

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028366.D
 Acq On : 28 Nov 2018 15:19
 Operator : MD/SY
 Sample : PB115109TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115109TB

Quant Time: Nov 29 06:41:10 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

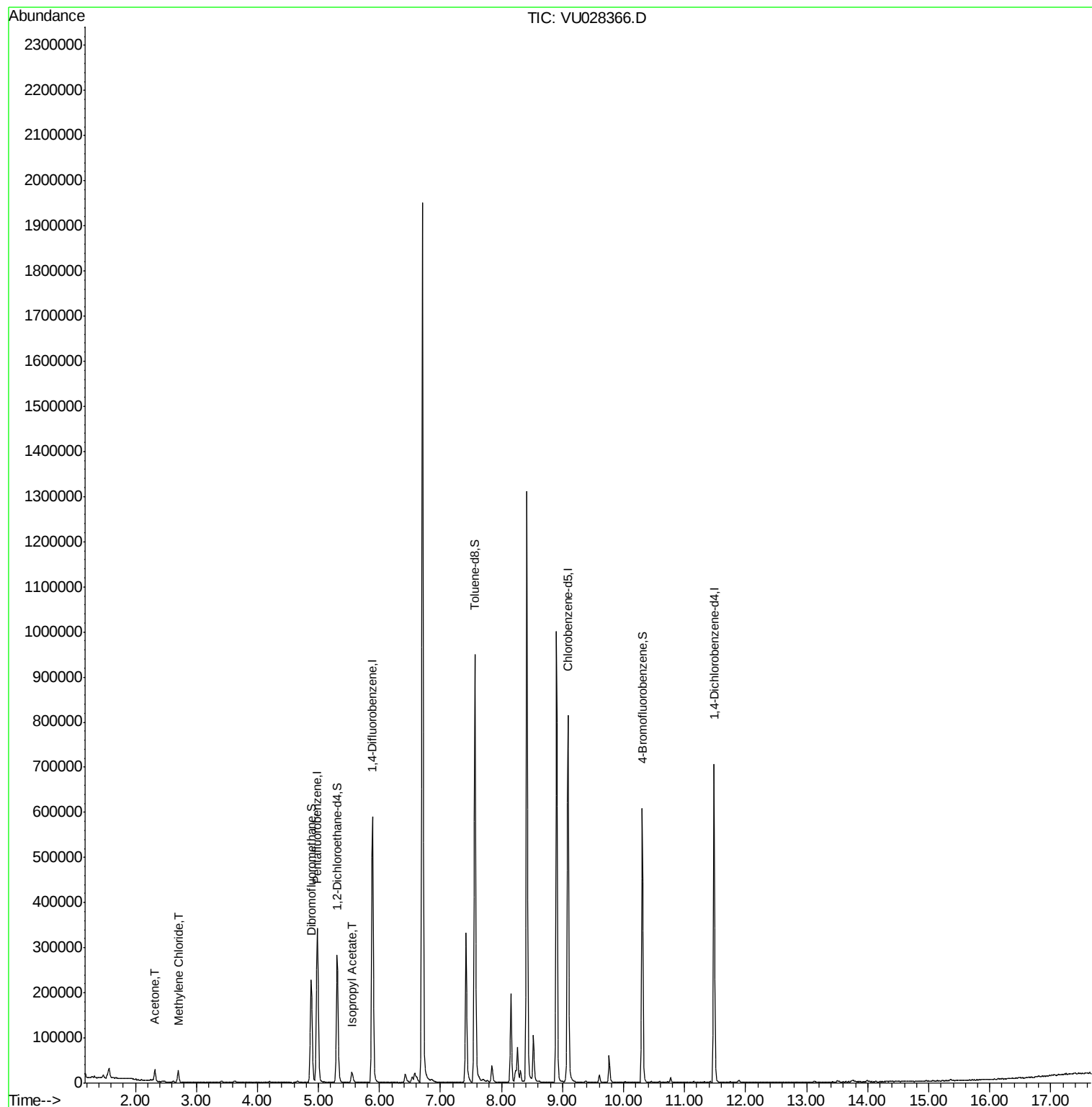
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	246539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	463442	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	415748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	161925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	213136	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	4.88	113	154388	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	7.57	98	608889	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	10.30	95	203548	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
Target Compounds						
16) Acetone	2.32	43	25854	10.258	ug/l	98
20) Methylene Chloride	2.70	84	10565	2.902	ug/l	91
43) Isopropyl Acetate	5.55	43	30301	2.767	ug/l	97

