

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028437.D
 Acq On : 03 Dec 2018 13:36
 Operator : MD/SY
 Sample : PB115231ZHE#14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#14

Quant Time: Dec 04 07:21:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

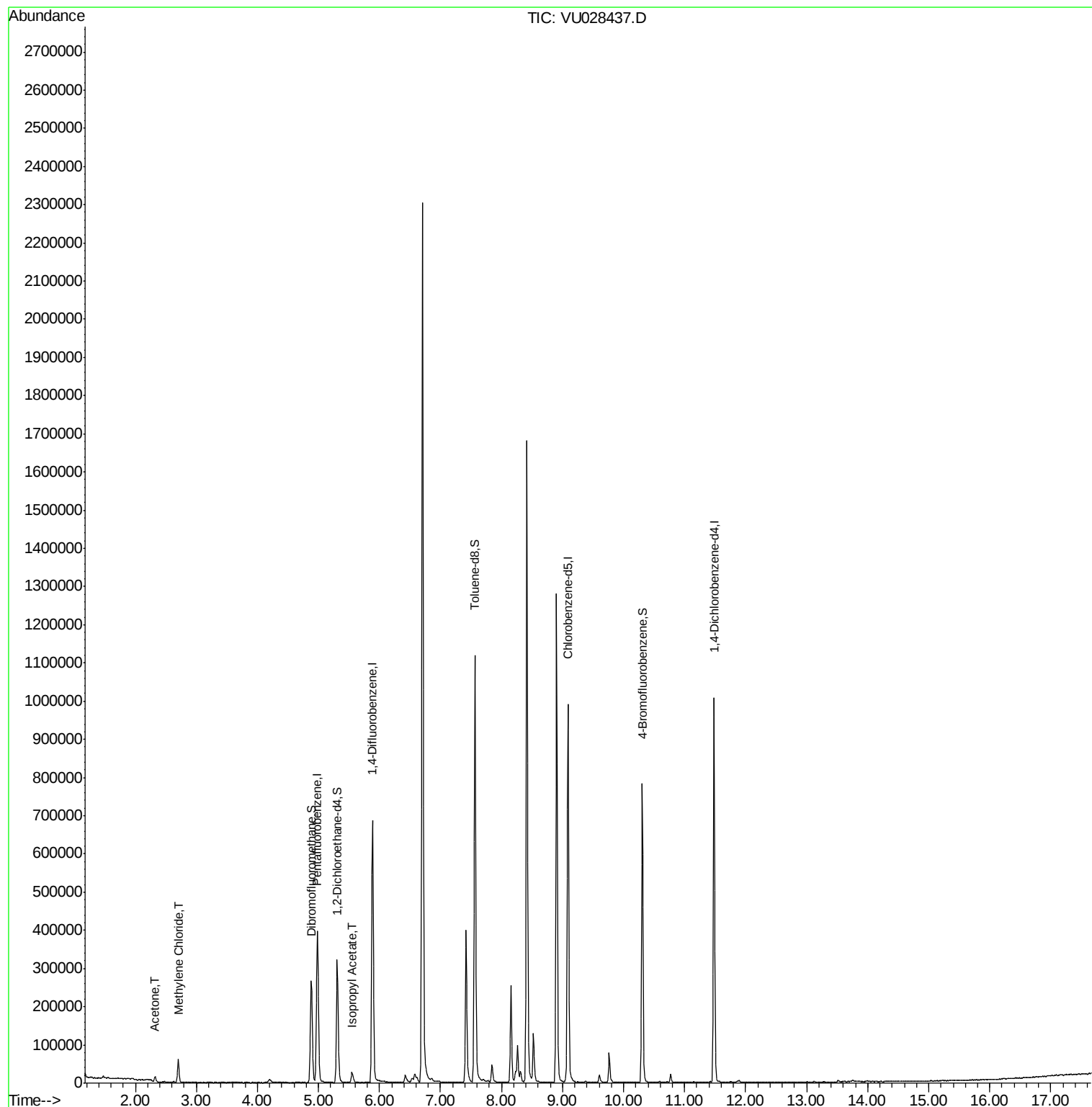
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	298132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	562536	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	525430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	247384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	246734	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	4.88	113	187821	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	7.57	98	737898	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	10.31	95	265436	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
16) Acetone	2.32	43	16123	5.290	ug/l	89
20) Methylene Chloride	2.70	84	25306	5.821	ug/l	93
43) Isopropyl Acetate	5.55	43	32869	2.473	ug/l #	92

