

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025354.D
 Acq On : 12 Jul 2018 21:10
 Operator : MD/SY
 Sample : PB111044ZHE#09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#09

Quant Time: Jul 13 03:20:05 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

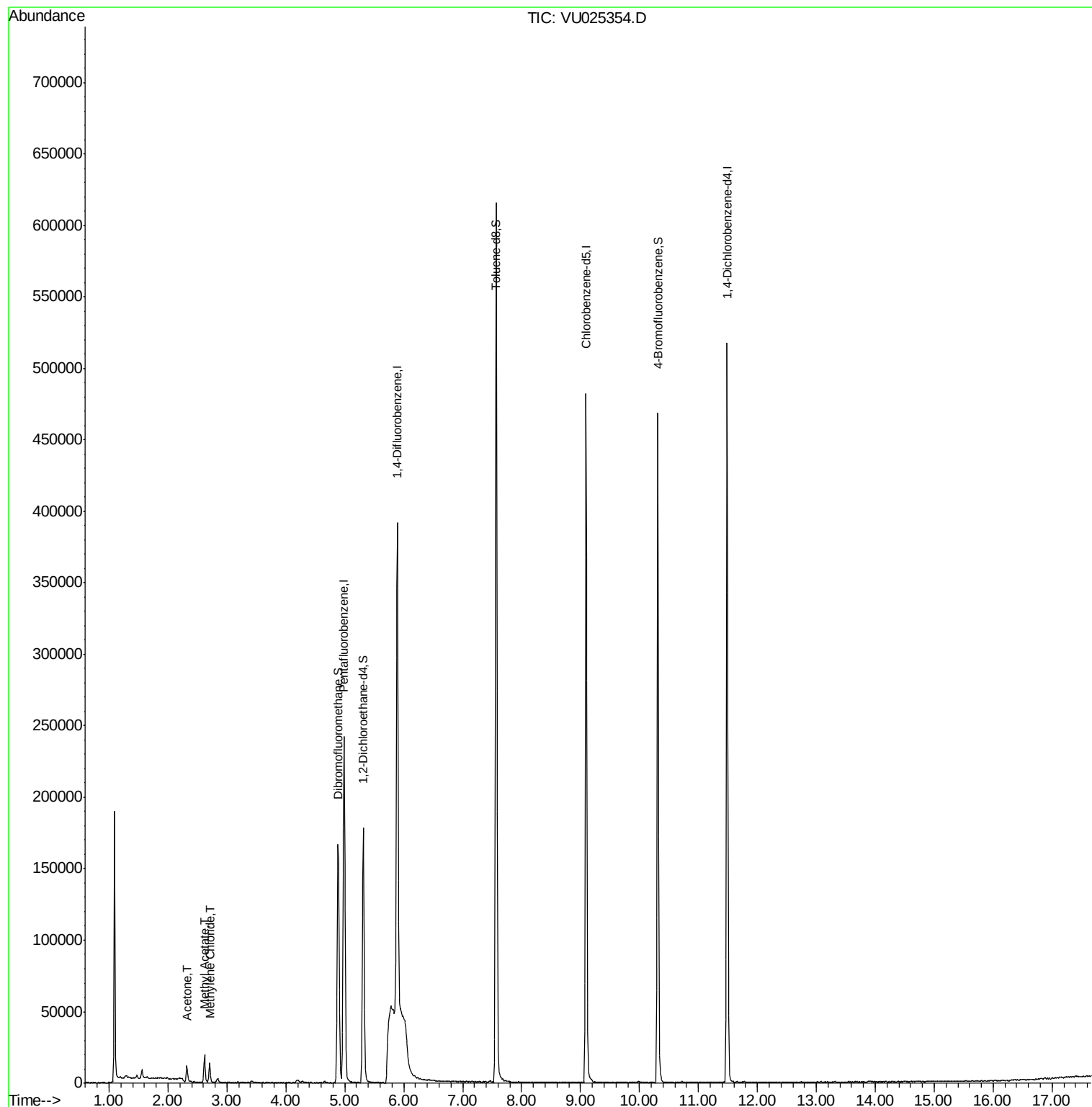
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	292466	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	267380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	138355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145551	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	4.89	113	113453	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
50) Toluene-d8	7.57	98	410856	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.31	95	152210	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
Target Compounds						
16) Acetone	2.32	43	11934	12.691	ug/l	95
18) Methyl Acetate	2.62	43	23025	7.673	ug/l	95
20) Methylene Chloride	2.71	84	5739	3.188	ug/l	97

