

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025211.D
 Acq On : 05 Jul 2018 13:23
 Operator : MD/SY
 Sample : J3808-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW012-180627

Quant Time: Jul 06 05:43:39 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

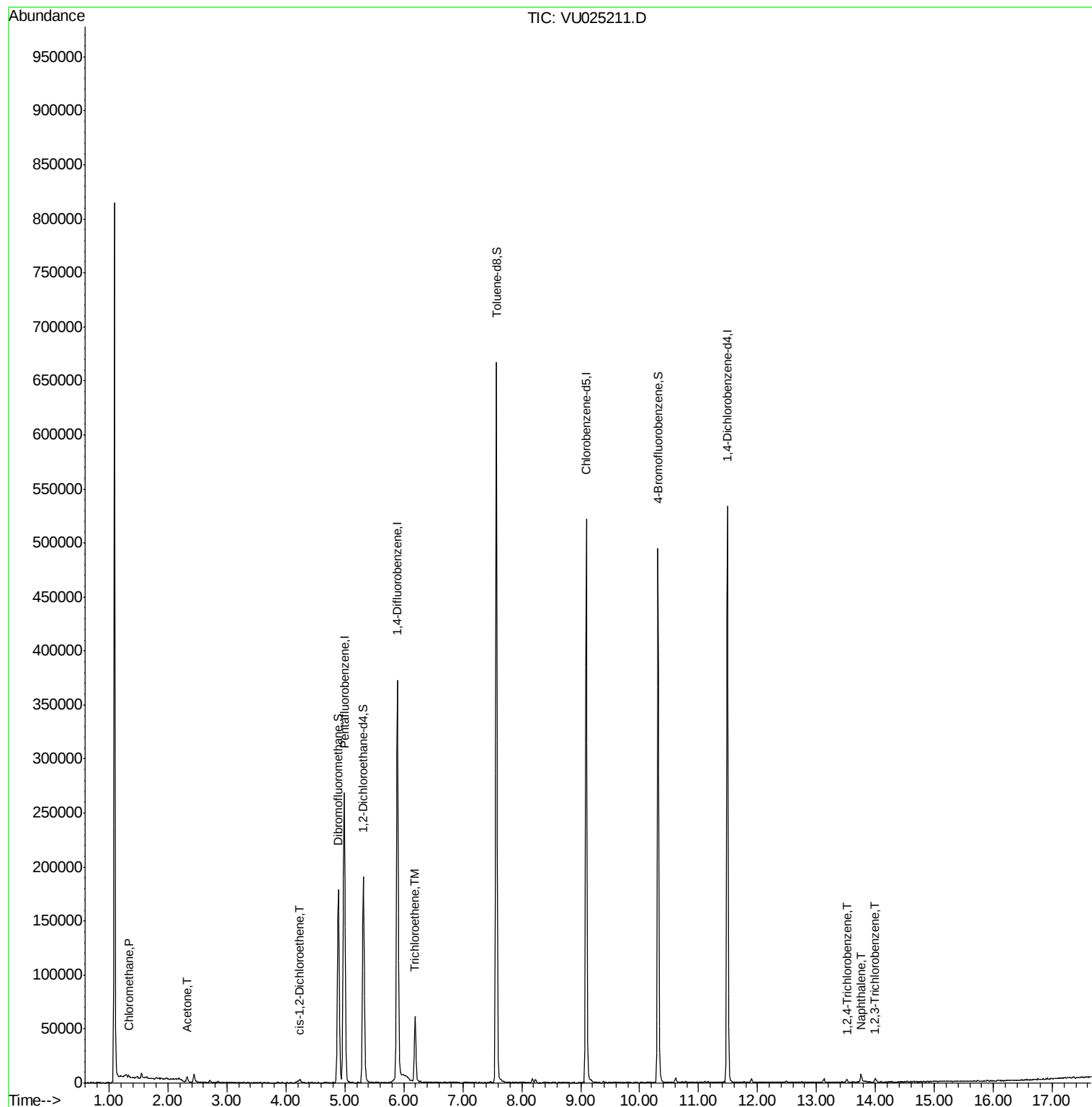
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	209538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311303	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153496	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
35) Dibromofluoromethane	4.89	113	121347	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	7.57	98	445066	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
62) 4-Bromofluorobenzene	10.31	95	162207	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1338	0.499	ug/l	96
16) Acetone	2.32	43	5146	2.800	ug/l	99
27) cis-1,2-Dichloroethene	4.24	96	1920	0.636	ug/l	78
44) Trichloroethene	6.19	130	21495	7.246	ug/l	93
93) 1,2,4-Trichlorobenzene	13.52	180	1081	0.336	ug/l #	82
95) Naphthalene	13.75	128	8104	1.431	ug/l	96
96) 1,2,3-Trichlorobenzene	13.99	180	1630	0.509	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# 1368

