

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024977.D
 Acq On : 27 Jun 2018 19:42
 Operator : MD/SY
 Sample : J3670-05ME
 Misc : 6.00µ/5.0mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-17-19-180621ME

Quant Time: Jun 28 04:53:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

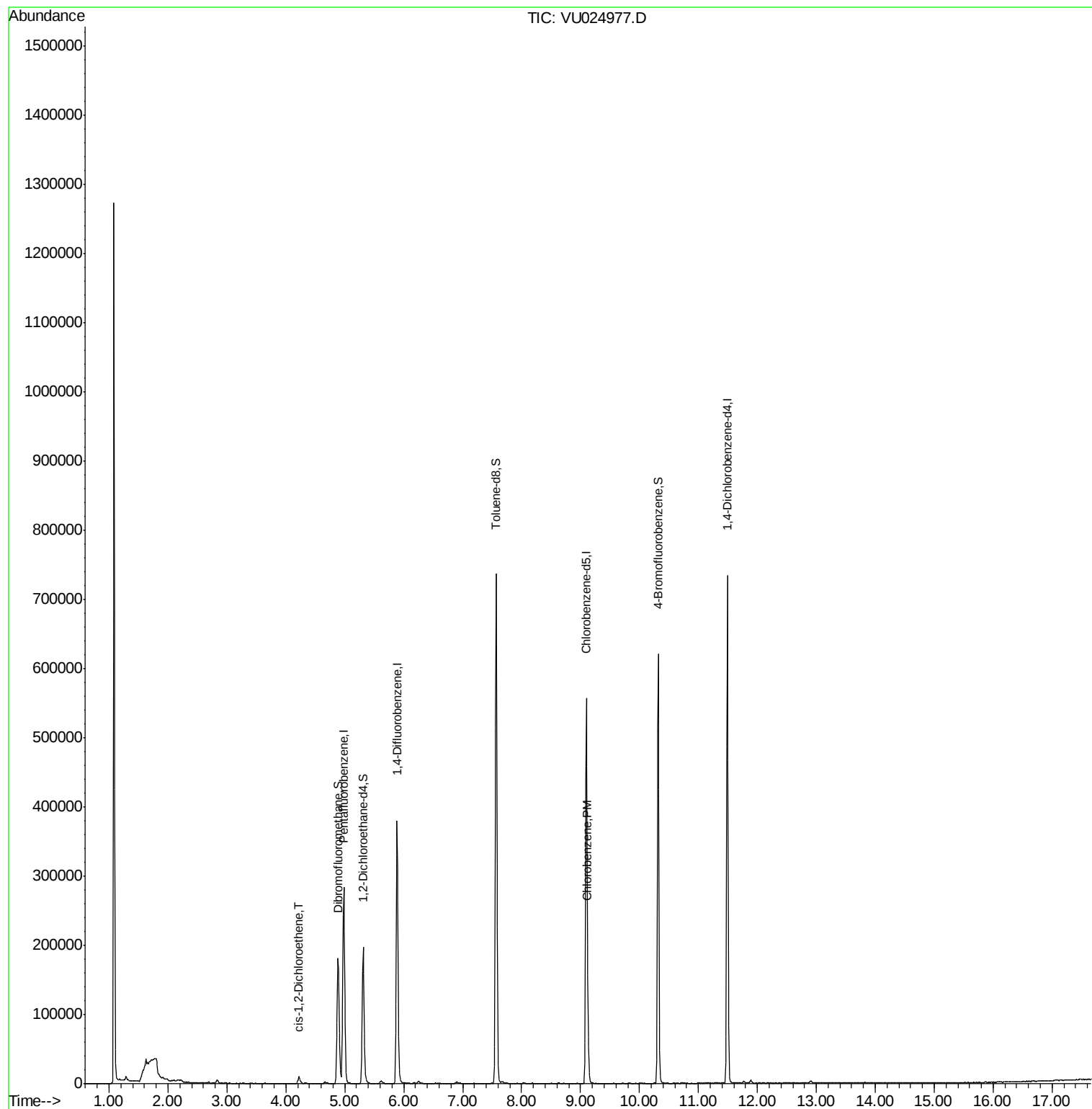
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	229220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	350553	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	334951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	192948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	174083	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
35) Dibromofluoromethane	4.89	113	135458	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
50) Toluene-d8	7.57	98	507900	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	10.32	95	208287	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.22	96	5488	1.66	ug/l	98
65) Chlorobenzene	9.13	112	39070	4.57	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