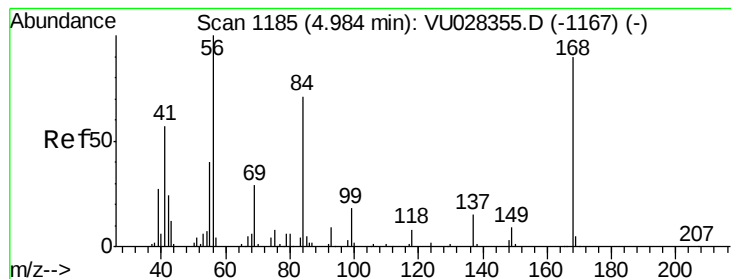
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

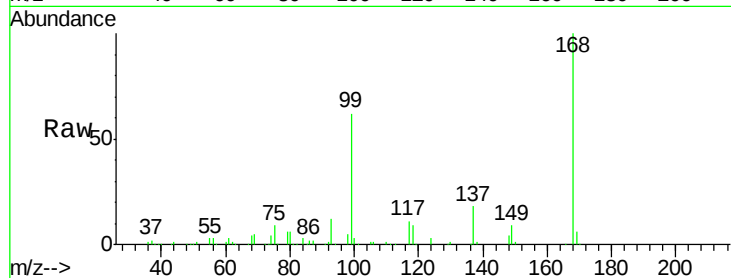
PB115109TB

Tot Ion:168 Resp: 246539

Ion Ratio Lower Upper

168 100

99 61.8 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

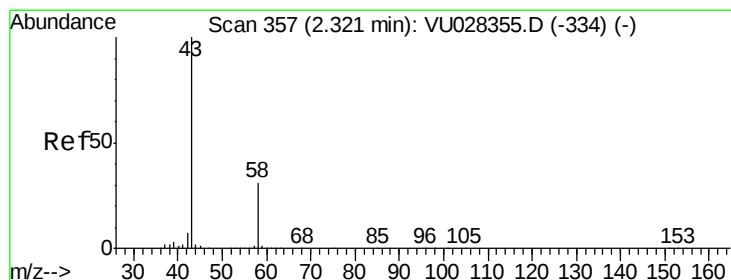
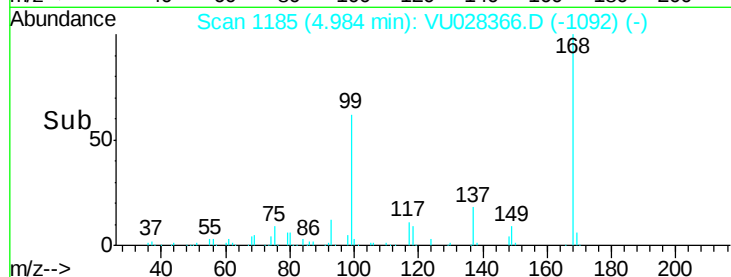
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.258 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028366.D

