

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025348.D
 Acq On : 12 Jul 2018 18:45
 Operator : MD/SY
 Sample : PB111044ZHE#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#03

Quant Time: Jul 13 02:23:23 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

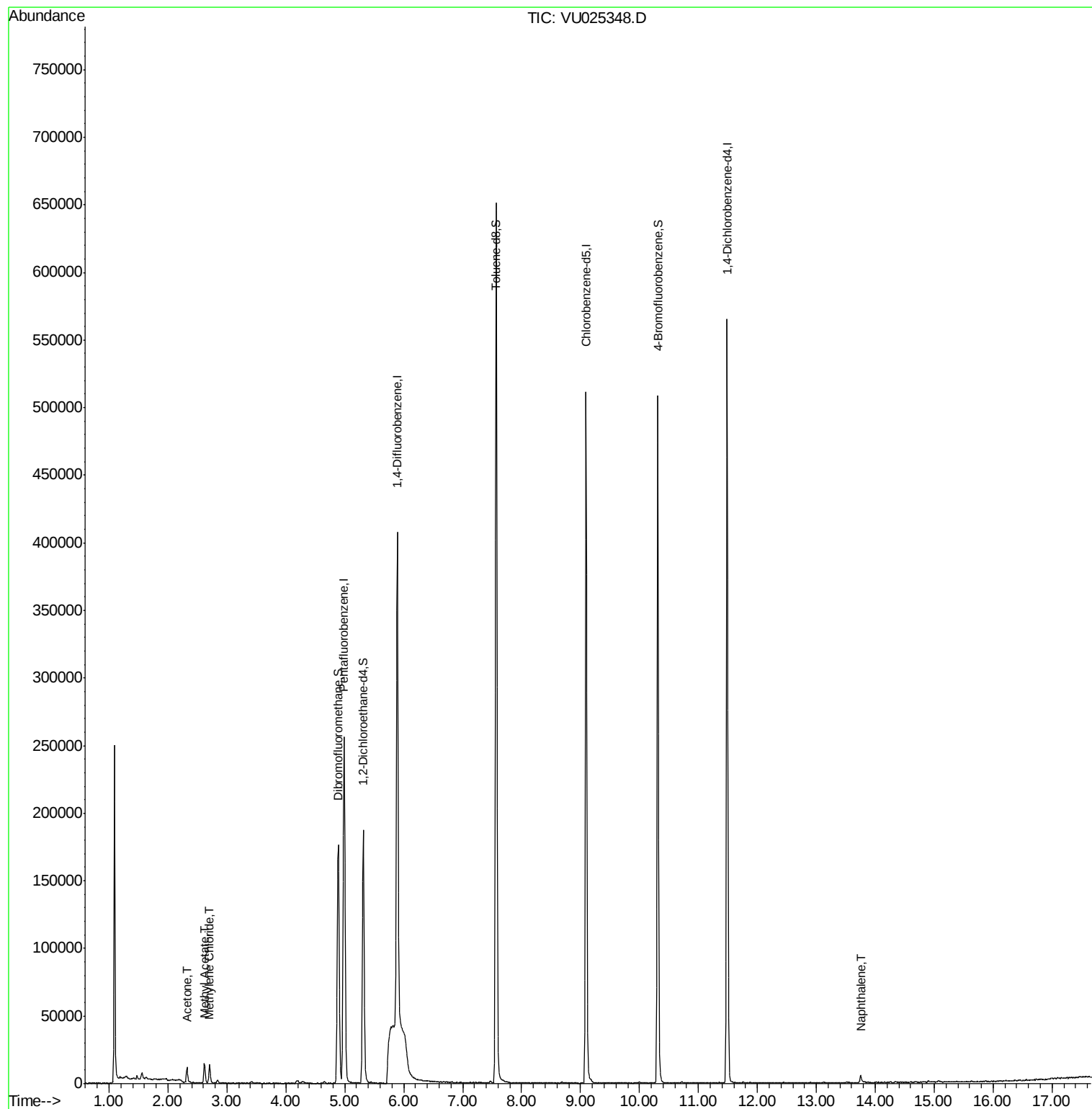
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308438	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152808	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	4.89	113	120279	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
50) Toluene-d8	7.57	98	435258	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	10.31	95	162438	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
Target Compounds						
16) Acetone	2.32	43	13148	12.991	ug/l	97
18) Methyl Acetate	2.62	43	18606	5.843	ug/l	98
20) Methylene Chloride	2.71	84	6060	3.176	ug/l	93
95) Naphthalene	13.75	128	5690	2.902	ug/l #	96