Delta R.T. -0.00 min

Lab File: VU025211.D

Acq: 05 Jul 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

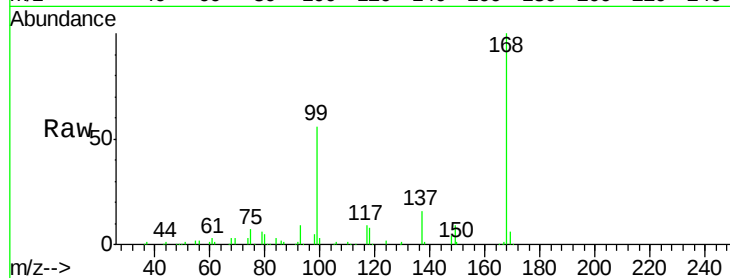
WP021MW012-180627

Tot Ion:168 Resp: 209538

Ion Ratio Lower Upper

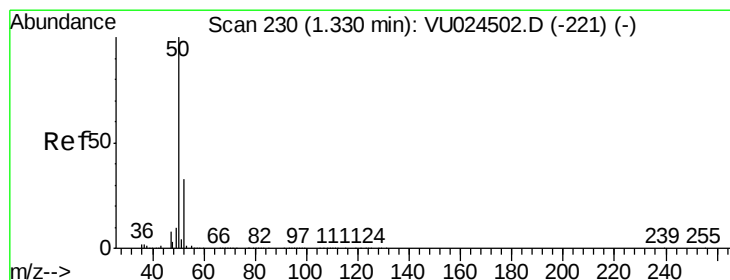
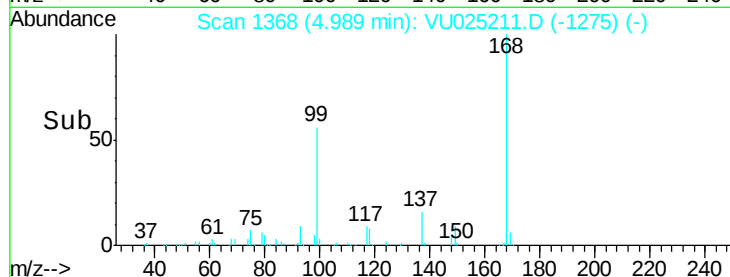
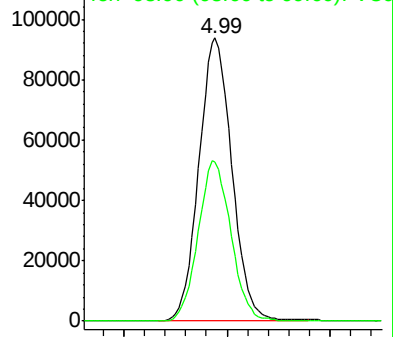
168 100

