

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025106.D
 Acq On : 30 Jun 2018 22:27
 Operator : MD/SY
 Sample : J3759-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW353-180626

Quant Time: Jul 02 07:44:56 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	4.99	168	211473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313302	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	292362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150330	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	159137	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
35) Dibromofluoromethane	4.89	113	124246	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	7.57	98	457075	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	10.31	95	168374	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	

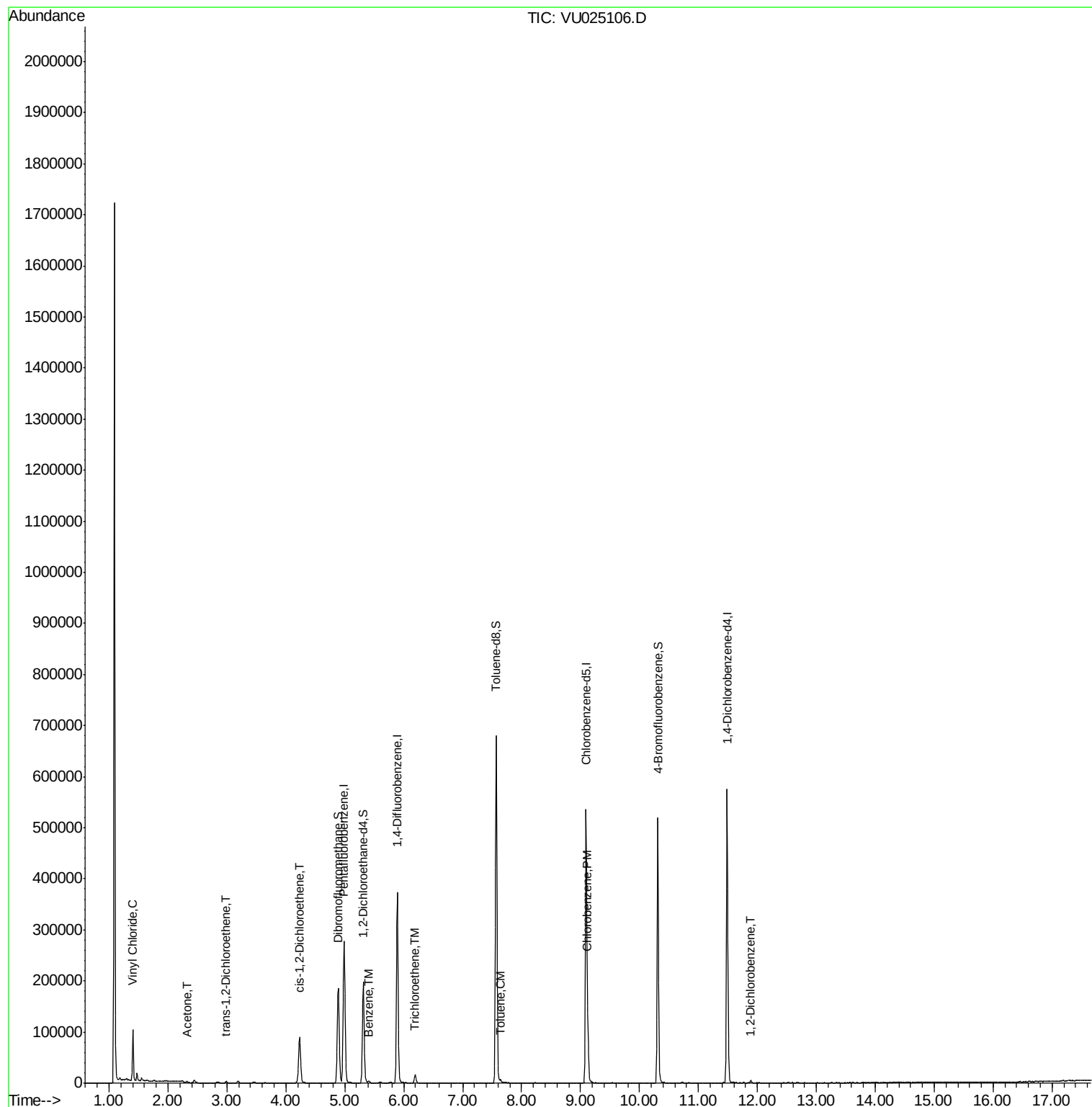
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	60383	21.65	ug/l	97
16) Acetone	2.32	43	2547	1.37	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	1625	0.61	ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	49457	16.22	ug/l	91
40) Benzene	5.40	78	2253	0.21	ug/l	99
44) Trichloroethene	6.20	130	5809	1.95	ug/l	94
52) Toluene	7.64	92	2345	0.35	ug/l	97
65) Chlorobenzene	9.12	112	58830	7.88	ug/l	99
91) 1,2-Dichlorobenzene	11.89	146	2213	0.41	ug/l	95

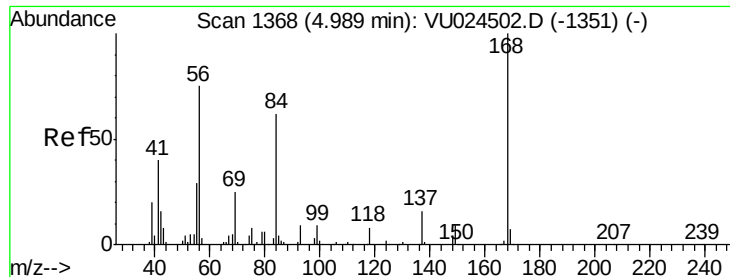
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025106.D

Acq: 30 Jun 2018 22:27

Instrument :

MSVOA_U

ClientSampleId :

