

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028372.D
 Acq On : 28 Nov 2018 17:44
 Operator : MD/SY
 Sample : PB115109ZHE#01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115109ZHE#01

Quant Time: Nov 29 06:53:10 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

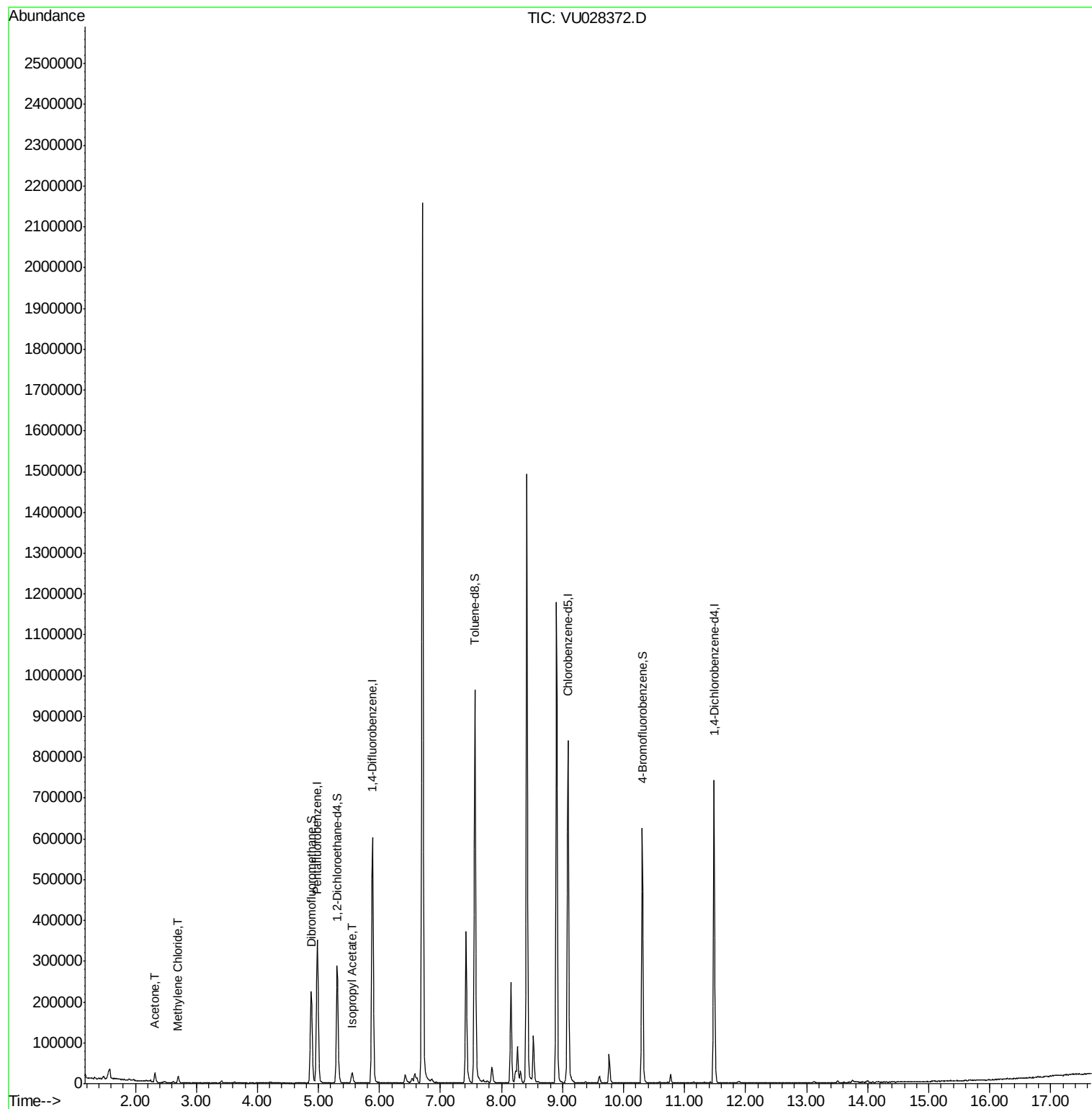
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	254254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	477910	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	431723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	170737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	218211	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
35) Dibromofluoromethane	4.88	113	155086	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	7.57	98	615637	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	10.30	95	206669	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
16) Acetone	2.32	43	24044	9.250	ug/l	95
20) Methylene Chloride	2.70	84	6491	1.699	ug/l	95
43) Isopropyl Acetate	5.55	43	33170	2.937	ug/l	100

