

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025351.D
 Acq On : 12 Jul 2018 19:58
 Operator : MD/SY
 Sample : PB111044ZHE#06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#06

Quant Time: Jul 13 02:35:30 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

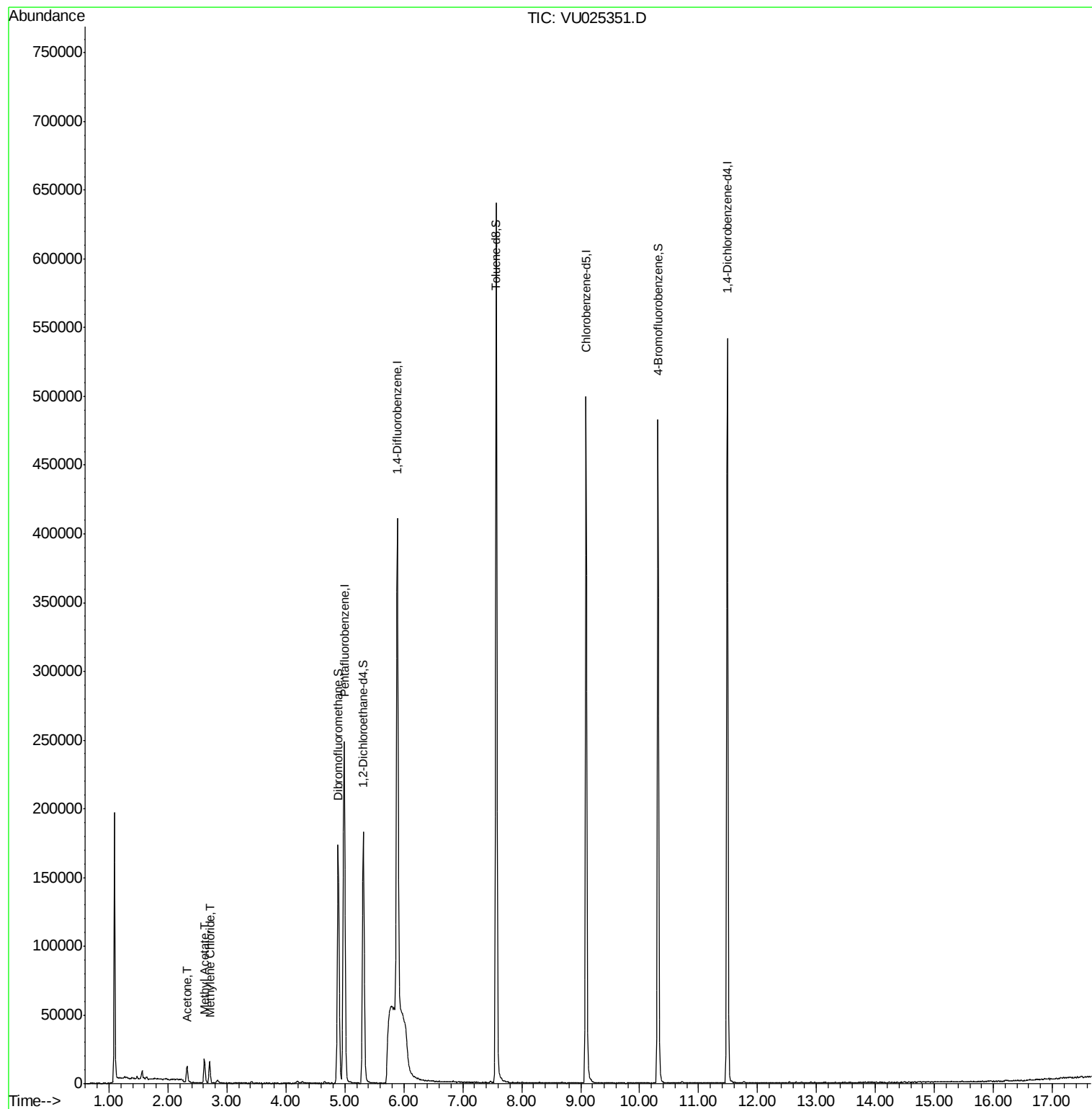
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	302267	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	149681	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	4.89	113	115377	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
50) Toluene-d8	7.57	98	428276	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	10.31	95	159165	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
Target Compounds						
16) Acetone	2.32	43	13215	13.338	ug/l	99
18) Methyl Acetate	2.62	43	20865	6.798	ug/l	97
20) Methylene Chloride	2.70	84	6984	3.662	ug/l	95

