

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028027.D
 Acq On : 08 Nov 2018 15:37
 Operator : MD/SY
 Sample : J5768-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-110718-A

Quant Time: Nov 08 16:10:17 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

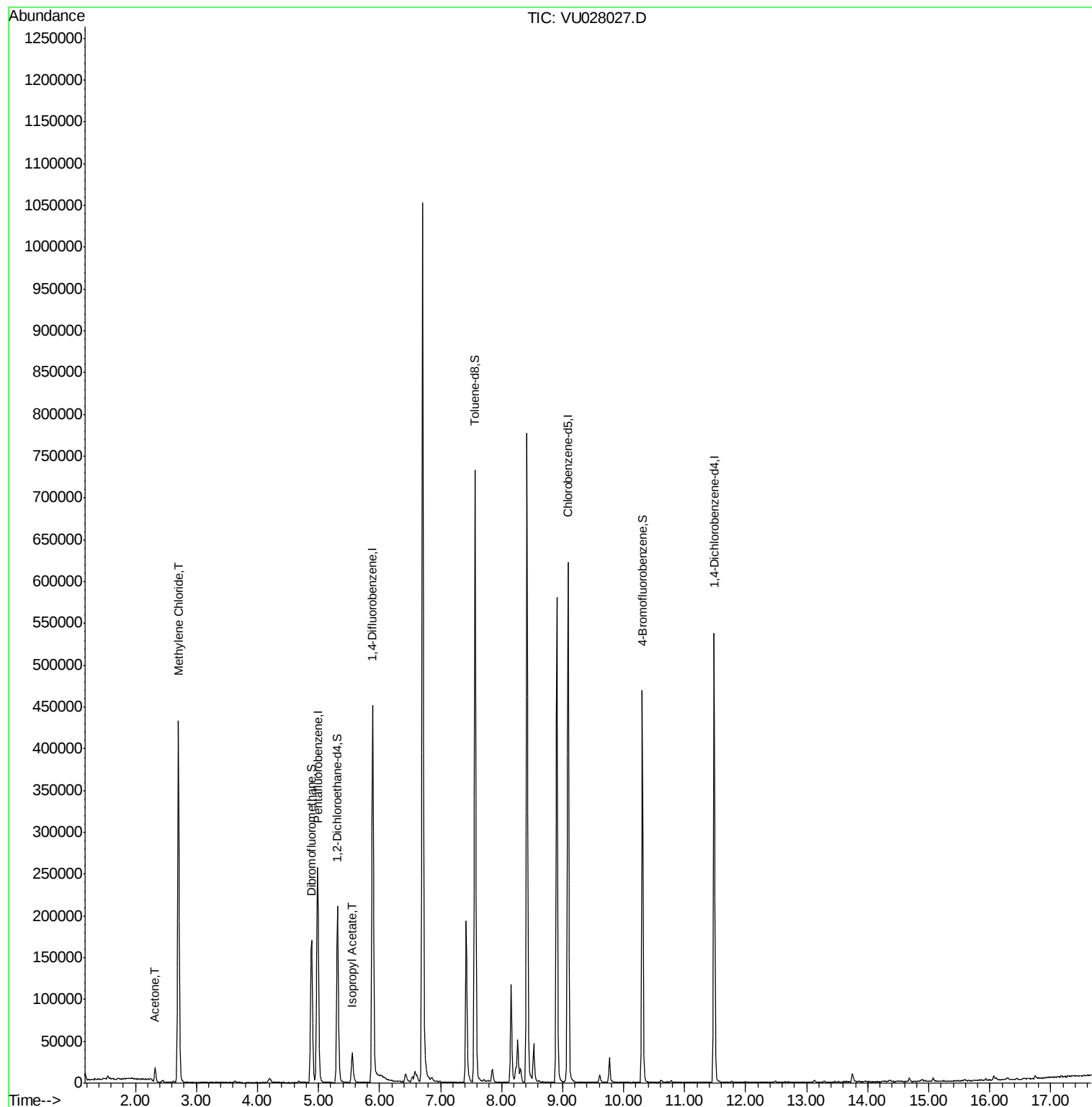
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	360202	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	323070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	130262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	161134	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	4.89	113	116989	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
50) Toluene-d8	7.57	98	478987	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	10.31	95	150464	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
16) Acetone	2.32	43	17701	10.127	ug/l	91
20) Methylene Chloride	2.70	84	180940	70.900	ug/l	99
43) Isopropyl Acetate	5.55	43	44611	5.151	ug/l	99