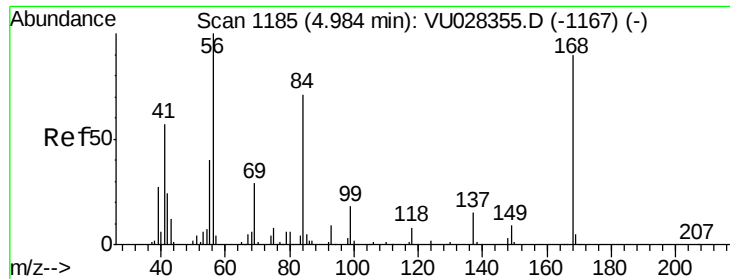
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028437.D

Acq: 03 Dec 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

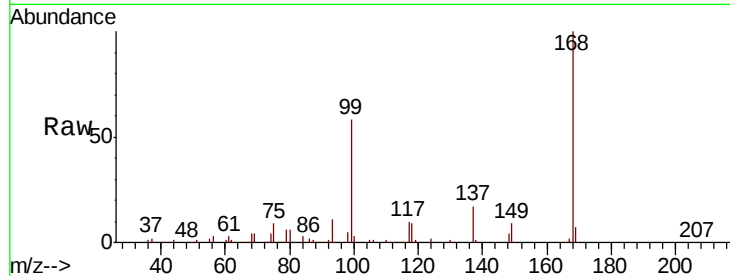
PB115231ZHE#14

Tot Ion:168 Resp: 298132

Ion Ratio Lower Upper

168 100

99 57.6 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D

Ion 98.90 (98.60 to 99.60): VU028355.D

4.98

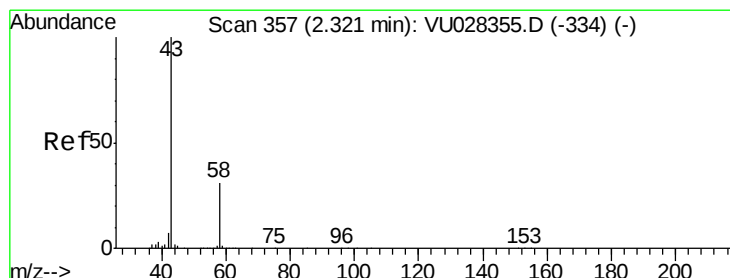
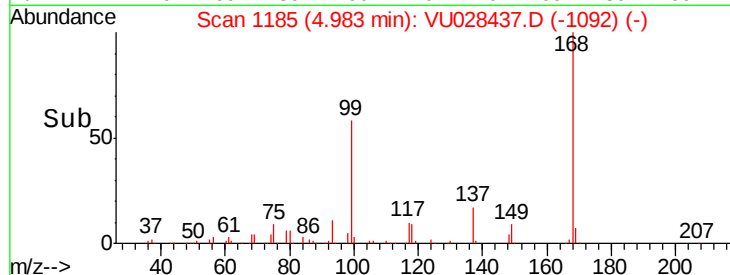
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.290 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028437.D