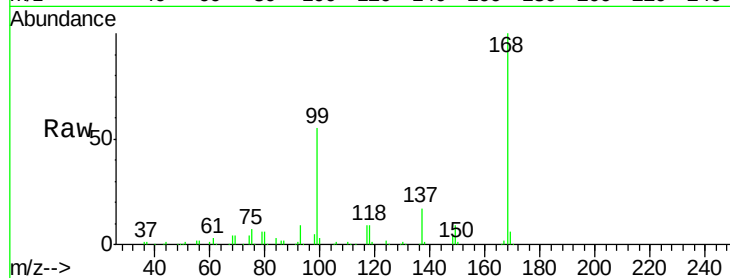
WP021MW353-180626

Tot Ion:168 Resp: 211473

Ion Ratio Lower Upper

168 100

99 55.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

100000

80000

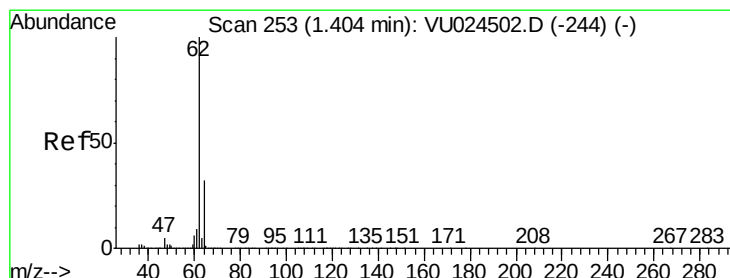
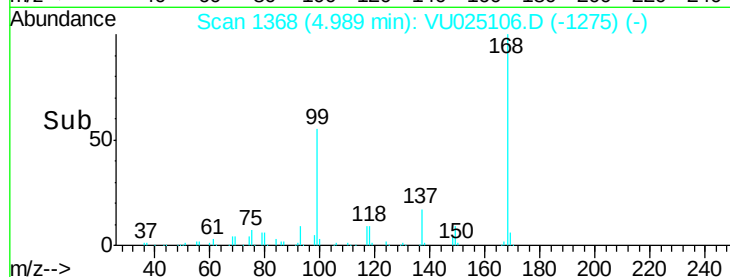
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 21.65 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025106.D

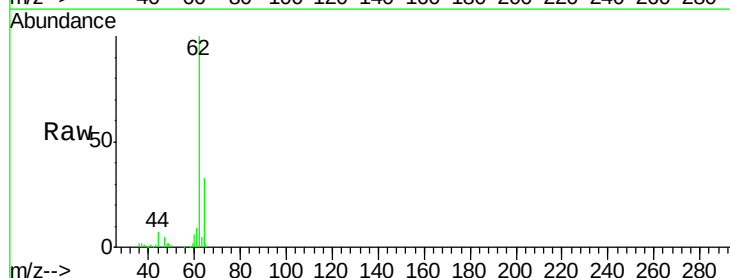
Acq: 30 Jun 2018 22:27

Tgt Ion: 62 Resp: 60383

Ion Ratio Lower Upper

62 100

64 32.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

1.40

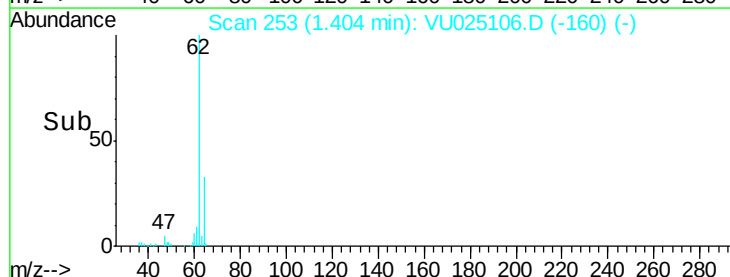
60000

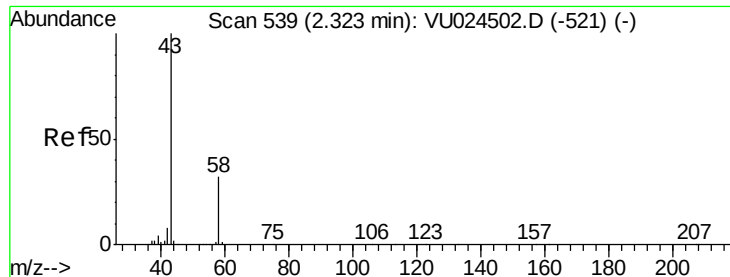
40000

20000

0

Time-->





#16

Acetone

Concen: 1.37 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025106.D

Acq: 30 Jun 2018 22:27

Instrument :

MSVOA_U

ClientSampleId :

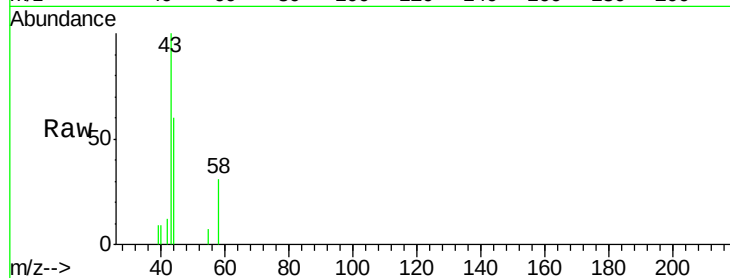
WP021MW353-180626

Tot Ion: 43 Resp: 2547

Ion Ratio Lower Upper

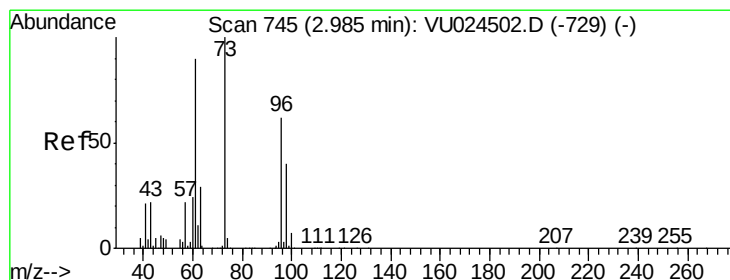
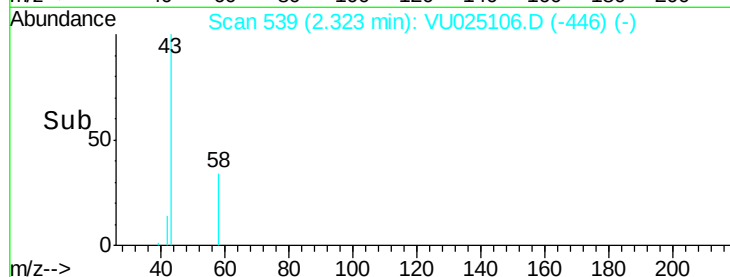
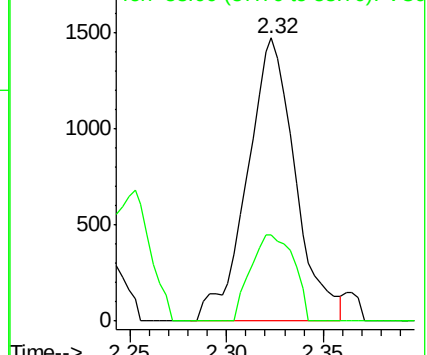
43 100