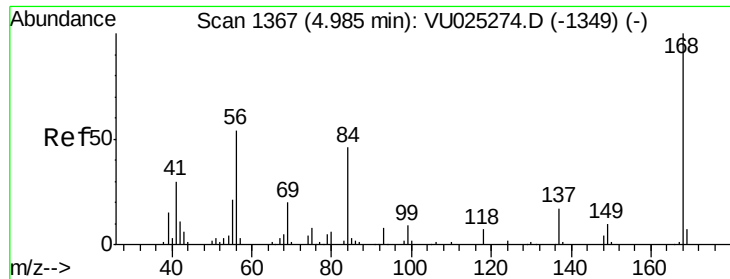
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VU025354.D

Acq: 12 Jul 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

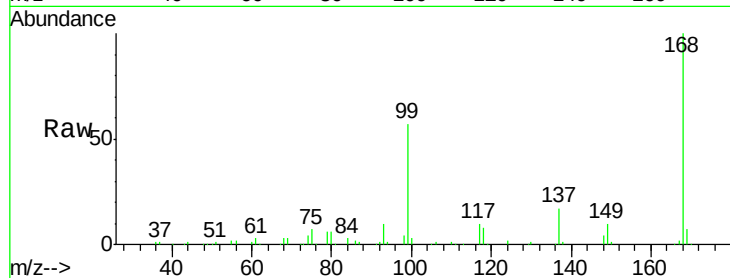
PB111044ZHE#09

Tot Ion:168 Resp: 188653

Ion Ratio Lower Upper

168 100

99 56.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

80000

60000

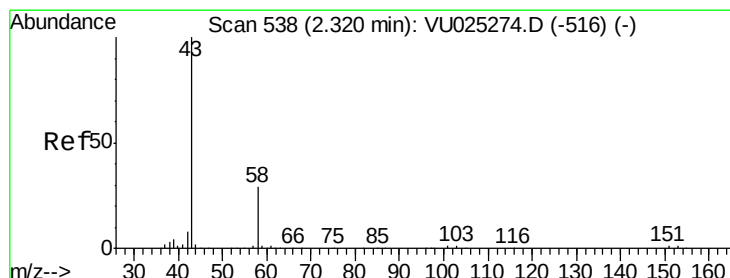
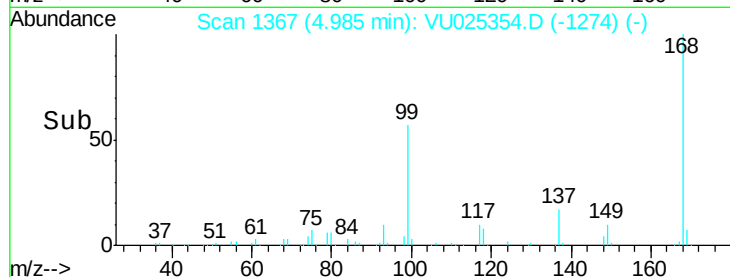
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 12.691 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025354.D

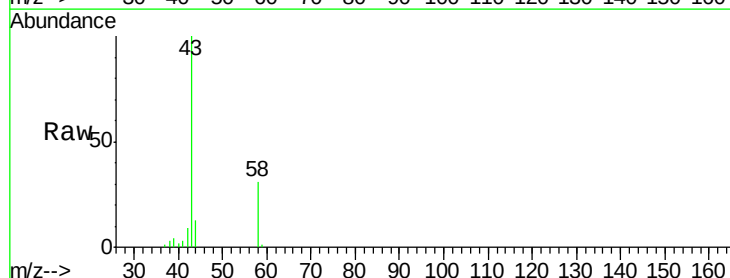
Acq: 12 Jul 2018 21:10

Tgt Ion: 43 Resp: 11934

Ion Ratio Lower Upper

43 100

58 31.7 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VU025274.D (-516) (-)