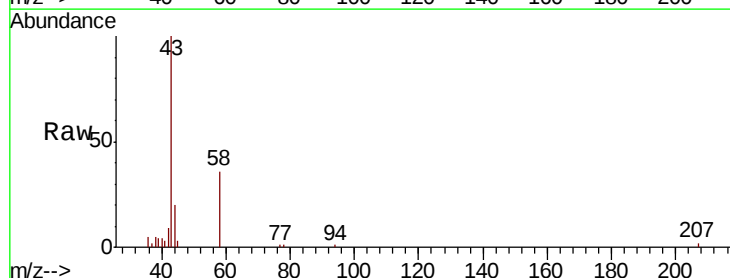
Acq: 03 Dec 2018 13:36

Tgt Ion: 43 Resp: 16123

Ion Ratio Lower Upper

43 100

58 36.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D

Ion 58.00 (57.70 to 58.70): VU028355.D

2.32

10000

8000

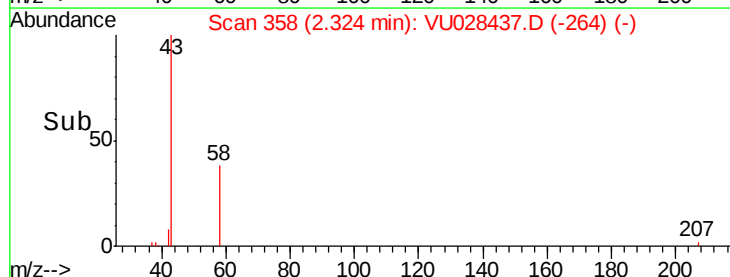
6000

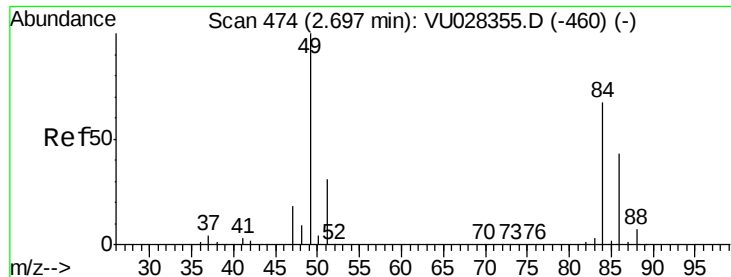
4000

2000

0

Time-->

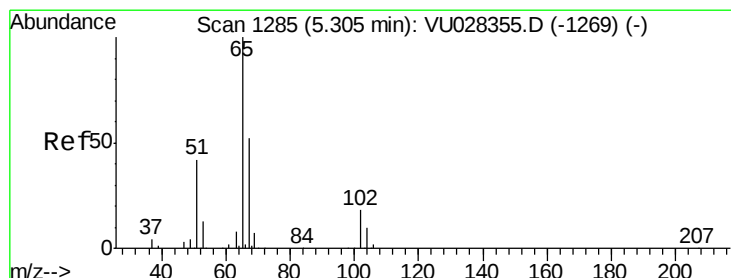
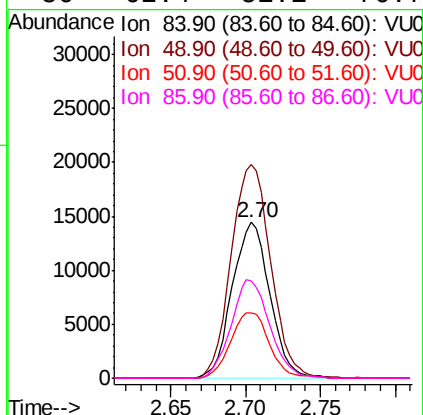
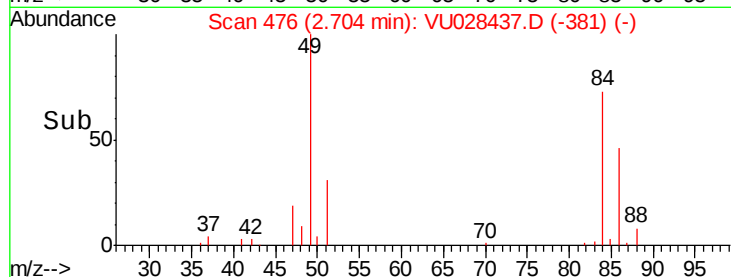
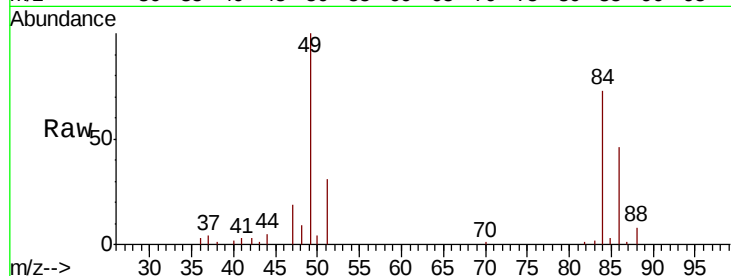




