

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028017.D
 Acq On : 08 Nov 2018 11:46
 Operator : MD/SY
 Sample : PB114610ZHE#01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#01

Quant Time: Nov 08 12:08:05 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

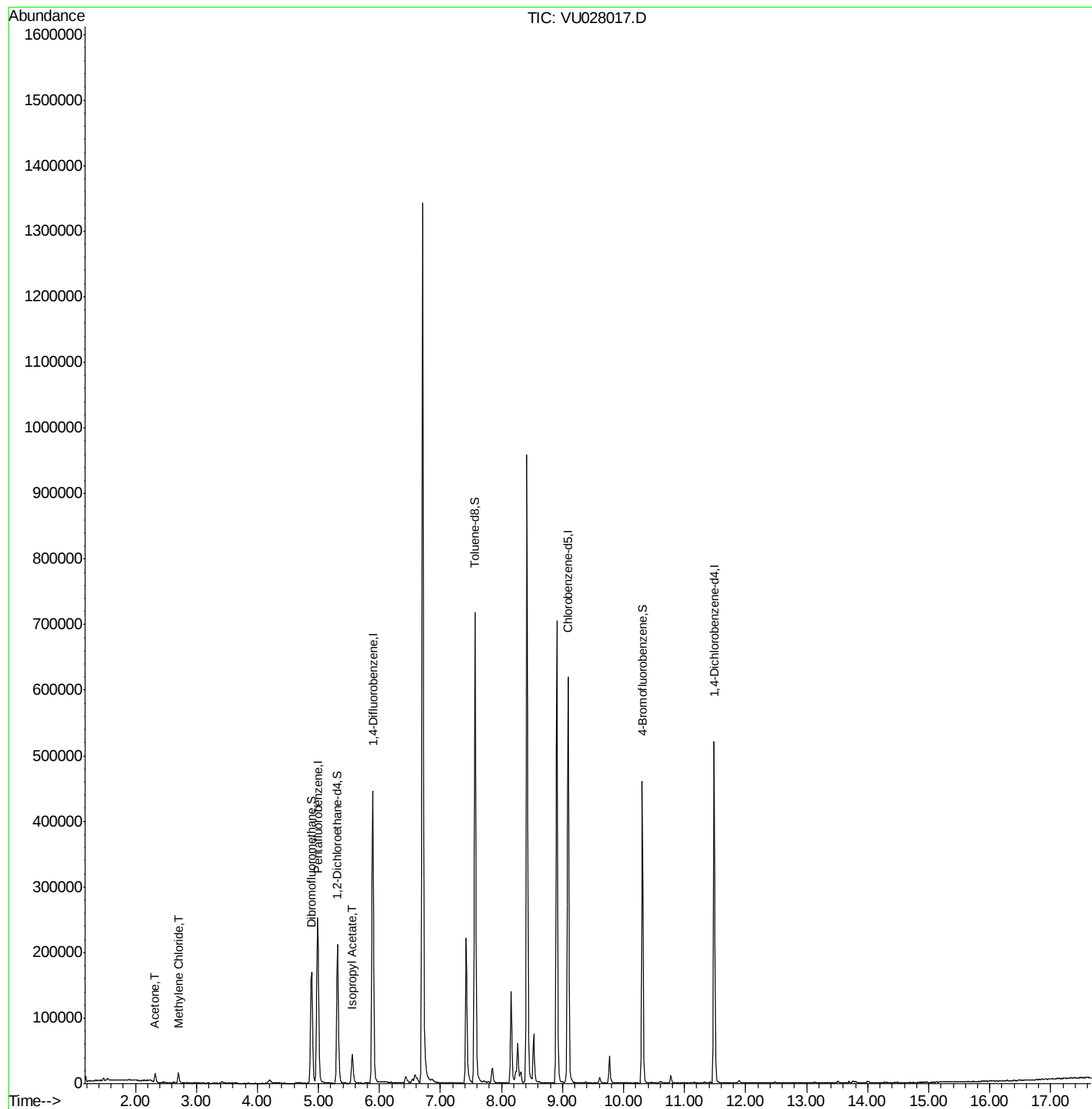
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	365083	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	327839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	127895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	163675	58.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.24%	
35) Dibromofluoromethane	4.89	113	118850	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
50) Toluene-d8	7.57	98	474592	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
62) 4-Bromofluorobenzene	10.31	95	152222	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
16) Acetone	2.32	43	14290	8.178	ug/l	93
20) Methylene Chloride	2.71	84	6420	2.516	ug/l	94
43) Isopropyl Acetate	5.55	43	54788	6.242	ug/l	99