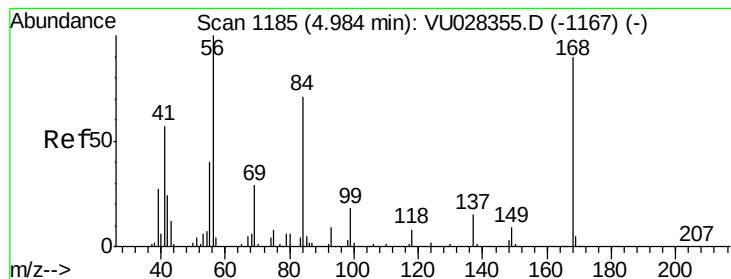
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028372.D

Acq: 28 Nov 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

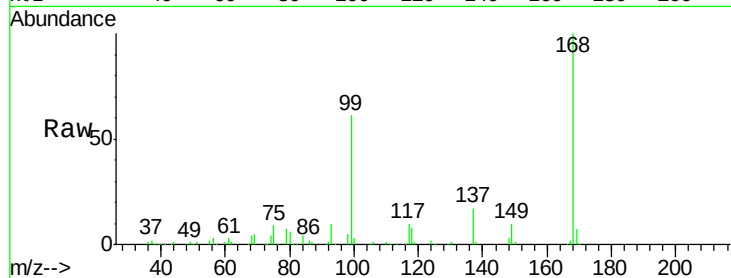
PB115109ZHE#01

Tot Ion:168 Resp: 254254

Ion Ratio Lower Upper

168 100

99 60.9 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

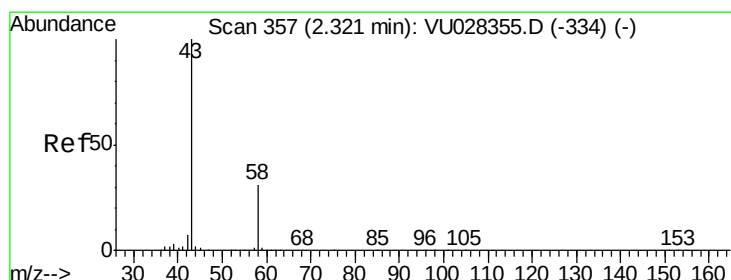
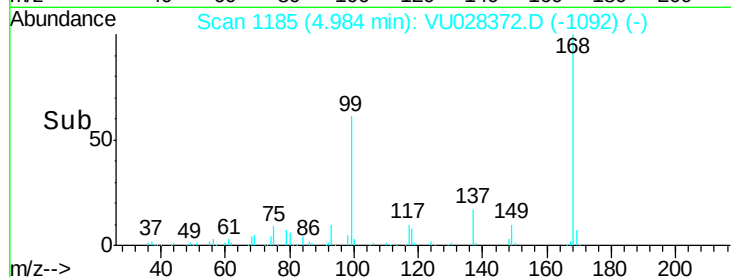
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 9.250 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028372.D