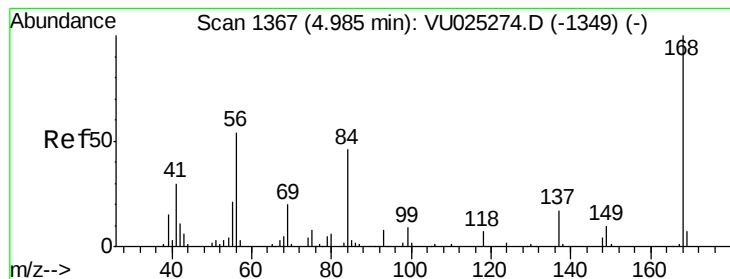
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025351.D

Acq: 12 Jul 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

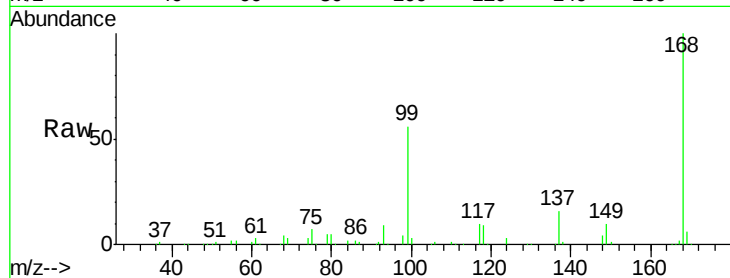
PB111044ZHE#06

Tot Ion:168 Resp: 192951

Ion Ratio Lower Upper

168 100

99 55.7 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

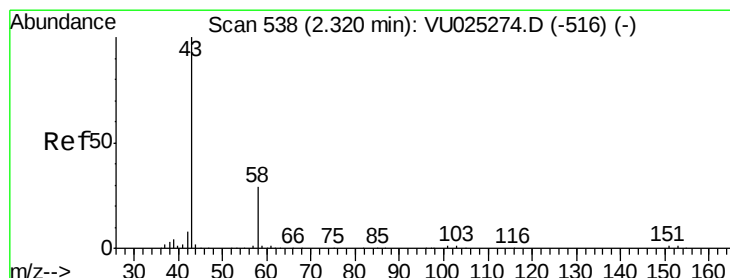
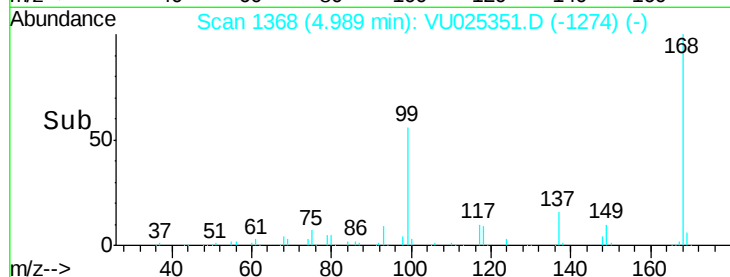
40000

