

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028386.D
 Acq On : 29 Nov 2018 12:18
 Operator : MD/SY
 Sample : PB115150TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115150TB

Quant Time: Nov 30 07:24:27 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

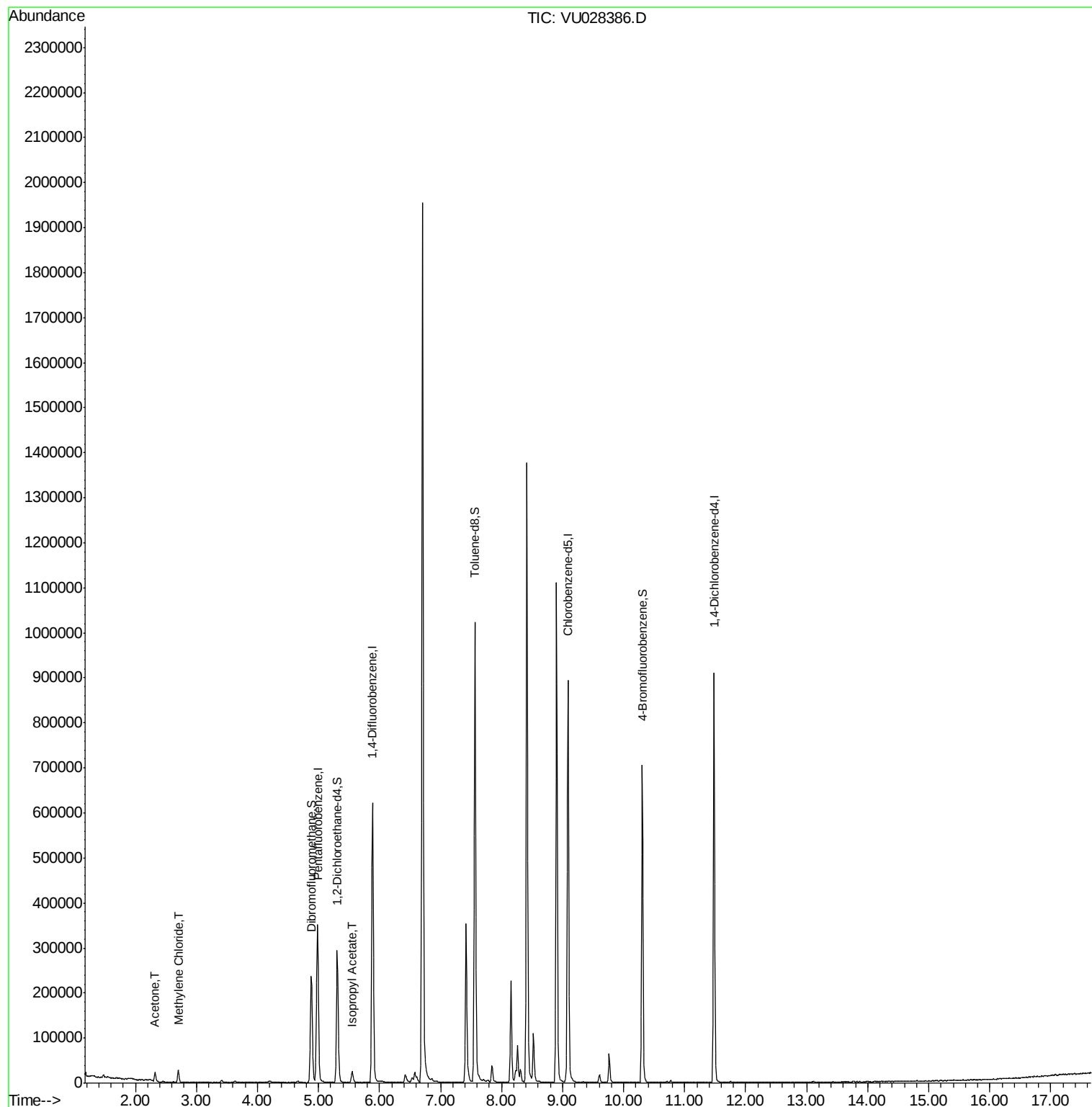
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	253641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	483747	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	459474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	209772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	224052	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	4.88	113	162421	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	7.57	98	651537	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	10.31	95	236125	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
Target Compounds						
16) Acetone	2.32	43	22971	8.859	ug/l	94
20) Methylene Chloride	2.70	84	11015	2.942	ug/l	92
43) Isopropyl Acetate	5.55	43	30673	2.683	ug/l	99