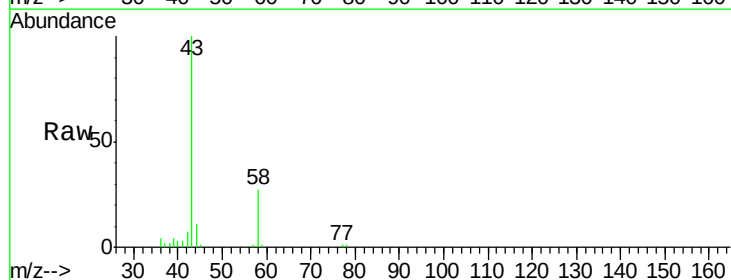
Acq: 28 Nov 2018 17:44

Tgt Ion: 43 Resp: 24044

Ion Ratio Lower Upper

43 100

58 27.7 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

15000

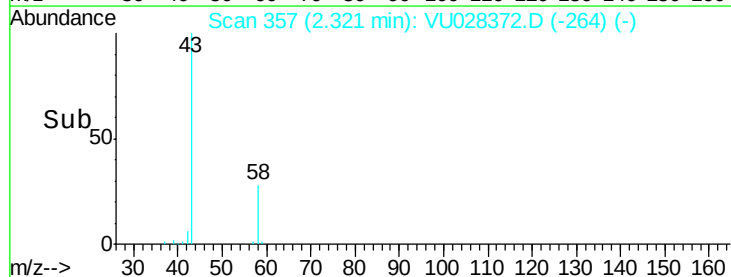
10000

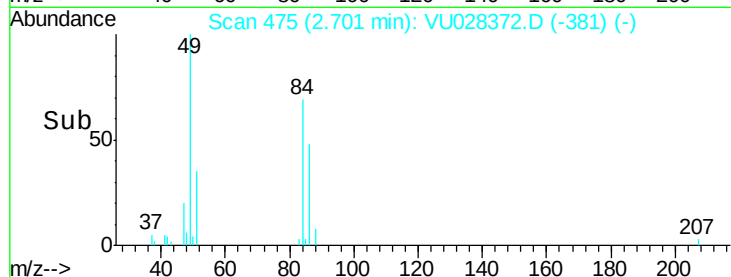
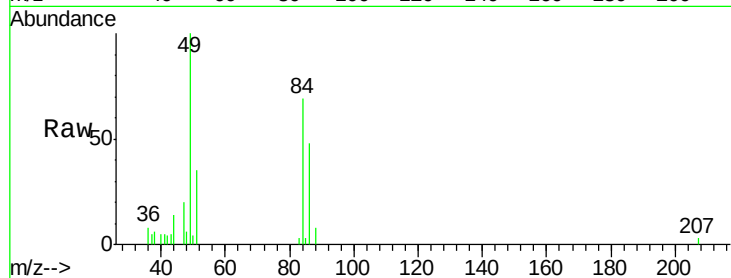
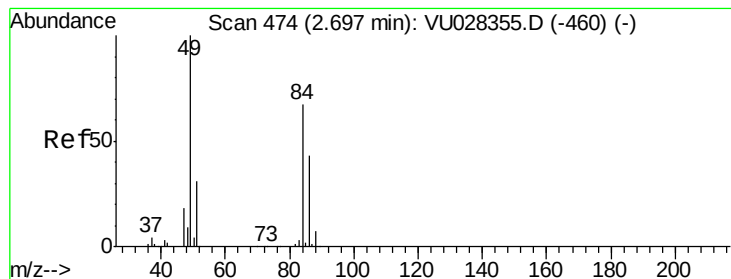
5000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 1.699 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU028372.D