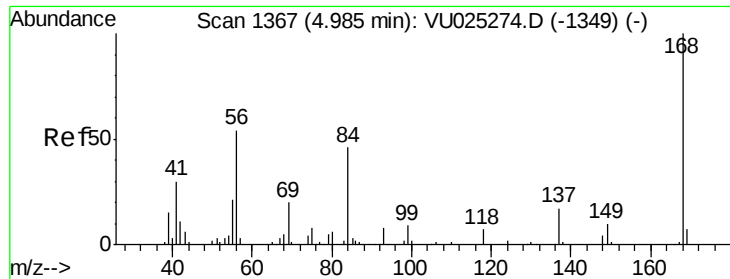
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU025348.D

Acq: 12 Jul 2018 18:45

Instrument :

MSVOA_U

ClientSampleId :

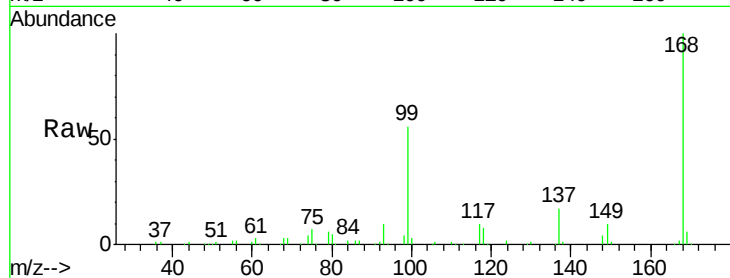
PB111044ZHE#03

Tot Ion:168 Resp: 200181

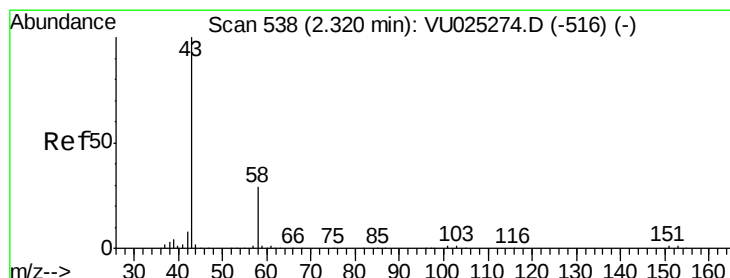
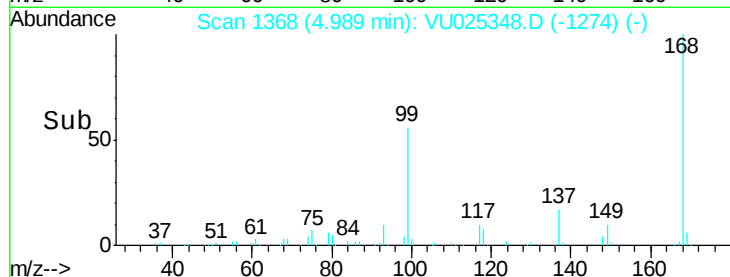
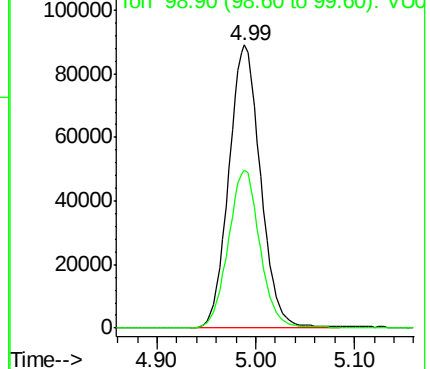
Ion Ratio Lower Upper