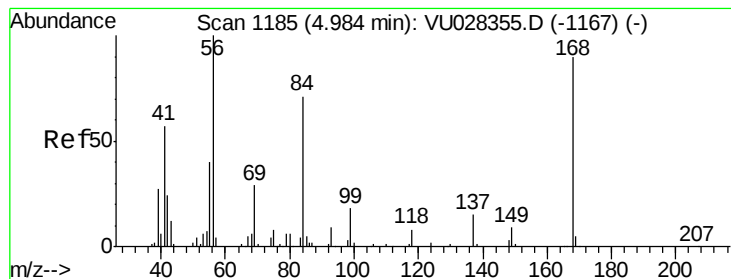
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028386.D

Acq: 29 Nov 2018 12:18

Instrument :

MSVOA_U

ClientSampleId :

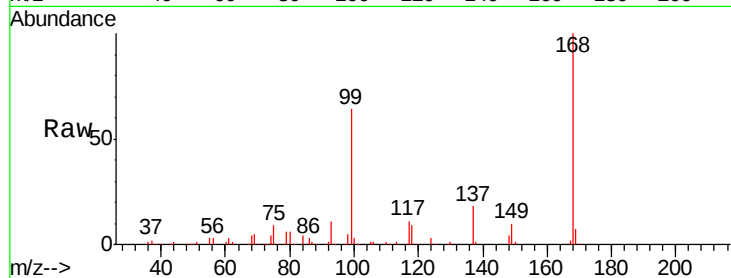
PB115150TB

Tgt Ion:168 Resp: 253641

Ion Ratio Lower Upper

168 100

99 64.0 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) (-)

4.99

120000

100000

80000

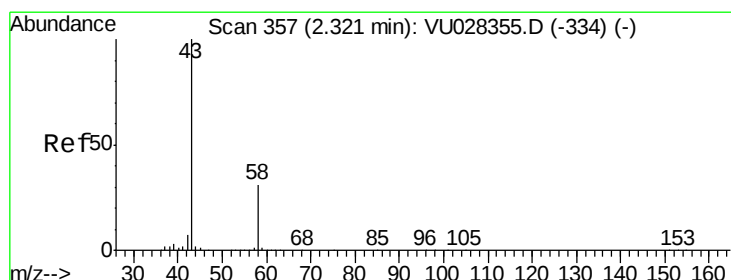
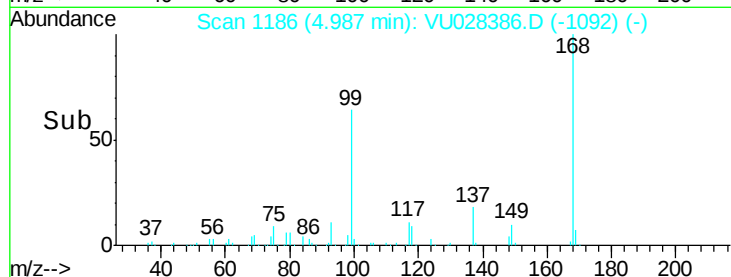
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.859 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028386.D