2.32

8000

6000

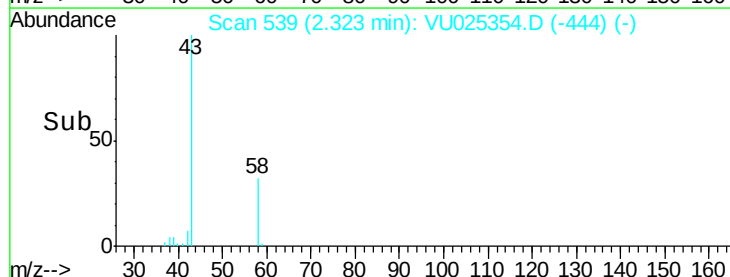
4000

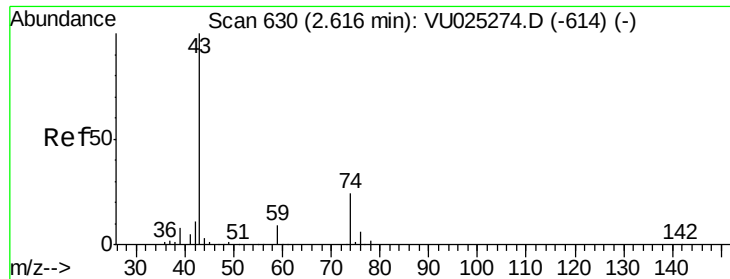
2000

0

2.25 2.30 2.35 2.40

Time-->

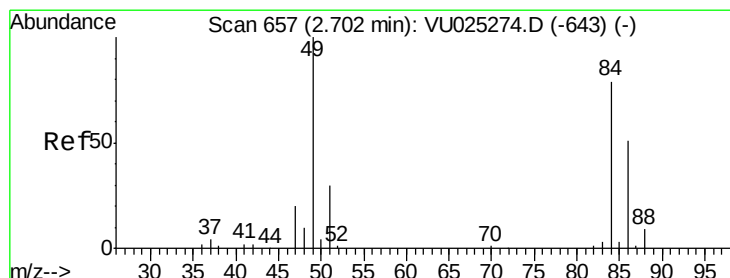
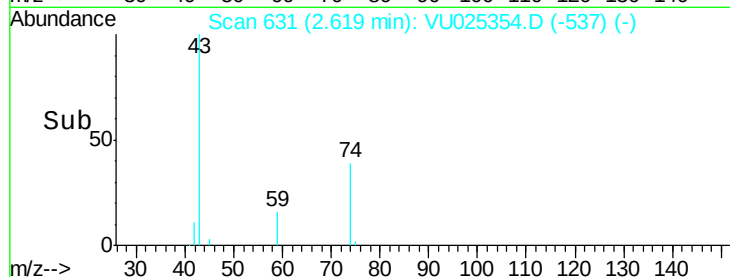
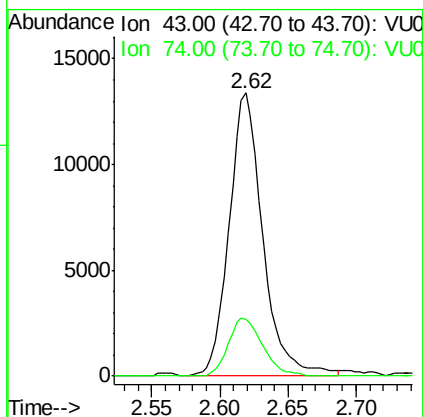
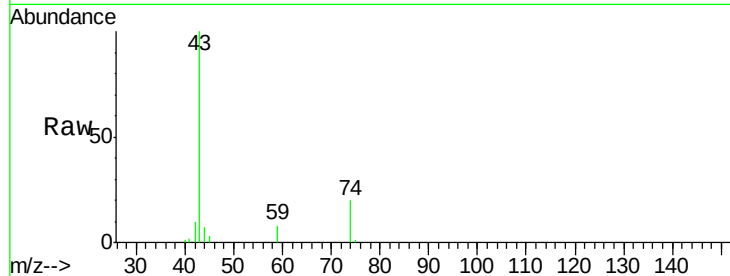