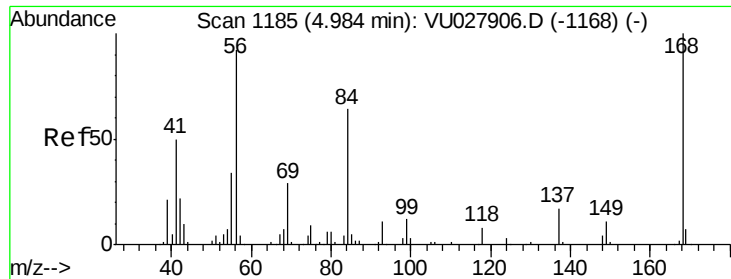
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028027.D

Acq: 08 Nov 2018 15:37

Instrument :

MSVOA_U

ClientSampleId :

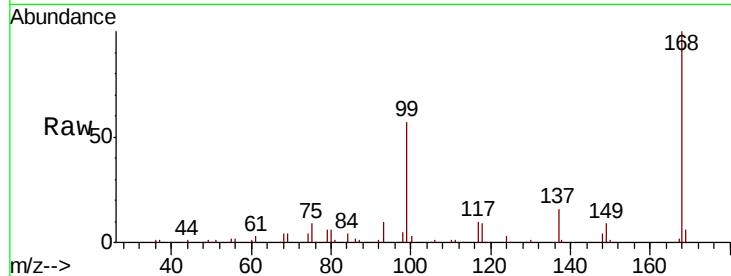
OK-02-110718-A

Tot Ion:168 Resp: 189486

Ion Ratio Lower Upper

168 100

99 57.5 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

80000

60000

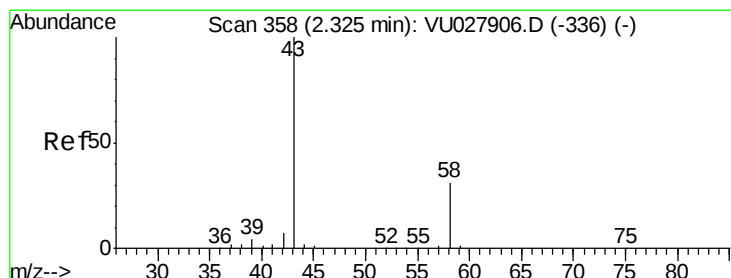
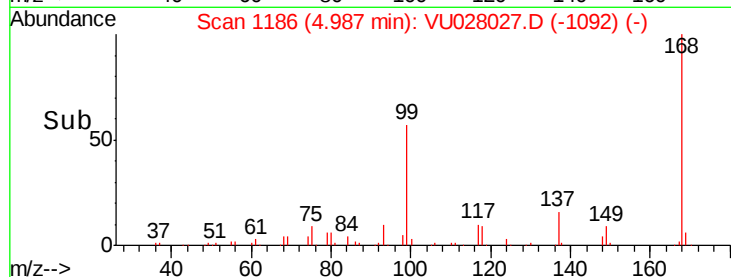
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 10.127 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028027.D

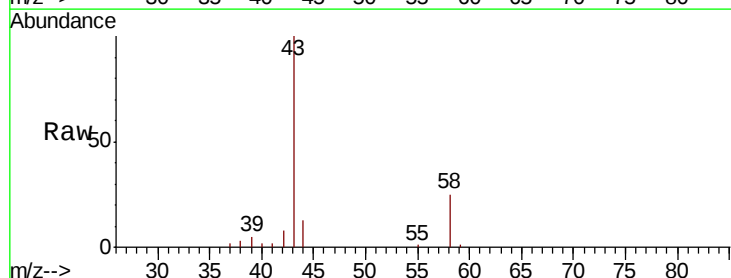
Acq: 08 Nov 2018 15:37

Tgt Ion: 43 Resp: 17701

Ion Ratio Lower Upper

43 100

58 25.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)