#20
Methylene Chloride
Concen: 5.821 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028437.D
Acq: 03 Dec 2018 13:36

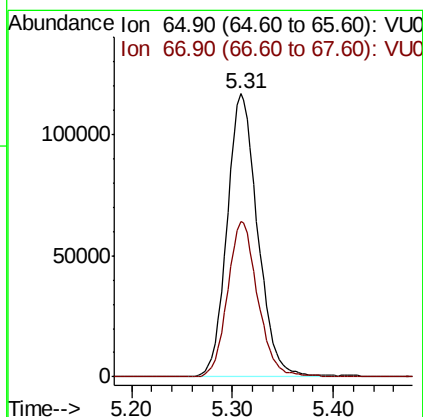
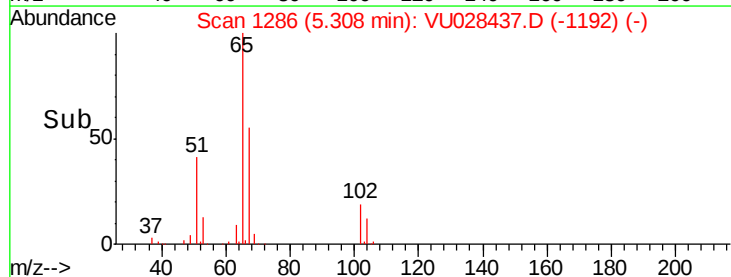
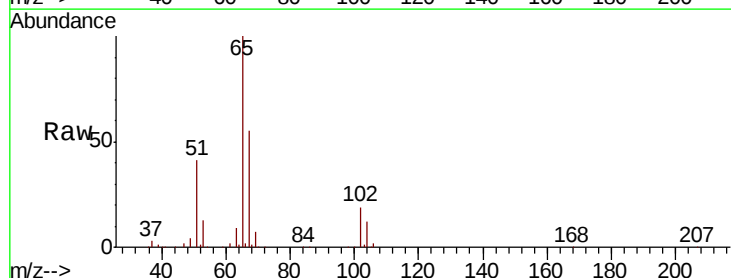
Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#14

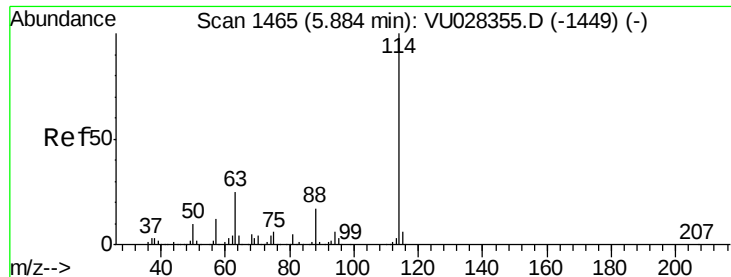
Tot Ion: 84 Resp: 25306
Ion Ratio Lower Upper
84 100
49 137.0 120.0 180.0
51 42.1 36.9 55.3
86 62.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.520 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028437.D
Acq: 03 Dec 2018 13:36