58 30.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#21

trans-1,2-Dichloroethene

Concen: 0.61 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025106.D

Acq: 30 Jun 2018 22:27

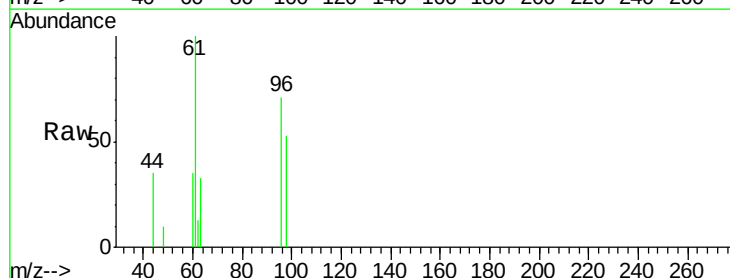
Tgt Ion: 96 Resp: 1625

Ion Ratio Lower Upper

96 100

61 141.3 119.4 179.0

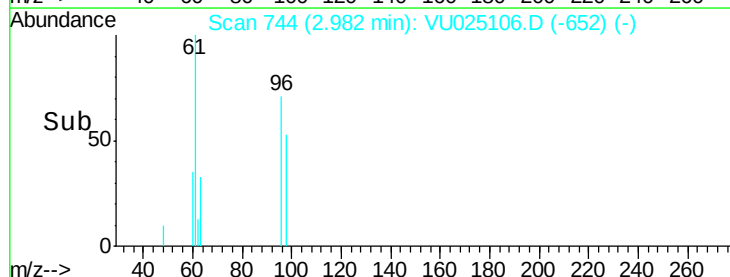
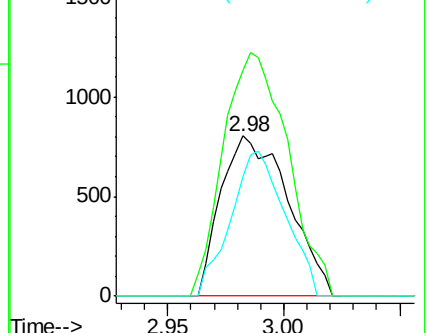
98 75.0 51.1 76.7

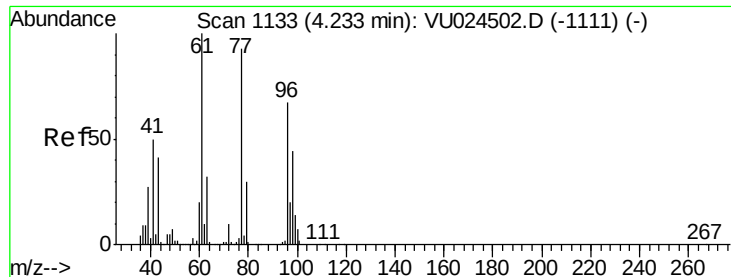


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

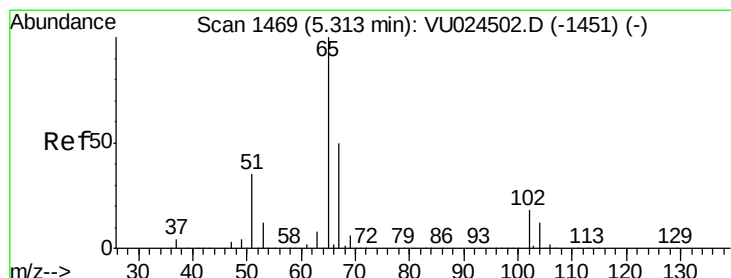
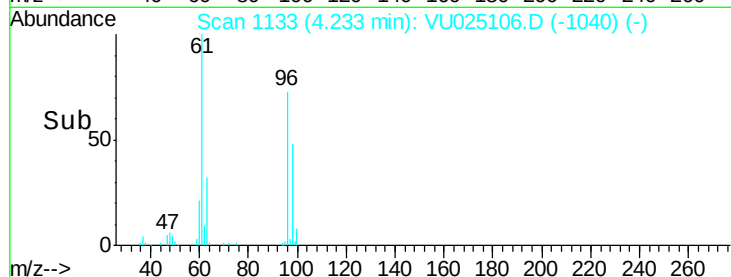
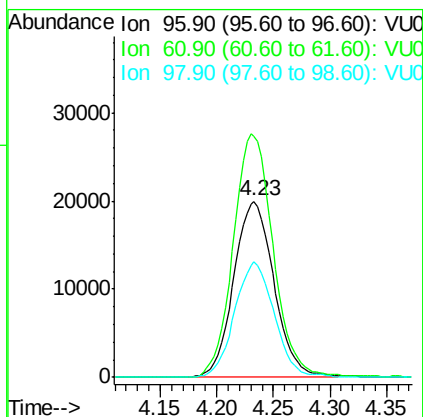
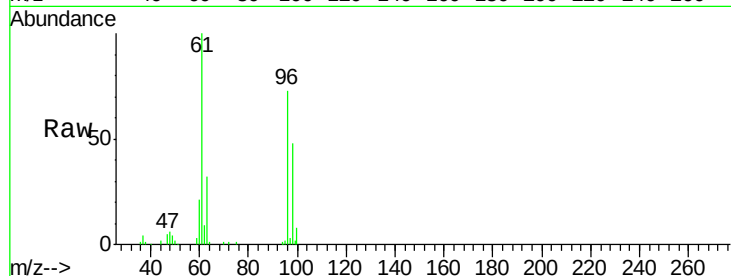