99 56.4 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D



#3

Chloromethane

Concen: 0.499 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025211.D

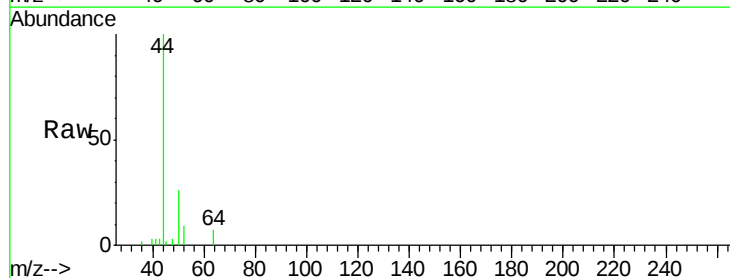
Acq: 05 Jul 2018 13:23

Tgt Ion: 50 Resp: 1338

Ion Ratio Lower Upper

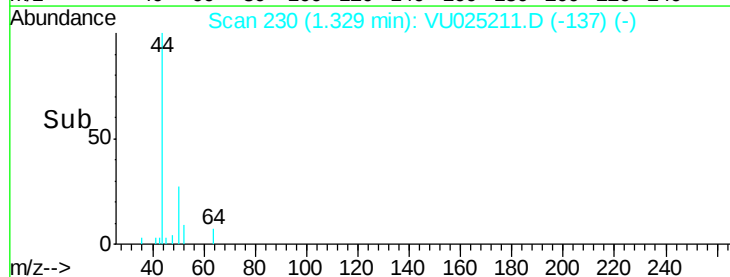
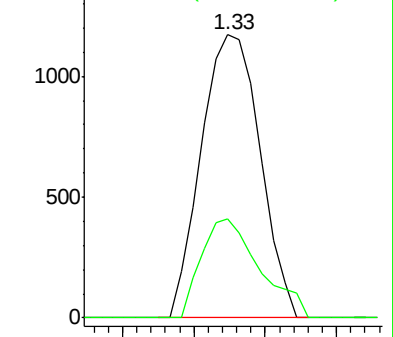
50 100

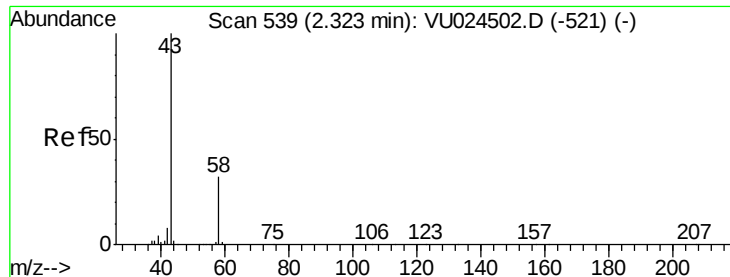
52 35.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D

Ion 51.90 (51.60 to 52.60): VU024502.D





#16

Acetone

Concen: 2.800 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025211.D

Acq: 05 Jul 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

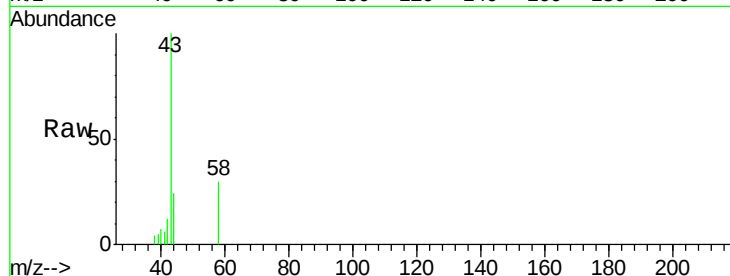
WP021MW012-180627

Tot Ion: 43 Resp: 5146

Ion Ratio Lower Upper

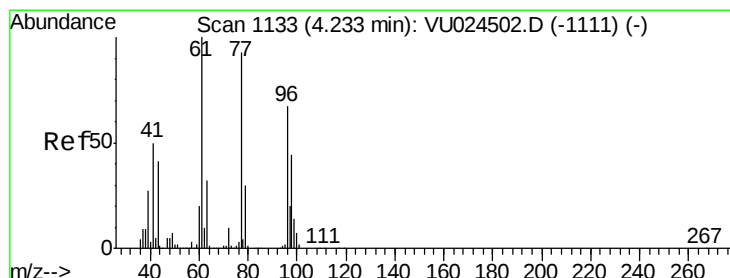
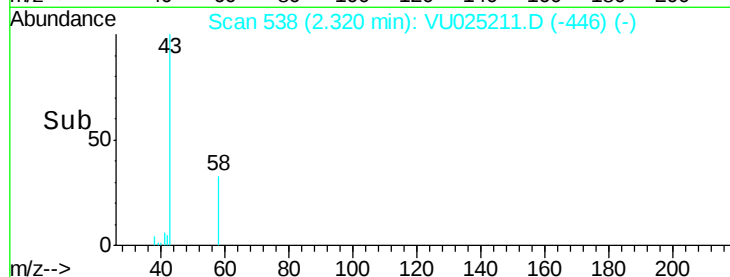
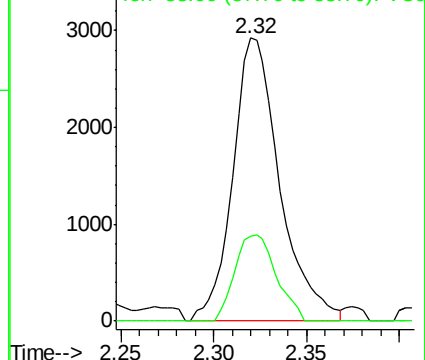
43 100