Acq: 28 Nov 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

PB115109ZHE#01

Tot Ion: 84 Resp: 6491

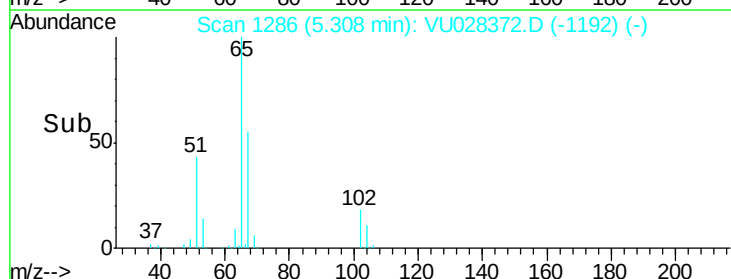
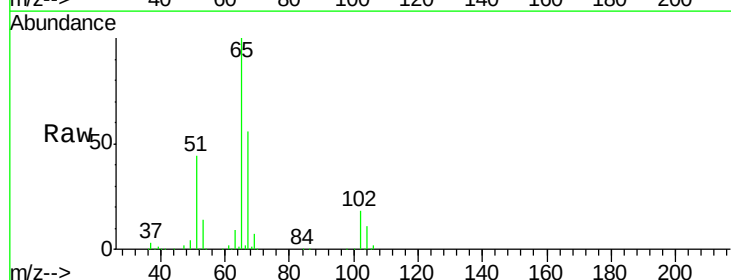
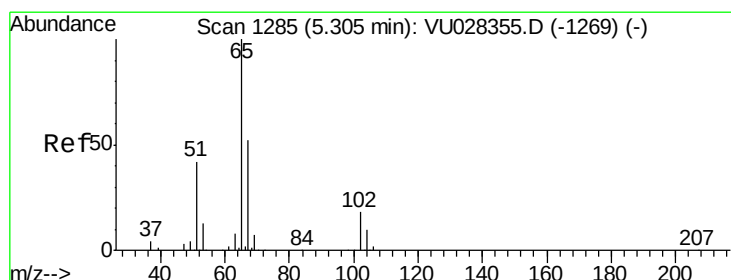
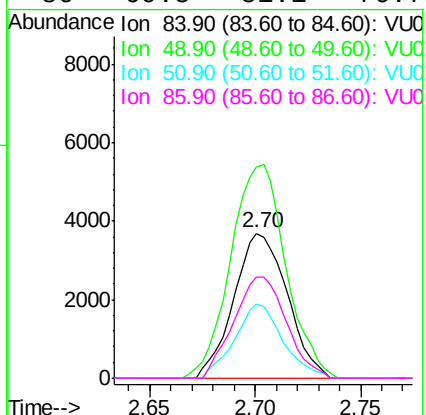
Ion Ratio Lower Upper

84 100

49 145.6 120.0 180.0

51 51.2 36.9 55.3

86 69.5 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 51.353 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028372.D