2.32

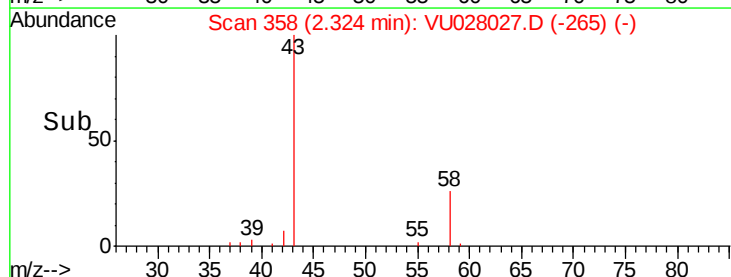
10000

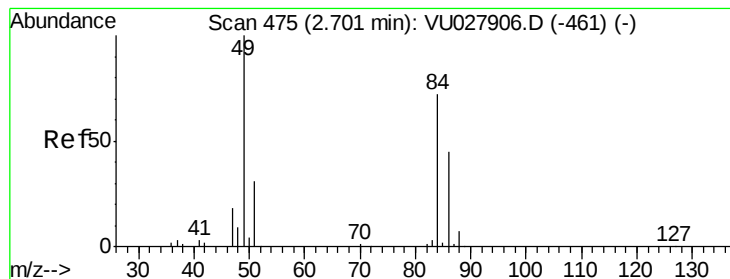
5000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 70.900 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU028027.D

Acq: 08 Nov 2018 15:37

Instrument :

MSVOA_U

ClientSampleId :

OK-02-110718-A

Tot Ion: 84 Resp: 180940

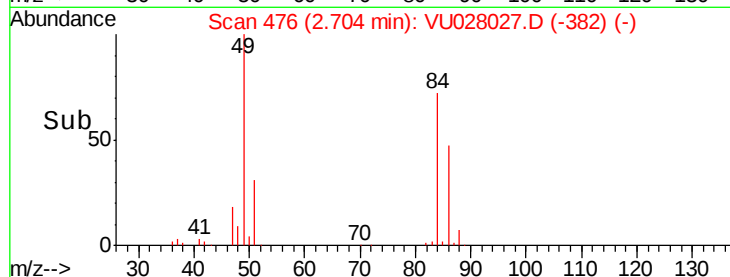
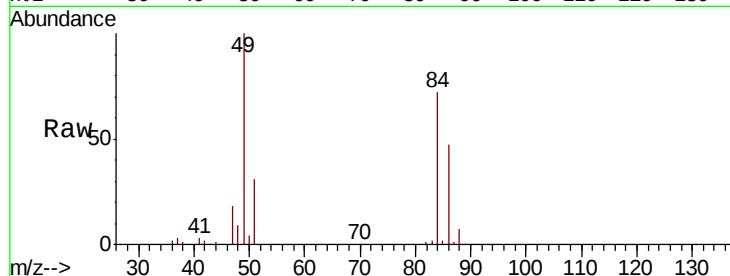
Ion Ratio Lower Upper

84 100

49 139.2 111.6 167.4

51 43.8 34.8 52.2

86 64.8 50.1 75.1

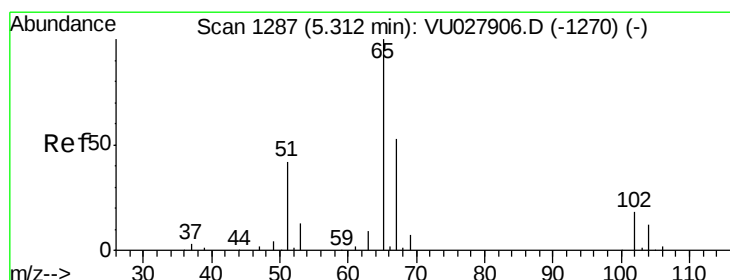
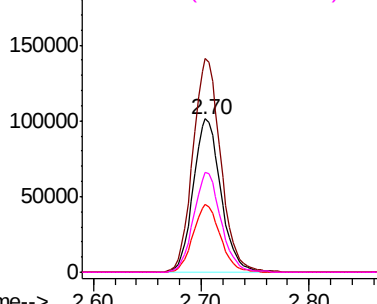