#18
Methyl Acetate
Concen: 7.673 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025354.D
Acq: 12 Jul 2018 21:10

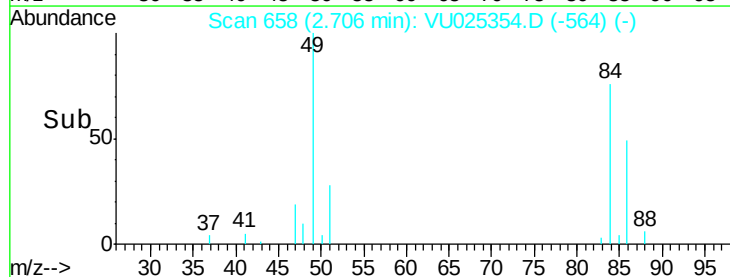
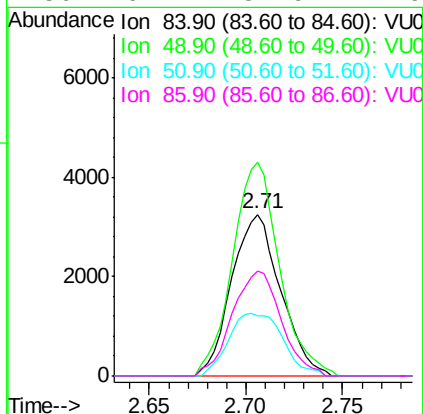
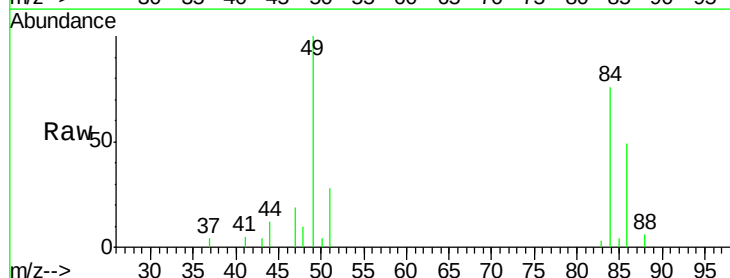
Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#09

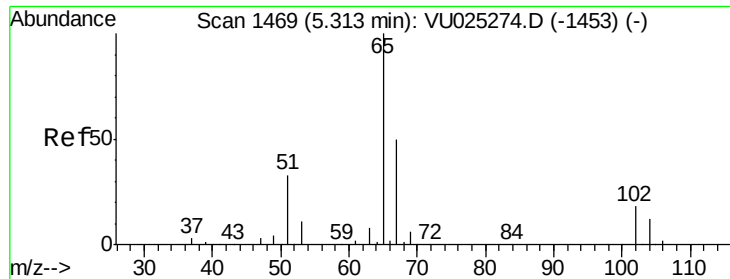
Tot Ion: 43 Resp: 23025
Ion Ratio Lower Upper
43 100
74 20.8 18.5 27.7



#20
Methylene Chloride
Concen: 3.188 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025354.D
Acq: 12 Jul 2018 21:10

Tgt Ion: 84 Resp: 5739
Ion Ratio Lower Upper
84 100
49 132.1 101.8 152.6
51 37.1 30.8 46.2
86 64.7 51.9 77.9