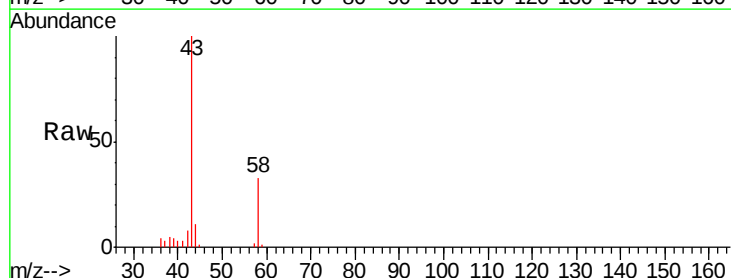
Acq: 29 Nov 2018 12:18

Tgt Ion: 43 Resp: 22971

Ion Ratio Lower Upper

43 100

58 33.8 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

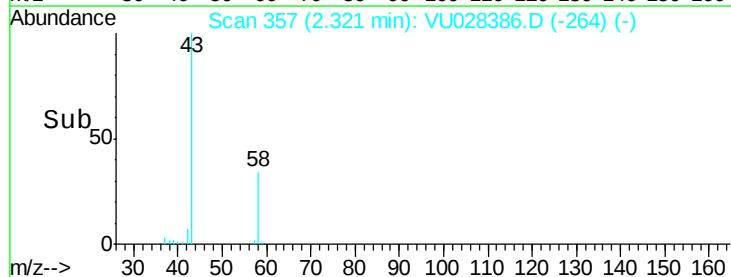
15000

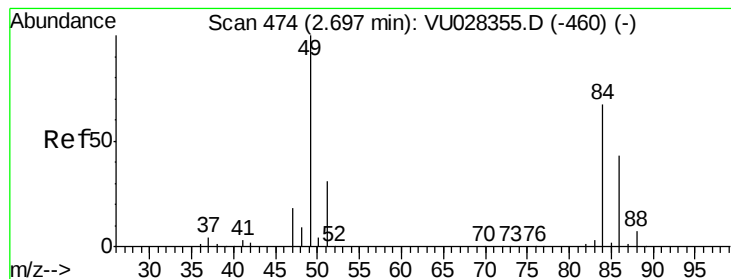
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 2.942 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU028386.D

Acq: 29 Nov 2018 12:18

Instrument :

MSVOA_U

ClientSampleId :

PB115150TB

Tgt Ion: 84 Resp: 11015

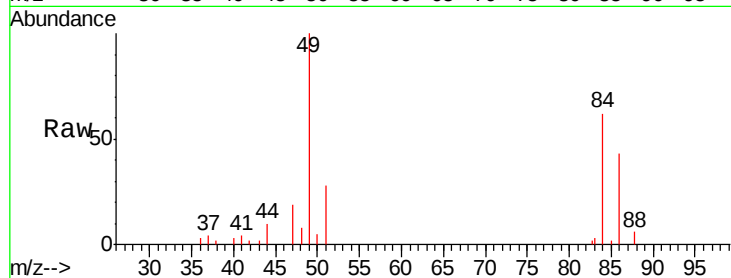
Ion Ratio Lower Upper

84 100

49 162.5 120.0 180.0

51 44.7 36.9 55.3

86 69.2 51.1 76.7

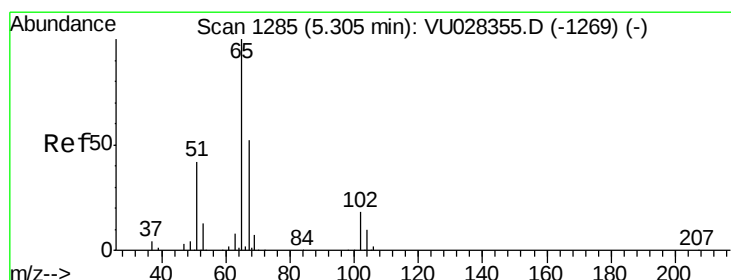
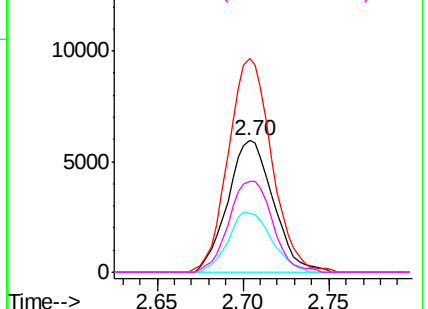
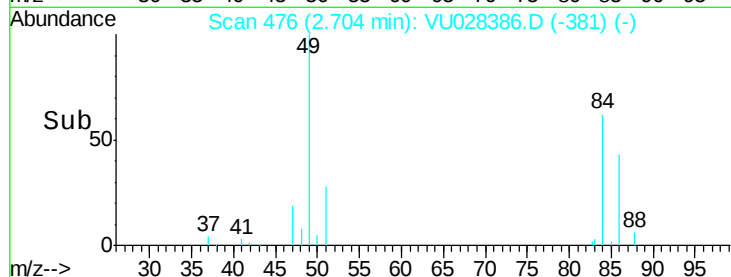