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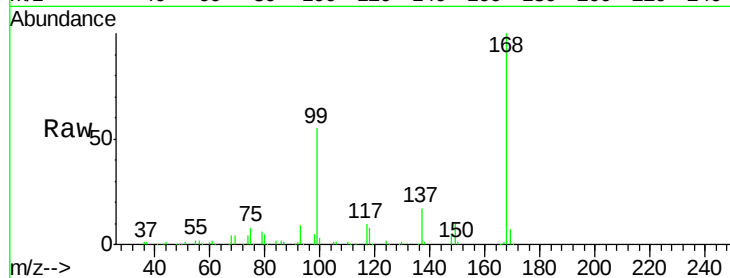
WP021SB487-17-19-180621ME

Tot Ion:168 Resp: 229220

Ion Ratio Lower Upper

168 100

99 54.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024977.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024977.D (-1275) (-)

4.98

100000

80000

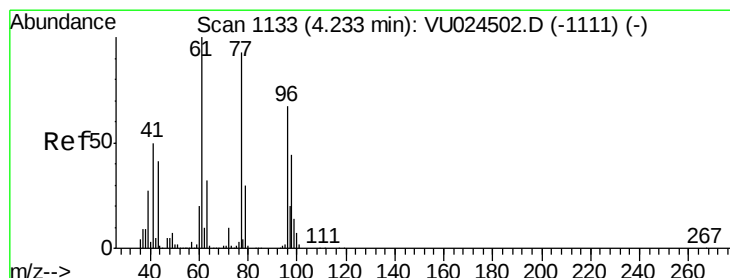
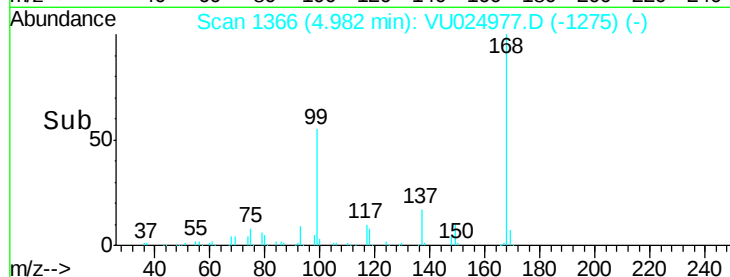
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.66 ug/l

RT: 4.22 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VU024977.D

Acq: 27 Jun 2018 19:42

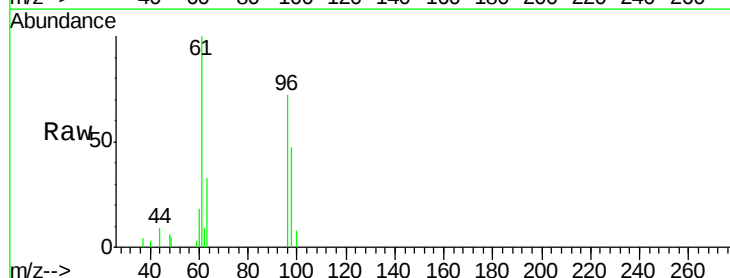
Tgt Ion: 96 Resp: 5488

Ion Ratio Lower Upper

96 100

61 150.6 0.0 306.6

98 62.9 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU024977.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024977.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024977.D (-1040) (-)