#27
 cis-1,2-Dichloroethene
 Concen: 16.22 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025106.D
 Acq: 30 Jun 2018 22:27

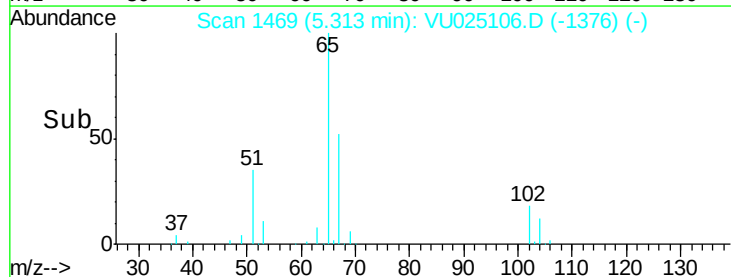
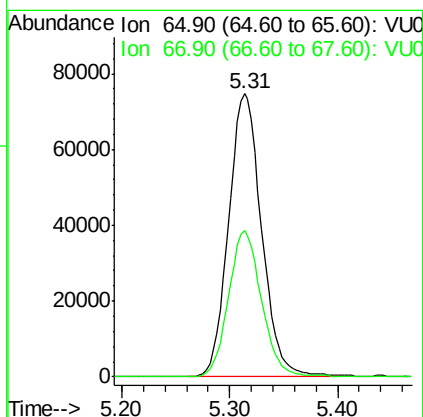
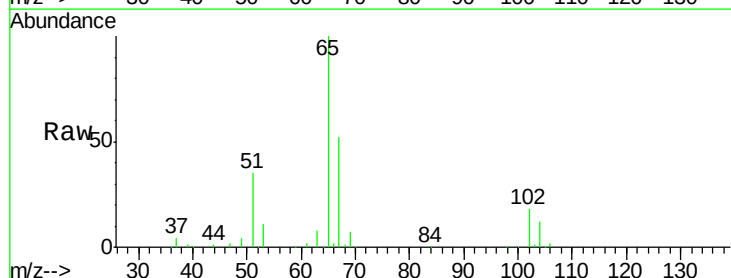
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW353-180626

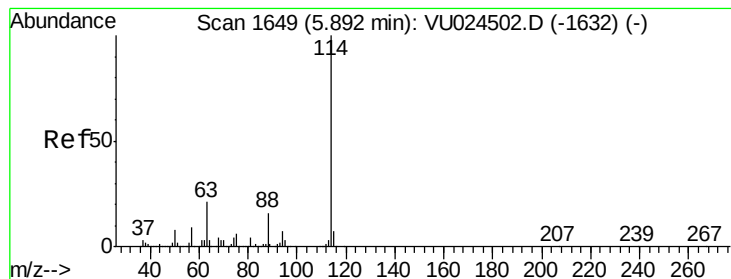
Tot Ion	96	Resp	49457
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	306.6
98	64.5	0.0	128.8



#33
 1,2-Dichloroethane-d4
 Concen: 46.10 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025106.D
 Acq: 30 Jun 2018 22:27

Tgt Ion	65	Resp	159137
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025106.D

Acq: 30 Jun 2018 22:27

Instrument :

MSVOA_U

ClientSampleId :

WP021MW353-180626

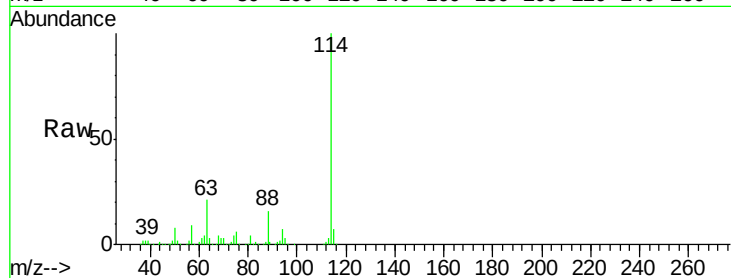
Tot Ion:114 Resp: 313302

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.4

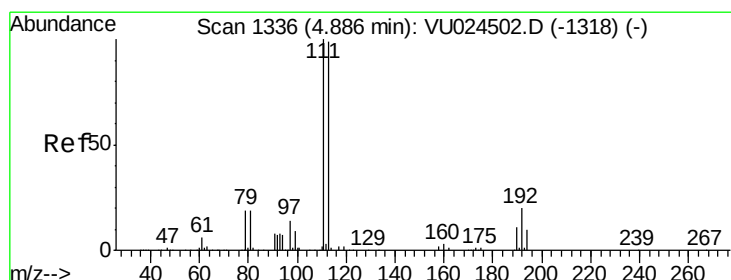
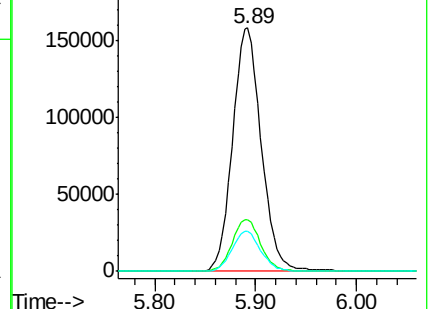
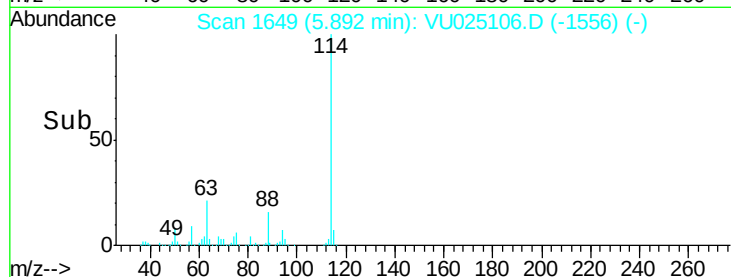
88 16.5 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 47.78 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025106.D