Tgt Ion: 65 Resp: 246734
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.8

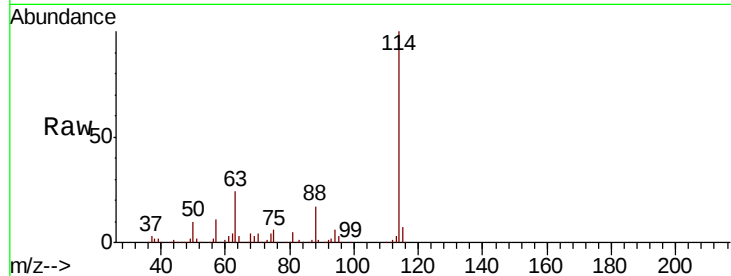




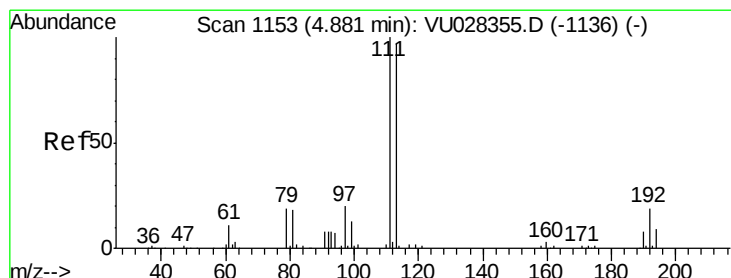
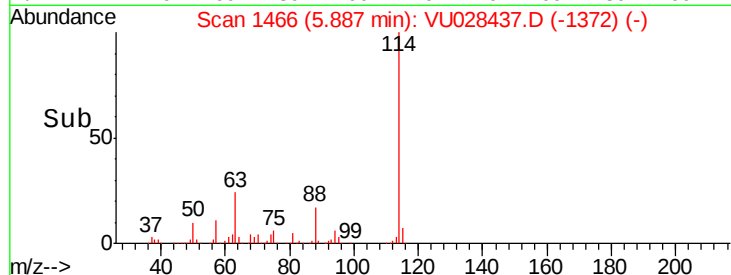
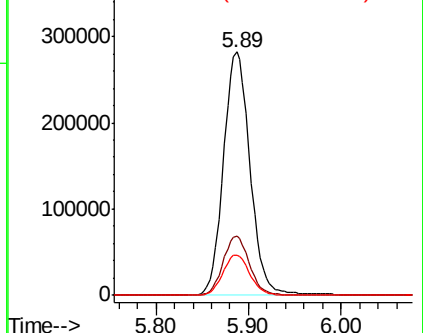
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028437.D
 Acq: 03 Dec 2018 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#14

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	50.0
88	16.6	0.0	34.4

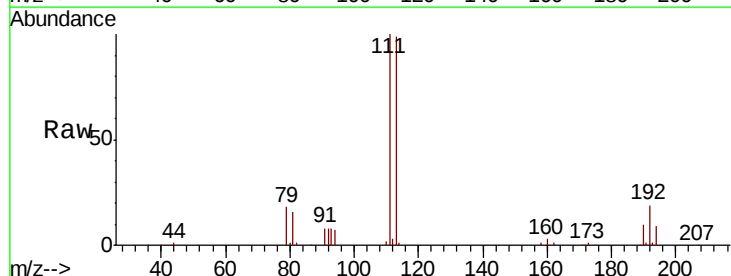


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

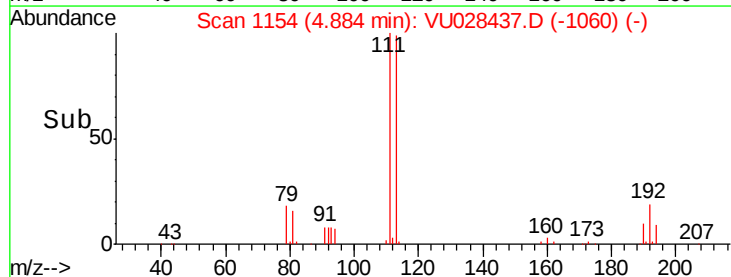
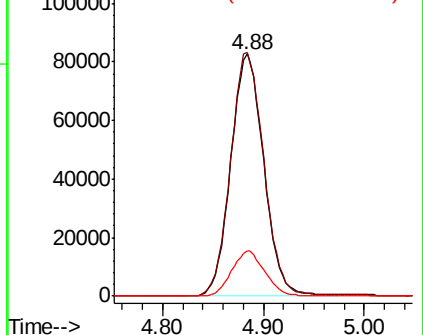


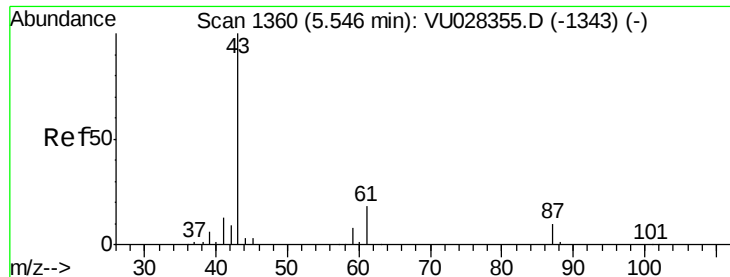
#35
 Dibromofluoromethane
 Concen: 50.211 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028437.D
 Acq: 03 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	18.8	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