20000

0

Time-->

4.90 4.95 5.00 5.05 5.10



#16

Acetone

Concen: 13.338 ug/l

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025351.D

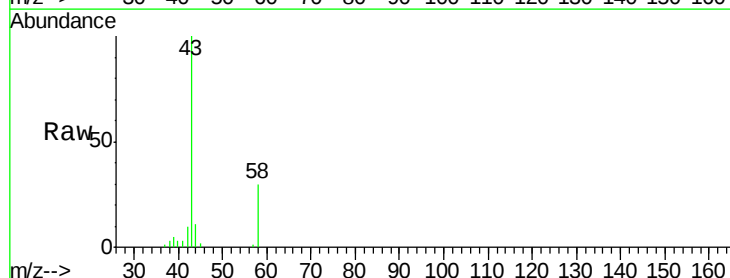
Acq: 12 Jul 2018 19:58

Tgt Ion: 43 Resp: 13215

Ion Ratio Lower Upper

43 100

58 29.6 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

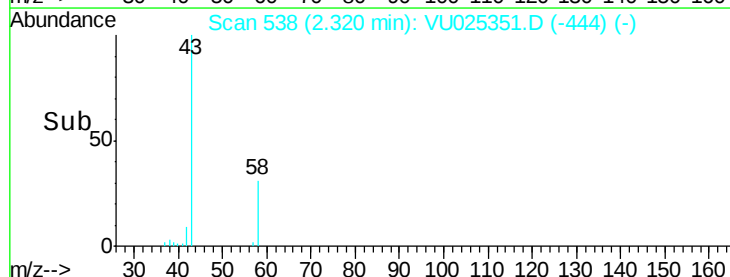
4000

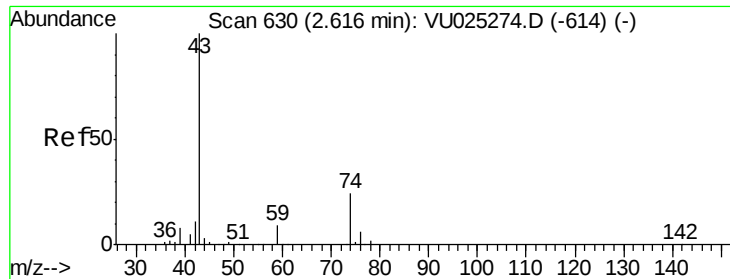
2000

0

Time-->

2.25 2.30 2.35 2.40

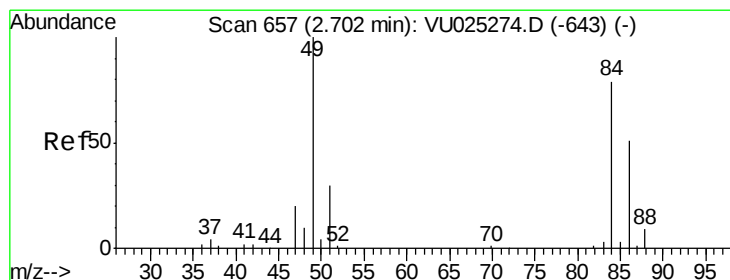
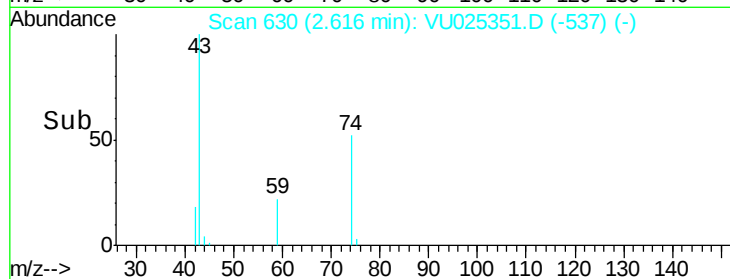
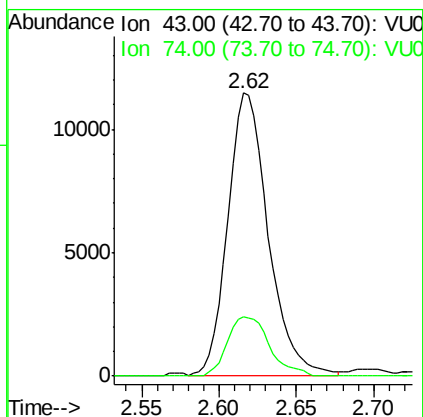
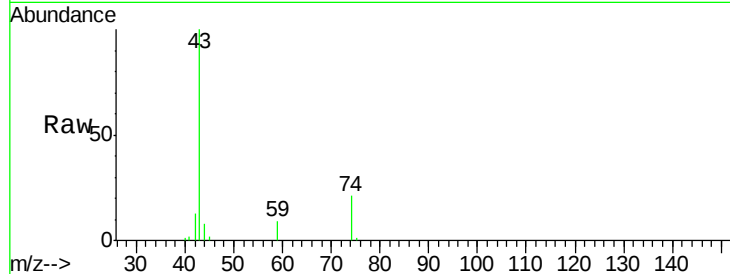