168 100

99 55.8 42.8 64.2



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



#16

Acetone

Concen: 12.991 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025348.D

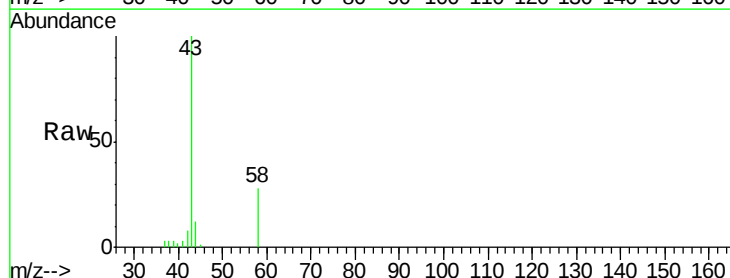
Acq: 12 Jul 2018 18:45

Tgt Ion: 43 Resp: 13148

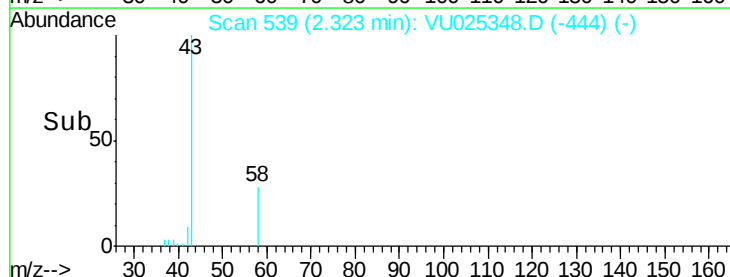
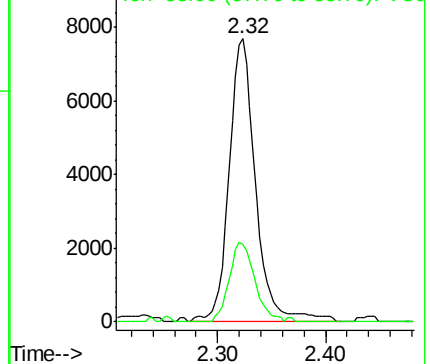
Ion Ratio Lower Upper

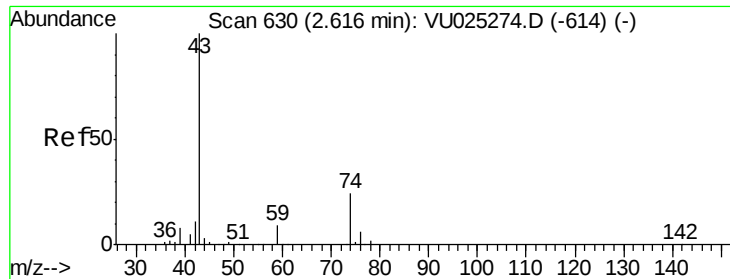
43 100

58 27.5 23.1 34.7



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

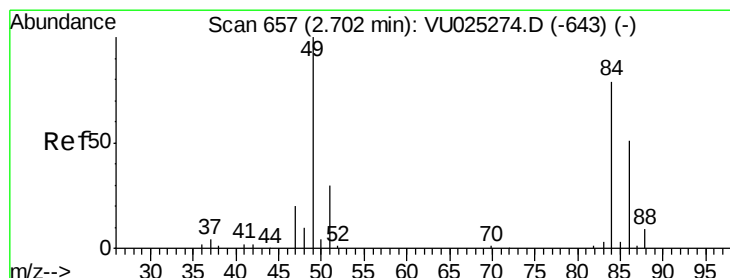
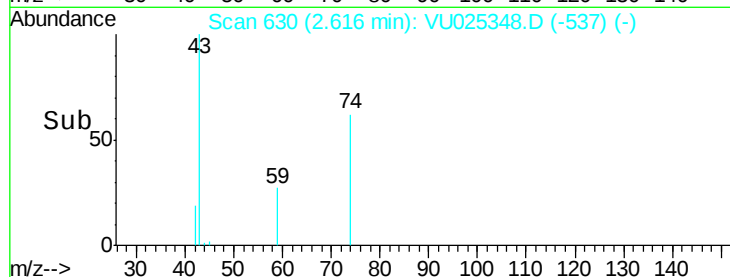
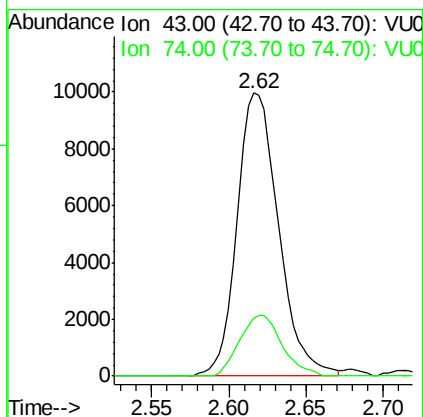
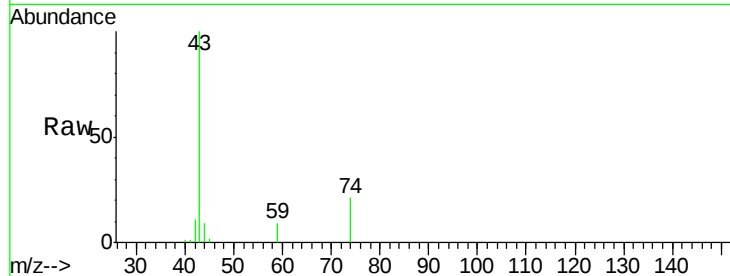




#18
Methyl Acetate
Concen: 5.843 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