#43

Isopropyl Acetate

Concen: 2.473 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028437.D

Acq: 03 Dec 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#14

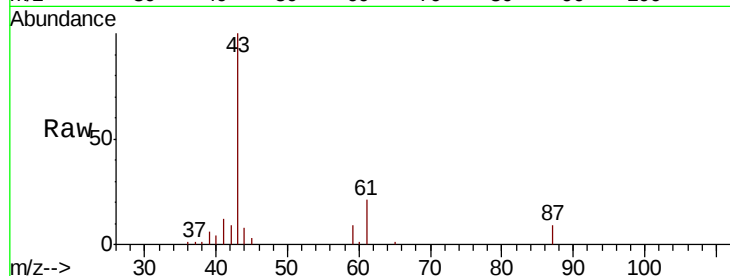
Tot Ion: 43 Resp: 32869

Ion Ratio Lower Upper

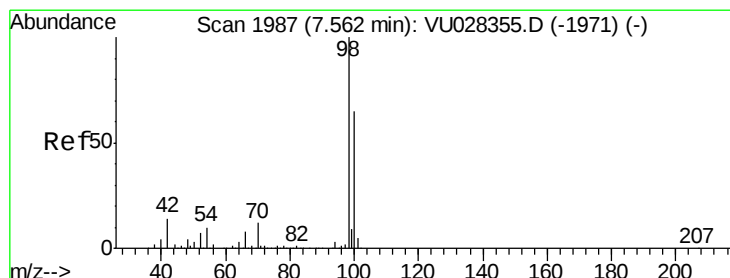
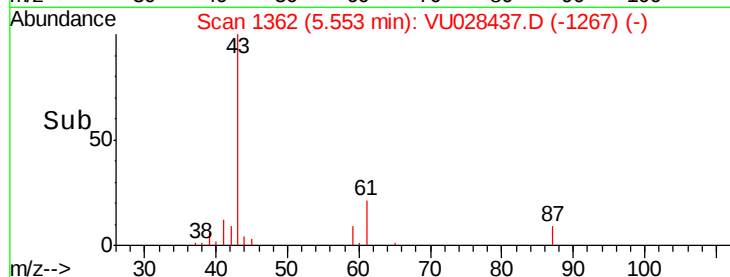
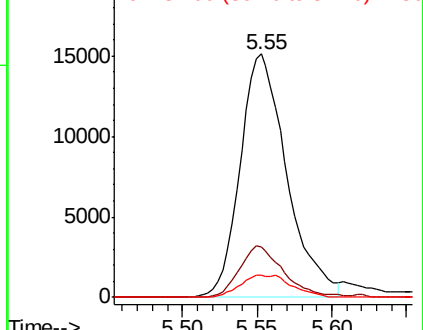
43 100