#18
Methvl Acetate
Concen: 6.798 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025351.D
Acq: 12 Jul 2018 19:58

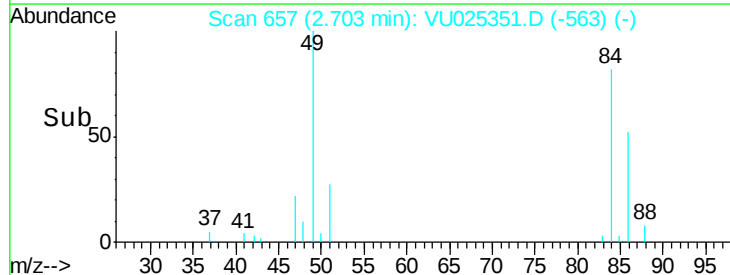
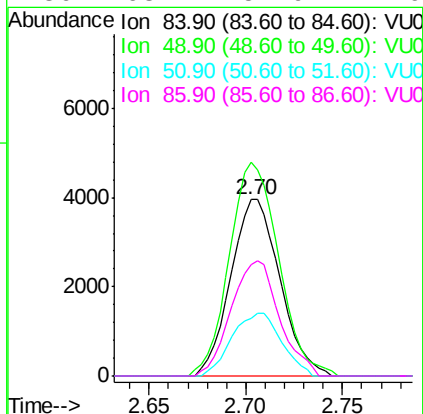
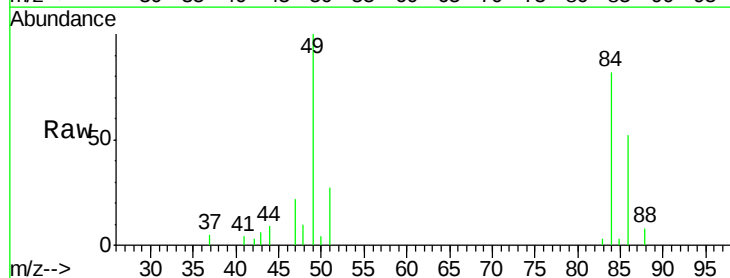
Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#06

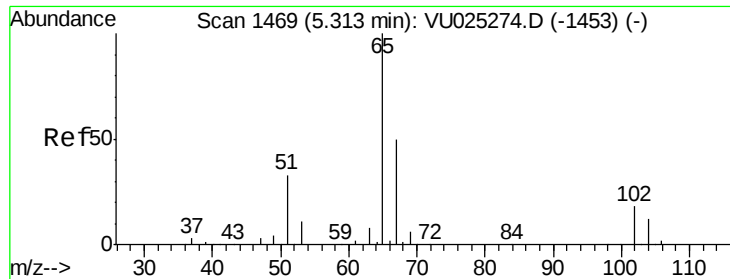
Tot Ion: 43 Resp: 20865
Ion Ratio Lower Upper
43 100
74 21.7 18.5 27.7



#20
Methylene Chloride
Concen: 3.662 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025351.D
Acq: 12 Jul 2018 19:58

Tgt Ion: 84 Resp: 6984
Ion Ratio Lower Upper
84 100
49 121.3 101.8 152.6
51 32.9 30.8 46.2
86 63.2 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 49.931 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025351.D

Acq: 12 Jul 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

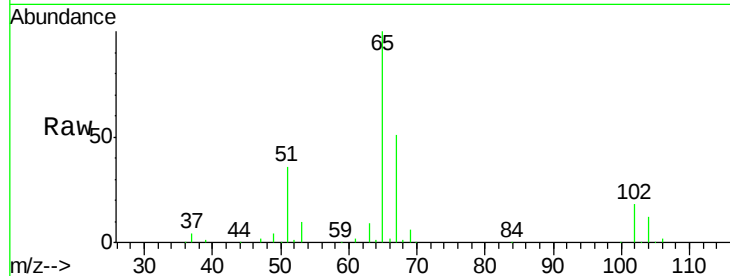
PB111044ZHE#06

Tot Ion: 65 Resp: 149681

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

Ion 66.90 (66.60 to 67.60): VU025274.D (-1453) (-)