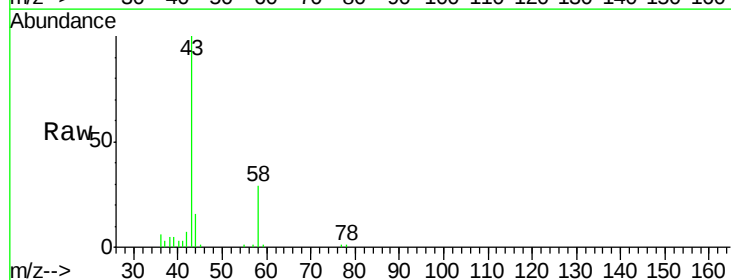
Acq: 28 Nov 2018 15:19

Tgt Ion: 43 Resp: 25854

Ion Ratio Lower Upper

43 100

58 29.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

20000

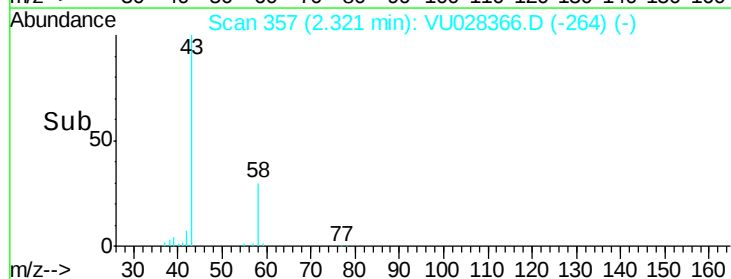
15000

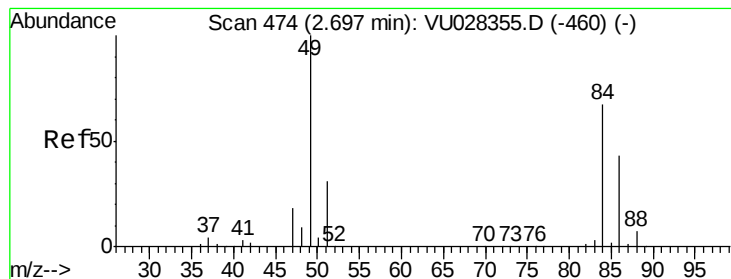
10000

5000

0

Time-->





#20

Methvlene Chloride

Concen: 2.902 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

PB115109TB

Tot Ion: 84 Resp: 10565

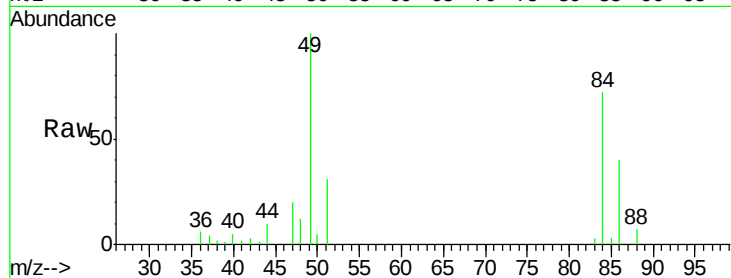
Ion Ratio Lower Upper

84 100

49 138.5 120.0 180.0

51 43.5 36.9 55.3

86 55.6 51.1 76.7

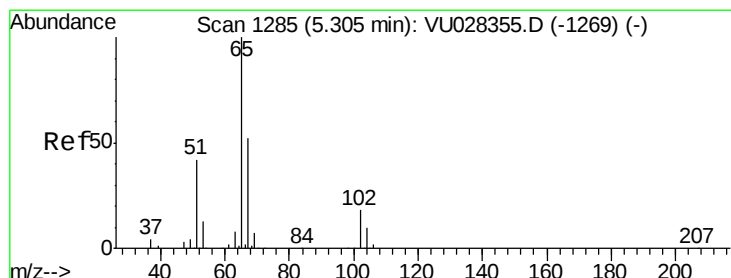
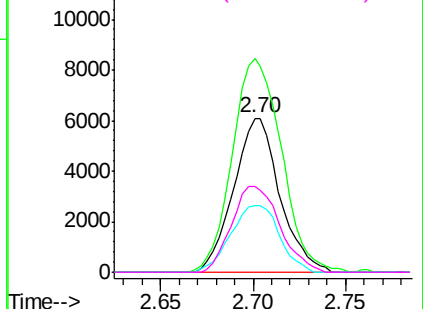
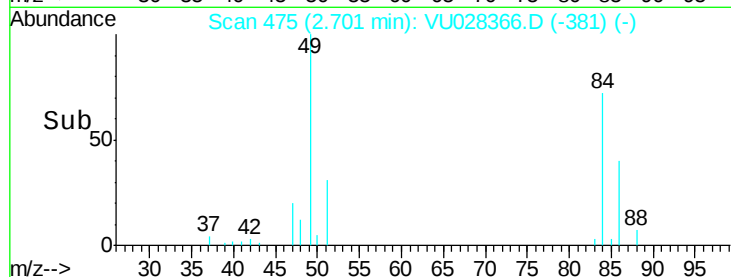