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 52.855 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028386.D

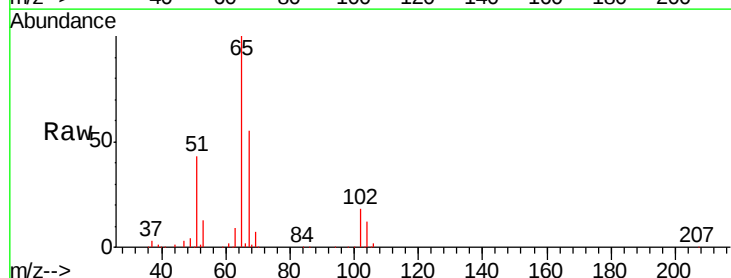
Acq: 29 Nov 2018 12:18

Tgt Ion: 65 Resp: 224052

Ion Ratio Lower Upper

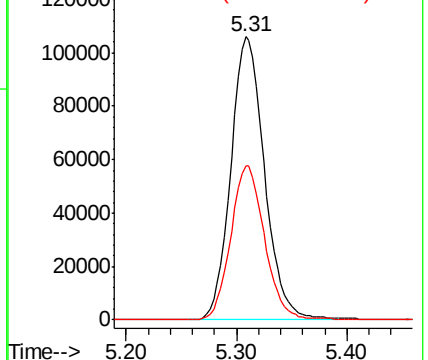
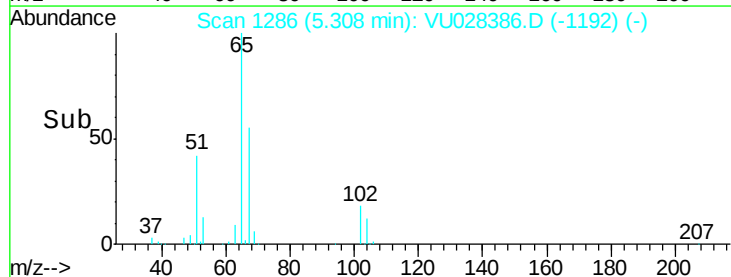
65 100

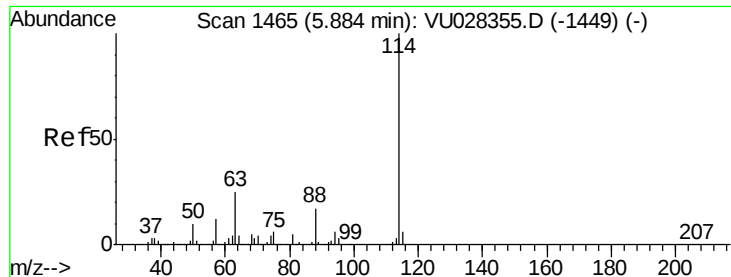
67 55.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