58 29.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

cis-1,2-Dichloroethene

Concen: 0.636 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU025211.D

Acq: 05 Jul 2018 13:23

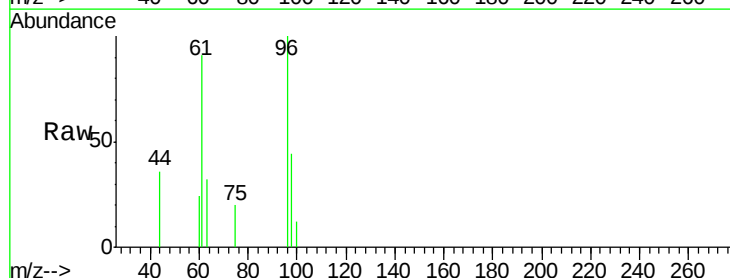
Tgt Ion: 96 Resp: 1920

Ion Ratio Lower Upper

96 100

61 119.7 0.0 306.6

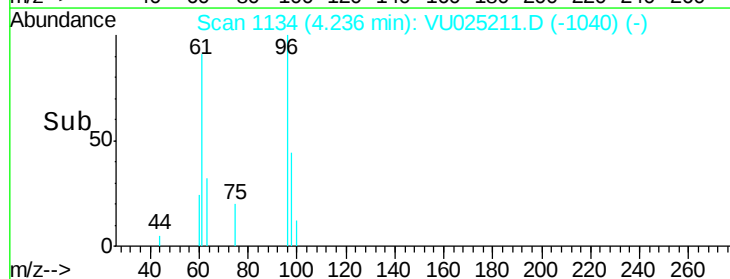
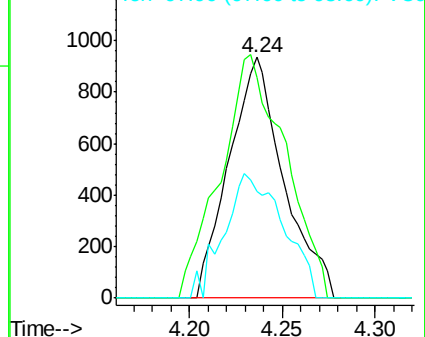
98 55.7 0.0 128.8