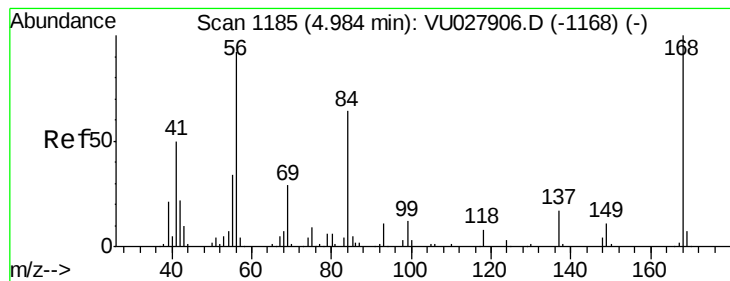
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028017.D

Acq: 08 Nov 2018 11:46

Instrument :

MSVOA_U

ClientSampleId :

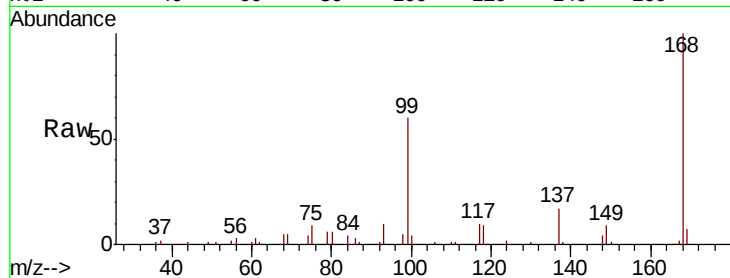
PB114610ZHE#01

Tot Ion:168 Resp: 189431

Ion Ratio Lower Upper

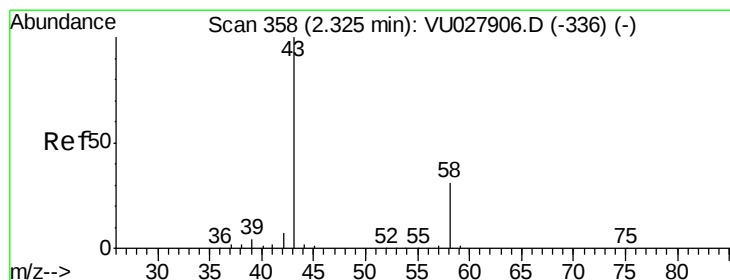
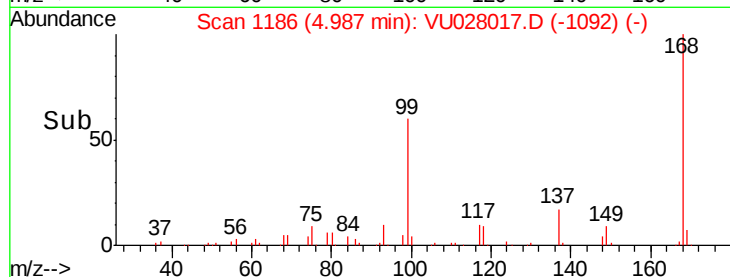
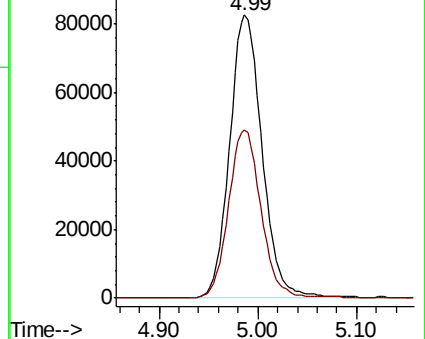
168 100

99 59.5 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU028017.D (-1092) (-)