4.22

4000

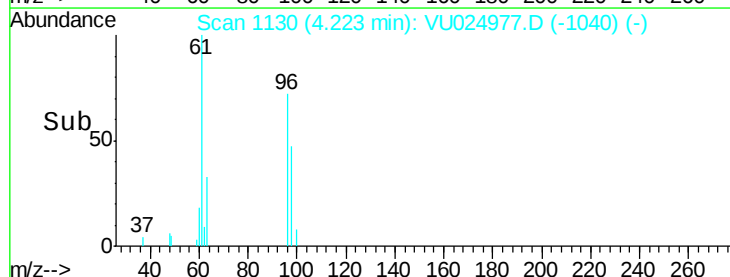
3000

2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.52 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024977.D

Acq: 27 Jun 2018 19:42

Instrument :

MSVOA_U

ClientSampleId :

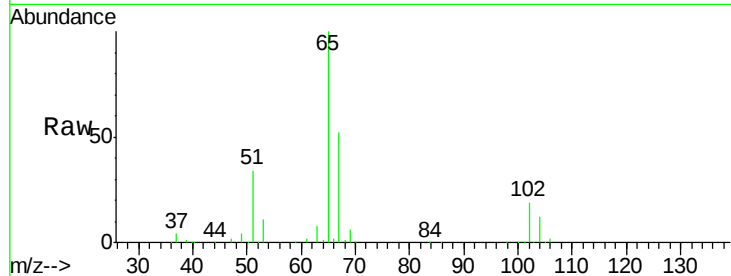
WP021SB487-17-19-180621ME

Tot Ion: 65 Resp: 174083

Ion Ratio Lower Upper

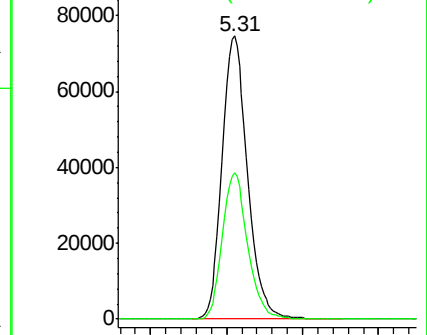
65 100

67 51.2 0.0 107.0

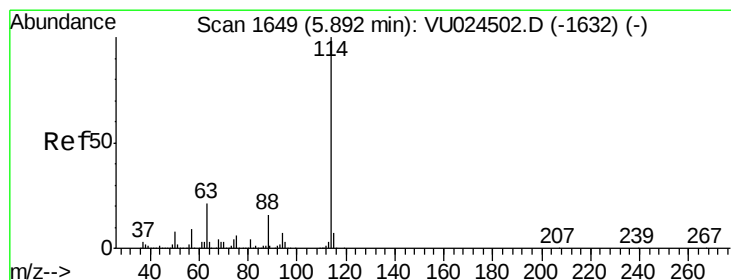
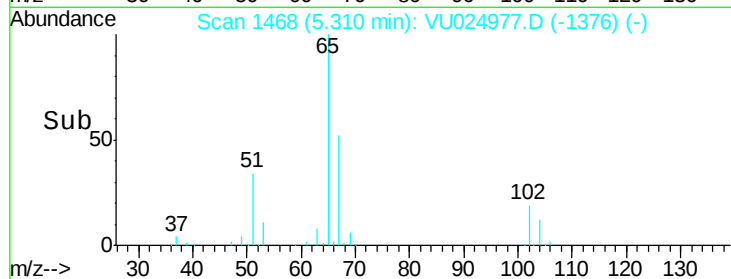


Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU024977.D

Acq: 27 Jun 2018 19:42

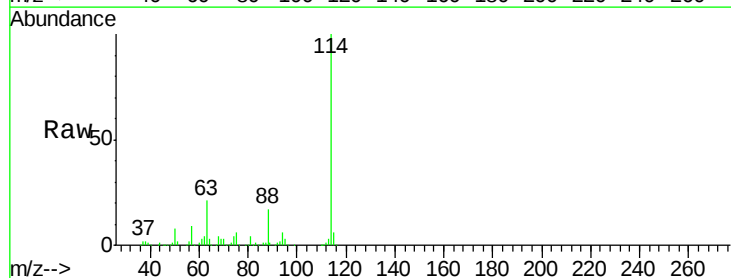
Tgt Ion: 114 Resp: 350553

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.4

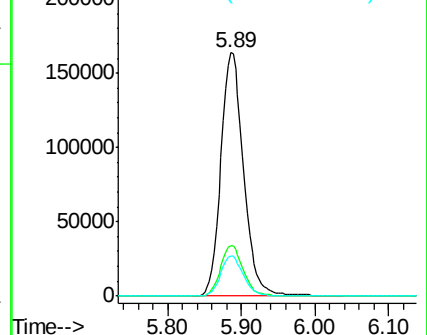
88 16.7 0.0 31.0



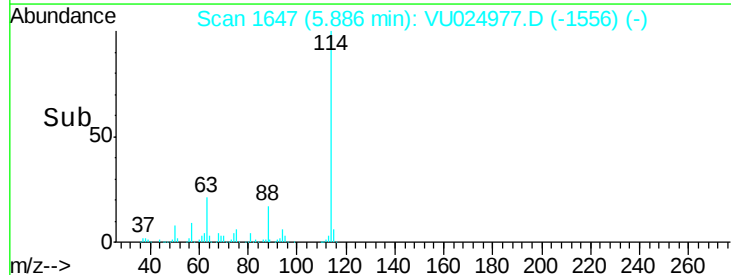
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



Time-->





#35

Dibromofluoromethane

Concen: 46.56 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024977.D

Acq: 27 Jun 2018 19:42

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-17-19-180621ME

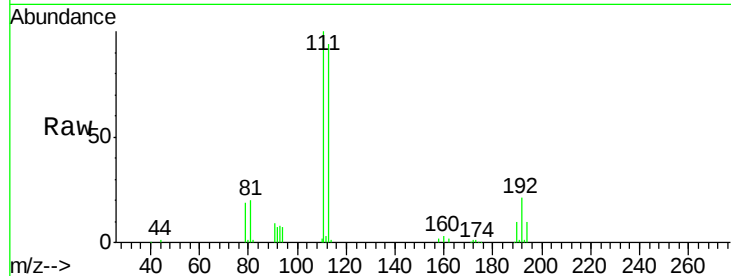
Tot Ion:113 Resp: 135458

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

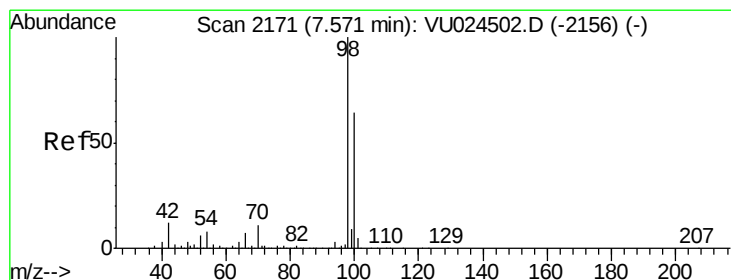
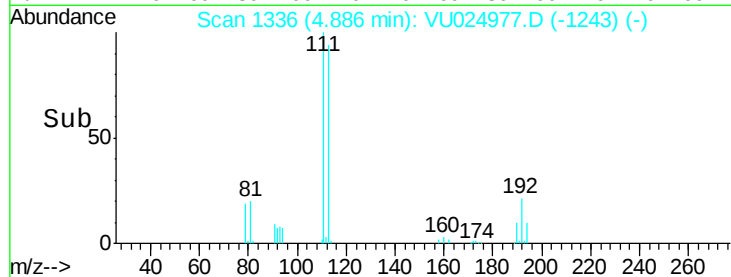
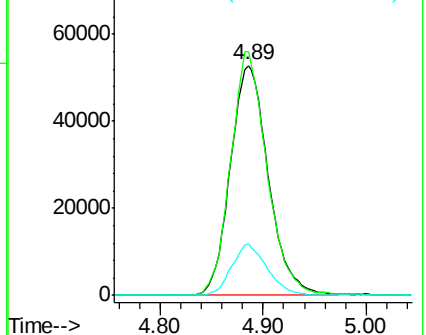
192 20.9 16.2 24.4