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 57.197 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU028027.D

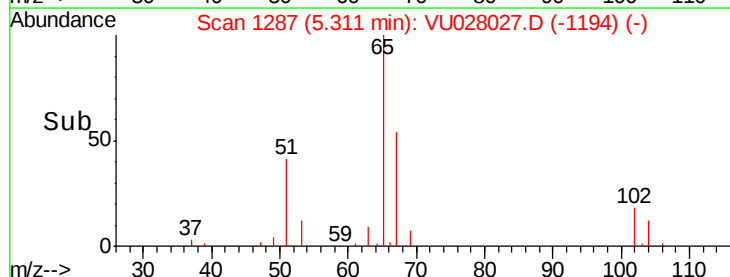
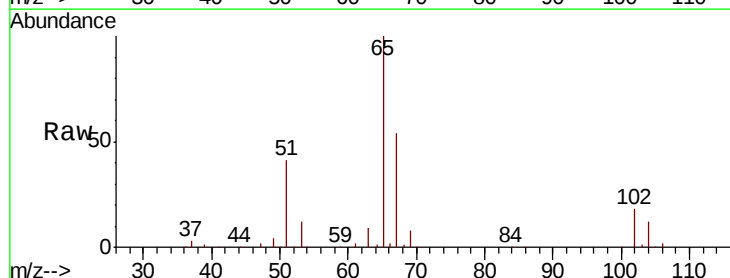
Acq: 08 Nov 2018 15:37

Tgt Ion: 65 Resp: 161134

Ion Ratio Lower Upper

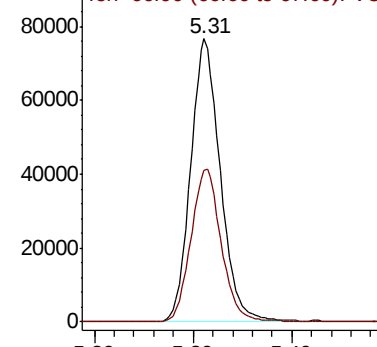
65 100

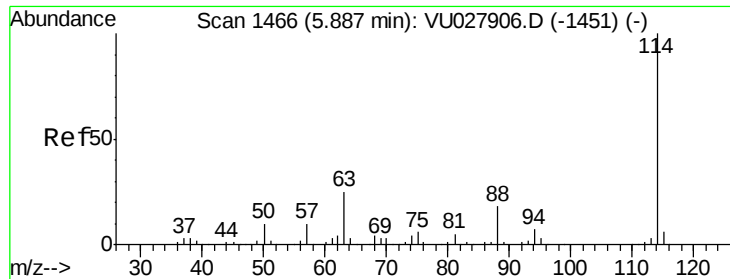
67 55.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