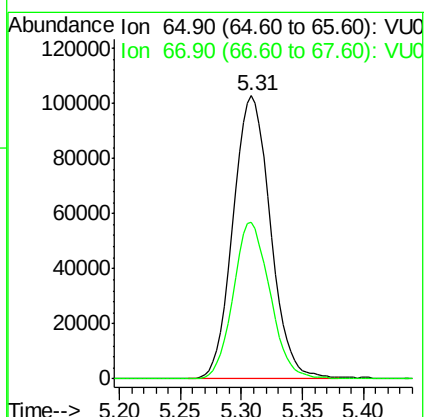
Acq: 28 Nov 2018 17:44

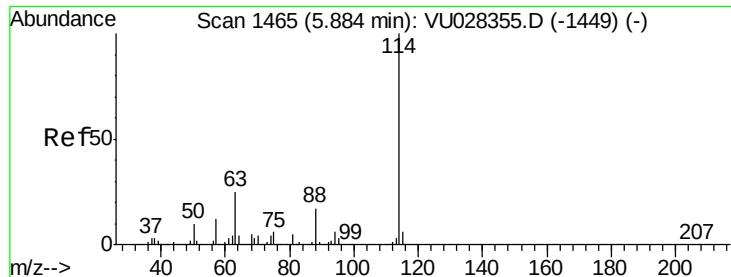
Tgt Ion: 65 Resp: 218211

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028372.D

Acq: 28 Nov 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

PB115109ZHE#01

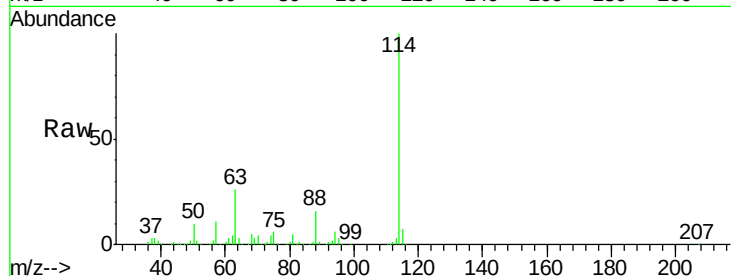
Tot Ion:114 Resp: 477910

Ion Ratio Lower Upper

114 100

63 26.0 0.0 50.0

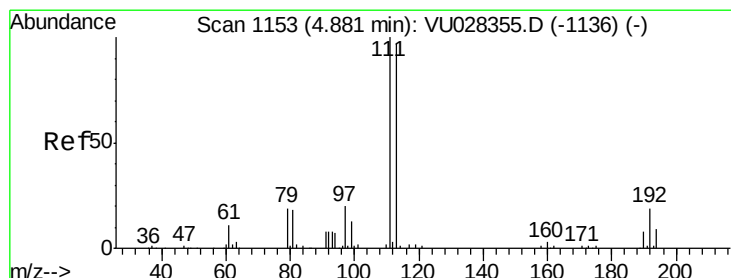
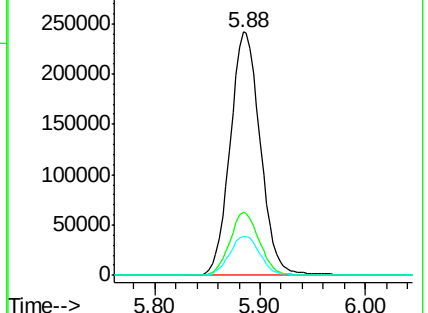
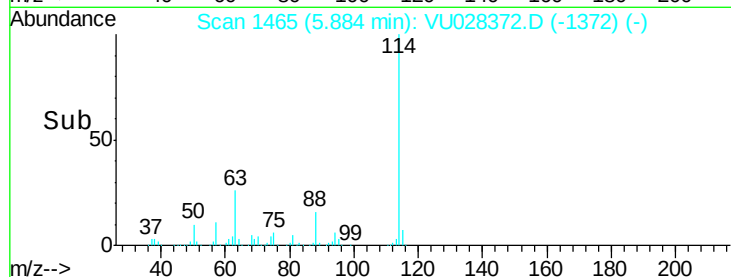
88 16.1 0.0 34.4



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: 48.801 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028372.D

Acq: 28 Nov 2018 17:44

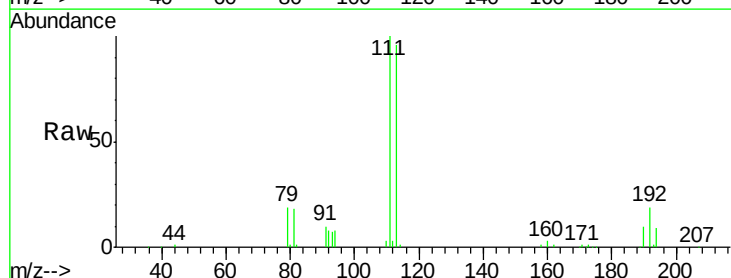
Tgt Ion:113 Resp: 155086

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

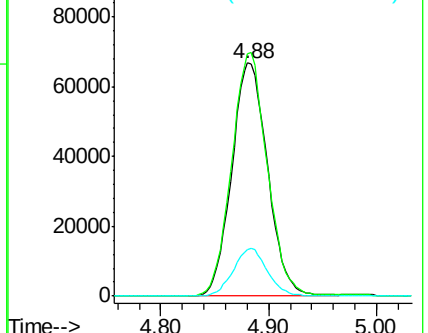
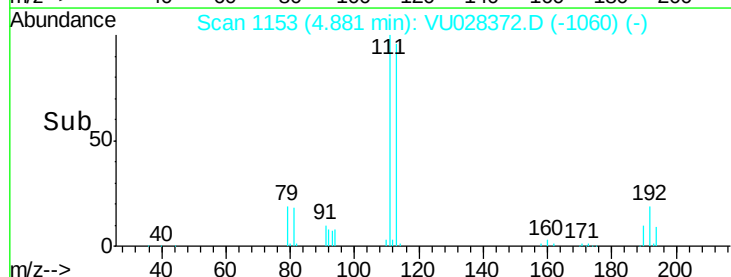
192 19.4 15.4 23.0

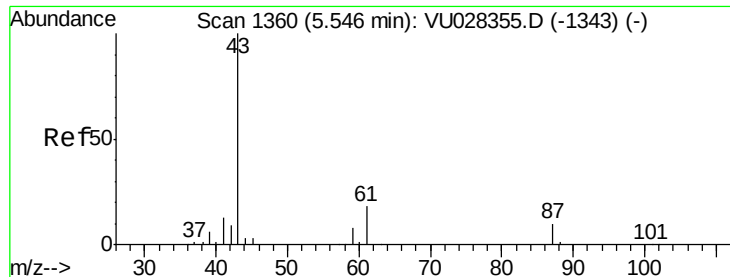


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.937 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028372.D