5.31

60000

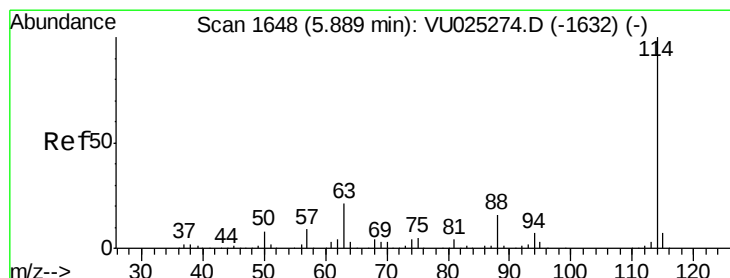
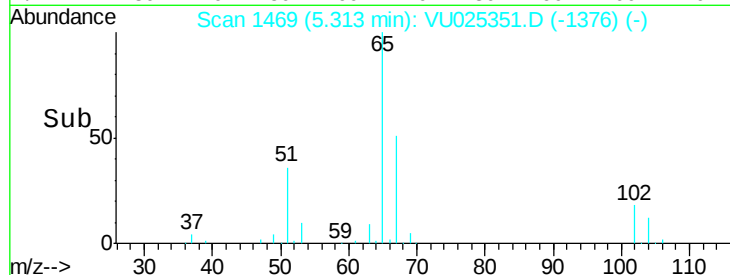
40000

20000

0

Time-->

5.20 5.25 5.30 5.35 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025351.D

Acq: 12 Jul 2018 19:58

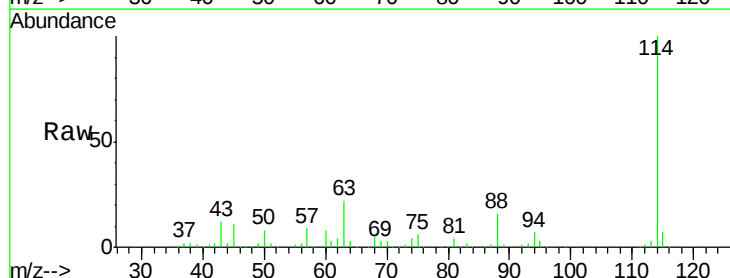
Tgt Ion: 114 Resp: 302267

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.6

88 16.1 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): VU025274.D (-1632) (-)

Ion 63.00 (62.70 to 63.70): VU025274.D (-1632) (-)

Ion 87.90 (87.60 to 88.60): VU025274.D (-1632) (-)