61 20.1 14.5 21.7

87 5.2 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0



#50

Toluene-d8

Concen: 49.325 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028437.D

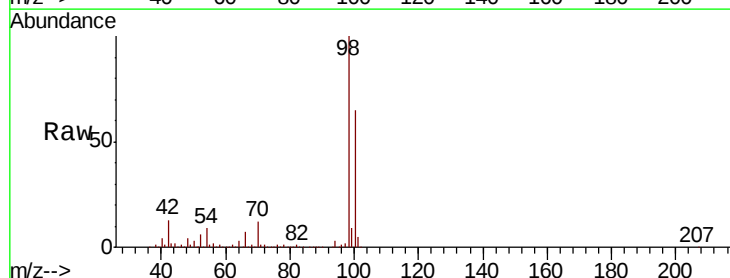
Acq: 03 Dec 2018 13:36

Tgt Ion: 98 Resp: 737898

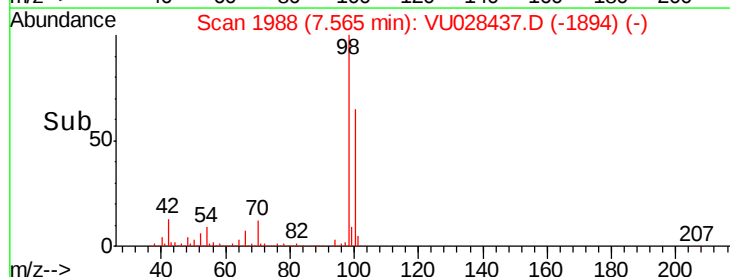
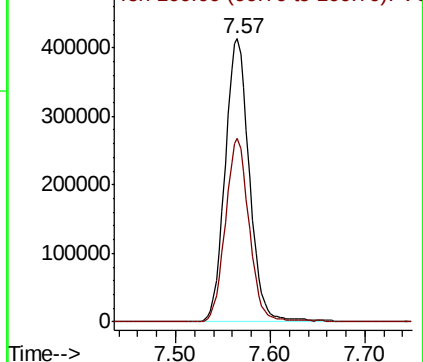
Ion Ratio Lower Upper

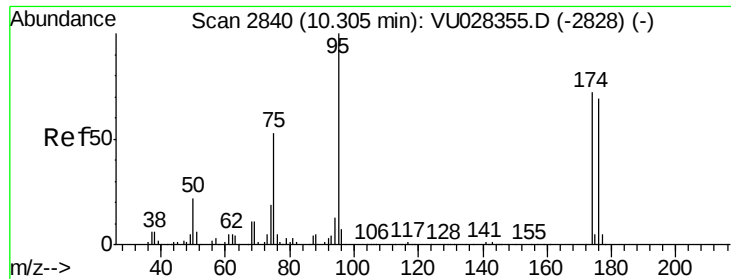
98 100

100 63.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

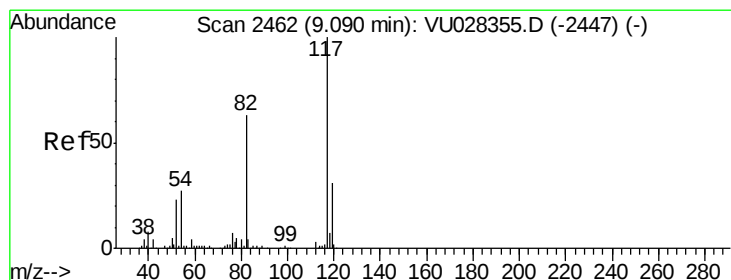
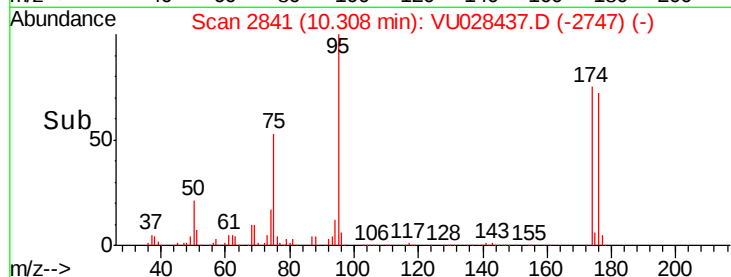
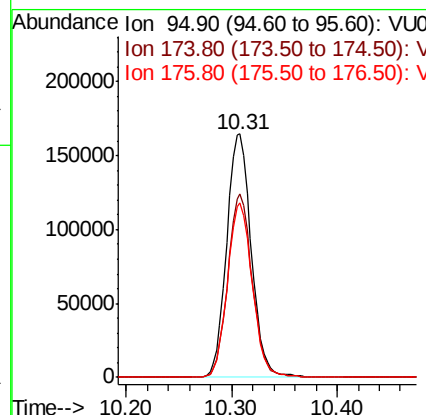
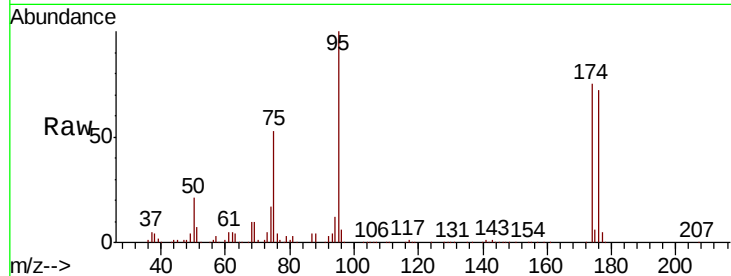