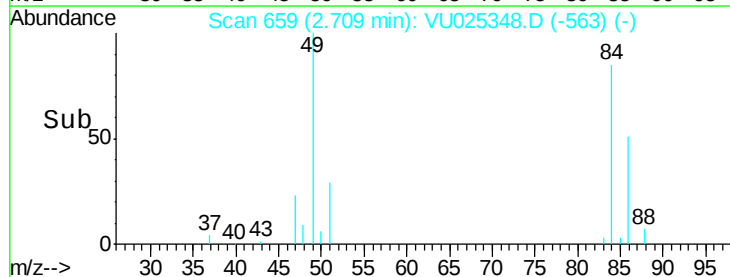
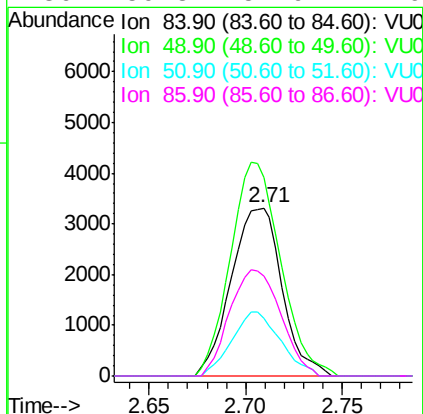
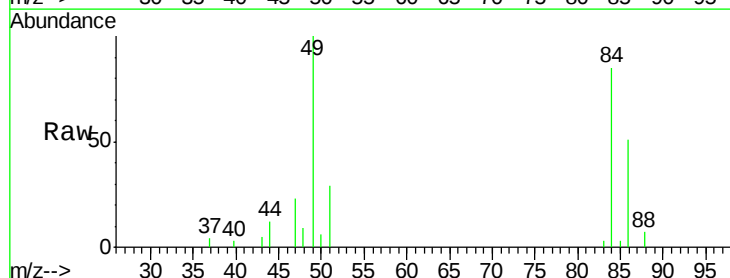
Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

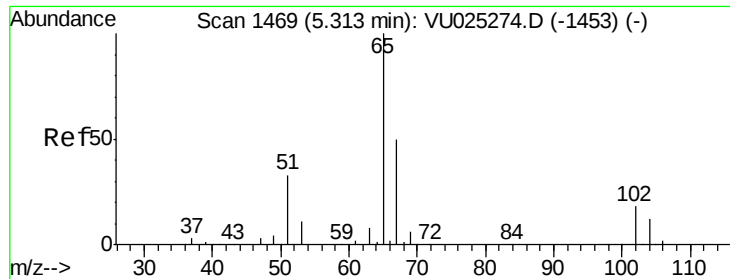
Tot Ion: 43 Resp: 18606
Ion Ratio Lower Upper
43 100
74 21.9 18.5 27.7



#20
Methylene Chloride
Concen: 3.176 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.01 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 84 Resp: 6060
Ion Ratio Lower Upper
84 100
49 117.9 101.8 152.6
51 34.6 30.8 46.2
86 59.8 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 49.133 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025348.D

Acq: 12 Jul 2018 18:45

Instrument :

MSVOA_U

ClientSampleId :

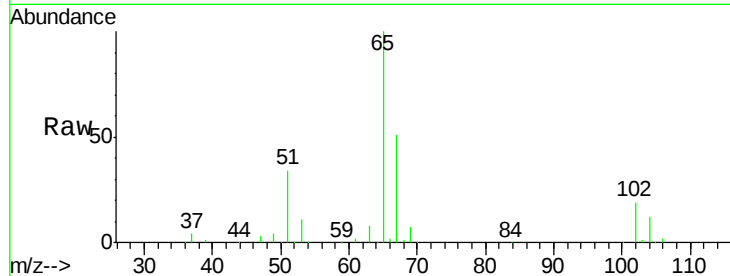
PB111044ZHE#03

Tot Ion: 65 Resp: 152808

Ion Ratio Lower Upper

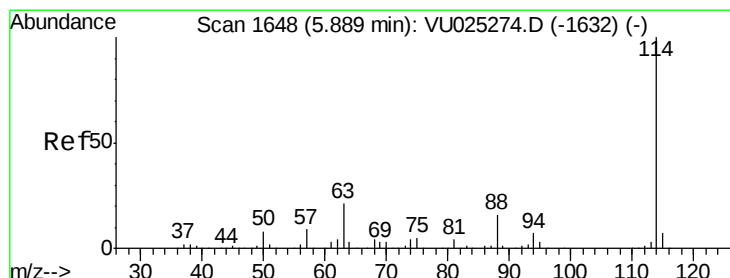
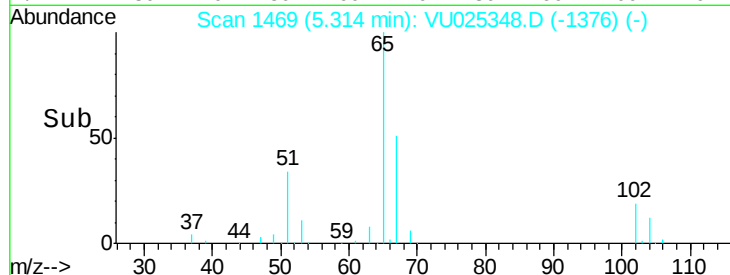
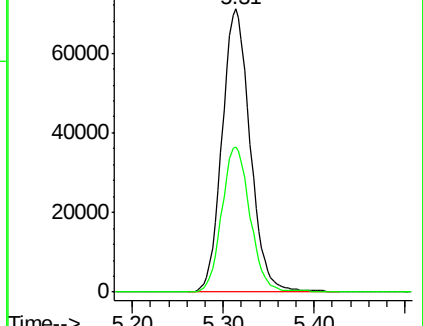
65 100