5.89

200000

150000

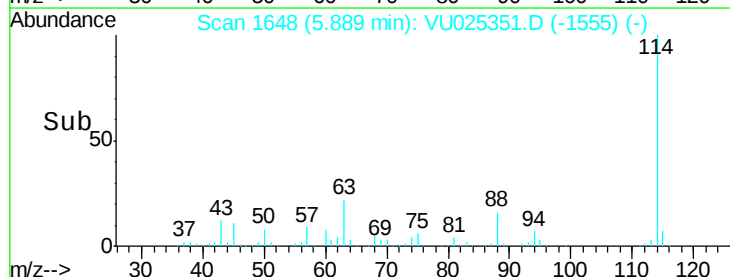
100000

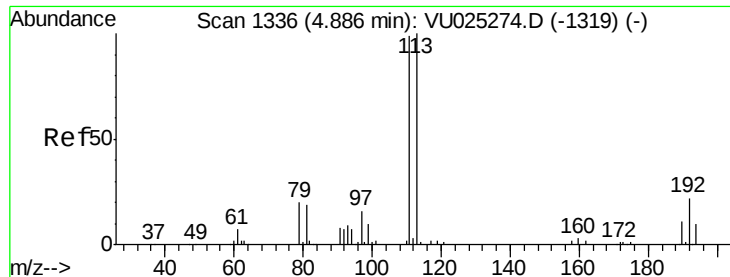
50000

0

Time-->

5.80 5.90 6.00

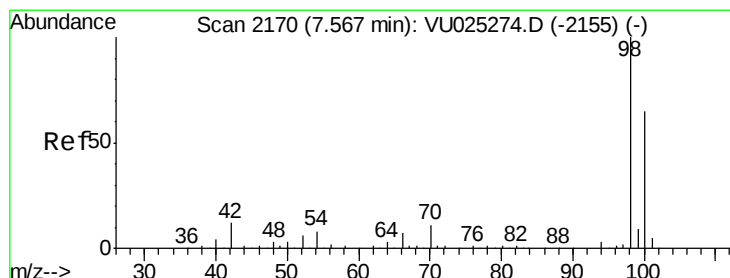
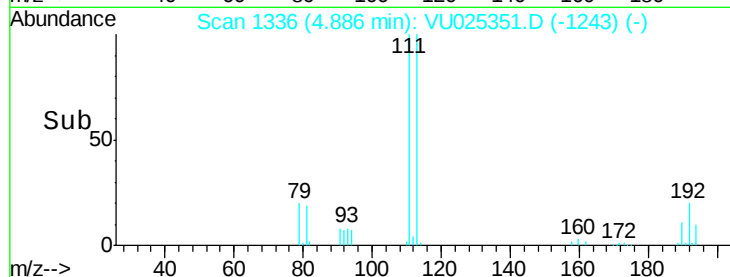
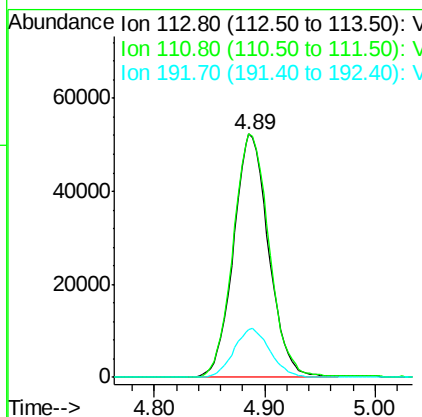
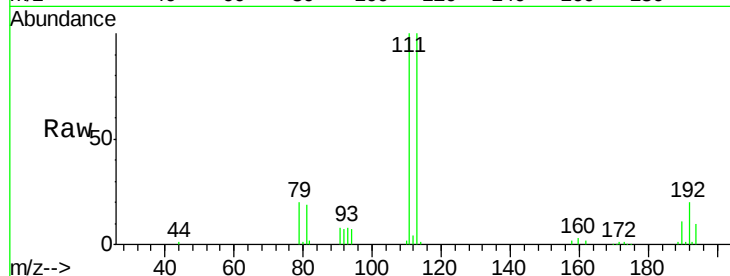




#35
 Dibromofluoromethane
 Concen: 45.248 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025351.D
 Acq: 12 Jul 2018 19:58

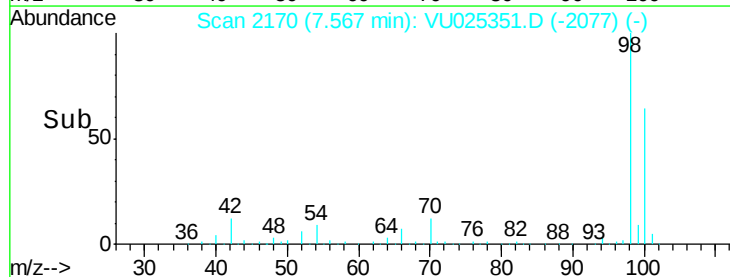
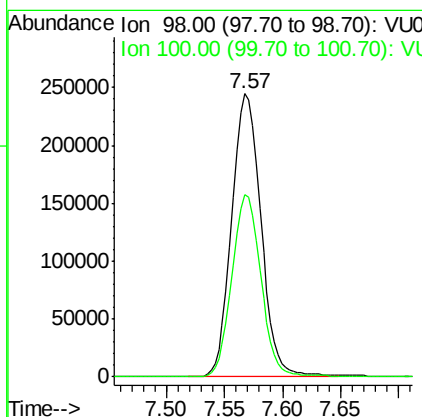
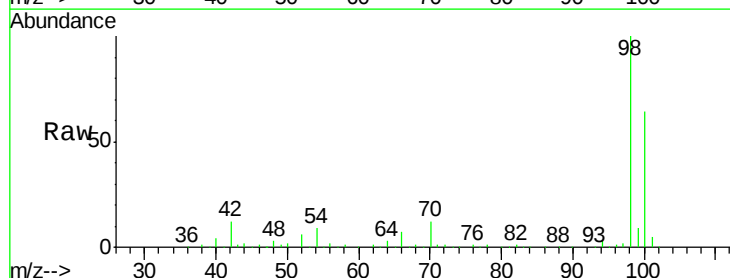
Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#06