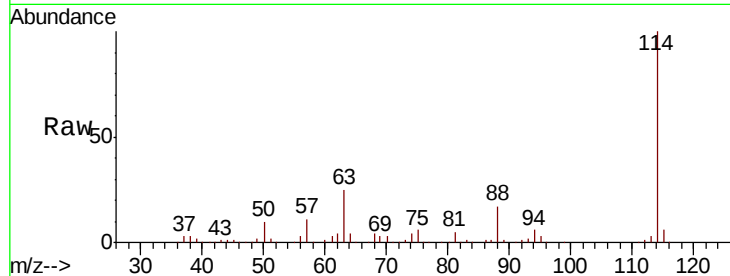




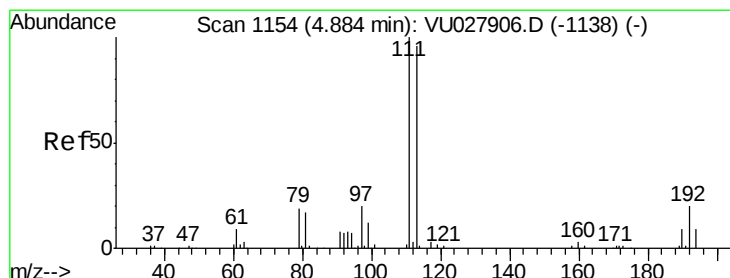
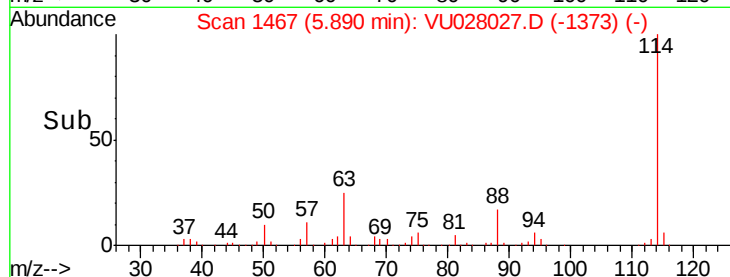
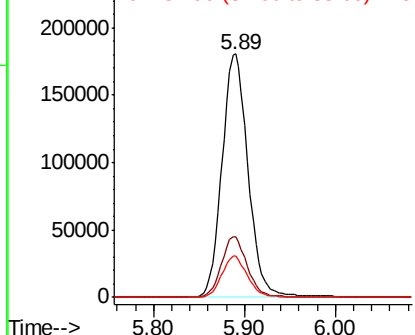
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028027.D
 Acq: 08 Nov 2018 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-110718-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	50.8
88	16.8	0.0	35.8

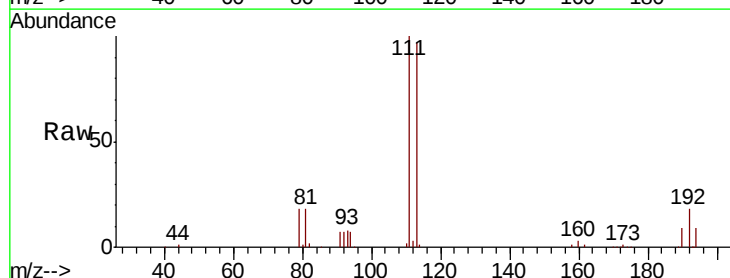


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

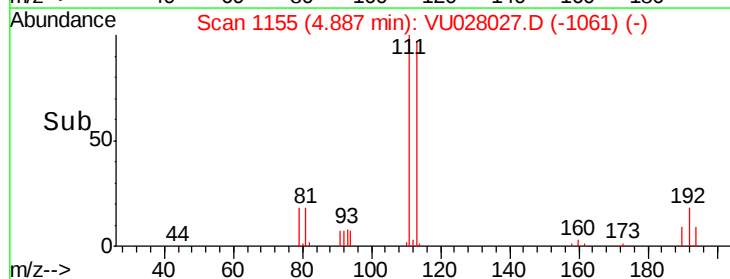
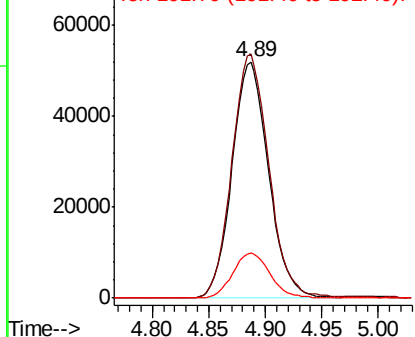


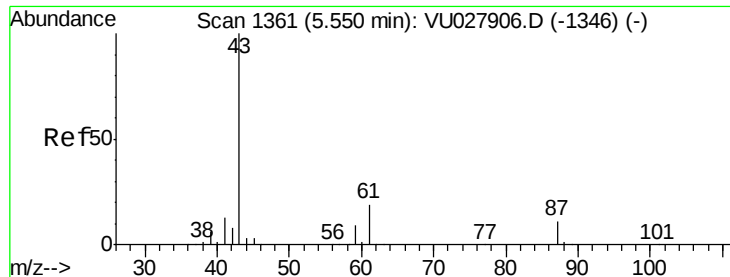
#35
 Dibromofluoromethane
 Concen: 51.511 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028027.D
 Acq: 08 Nov 2018 15:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.0	124.6
192	19.4	15.6	23.4