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 51.728 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028366.D

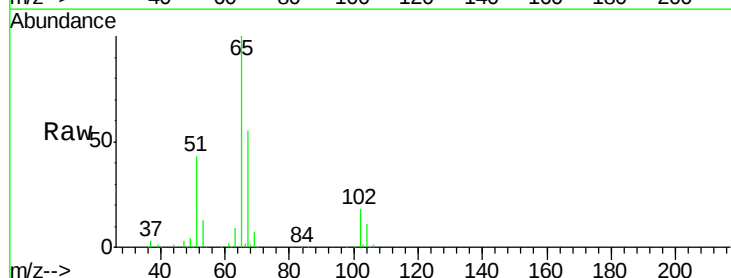
Acq: 28 Nov 2018 15:19

Tgt Ion: 65 Resp: 213136

Ion Ratio Lower Upper

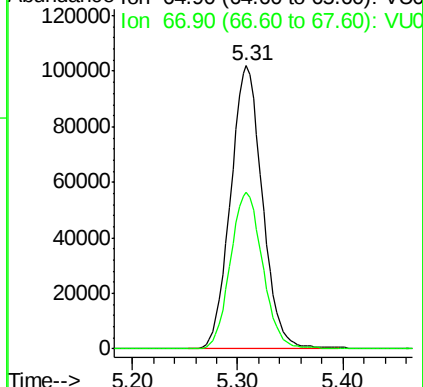
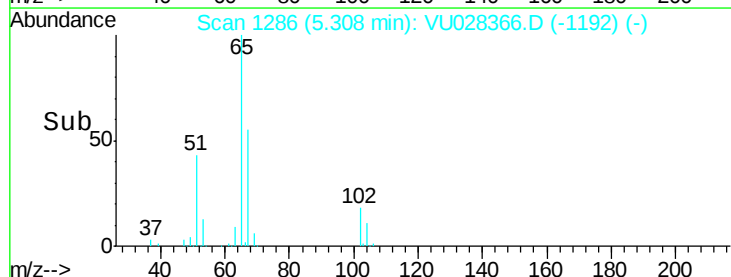
65 100

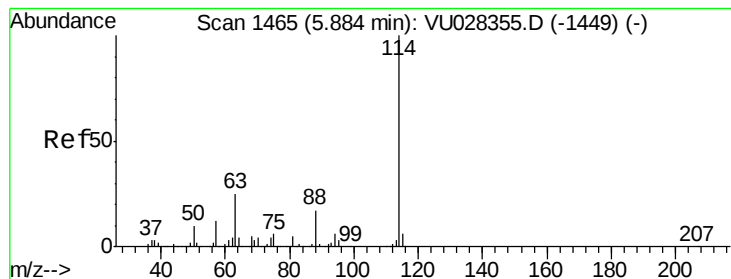
67 56.0 0.0 106.8



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: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