#16

Acetone

Concen: 8.178 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028017.D

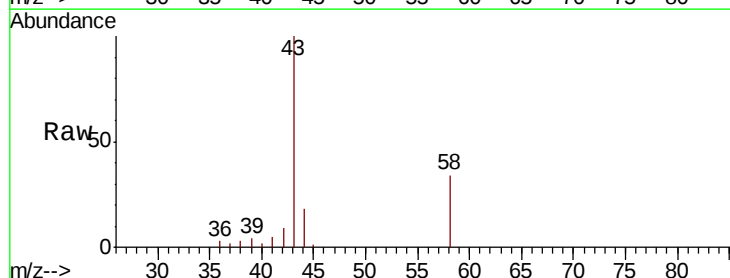
Acq: 08 Nov 2018 11:46

Tgt Ion: 43 Resp: 14290

Ion Ratio Lower Upper

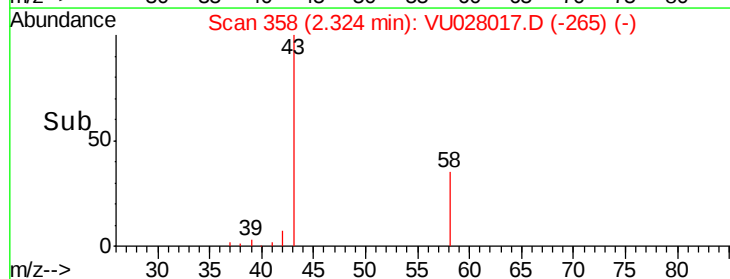
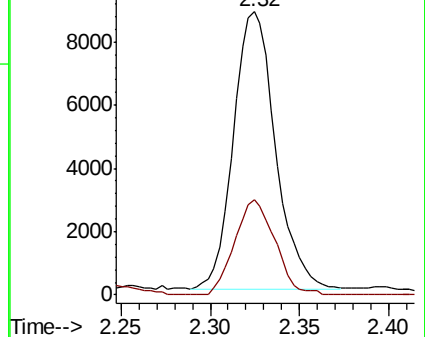
43 100

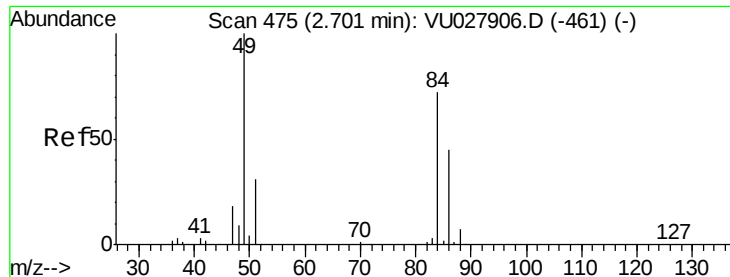
58 34.5 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU028017.D (-265) (-)

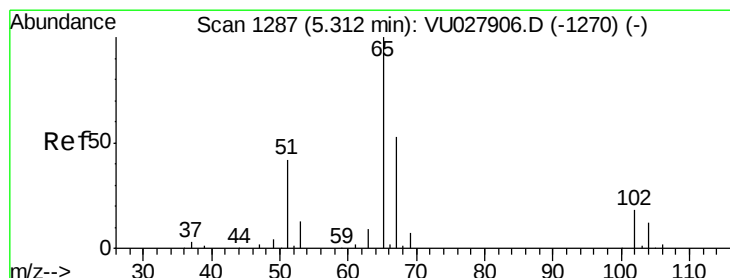
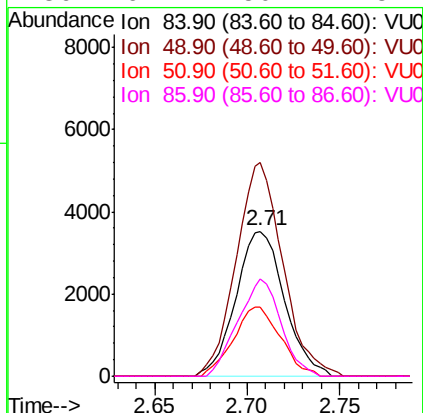
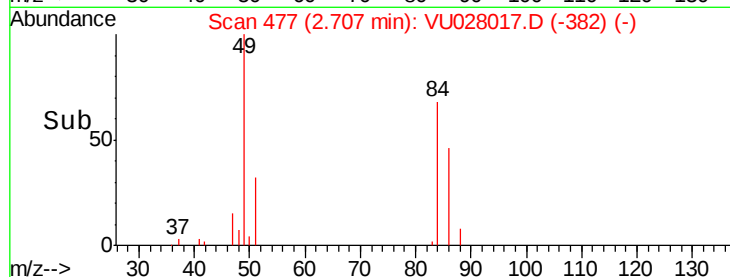
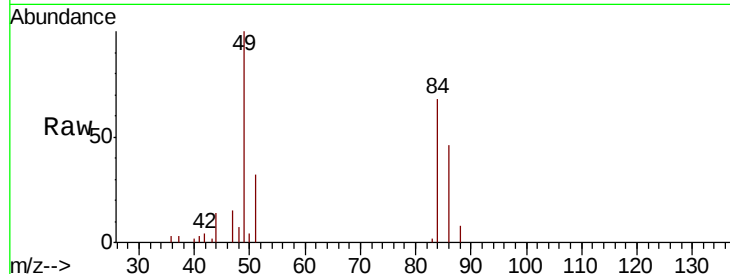