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





#43

Isopropyl Acetate

Concen: 5.151 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028027.D

Acq: 08 Nov 2018 15:37

Instrument :

MSVOA_U

ClientSampleId :

OK-02-110718-A

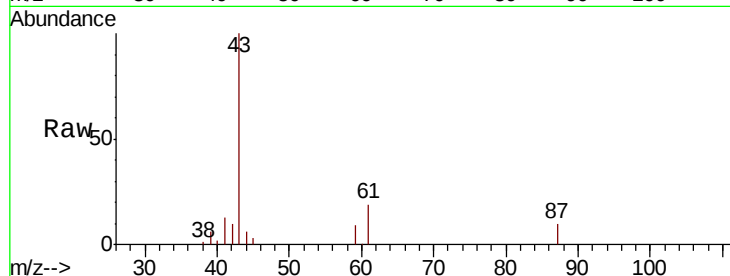
Tot Ion: 43 Resp: 44611

Ion Ratio Lower Upper

43 100

61 19.1 15.0 22.4

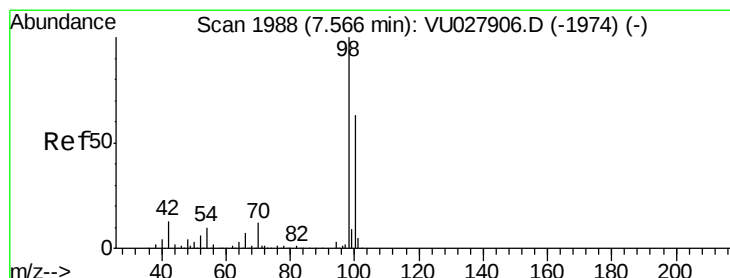
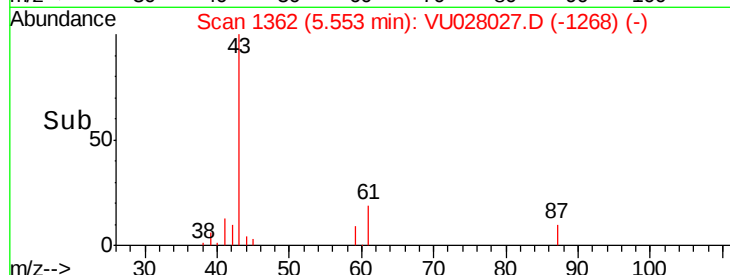
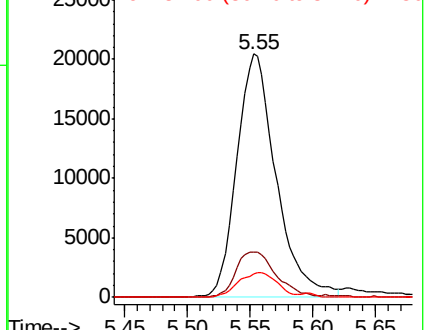
87 10.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