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





#33

1,2-Dichloroethane-d4

Concen: 44.872 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025211.D

Acq: 05 Jul 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

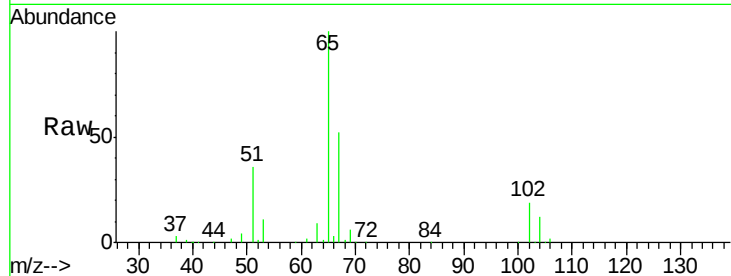
WP021MW012-180627

Tot Ion: 65 Resp: 153496

Ion Ratio Lower Upper

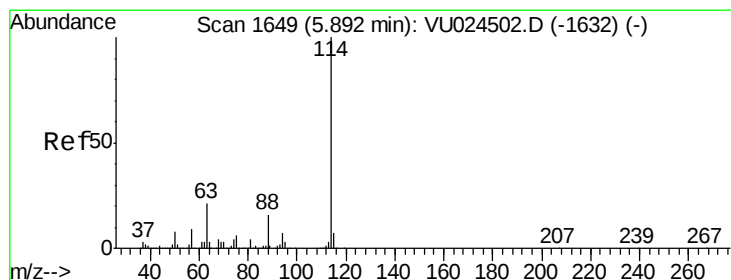
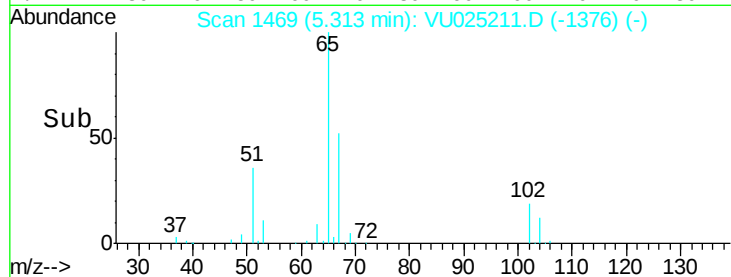
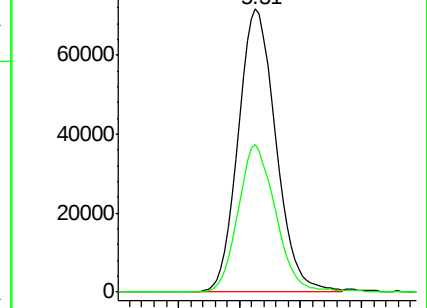
65 100

67 51.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU025211.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025211.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025211.D

Acq: 05 Jul 2018 13:23

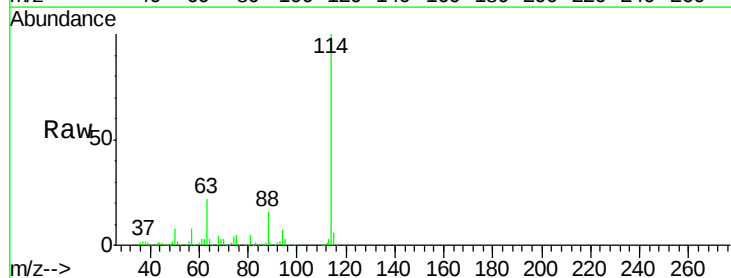
Tgt Ion: 114 Resp: 311303

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.4

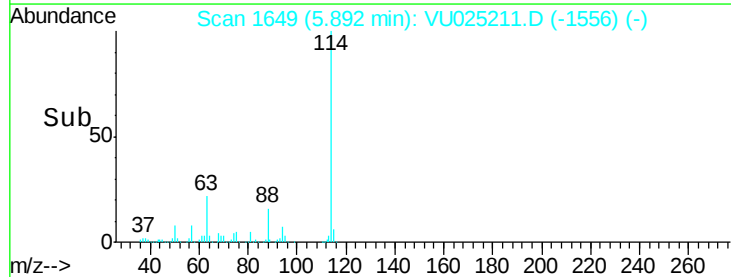
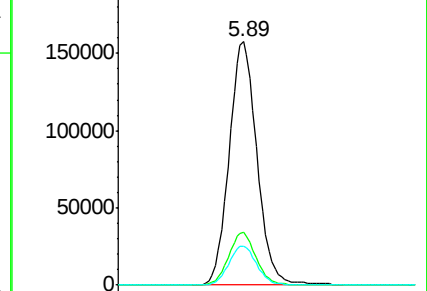
88 16.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU025211.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU025211.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025211.D (-1556) (-)