#20
Methylene Chloride
Concen: 2.516 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU028017.D
Acq: 08 Nov 2018 11:46

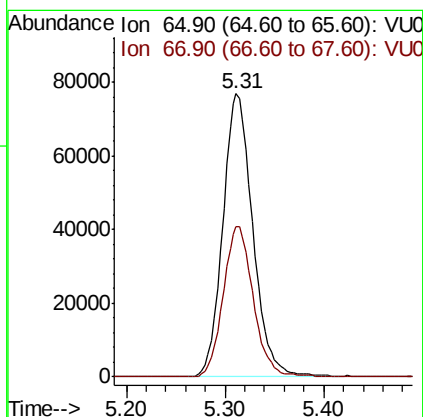
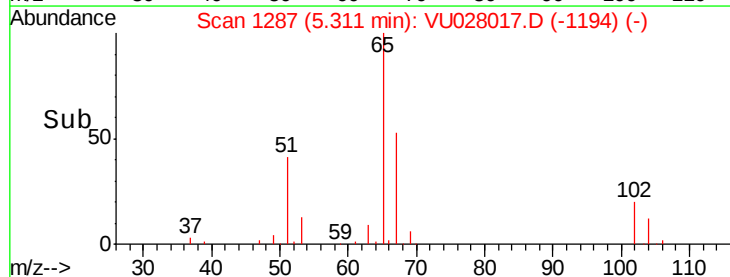
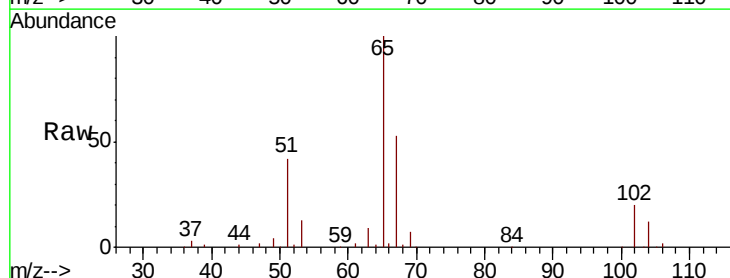
Instrument :
MSVOA_U
ClientSampleId :
PB114610ZHE#01

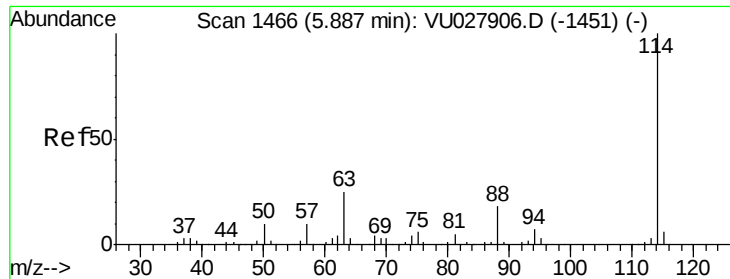
Tot Ion: 84 Resp: 6420
Ion Ratio Lower Upper
84 100
49 147.5 111.6 167.4
51 47.3 34.8 52.2
86 67.1 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 58.116 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028017.D
Acq: 08 Nov 2018 11:46