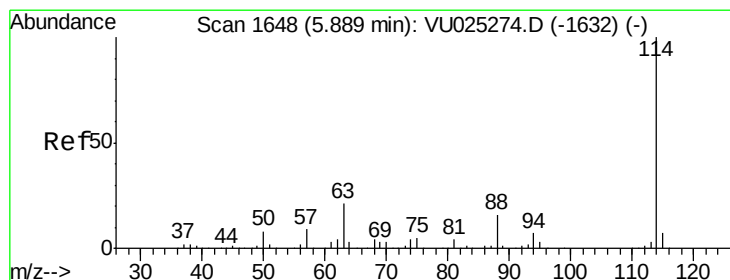
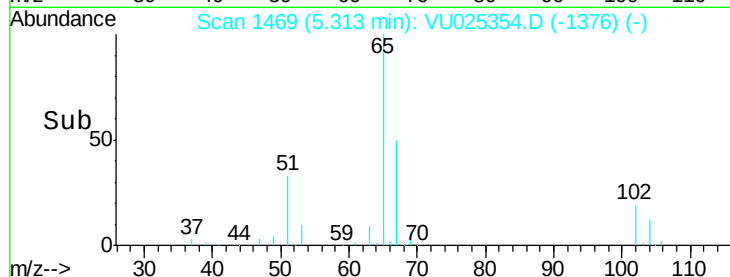
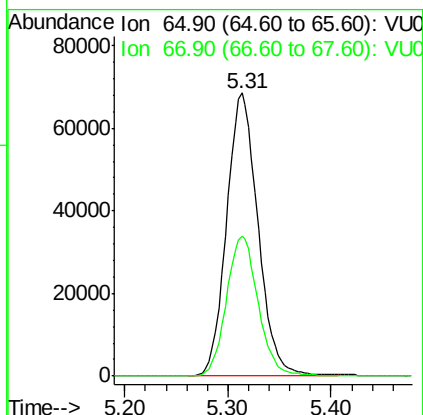
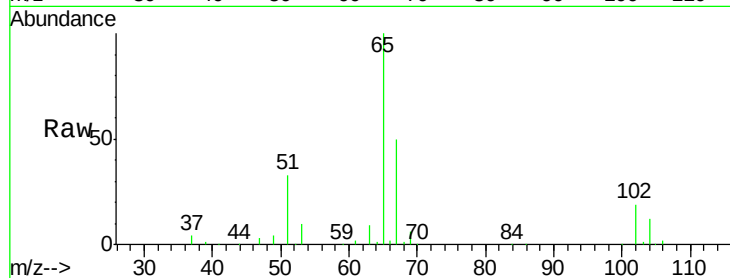




#33
 1,2-Dichloroethane-d4
 Concen: 49.660 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025354.D
 Acq: 12 Jul 2018 21:10

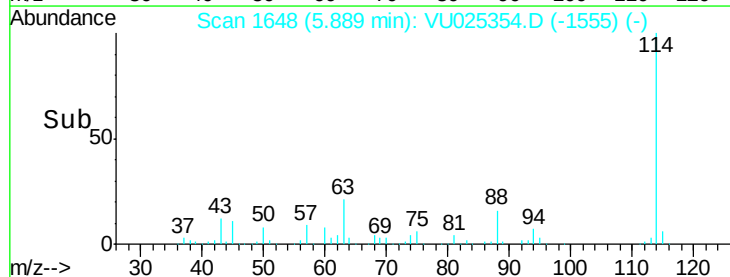
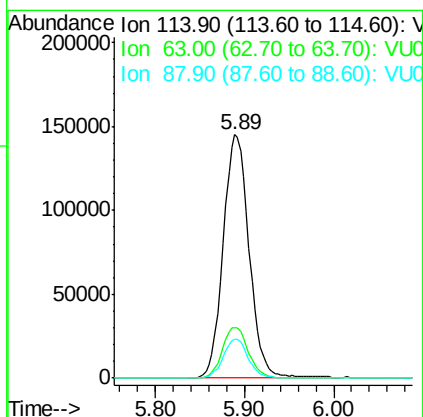
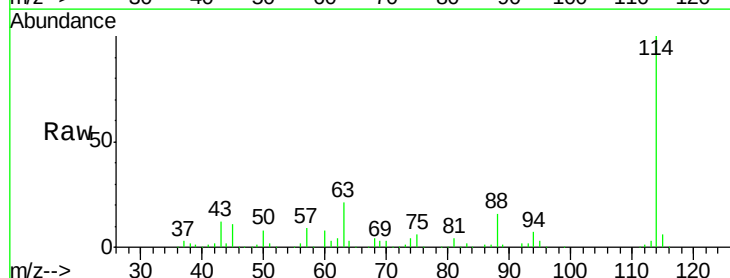
Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#09