PB115109TB

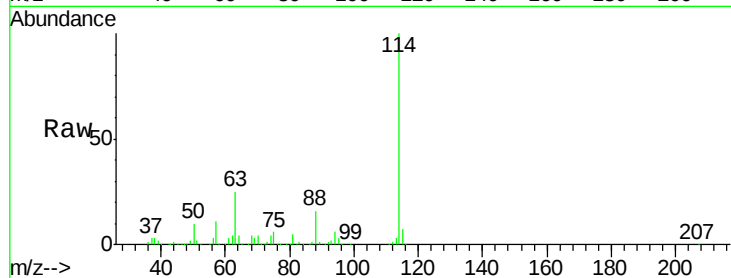
Tot Ion:114 Resp: 463442

Ion Ratio Lower Upper

114 100

63 24.9 0.0 50.0

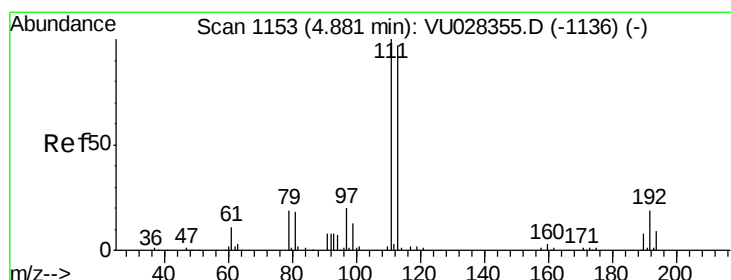
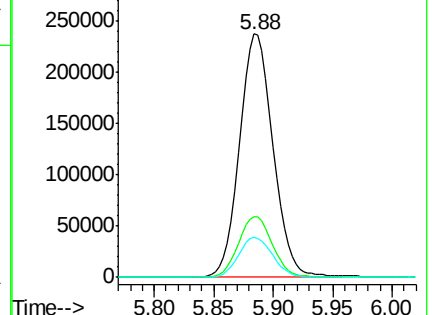
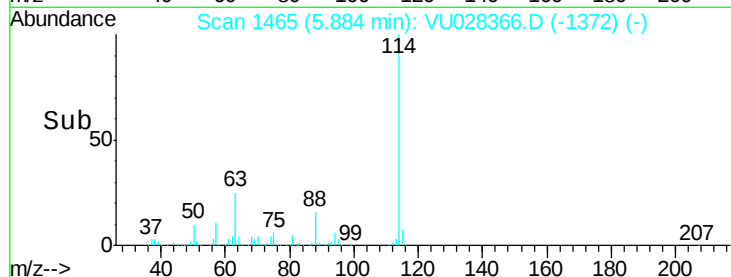
88 16.4 0.0 34.4



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: 50.098 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

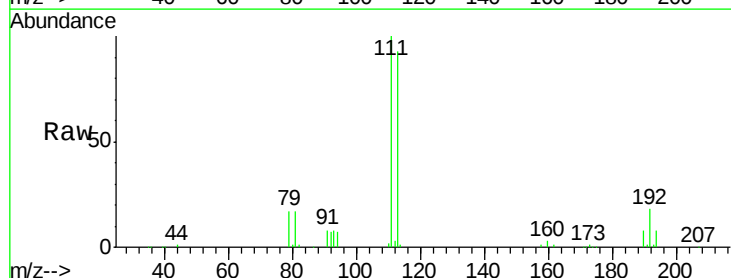
Tgt Ion:113 Resp: 154388

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

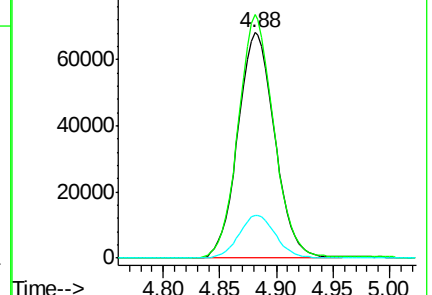
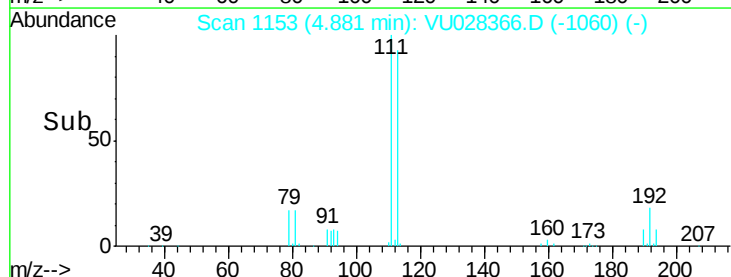
192 18.9 15.4 23.0

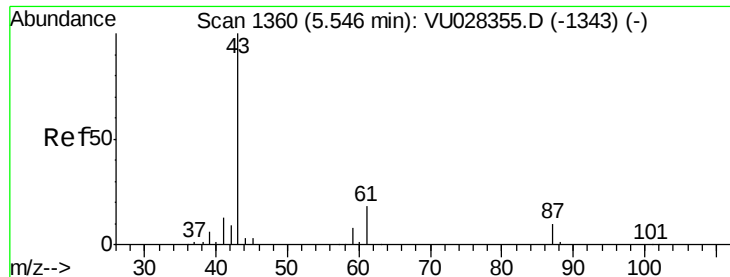


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.767 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