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: 47.86 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024977.D

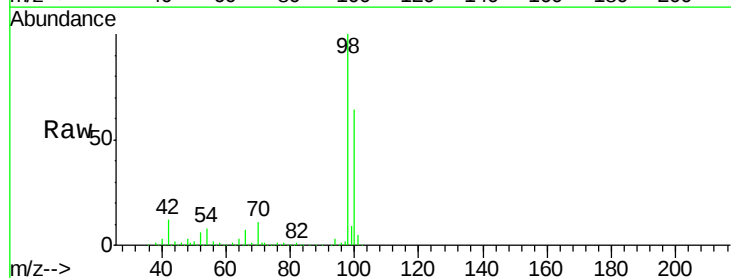
Acq: 27 Jun 2018 19:42

Tgt Ion: 98 Resp: 507900

Ion Ratio Lower Upper

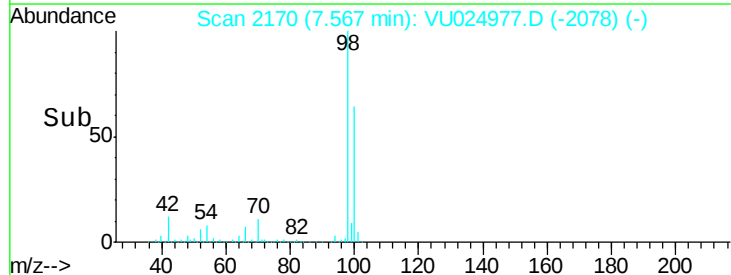
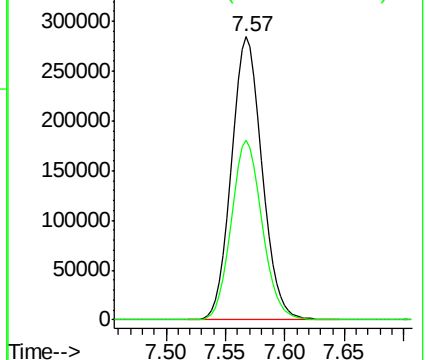
98 100

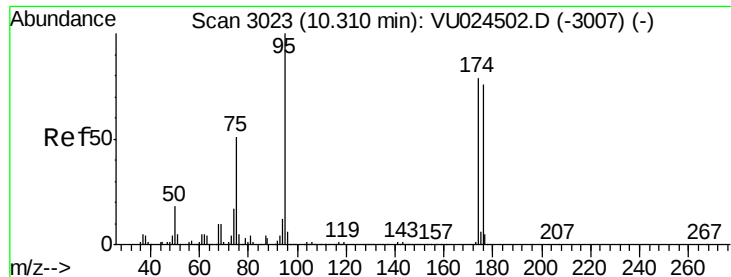
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 49.43 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024977.D