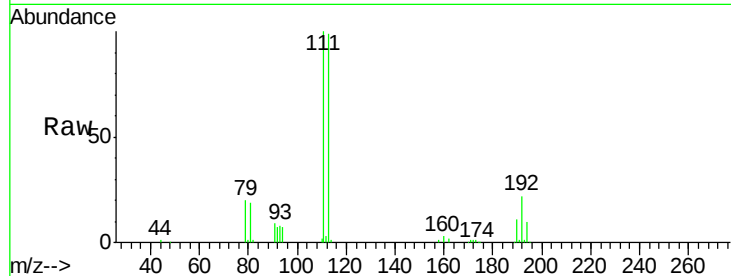




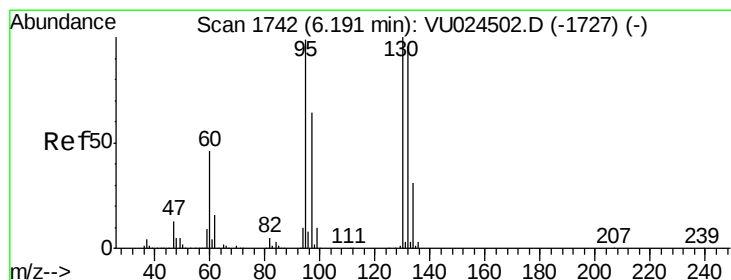
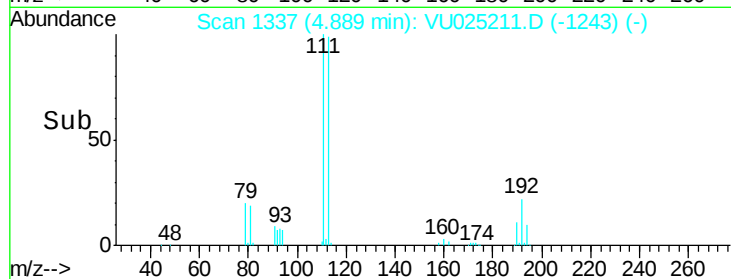
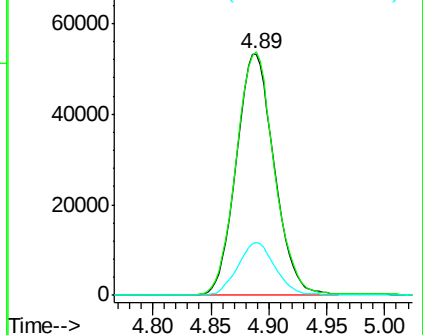
#35
Dibromofluoromethane
Concen: 46.969 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025211.D
Acq: 05 Jul 2018 13:23

Instrument :
MSVOA_U
ClientSampleId :
WP021MW012-180627

Tot Ion:113 Resp: 121347
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 21.5 16.2 24.4

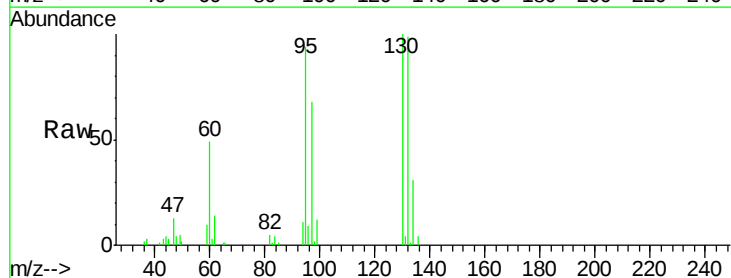


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

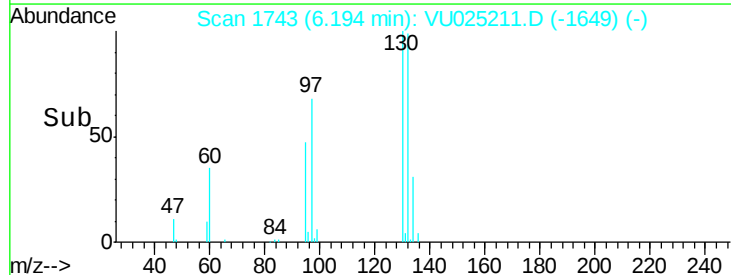
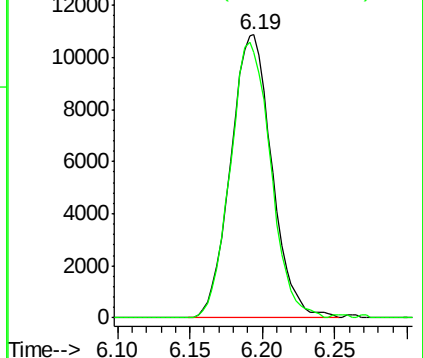