Tgt Ion: 65 Resp: 163675
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0

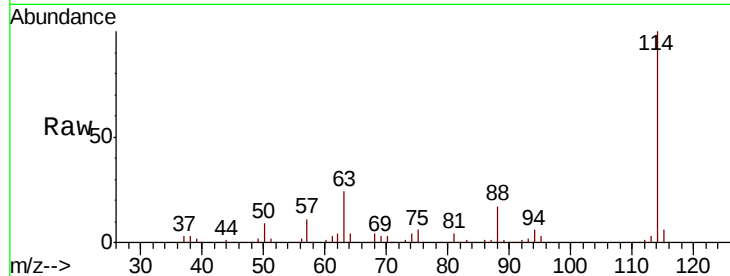




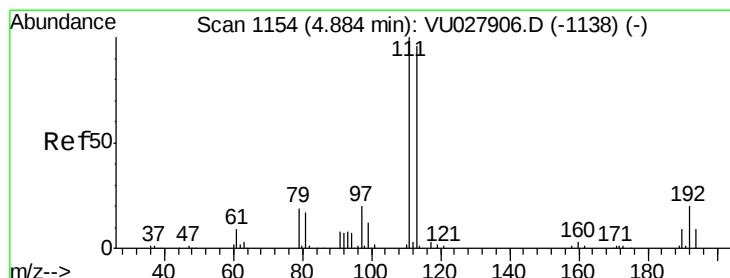
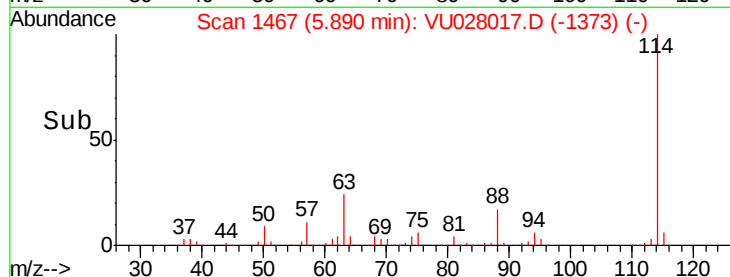
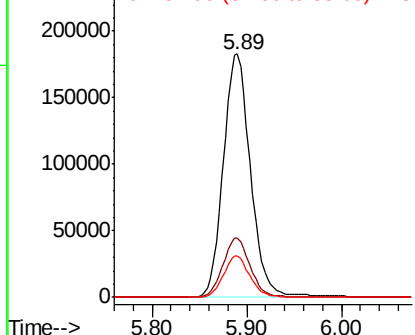
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028017.D
 Acq: 08 Nov 2018 11:46

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#01

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	50.8
88	17.1	0.0	35.8

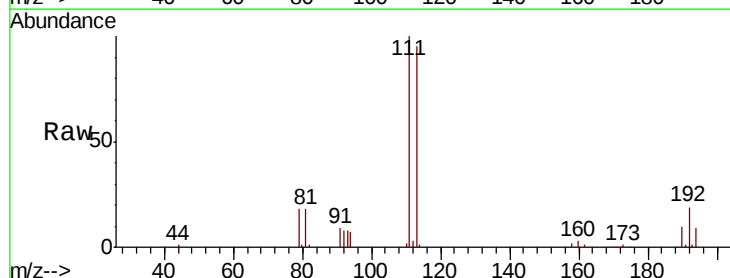


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

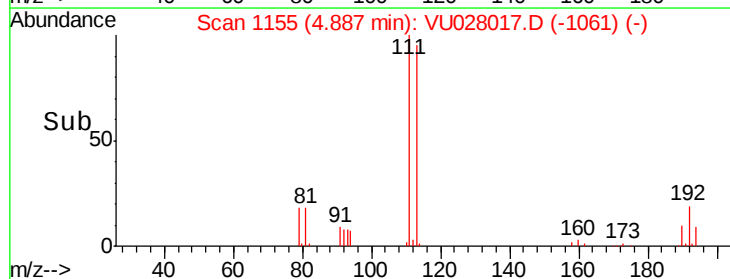
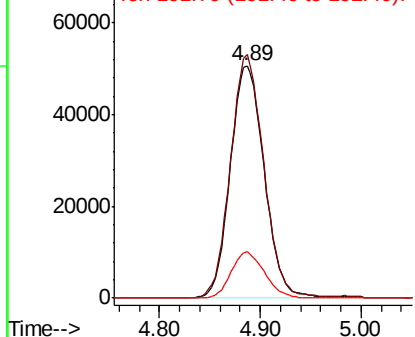