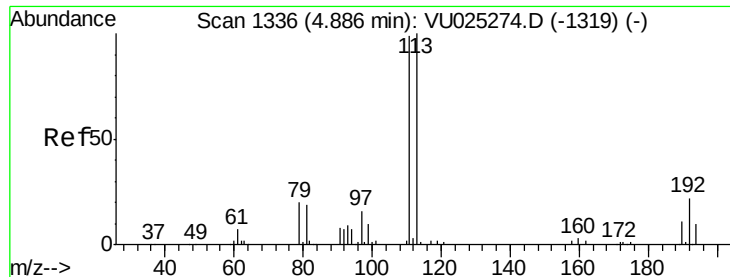
Tot Ion: 65 Resp: 145551
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025354.D
 Acq: 12 Jul 2018 21:10

Tgt Ion: 114 Resp: 292466
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.6
 88 15.9 0.0 32.4

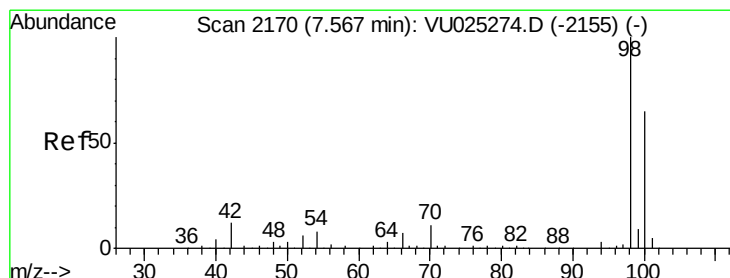
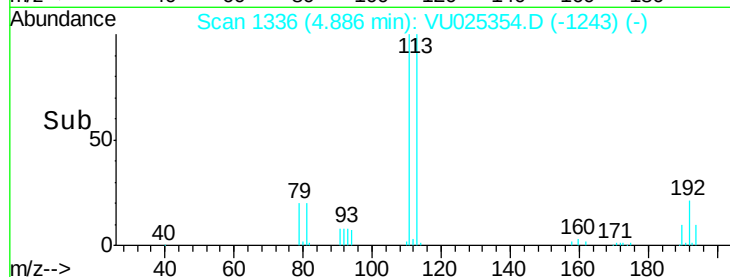
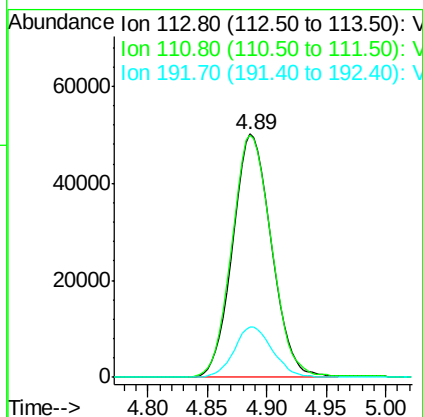
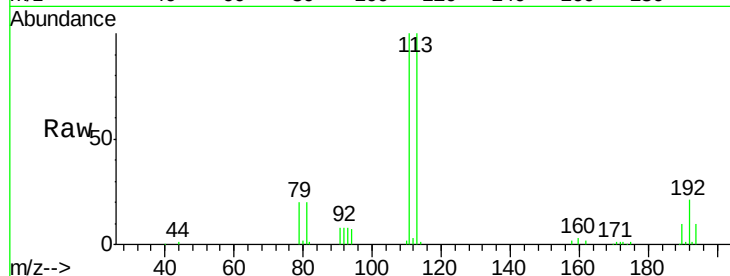




#35
 Dibromofluoromethane
 Concen: 45.984 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025354.D
 Acq: 12 Jul 2018 21:10