Acq: 28 Nov 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

PB115109ZHE#01

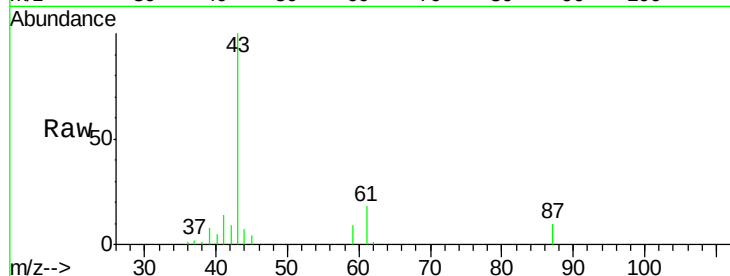
Tot Ion: 43 Resp: 33170

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

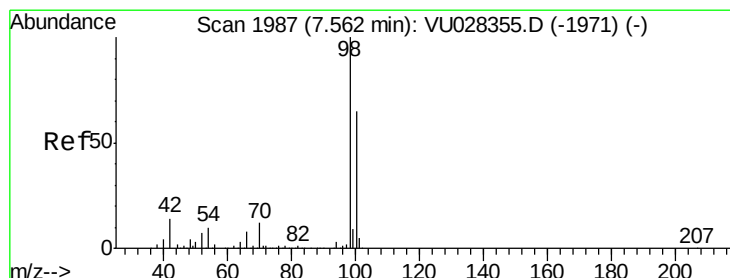
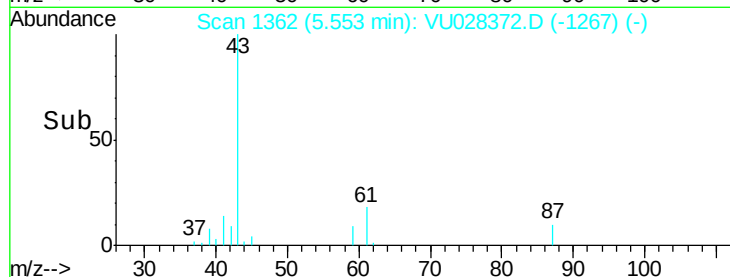
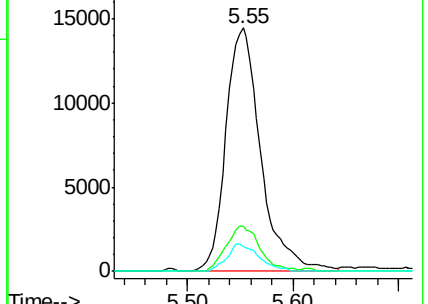
87 10.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU028372.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU028372.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU028372.D (-1267) (-)