#62
 4-Bromofluorobenzene
 Concen: 49.228 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU028437.D
 Acq: 03 Dec 2018 13:36

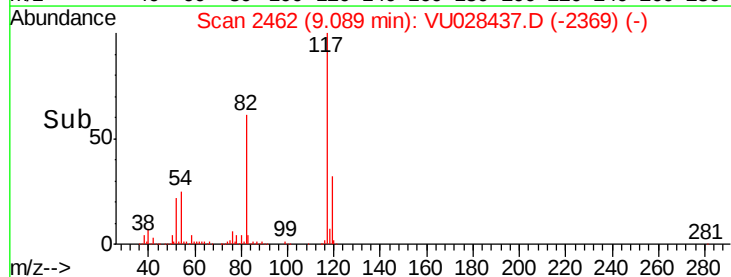
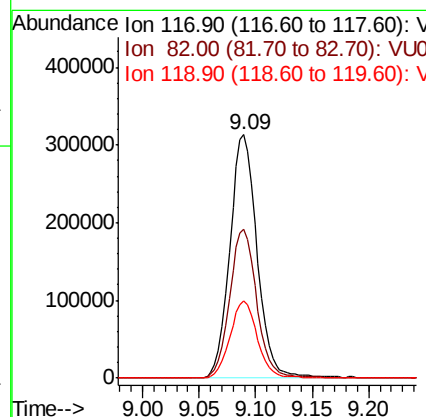
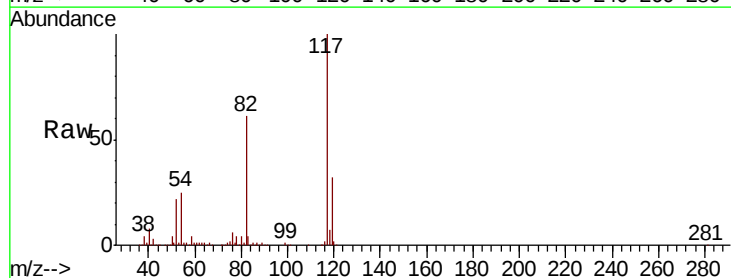
Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#14

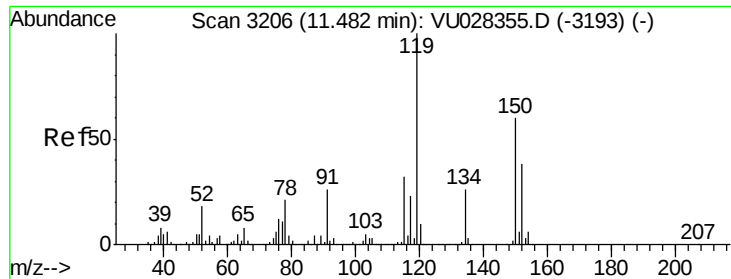
Tot Ion: 95 Resp: 265436
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 145.4
 176 72.4 0.0 140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028437.D
 Acq: 03 Dec 2018 13:36

Tgt Ion: 117 Resp: 525430
 Ion Ratio Lower Upper
 117 100
 82 61.1 50.3 75.5
 119 31.7 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028437.D

Acq: 03 Dec 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#14

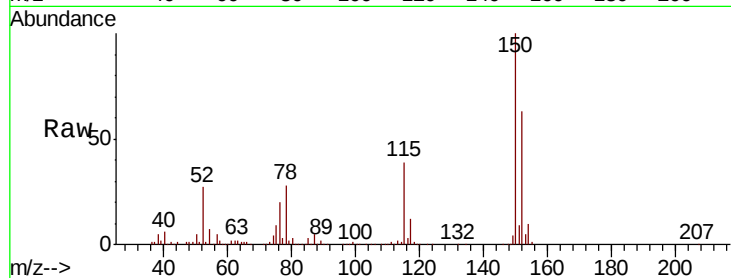
Tot Ion:152 Resp: 247384

Ion Ratio Lower Upper

152 100

115 61.0 45.0 134.8

150 156.7 0.0 349.2



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