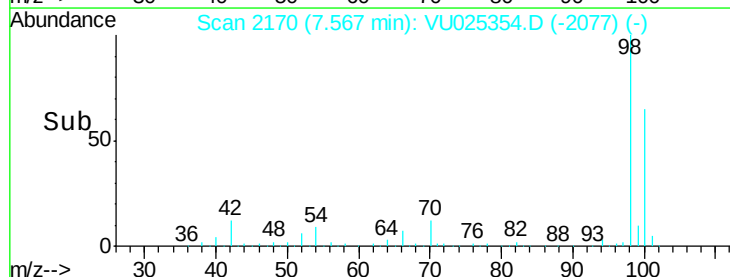
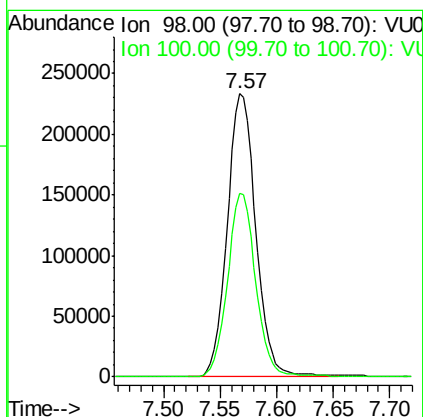
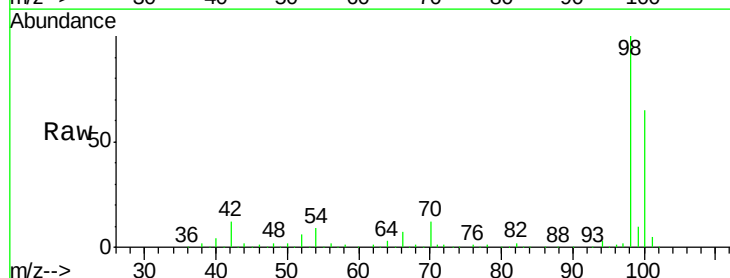
Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#09

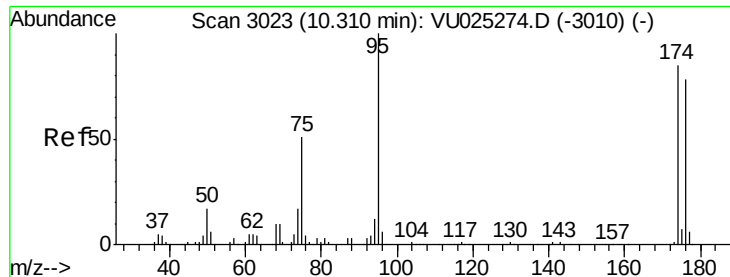
Tot Ion:113 Resp: 113453
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 20.6 17.1 25.7



#50
 Toluene-d8
 Concen: 48.630 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025354.D
 Acq: 12 Jul 2018 21:10

Tgt Ion: 98 Resp: 410856
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 44.749 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025354.D