#50

Toluene-d8

Concen: 54.597 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028027.D

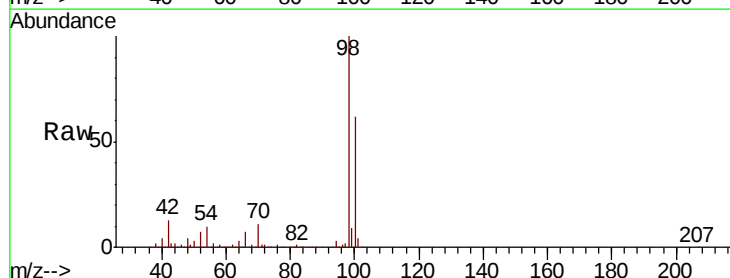
Acq: 08 Nov 2018 15:37

Tgt Ion: 98 Resp: 478987

Ion Ratio Lower Upper

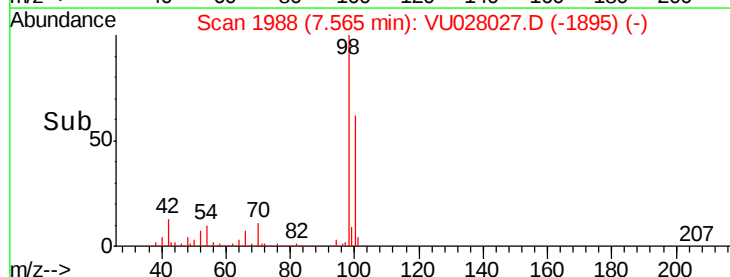
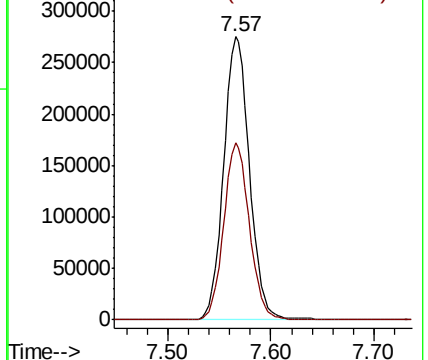
98 100

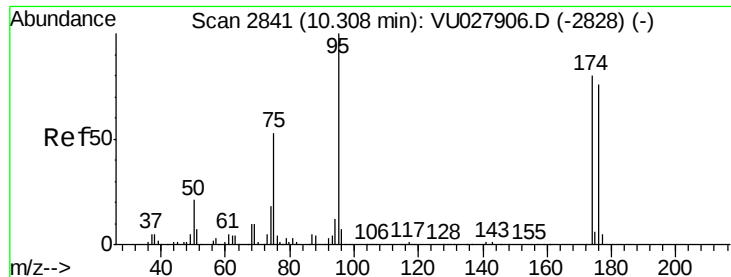
100 62.3 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)





#62

4-Bromofluorobenzene

Concen: 46.498 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028027.D

Acq: 08 Nov 2018 15:37

Instrument :

MSVOA_U

ClientSampleId :

OK-02-110718-A

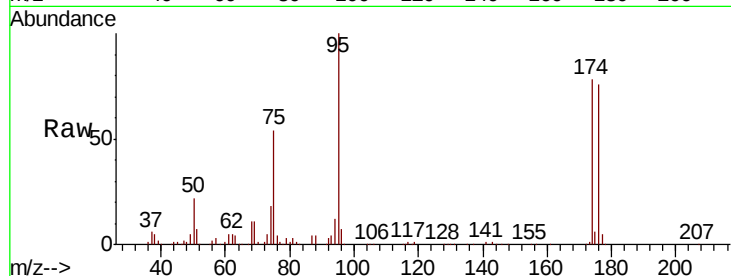
Tot Ion: 95 Resp: 150464

Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.4

176 75.9 0.0 150.8

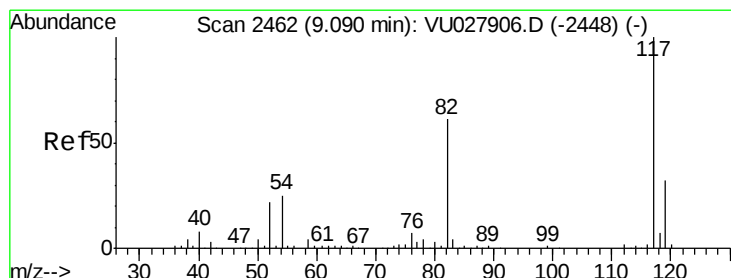
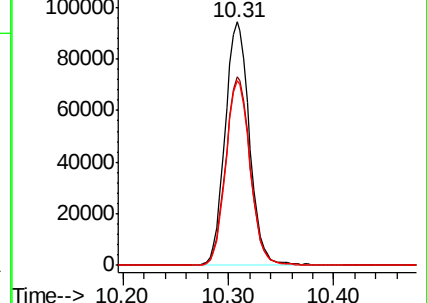
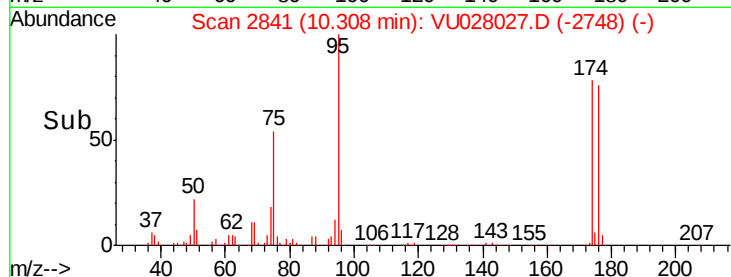