Acq: 30 Jun 2018 22:27

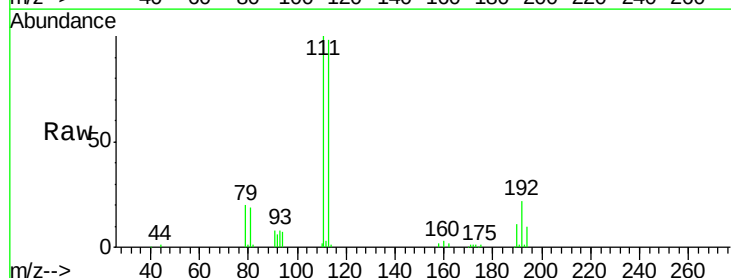
Tgt Ion:113 Resp: 124246

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

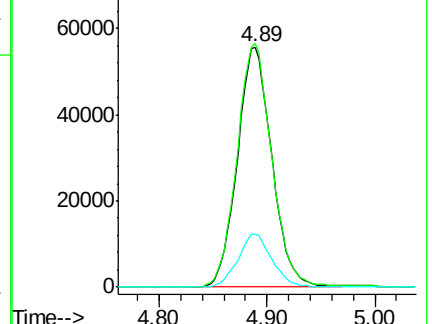
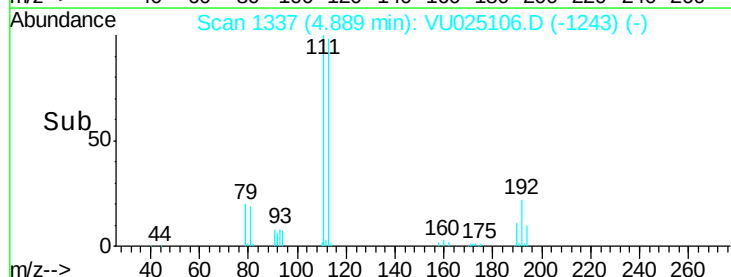
192 21.6 16.2 24.4

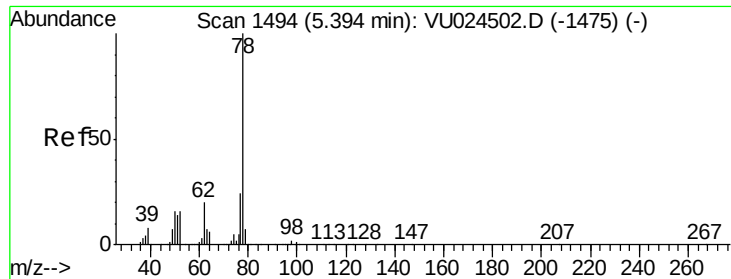


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.21 ug/l

RT: 5.40 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VU025106.D

Acq: 30 Jun 2018 22:27

Instrument :

MSVOA_U

ClientSampleId :

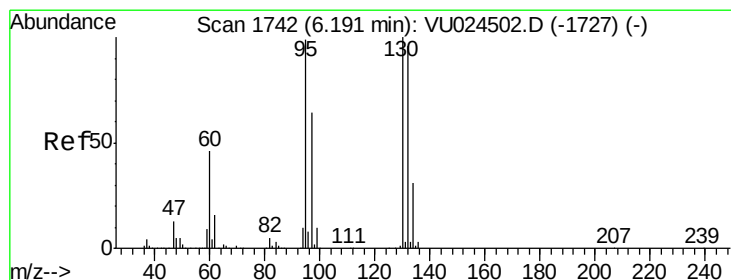
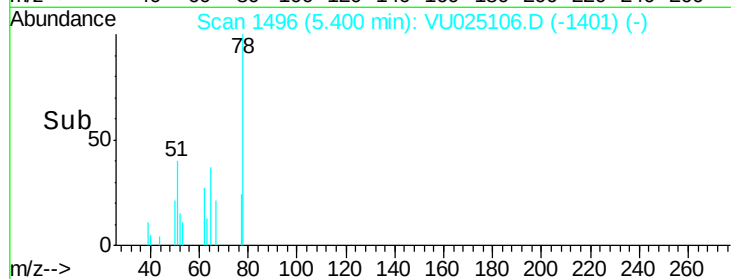
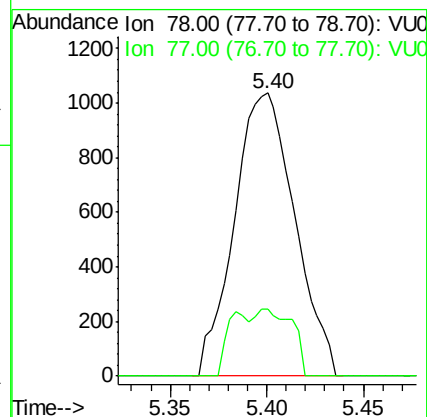
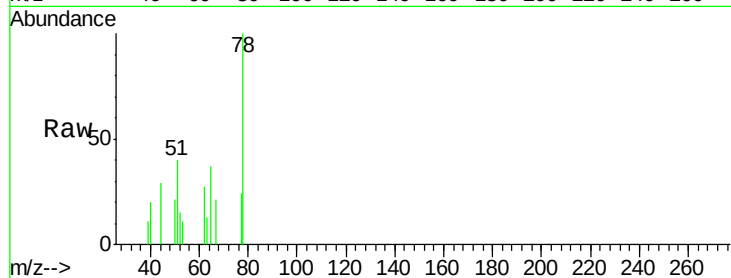
WP021MW353-180626