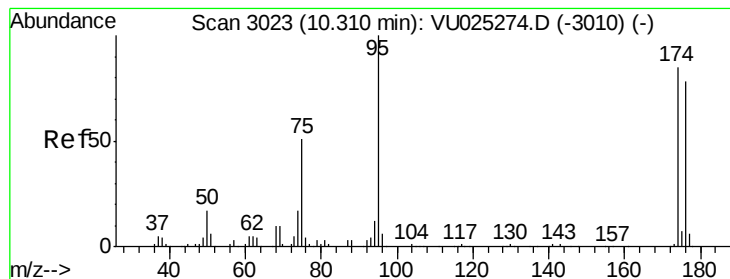
Tot Ion:113 Resp: 115377
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.7 122.5
 192 20.7 17.1 25.7



#50
 Toluene-d8
 Concen: 49.048 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025351.D
 Acq: 12 Jul 2018 19:58

Tgt Ion: 98 Resp: 428276
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 45.276 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025351.D

Acq: 12 Jul 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

PB111044ZHE#06

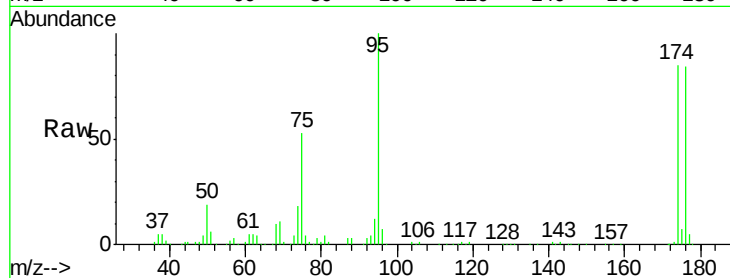
Tot Ion: 95 Resp: 159165

Ion Ratio Lower Upper

95 100

174 84.5 0.0 172.2

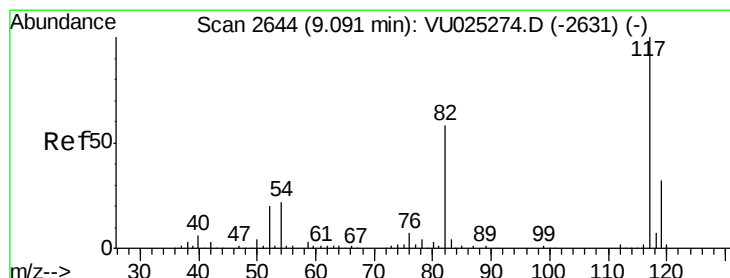
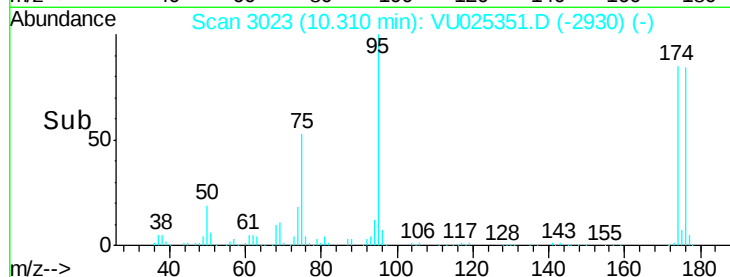
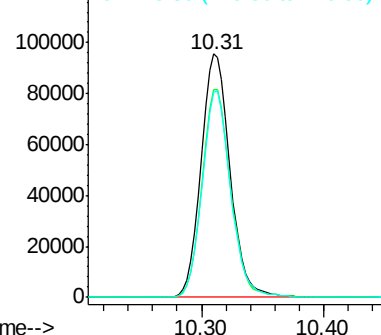
176 83.5 0.0 162.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025351.D