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

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

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

10.31



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028027.D

Acq: 08 Nov 2018 15:37

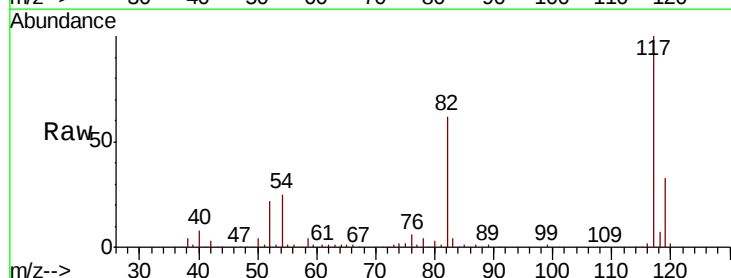
Tgt Ion: 117 Resp: 323070

Ion Ratio Lower Upper

117 100

82 61.9 48.6 73.0

119 32.5 25.8 38.8

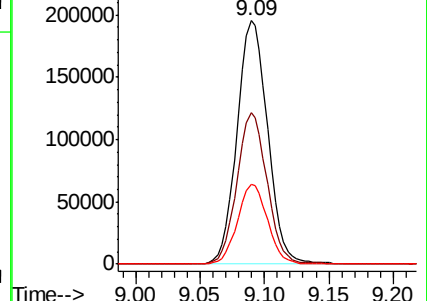
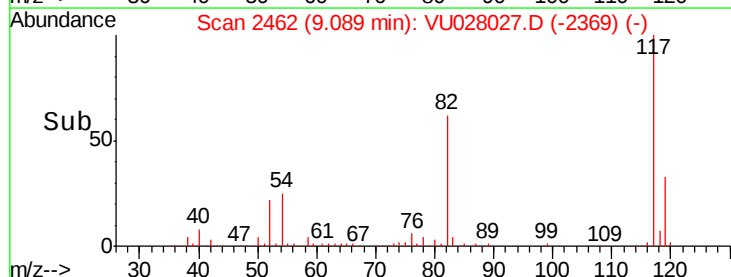


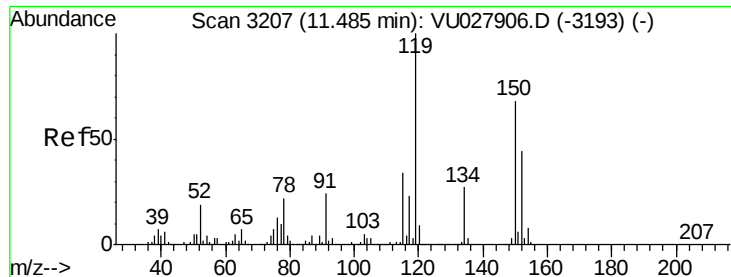
Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

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

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

9.09





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028027.D

Acq: 08 Nov 2018 15:37

Instrument :

MSVOA_U

ClientSampleId :

OK-02-110718-A

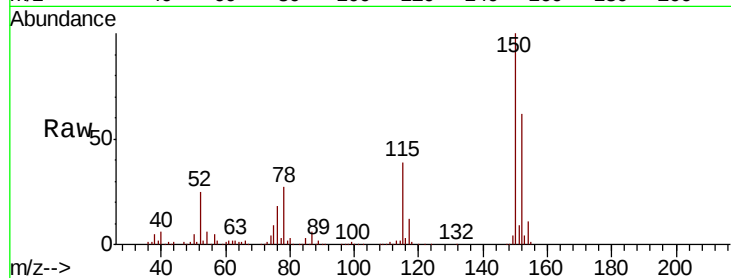
Tot Ion:152 Resp: 130262

Ion Ratio Lower Upper

152 100

115 61.4 43.0 129.0

150 158.8 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