Tot Ion: 78 Resp: 2253

Ion Ratio Lower Upper

78 100

77 23.7 19.2 28.8



#44

Trichloroethene

Concen: 1.95 ug/l

RT: 6.20 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VU025106.D

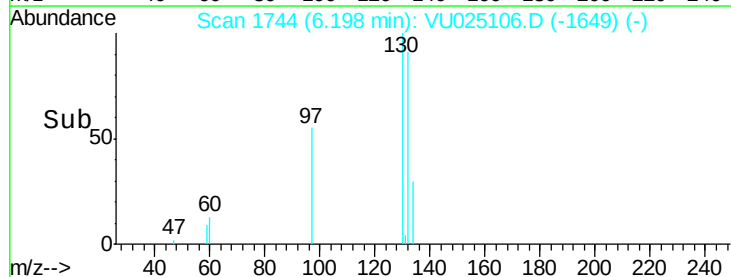
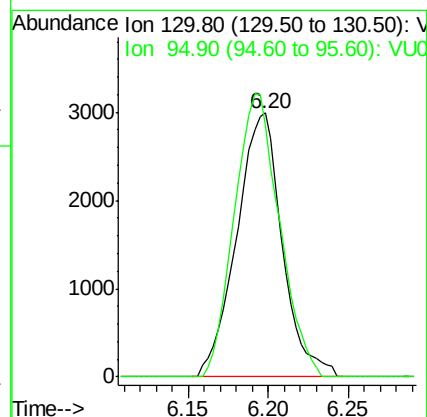
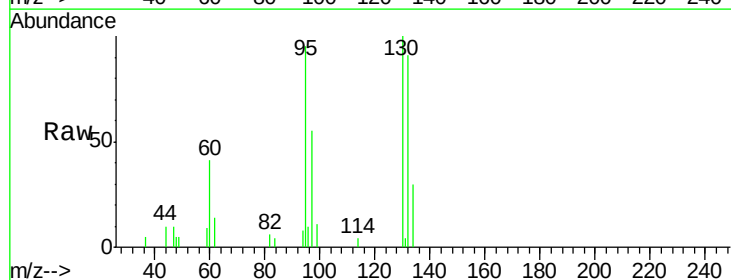
Acq: 30 Jun 2018 22:27

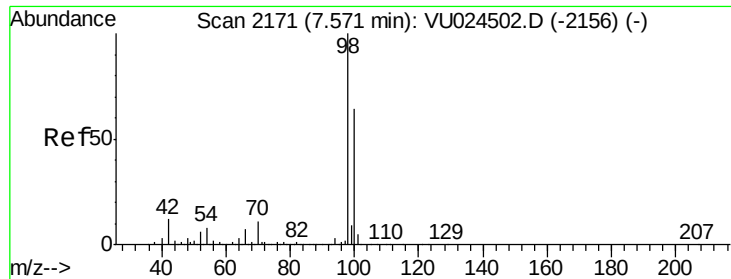
Tgt Ion:130 Resp: 5809

Ion Ratio Lower Upper

130 100

95 95.2 0.0 202.4





#50

Toluene-d8

Concen: 48.19 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025106.D

Acq: 30 Jun 2018 22:27

Instrument :

MSVOA_U

ClientSampleId :

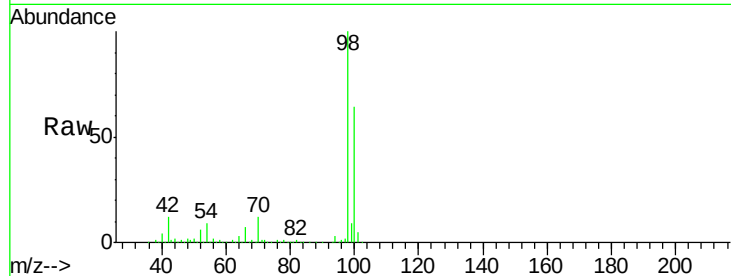
WP021MW353-180626

Tot Ion: 98 Resp: 457075

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

250000

200000

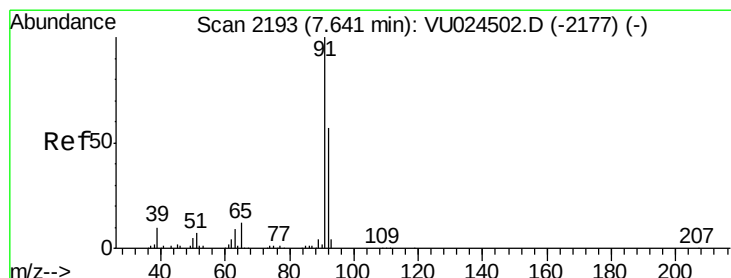
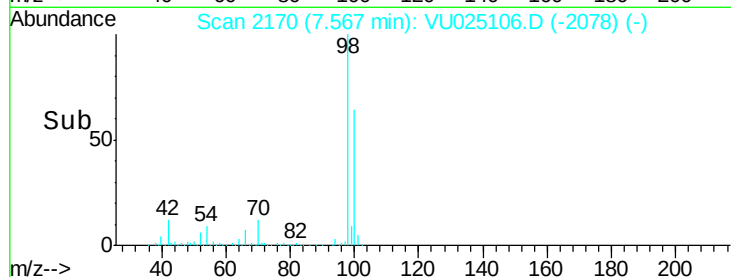
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 0.35 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU025106.D

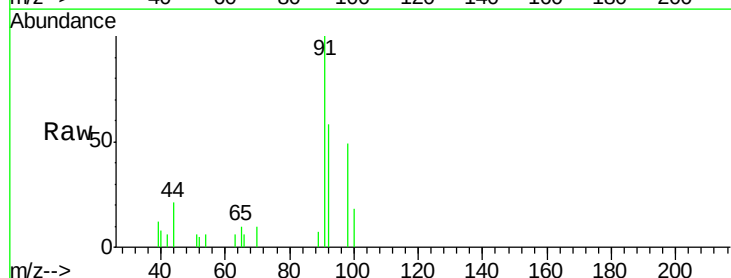
Acq: 30 Jun 2018 22:27

Tgt Ion: 92 Resp: 2345

Ion Ratio Lower Upper

92 100

91 179.2 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU024502.D (-2177) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-2177) (-)

2500

2000

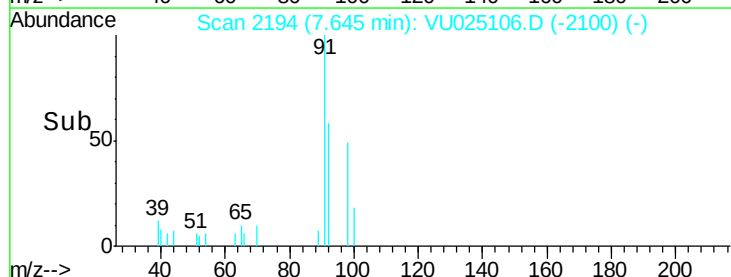
1500

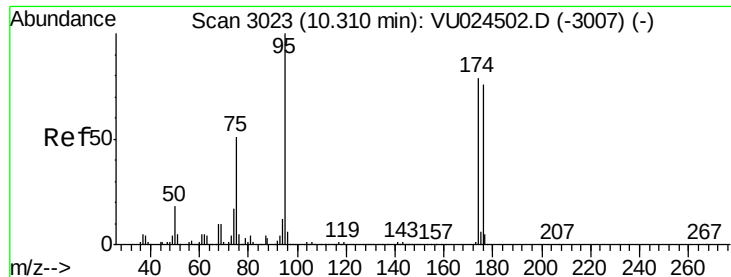
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.71 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025106.D