Acq: 12 Jul 2018 19:58

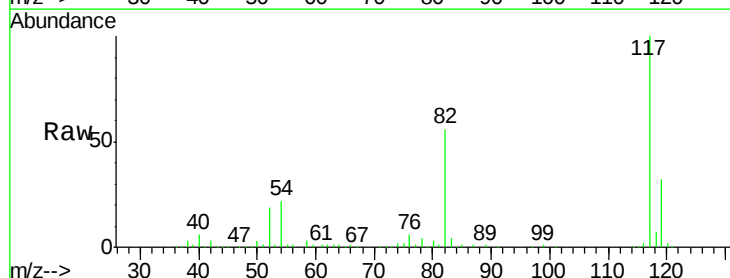
Tgt Ion: 117 Resp: 277103

Ion Ratio Lower Upper

117 100

82 56.1 46.0 69.0

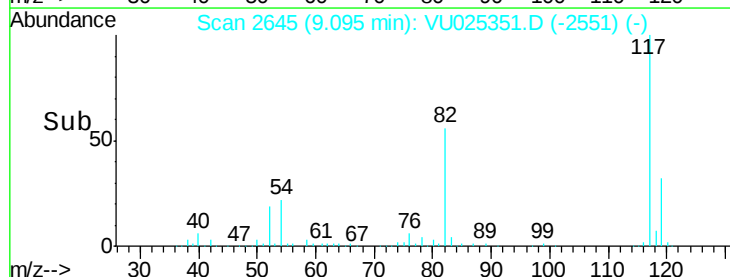
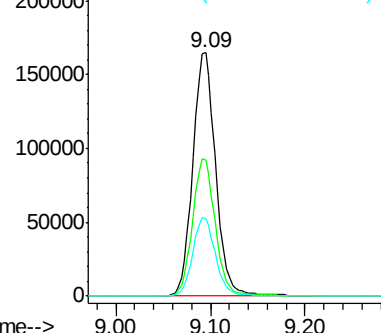
119 31.9 26.0 39.0

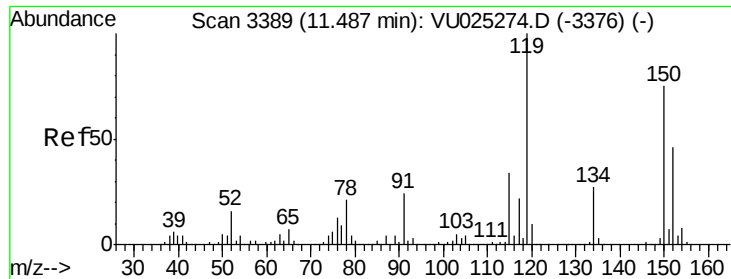


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025351.D

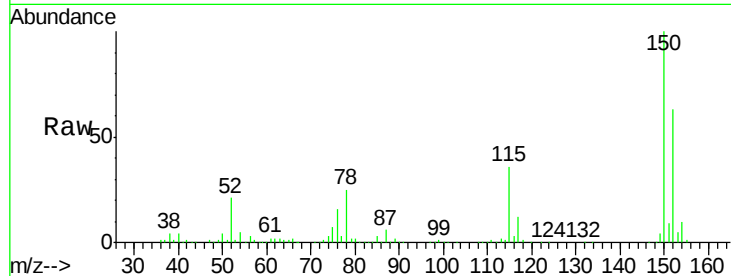
Acq: 12 Jul 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

PB111044ZHE#06



Tot Ion:152 Resp: 145940

Ion Ratio Lower Upper

152 100

115 56.4 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