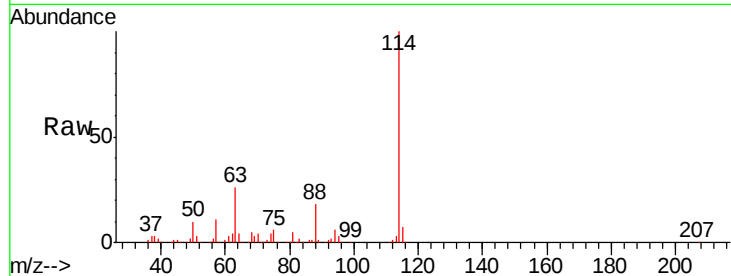




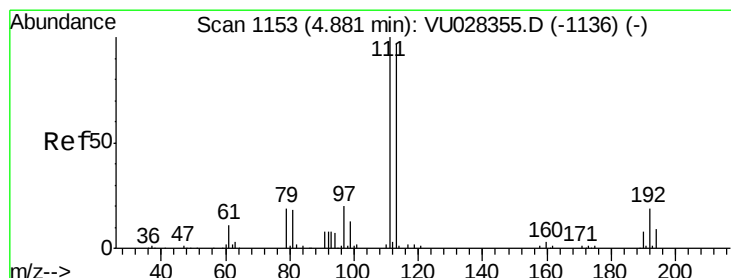
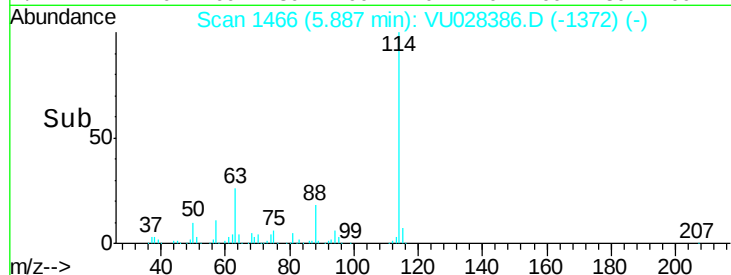
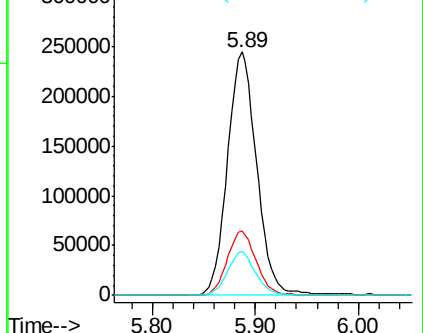
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028386.D
 Acq: 29 Nov 2018 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115150TB

Tgt Ion:114 Resp: 483747
 Ion Ratio Lower Upper
 114 100
 63 26.4 0.0 50.0
 88 18.2 0.0 34.4

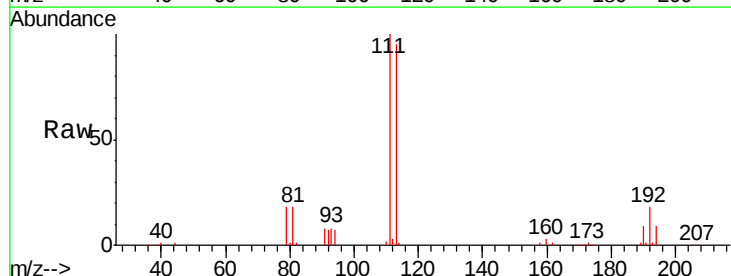


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

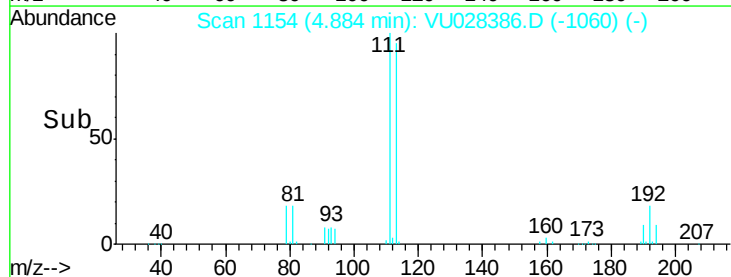
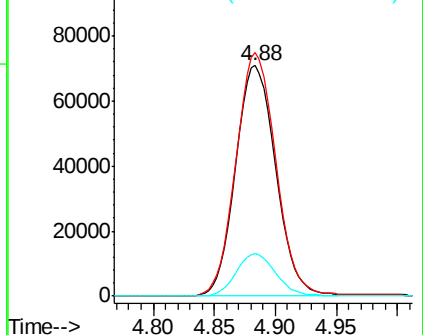


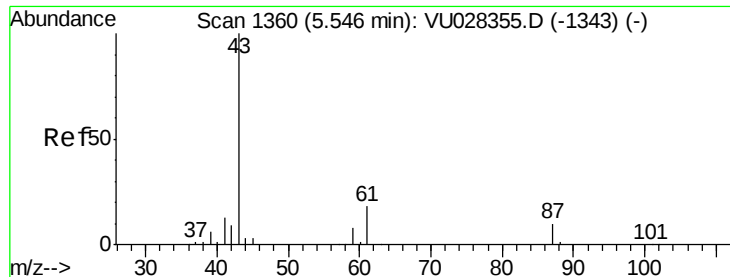
#35
 Dibromofluoromethane
 Concen: 50.493 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028386.D
 Acq: 29 Nov 2018 12:18