PB115109TB

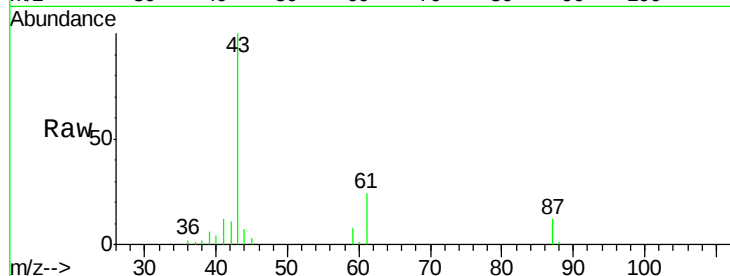
Tot Ion: 43 Resp: 30301

Ion Ratio Lower Upper

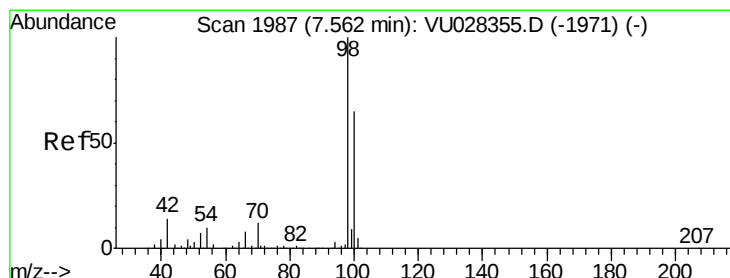
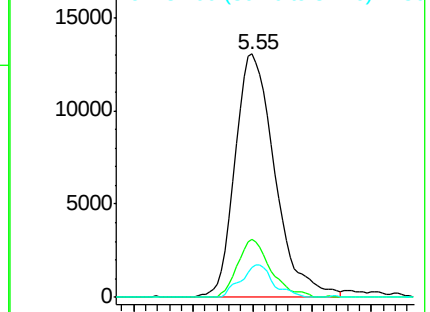
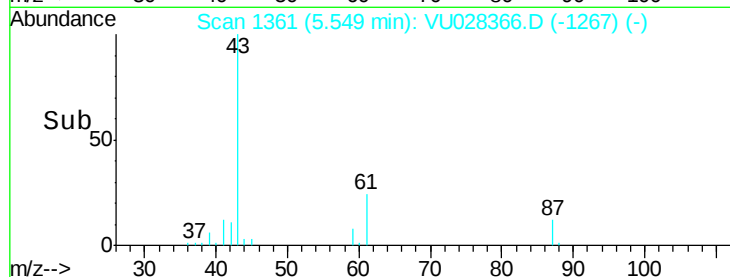
43 100

61 19.7 14.5 21.7

87 10.9 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU028366.D (-1267) (-)