Acq: 12 Jul 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

PB111044ZHE#09

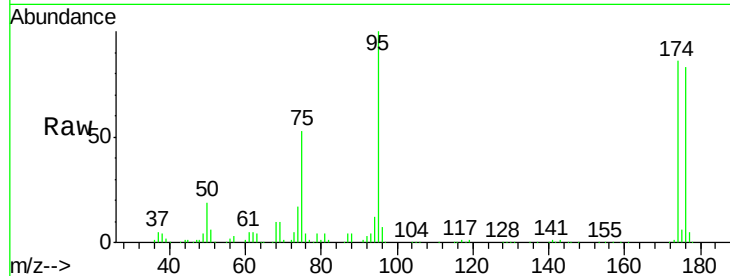
Tot Ion: 95 Resp: 152210

Ion Ratio Lower Upper

95 100

174 85.3 0.0 172.2

176 83.2 0.0 162.6



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

120000

100000

80000

60000

40000

20000

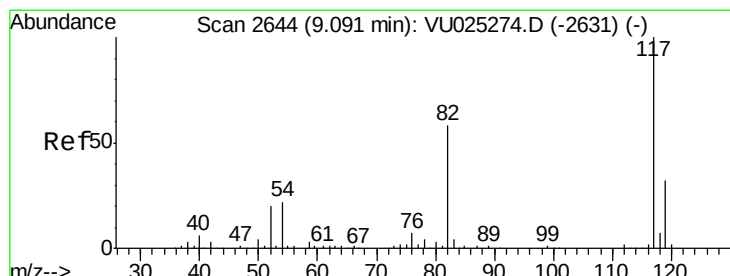
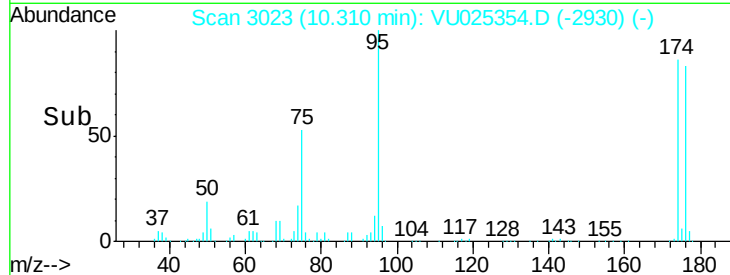
0

10.31

10.30

10.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025354.D

Acq: 12 Jul 2018 21:10

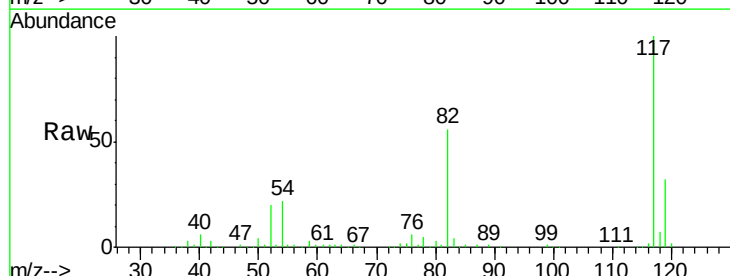
Tgt Ion: 117 Resp: 267380

Ion Ratio Lower Upper

117 100

82 55.8 46.0 69.0

119 32.3 26.0 39.0



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

200000

150000

100000

50000

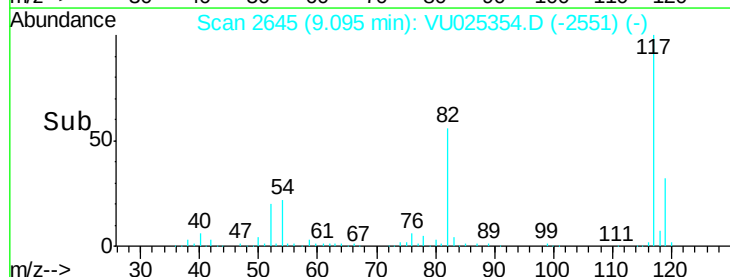
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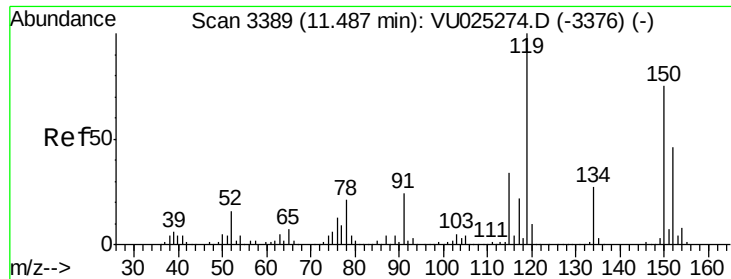
9.09

9.10

9.20

Time-->

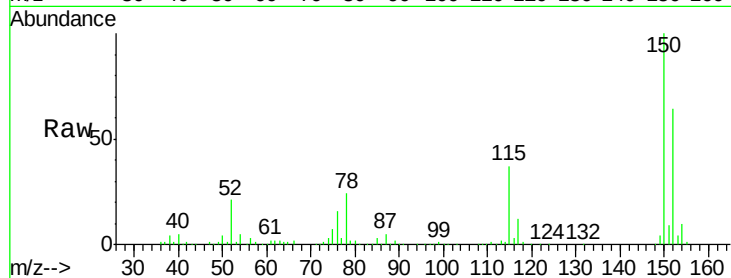




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU025354.D
 Acq: 12 Jul 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#09

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	40.1	120.3
150	156.9	0.0	351.4



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