Acq: 30 Jun 2018 22:27

Instrument :

MSVOA_U

ClientSampleId :

WP021MW353-180626

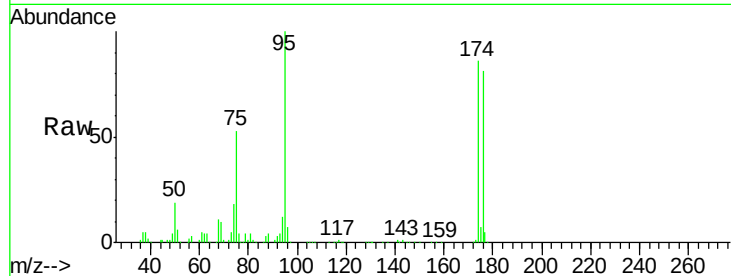
Tot Ion: 95 Resp: 168374

Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

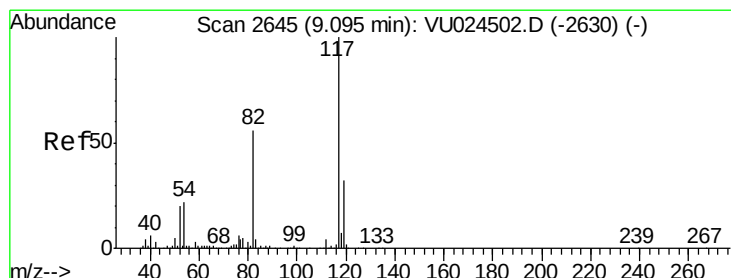
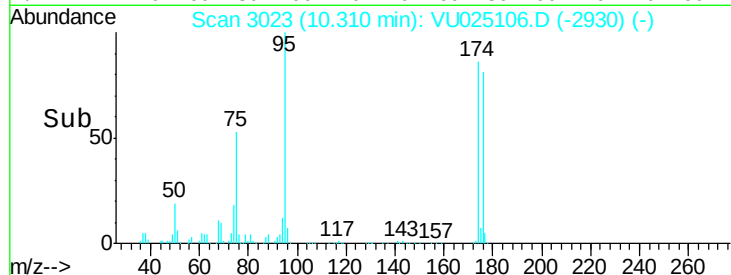
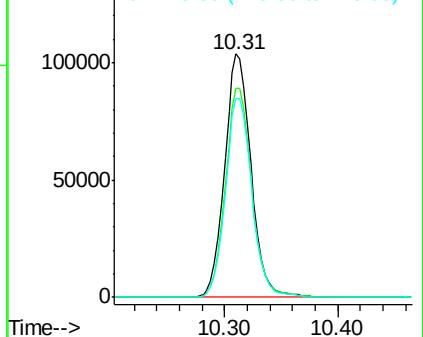
176 82.0 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025106.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025106.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025106.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU025106.D

Acq: 30 Jun 2018 22:27

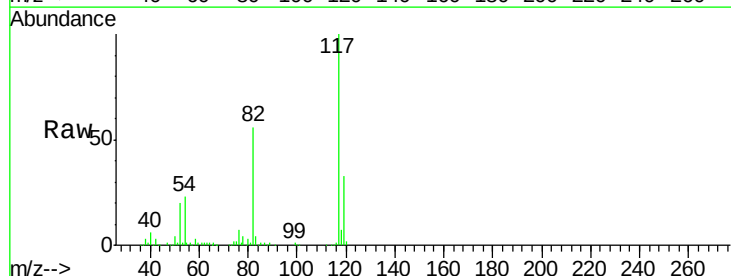
Tgt Ion: 117 Resp: 292362

Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

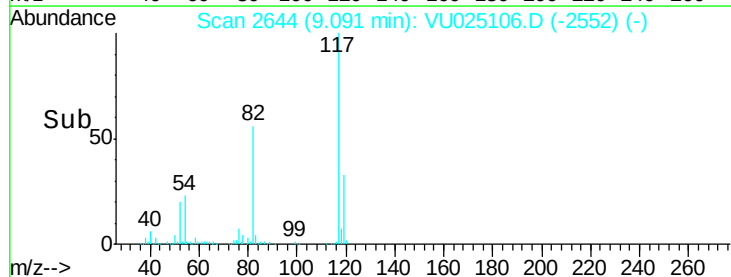
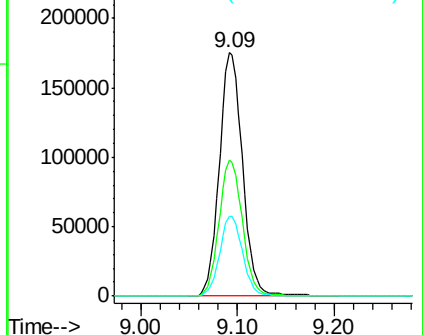
119 32.8 25.4 38.2

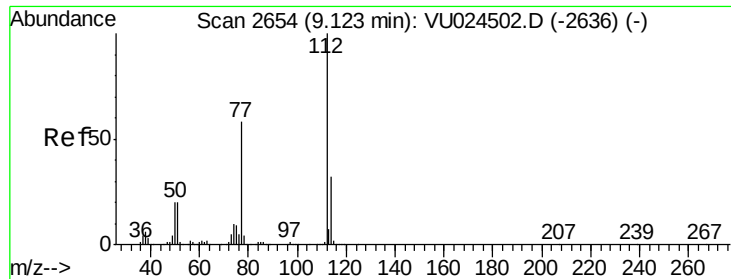


Abundance Ion 116.90 (116.60 to 117.60): VU025106.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025106.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025106.D (-2552) (-)