#50

Toluene-d8

Concen: 48.440 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028372.D

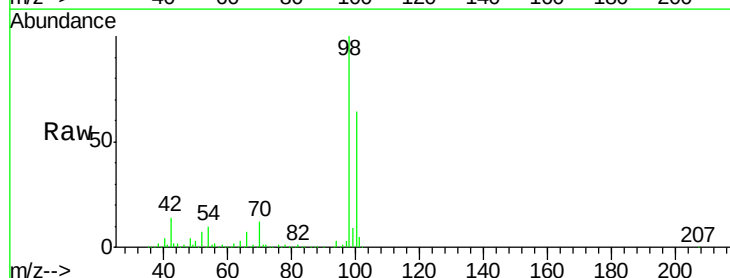
Acq: 28 Nov 2018 17:44

Tgt Ion: 98 Resp: 615637

Ion Ratio Lower Upper

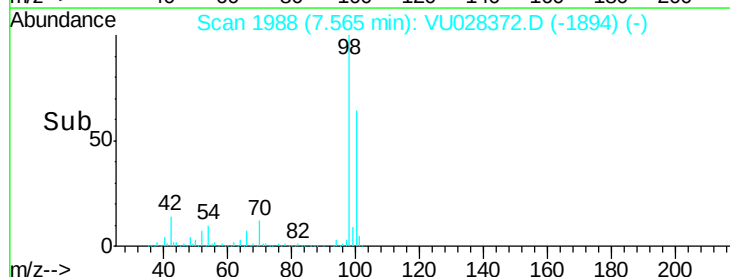
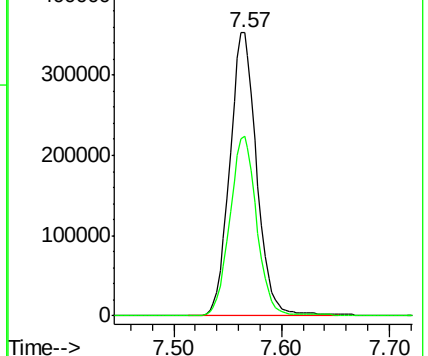
98 100

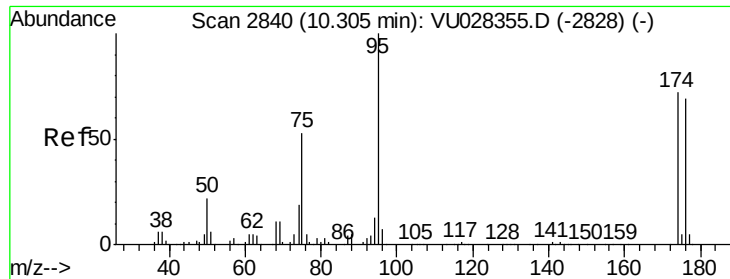
100 63.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028372.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU028372.D (-1894) (-)

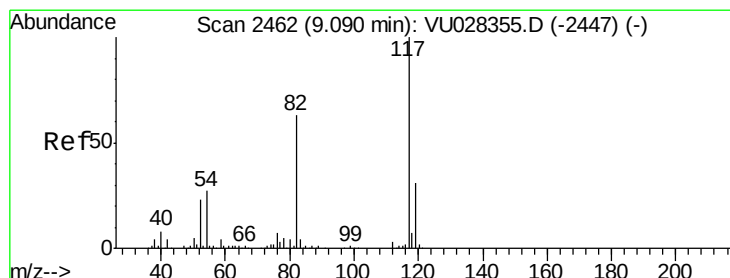
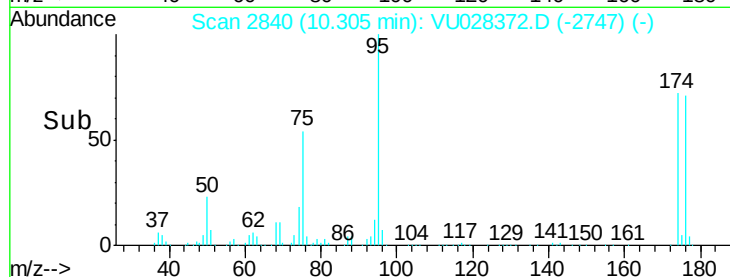
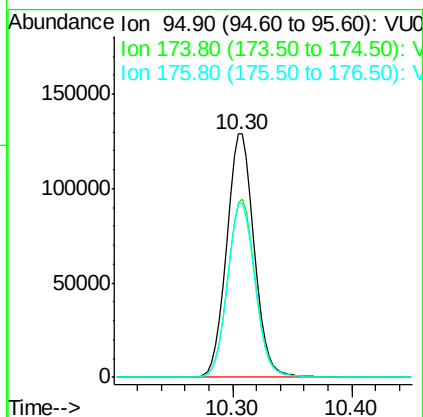
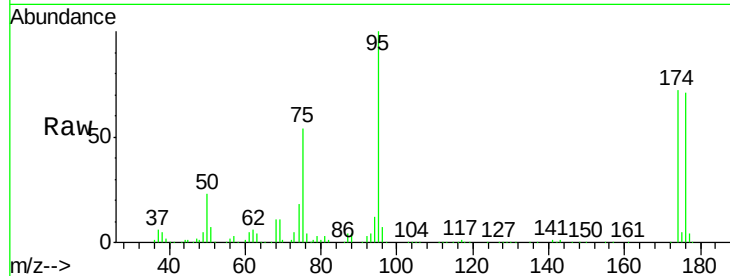