Acq: 27 Jun 2018 19:42

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-17-19-180621ME

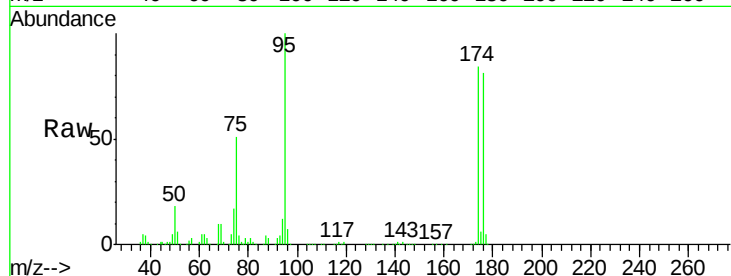
Tot Ion: 95 Resp: 208287

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

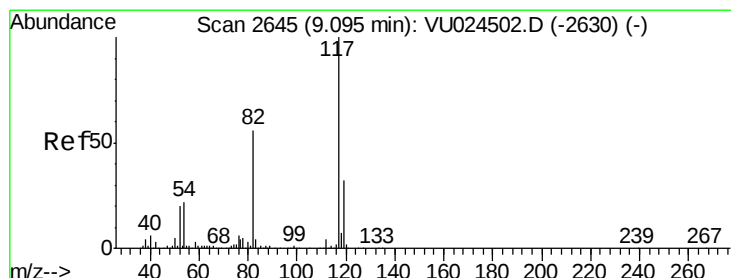
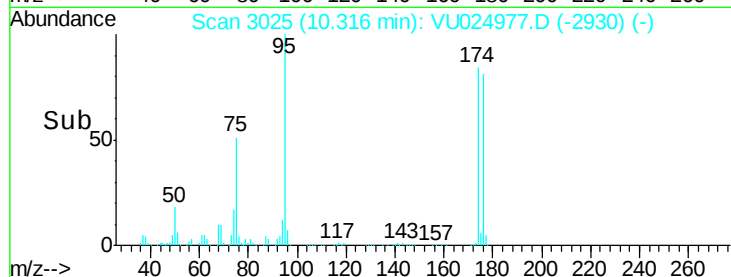
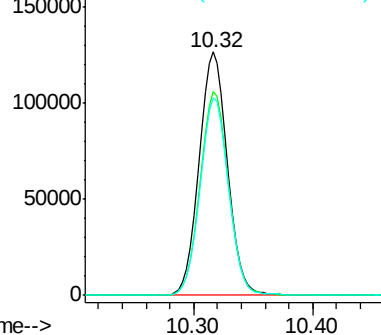
176 81.8 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.10 min Scan# 2646

Delta R.T. 0.00 min

Lab File: VU024977.D

Acq: 27 Jun 2018 19:42

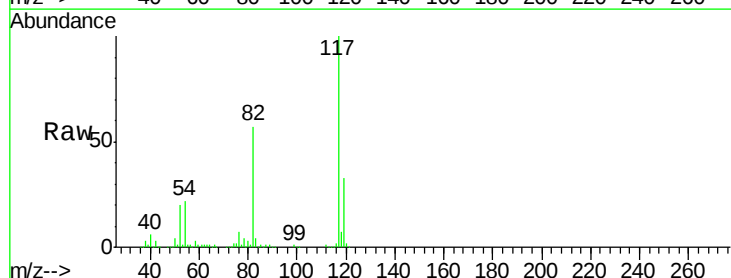
Tgt Ion: 117 Resp: 334951

Ion Ratio Lower Upper

117 100

82 56.7 44.3 66.5

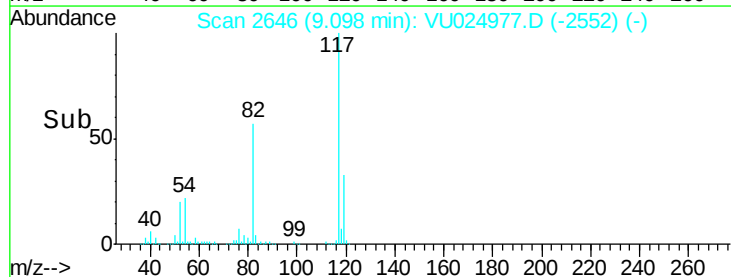
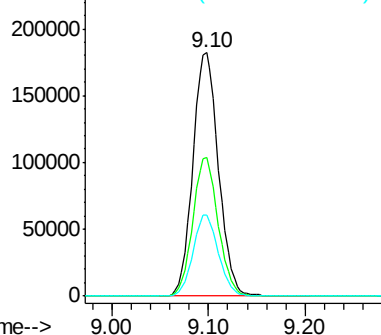
119 33.1 25.4 38.2