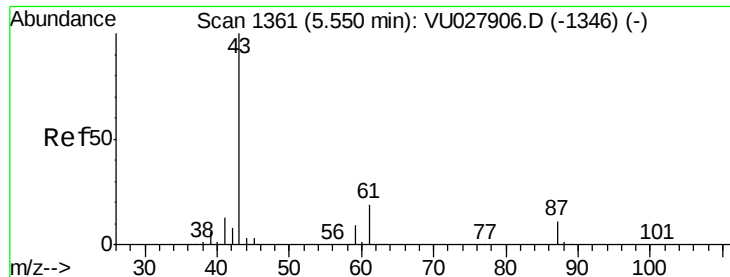
#35
 Dibromofluoromethane
 Concen: 51.631 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028017.D
 Acq: 08 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	19.3	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: 6.242 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028017.D

Acq: 08 Nov 2018 11:46

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#01

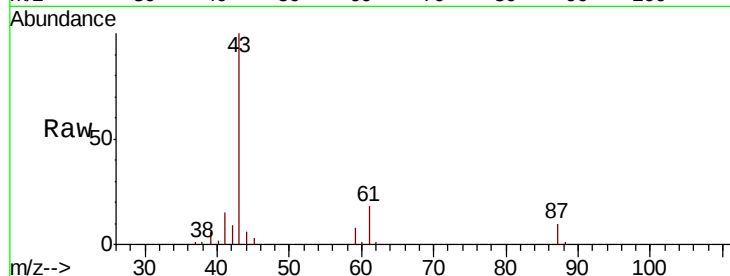
Tot Ion: 43 Resp: 54788

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

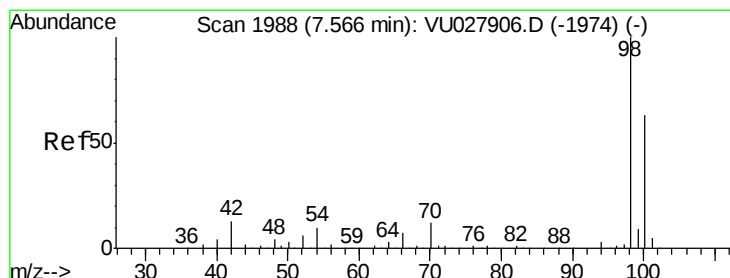
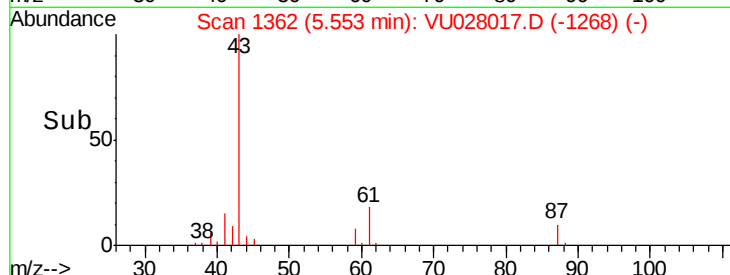
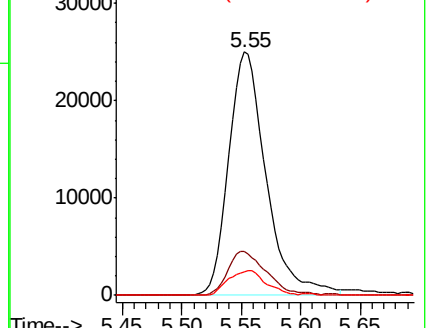
87 10.2 8.6 12.8



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: 53.373 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028017.D