67 51.6 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) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025348.D

Acq: 12 Jul 2018 18:45

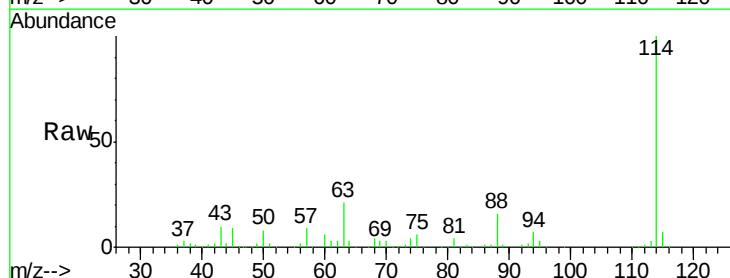
Tgt Ion: 114 Resp: 308438

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.6

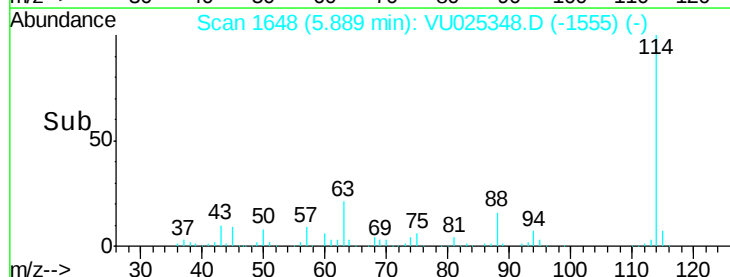
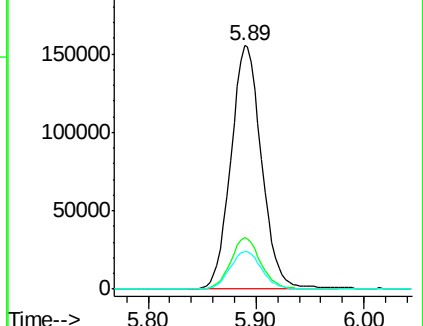
88 15.5 0.0 32.4

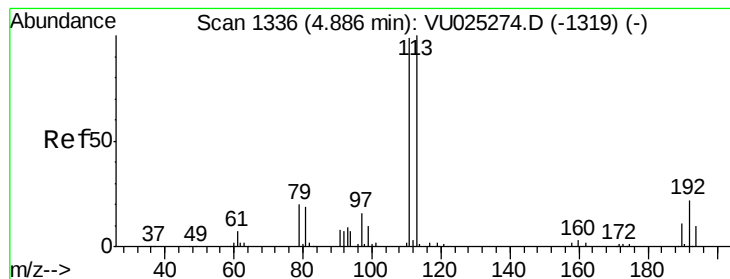


Abundance Ion 113.90 (113.60 to 114.60): VU025274.D (-1632) (-)

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

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





#35

Dibromofluoromethane

Concen: 46.227 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025348.D

Acq: 12 Jul 2018 18:45

Instrument :

MSVOA_U

ClientSampleId :