#50

Toluene-d8

Concen: 49.404 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028366.D

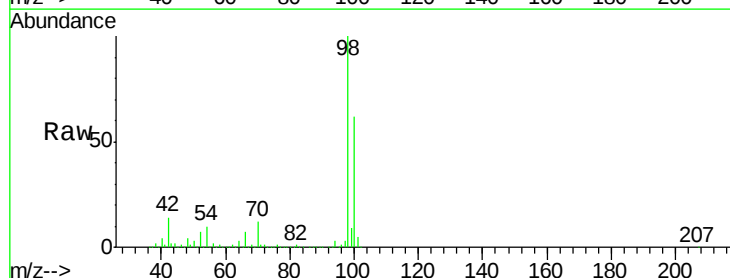
Acq: 28 Nov 2018 15:19

Tgt Ion: 98 Resp: 608889

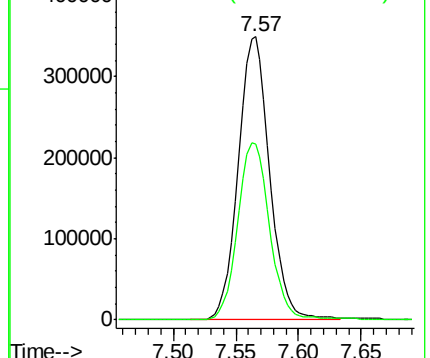
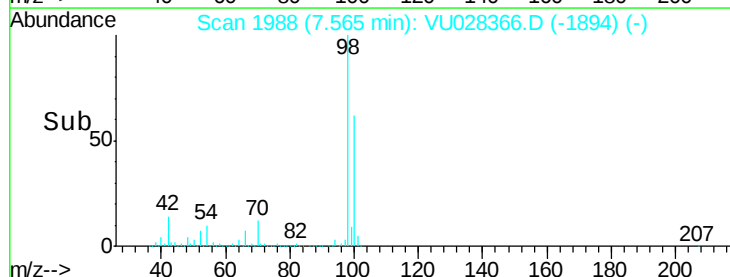
Ion Ratio Lower Upper

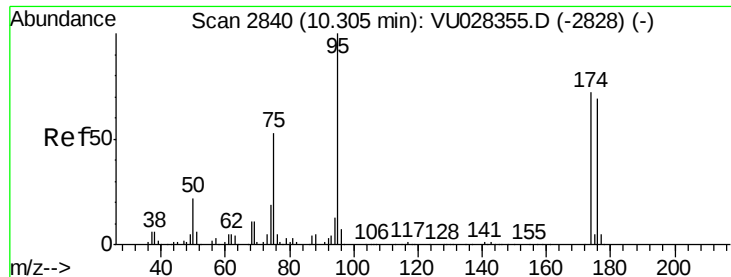
98 100

100 63.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028366.D (-1894) (-)

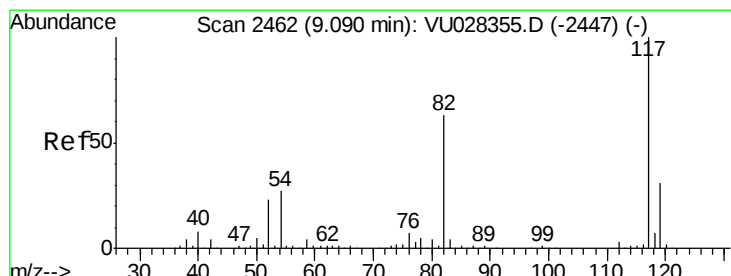
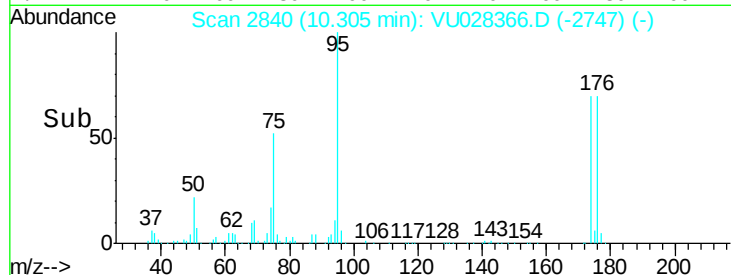
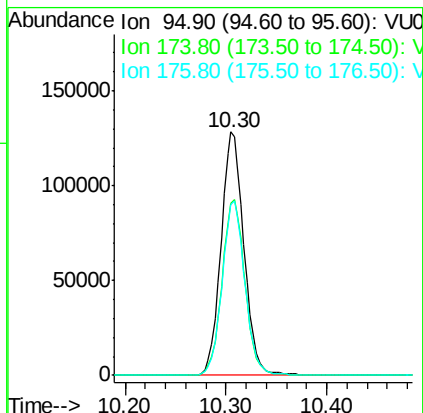
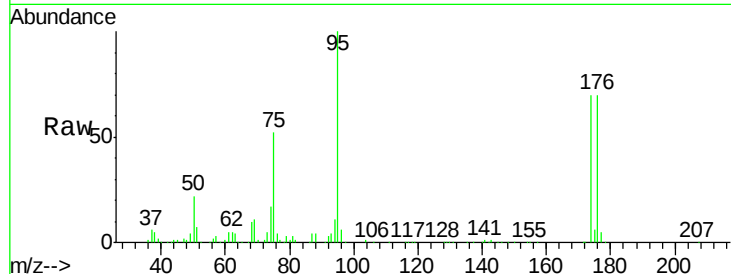