Tgt Ion:113 Resp: 162421
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.9 124.3
 192 18.3 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: 2.683 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028386.D

Acq: 29 Nov 2018 12:18

Instrument :

MSVOA_U

ClientSampleId :

PB115150TB

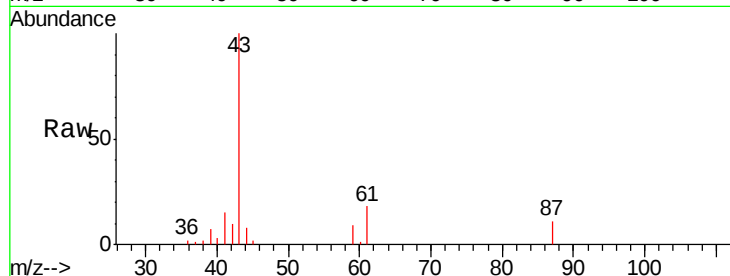
Tgt Ion: 43 Resp: 30673

Ion Ratio Lower Upper

43 100

61 18.3 14.5 21.7

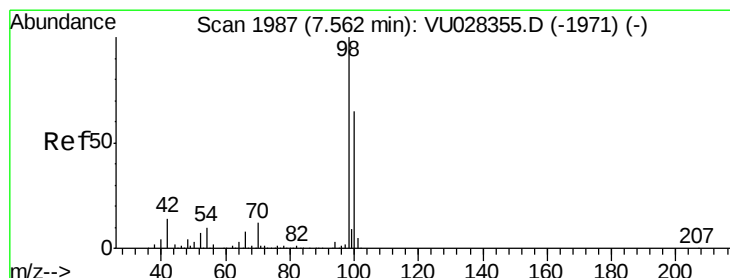
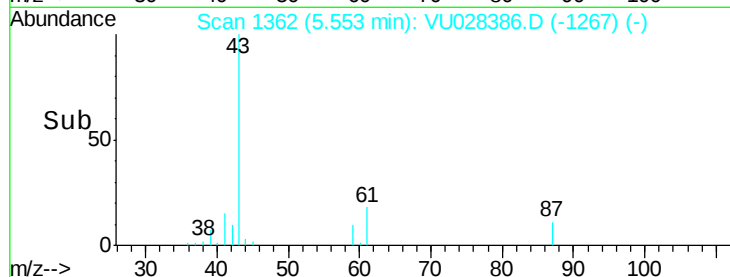
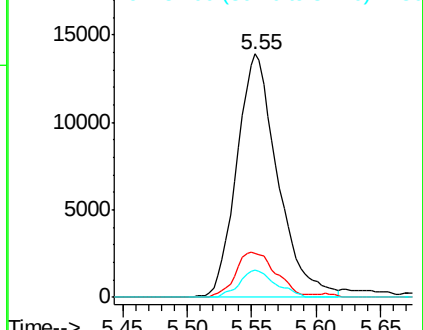
87 9.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU028355.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU028355.D (-1343) (-)