PB111044ZHE#03

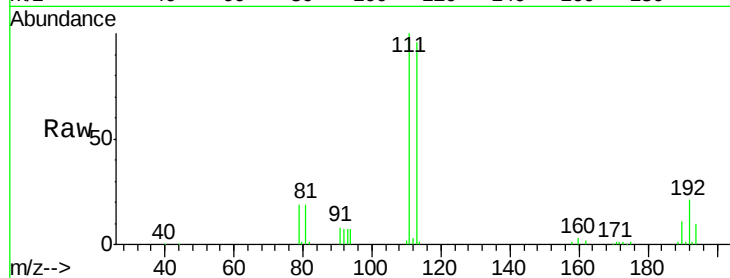
Tot Ion:113 Resp: 120279

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

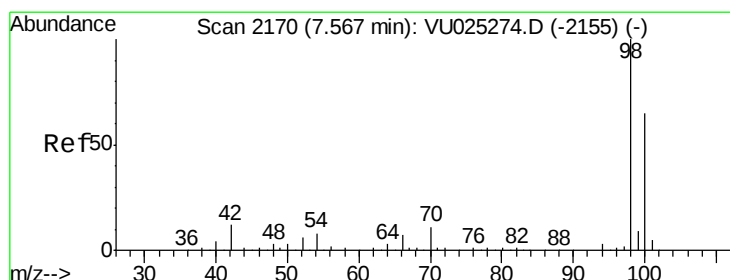
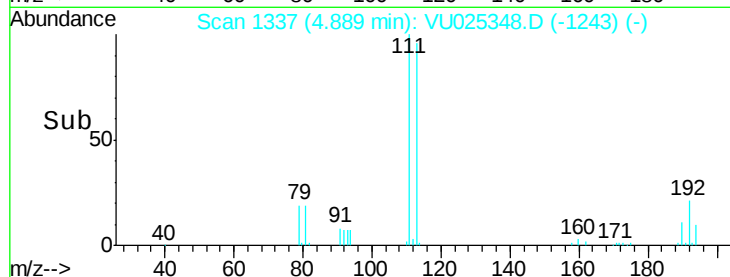
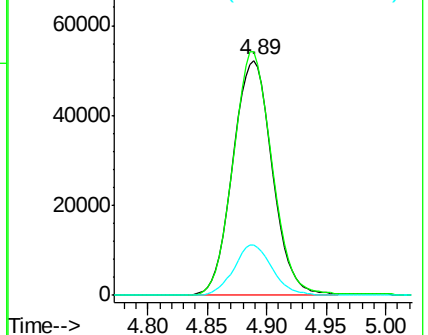
192 20.9 17.1 25.7



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



#50

Toluene-d8

Concen: 48.850 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025348.D

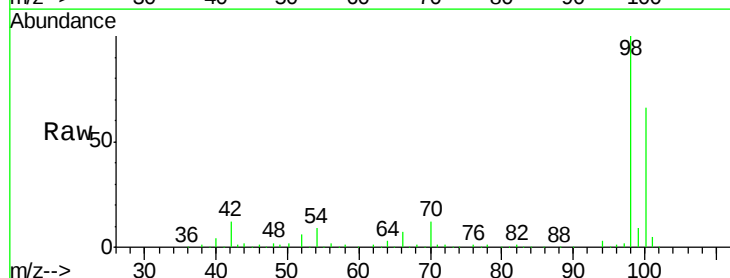
Acq: 12 Jul 2018 18:45

Tgt Ion: 98 Resp: 435258

Ion Ratio Lower Upper

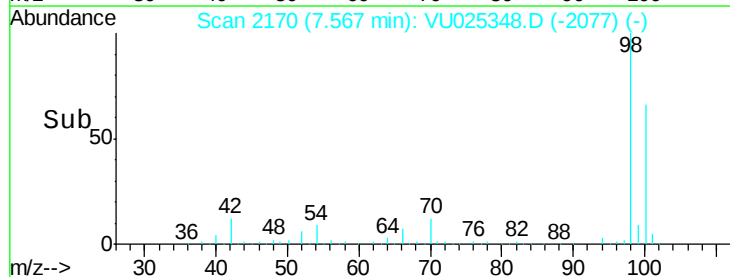
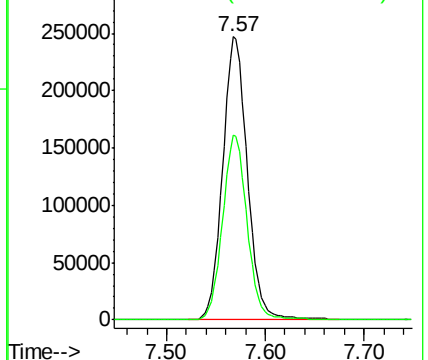
98 100

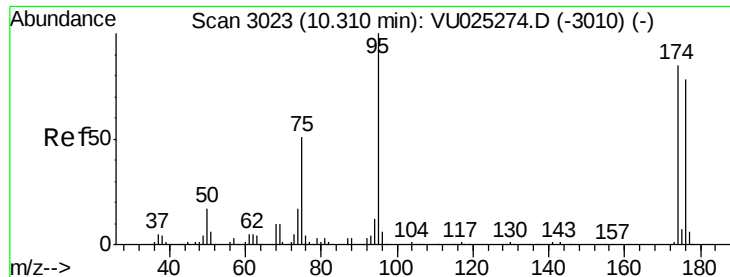
100 64.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.283 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025348.D

Acq: 12 Jul 2018 18:45

Instrument :

MSVOA_U

ClientSampleId :

