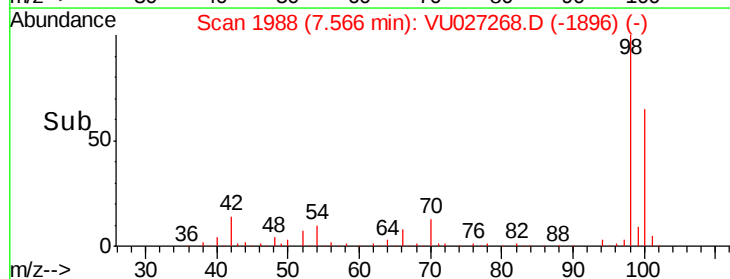
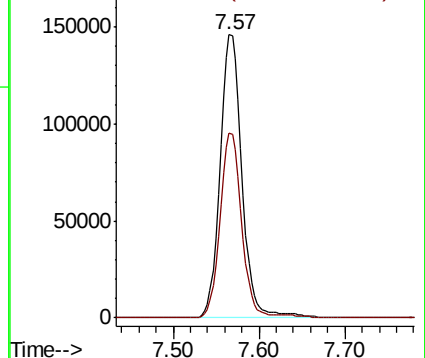
98 100

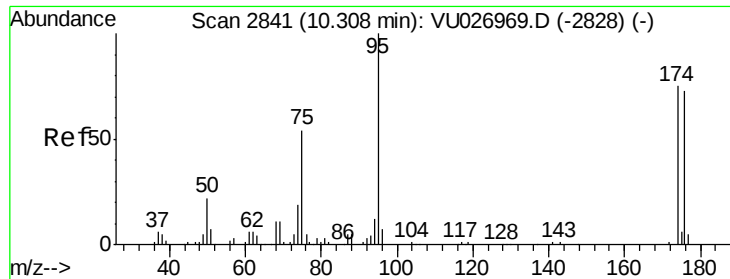
100 63.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 46.740 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027268.D

Acq: 28 Sep 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

FA18-E5JEB5-ER1

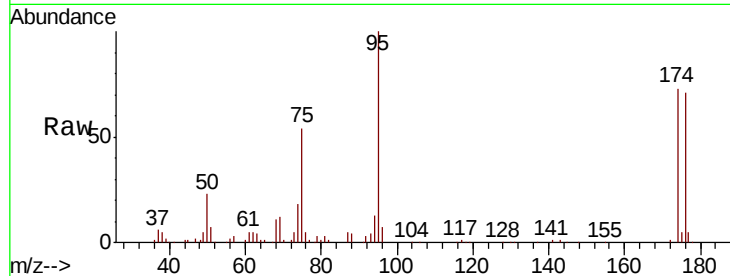
Tot Ion: 95 Resp: 87389

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

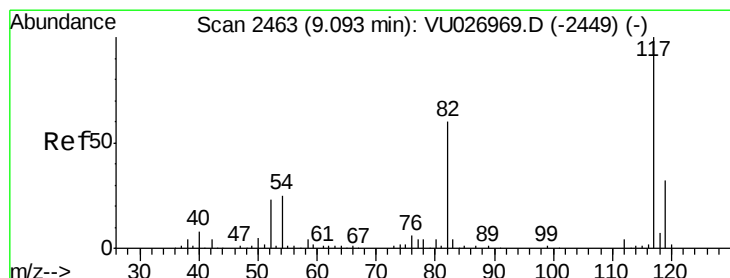
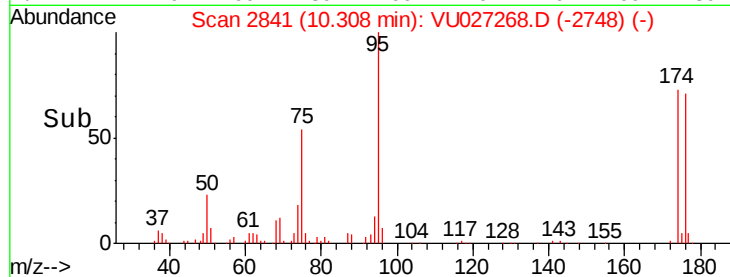
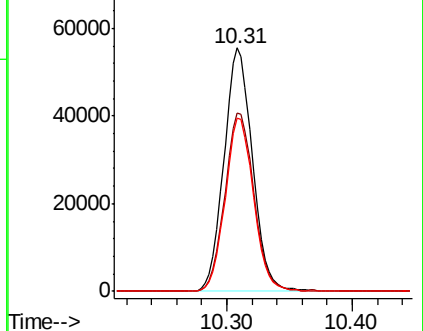
176 71.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027268.D

Acq: 28 Sep 2018 13:55

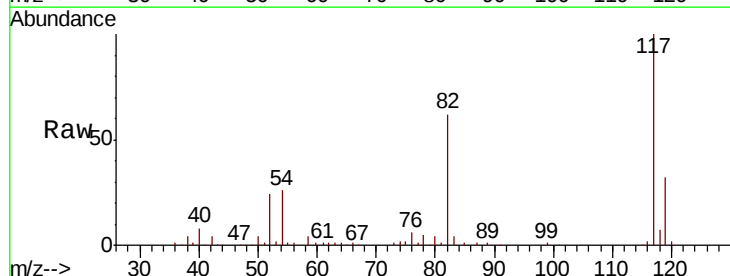
Tgt Ion: 117 Resp: 157784

Ion Ratio Lower Upper

117 100

82 61.6 48.0 72.0

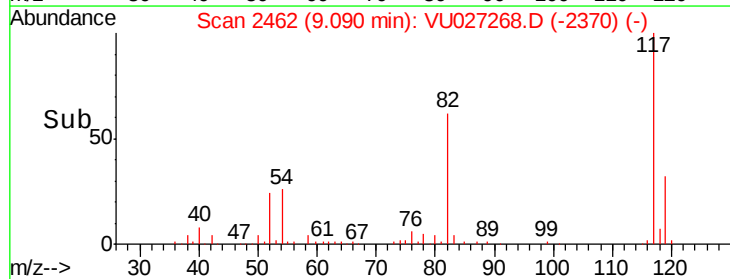
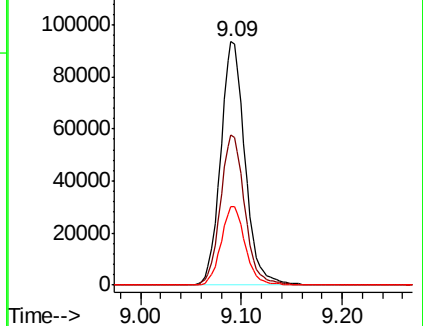
119 32.0 25.8 38.8

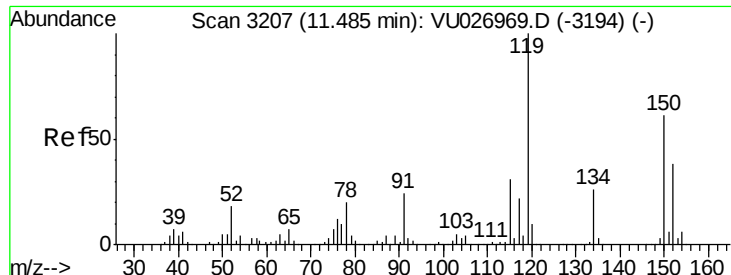


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027268.D
 Acq: 28 Sep 2018 13:55

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-E5JEB5-ER1

Tot Ion:152 Resp: 79351
 Ion Ratio Lower Upper
 152 100
 115 60.4 44.9 134.5
 150 155.2 0.0 355.8