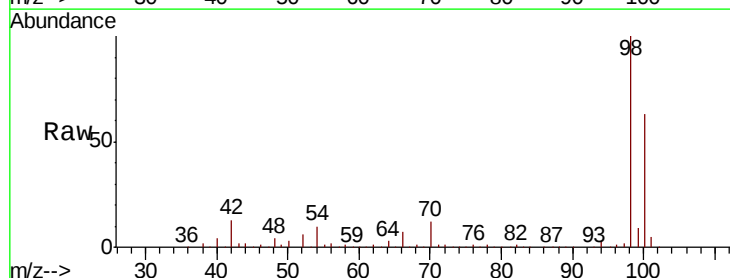
Acq: 08 Nov 2018 11:46

Tgt Ion: 98 Resp: 474592

Ion Ratio Lower Upper

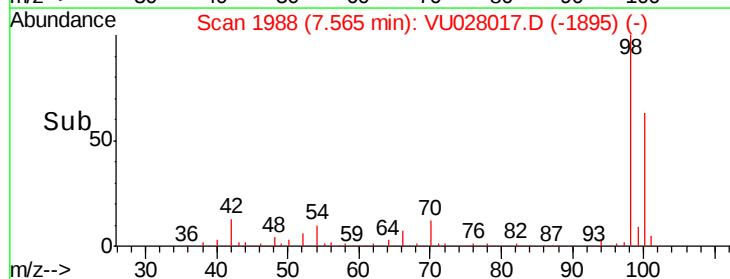
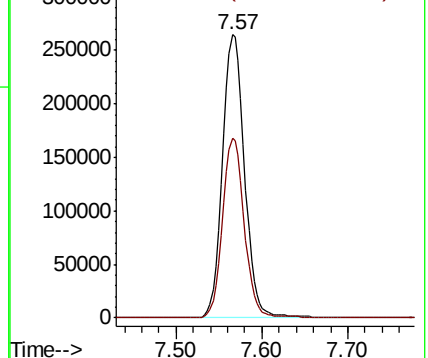
98 100

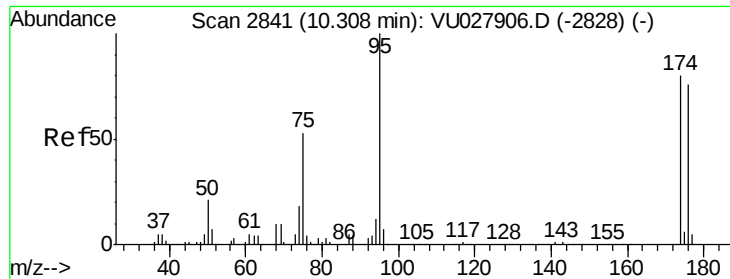
100 62.1 50.1 75.1



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

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

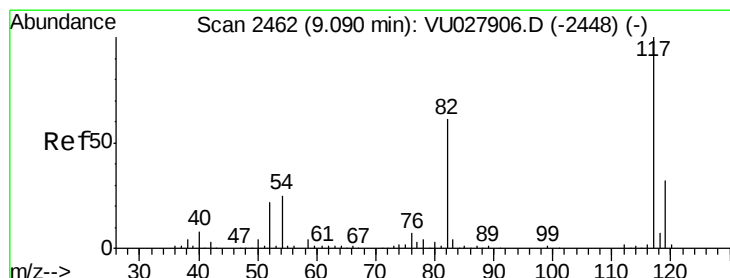
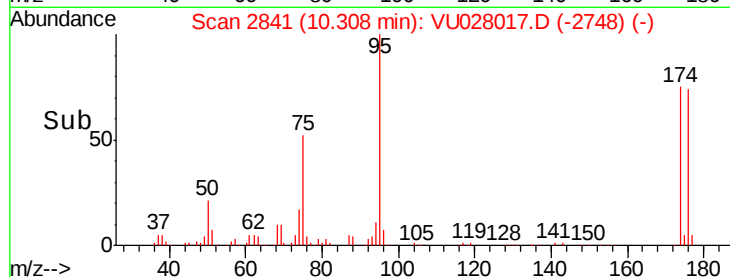
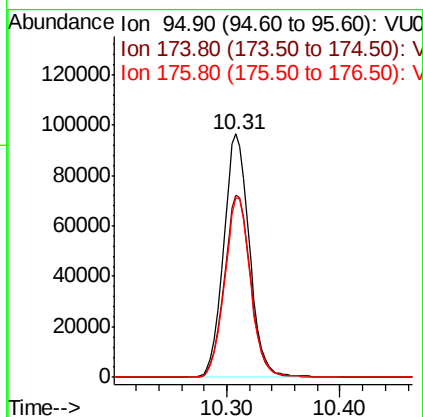
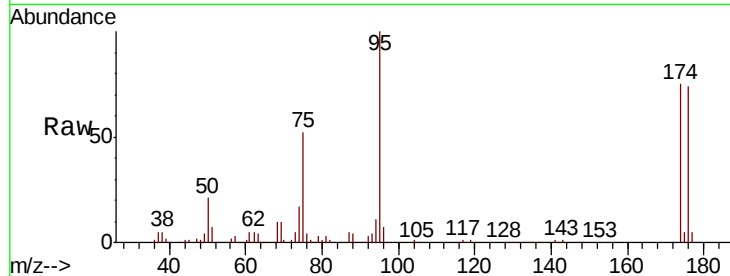