PB111044ZHE#03

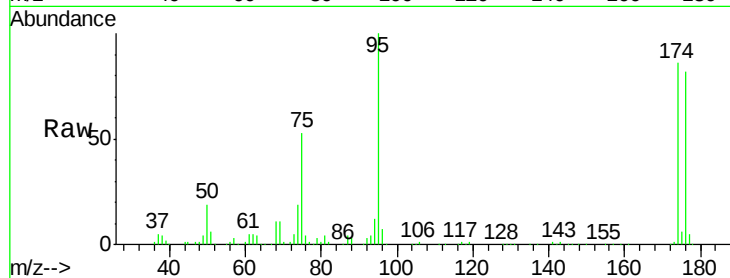
Tot Ion: 95 Resp: 162438

Ion Ratio Lower Upper

95 100

174 85.6 0.0 172.2

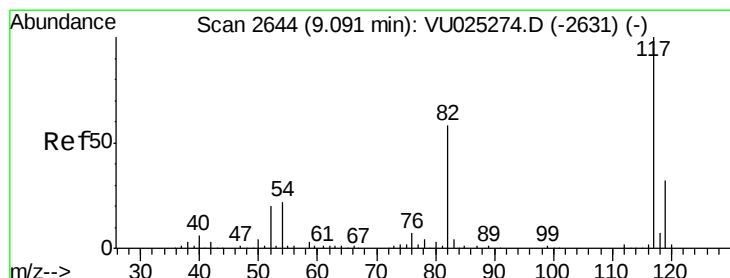
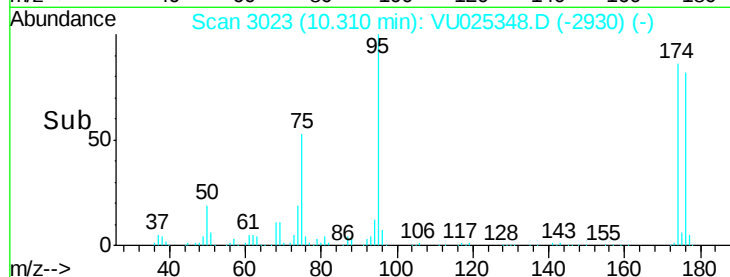
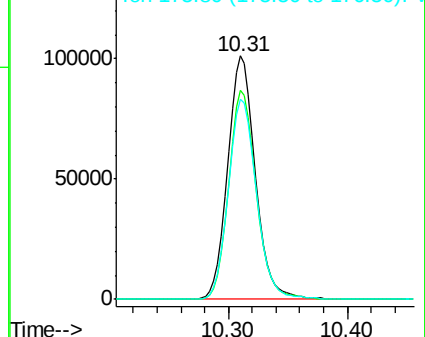
176 84.1 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VU025348.D

Acq: 12 Jul 2018 18:45

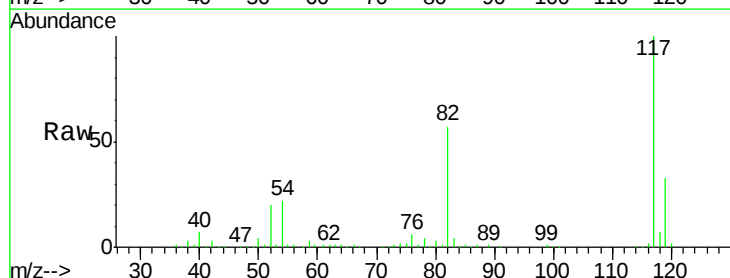
Tgt Ion: 117 Resp: 284165

Ion Ratio Lower Upper

117 100

82 57.2 46.0 69.0

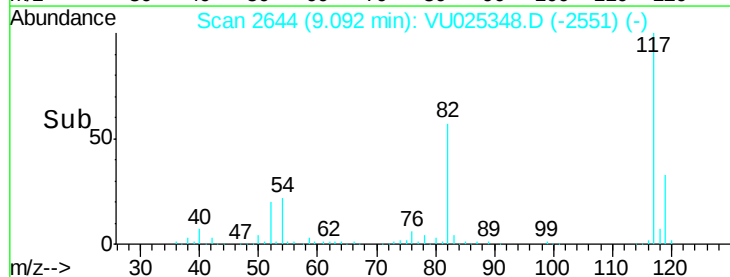
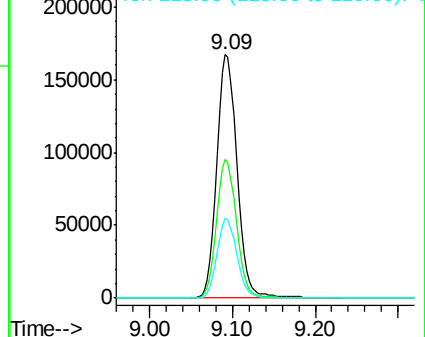
119 32.6 26.0 39.0