#62
4-Bromofluorobenzene
Concen: 45.822 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028366.D
Acq: 28 Nov 2018 15:19

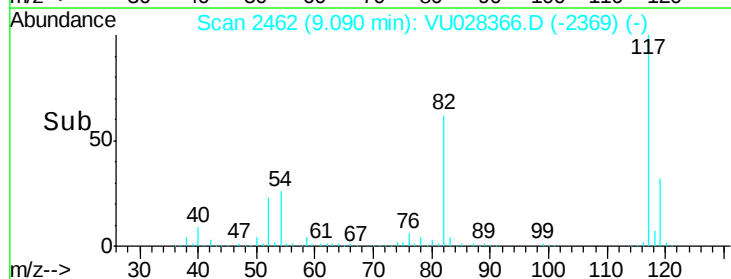
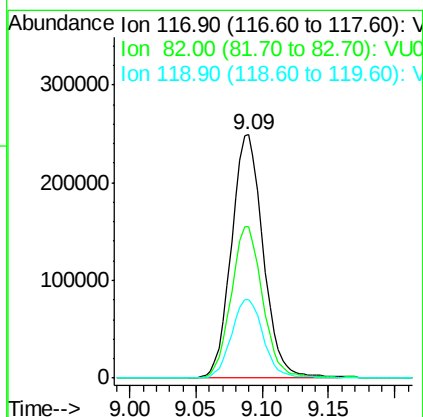
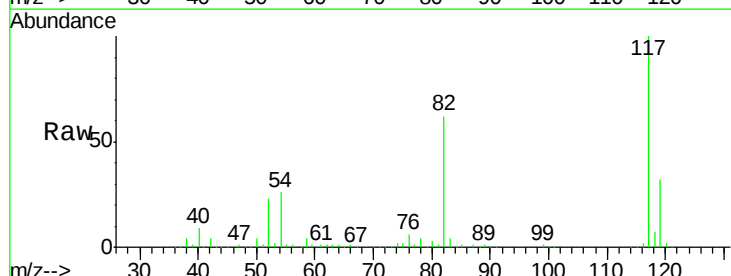
Instrument :
MSVOA_U
ClientSampleId :
PB115109TB

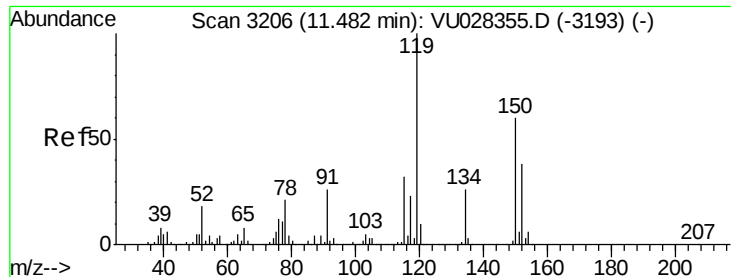
Tot Ion: 95 Resp: 203548
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.4
176 71.2 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028366.D
Acq: 28 Nov 2018 15:19

Tgt Ion: 117 Resp: 415748
Ion Ratio Lower Upper
117 100
82 62.3 50.3 75.5
119 32.4 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: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

PB115109TB

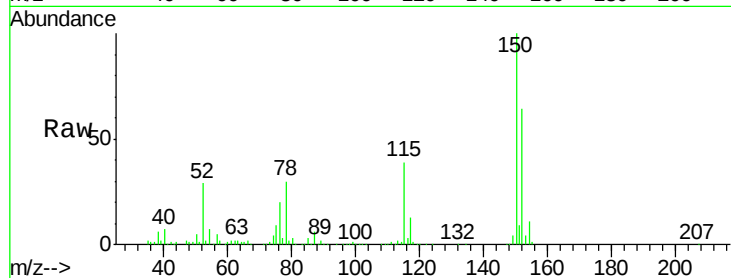
Tot Ion:152 Resp: 161925

Ion Ratio Lower Upper

152 100

115 62.7 45.0 134.8

150 159.3 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