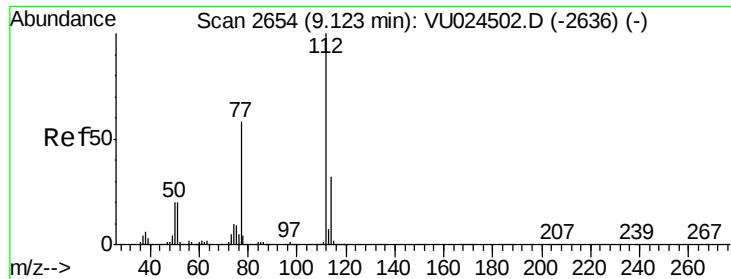


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0

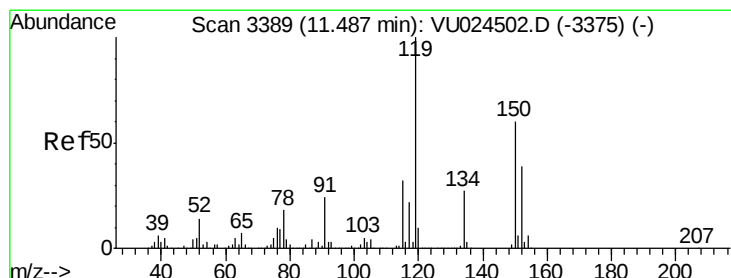
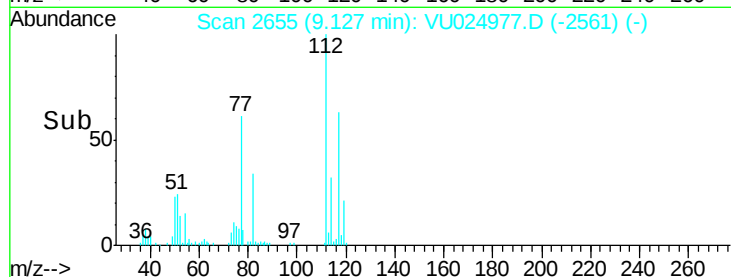
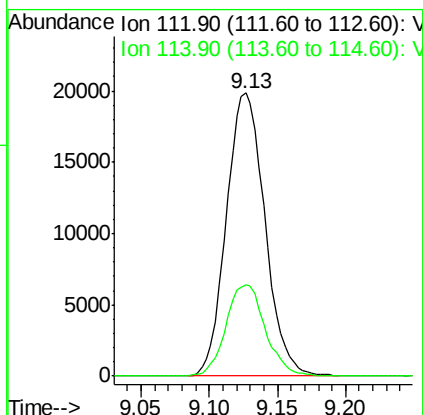
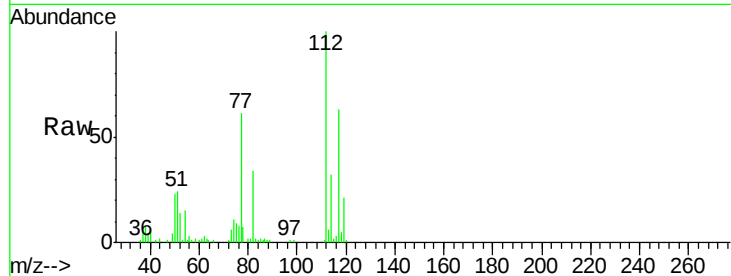




#65
Chlorobenzene
Concen: 4.57 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU024977.D
Acq: 27 Jun 2018 19:42

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-17-19-180621ME

Tot Ion:112 Resp: 39070
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024977.D
Acq: 27 Jun 2018 19:42

Tgt Ion:152 Resp: 192948
Ion Ratio Lower Upper
152 100
115 57.9 43.0 129.0
150 155.4 0.0 354.0