#44
Trichloroethene
Concen: 7.246 ug/l
RT: 6.19 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VU025211.D
Acq: 05 Jul 2018 13:23

Tgt Ion:130 Resp: 21495
Ion Ratio Lower Upper
130 100
95 93.8 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 47.228 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025211.D

Acq: 05 Jul 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

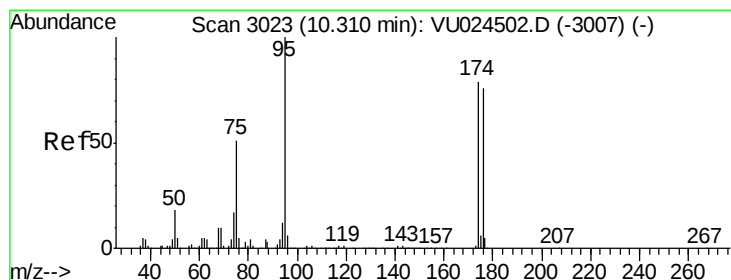
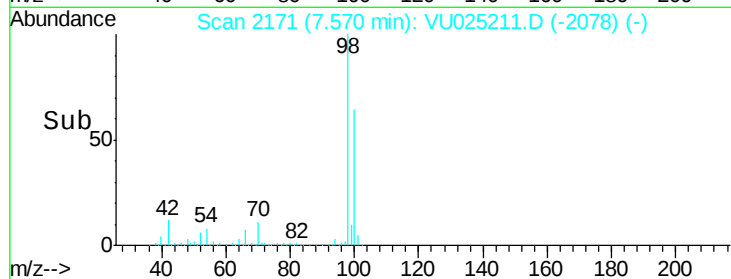
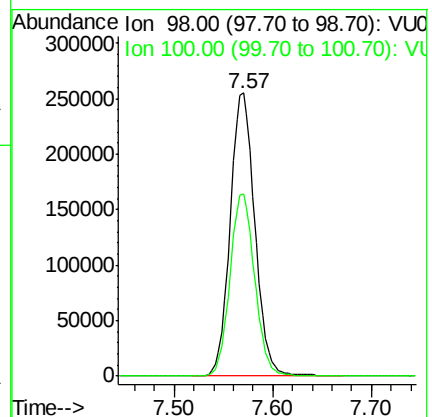
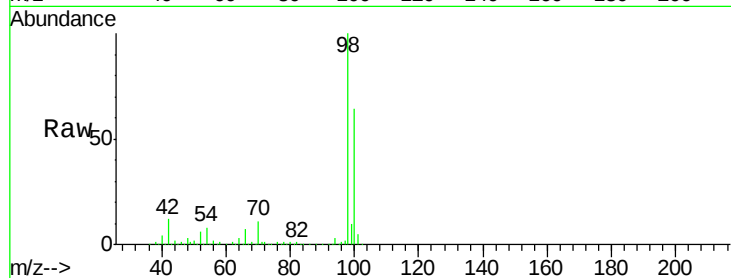
WP021MW012-180627

Tot Ion: 98 Resp: 445066

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.352 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025211.D