#50

Toluene-d8

Concen: 50.646 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028386.D

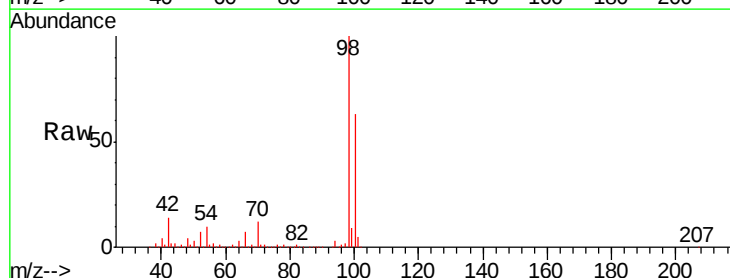
Acq: 29 Nov 2018 12:18

Tgt Ion: 98 Resp: 651537

Ion Ratio Lower Upper

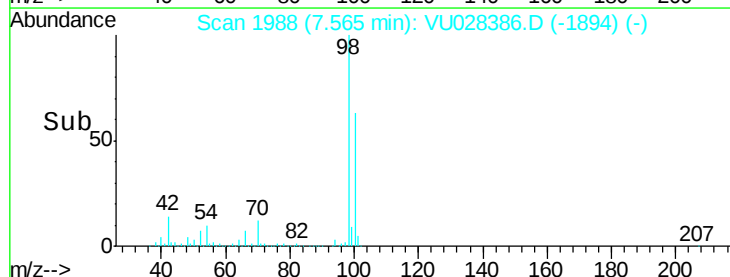
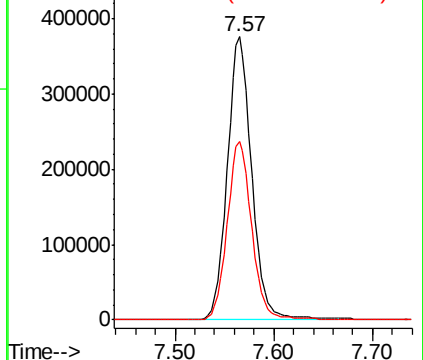
98 100

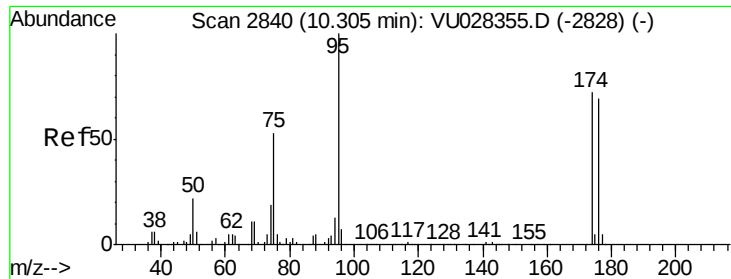
100 63.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)





#62

4-Bromofluorobenzene

Concen: 50.924 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028386.D

Acq: 29 Nov 2018 12:18

Instrument :

MSVOA_U

ClientSampleId :

PB115150TB

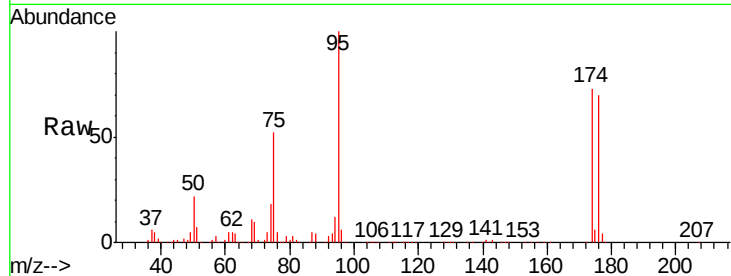
Tgt Ion: 95 Resp: 236125

Ion Ratio Lower Upper

95 100

174 72.6 0.0 145.4

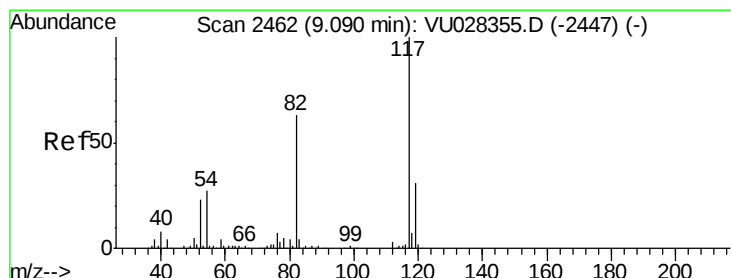
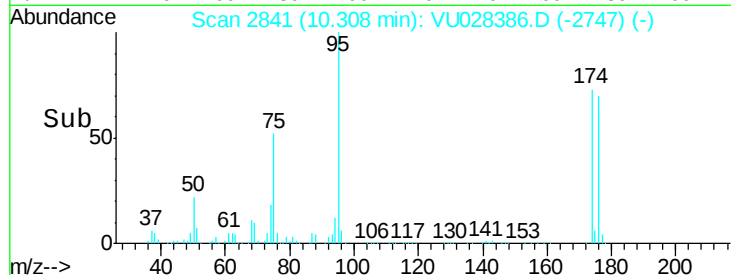
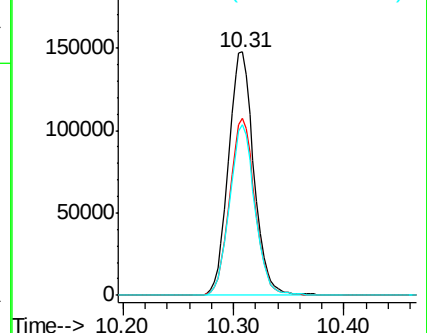
176 69.7 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028386.D