#62
4-Bromofluorobenzene
Concen: 45.116 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028372.D
Acq: 28 Nov 2018 17:44

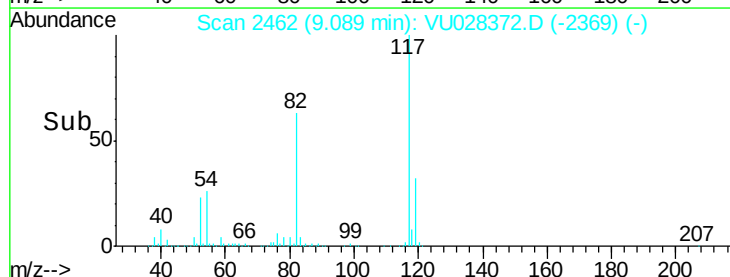
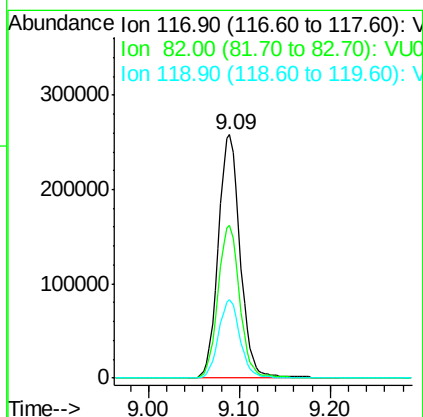
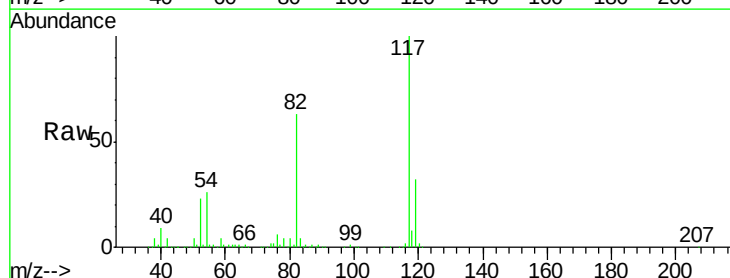
Instrument :
MSVOA_U
ClientSampleId :
PB115109ZHE#01

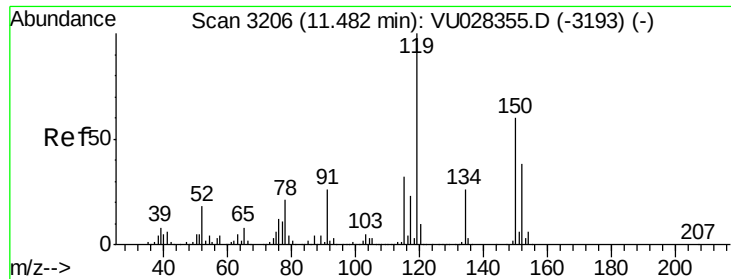
Tot Ion: 95 Resp: 206669
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.4
176 71.8 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028372.D
Acq: 28 Nov 2018 17:44

Tgt Ion: 117 Resp: 431723
Ion Ratio Lower Upper
117 100
82 62.5 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: VU028372.D

Acq: 28 Nov 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

PB115109ZHE#01

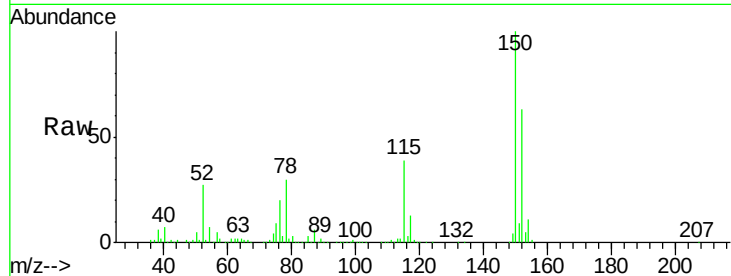
Tot Ion:152 Resp: 170737

Ion Ratio Lower Upper

152 100

115 61.8 45.0 134.8

150 156.9 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