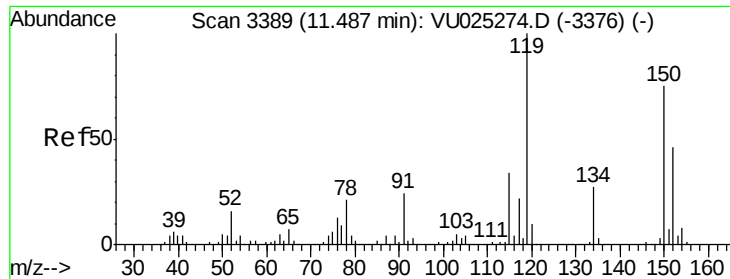


Abundance Ion 116.90 (116.60 to 117.60): VU025274.D (-2631) (-)

Ion 82.00 (81.70 to 82.70): VU025274.D (-2631) (-)

Ion 118.90 (118.60 to 119.60): VU025274.D (-2631) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025348.D

Acq: 12 Jul 2018 18:45

Instrument :

MSVOA_U

ClientSampleId :

PB111044ZHE#03

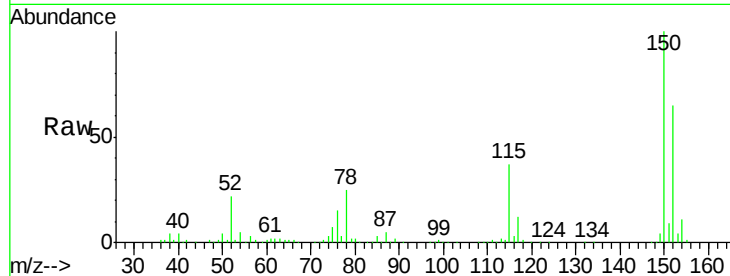
Tot Ion:152 Resp: 150852

Ion Ratio Lower Upper

152 100

115 56.5 40.1 120.3

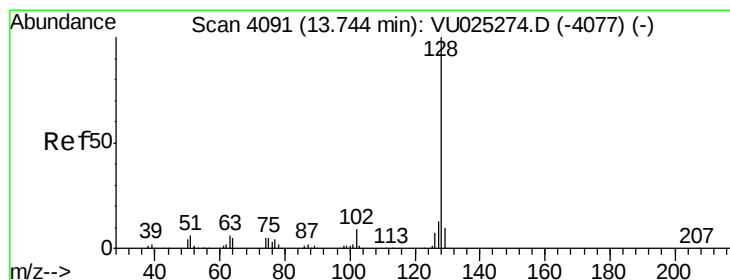
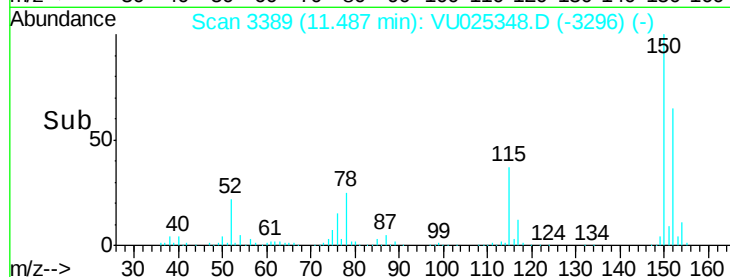
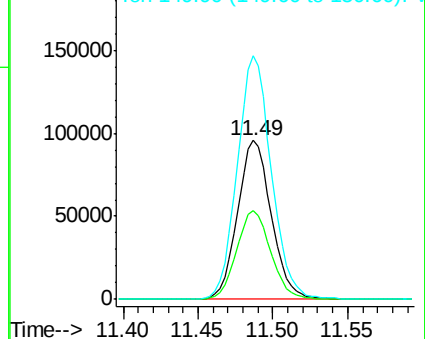
150 154.7 0.0 351.4



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



#95

Naphthalene

Concen: 2.902 ug/l

RT: 13.75 min Scan# 4094

Delta R.T. 0.01 min

Lab File: VU025348.D

Acq: 12 Jul 2018 18:45

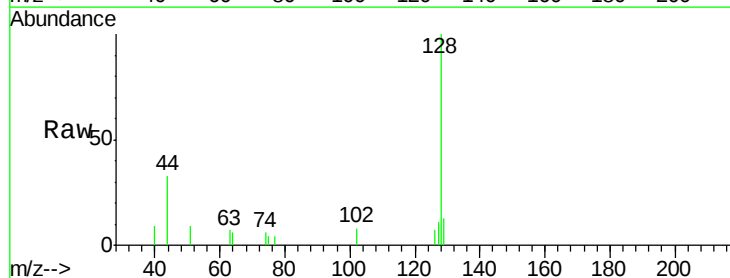
Tgt Ion:128 Resp: 5690

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 7.3 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