#62
 4-Bromofluorobenzene
 Concen: 46.412 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU028017.D
 Acq: 08 Nov 2018 11:46

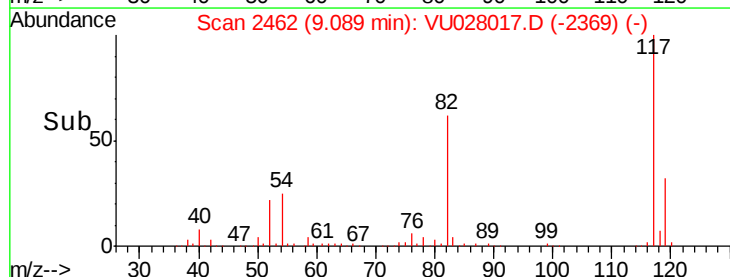
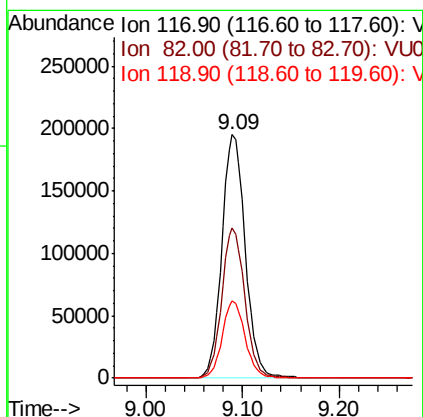
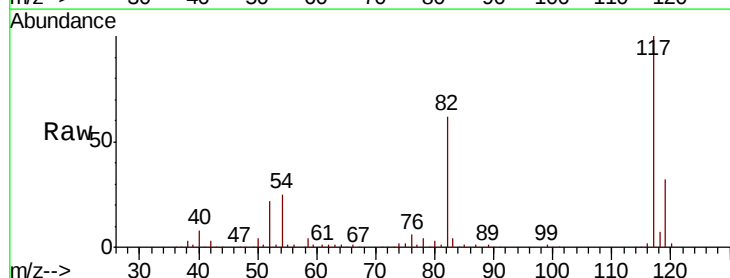
Instrument :
 MSVOA_U
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 PB114610ZHE#01

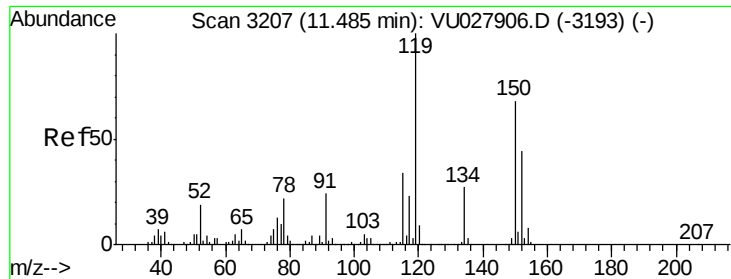
Tot Ion: 95 Resp: 152222
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 156.4
 176 74.1 0.0 150.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028017.D
 Acq: 08 Nov 2018 11:46

Tgt Ion: 117 Resp: 327839
 Ion Ratio Lower Upper
 117 100
 82 61.9 48.6 73.0
 119 31.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028017.D

Acq: 08 Nov 2018 11:46

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#01

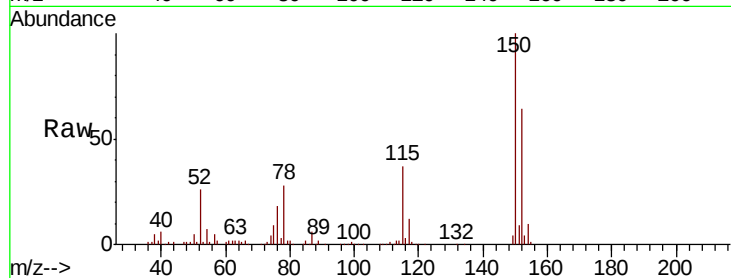
Tot Ion:152 Resp: 127895

Ion Ratio Lower Upper

152 100

115 60.8 43.0 129.0

150 157.9 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

150000

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

100000

50000

0

11.48

11.45

11.50

11.55

Time-->