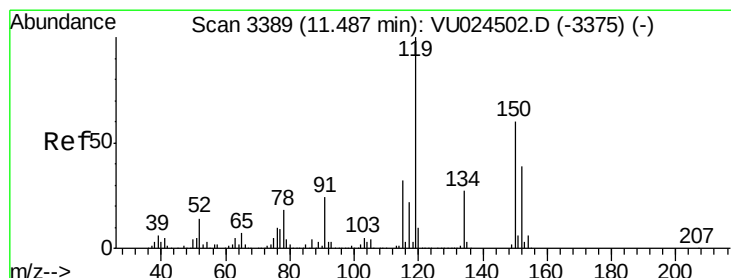
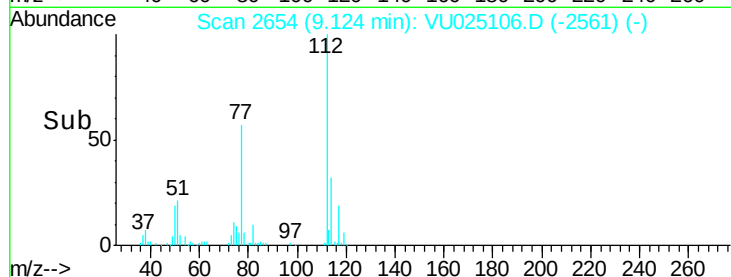
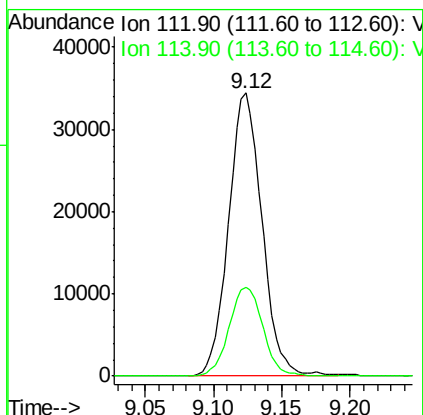
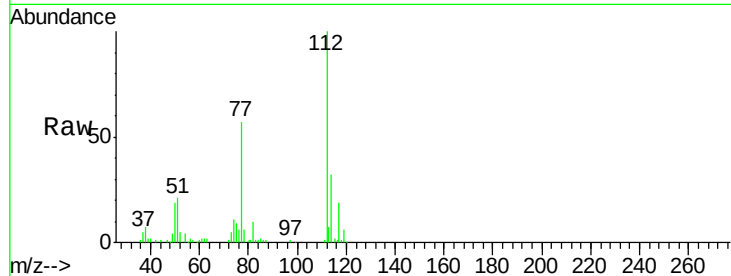




#65
Chlorobenzene
Concen: 7.88 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025106.D
Acq: 30 Jun 2018 22:27

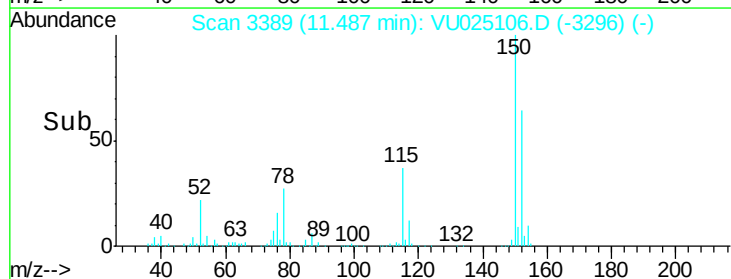
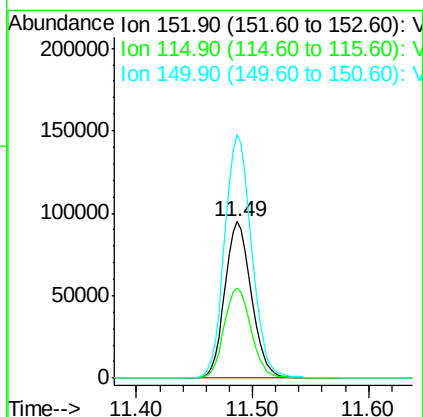
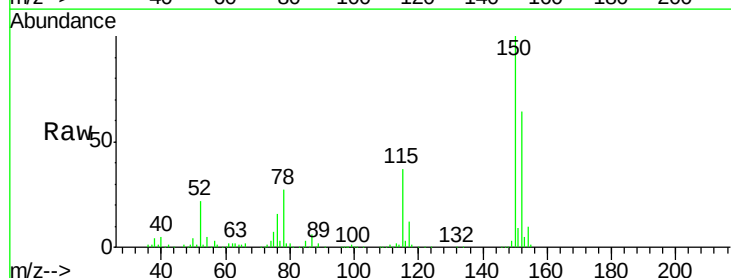
Instrument :
MSVOA_U
ClientSampleId :
WP021MW353-180626

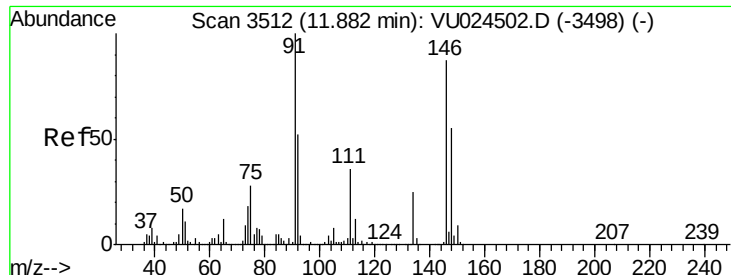
Tot Ion:112 Resp: 58830
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025106.D
Acq: 30 Jun 2018 22:27

Tgt Ion:152 Resp: 150330
Ion Ratio Lower Upper
152 100
115 58.2 43.0 129.0
150 158.0 0.0 354.0





#91
 1,2-Dichlorobenzene
 Concen: 0.41 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.01 min
 Lab File: VU025106.D
 Acq: 30 Jun 2018 22:27

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW353-180626

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	20.5	61.6
148	61.5	31.9	95.7