Acq: 29 Nov 2018 12:18

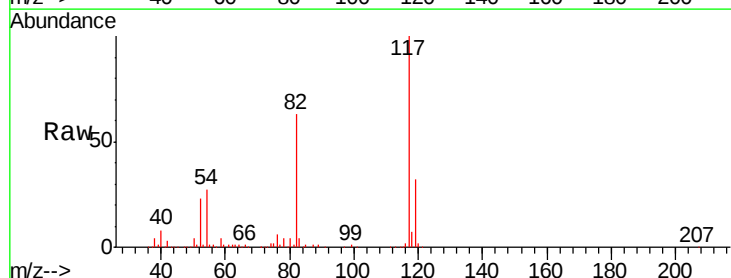
Tgt Ion: 117 Resp: 459474

Ion Ratio Lower Upper

117 100

82 63.3 50.3 75.5

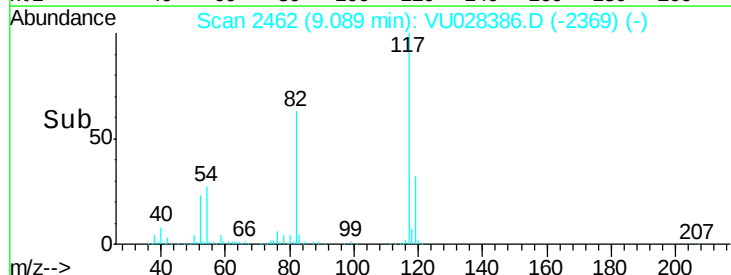
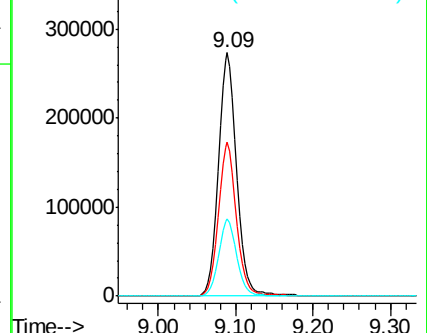
119 31.8 24.8 37.2

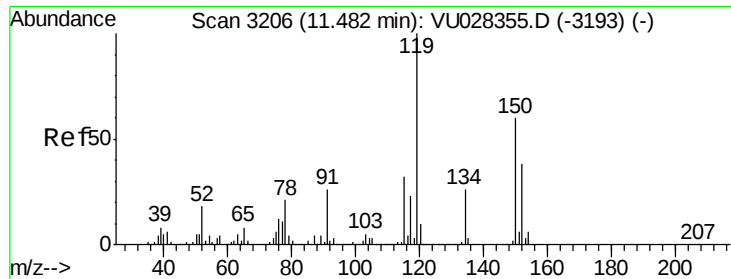


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028386.D

Acq: 29 Nov 2018 12:18

Instrument :

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PB115150TB

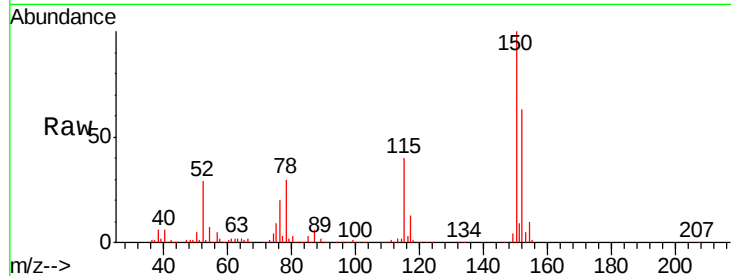
Tgt Ion:152 Resp: 209772

Ion Ratio Lower Upper

152 100

115 63.5 45.0 134.8

150 158.8 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