Acq: 05 Jul 2018 13:23

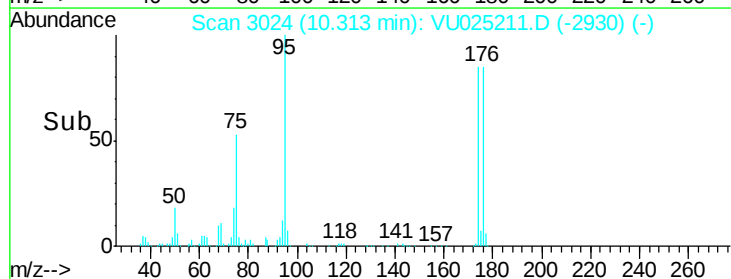
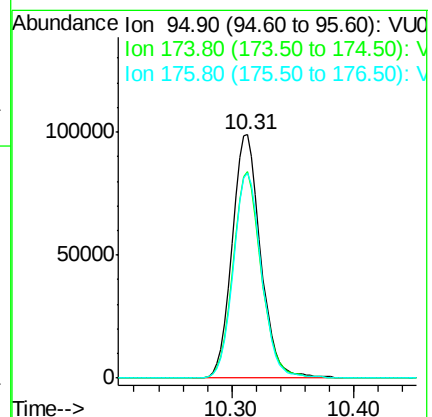
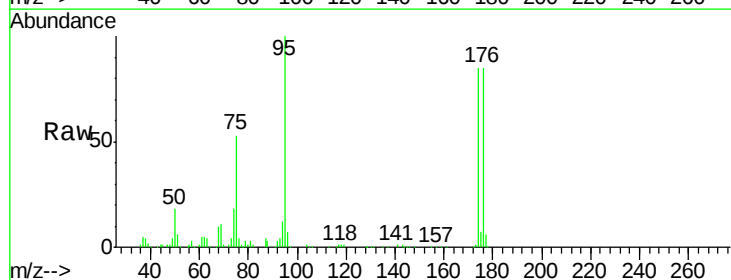
Tgt Ion: 95 Resp: 162207

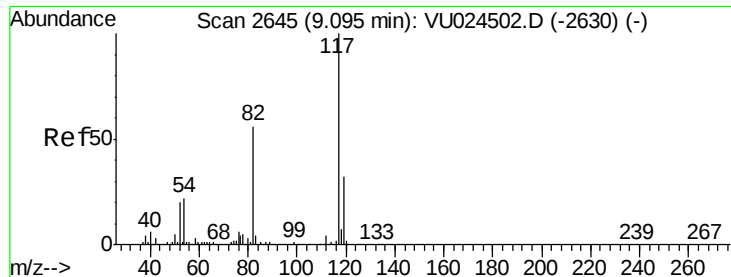
Ion Ratio Lower Upper

95 100

174 83.8 0.0 165.8

176 83.3 0.0 159.4

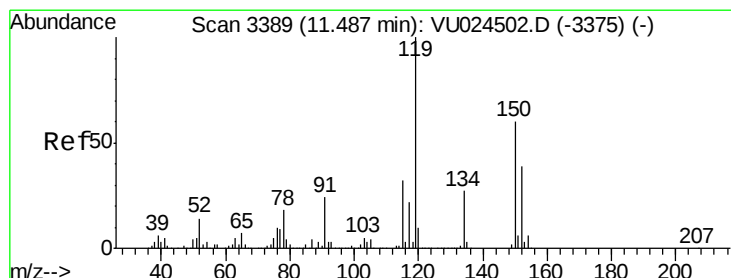
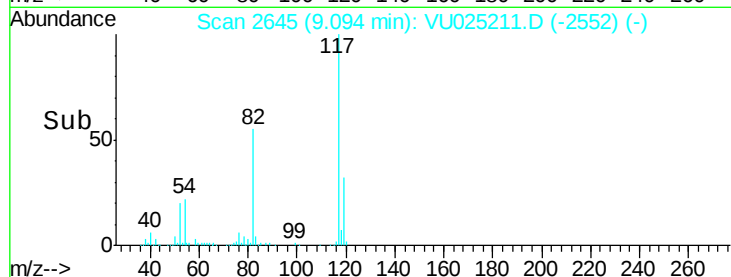
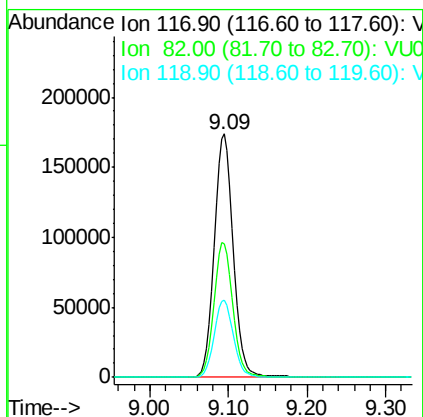
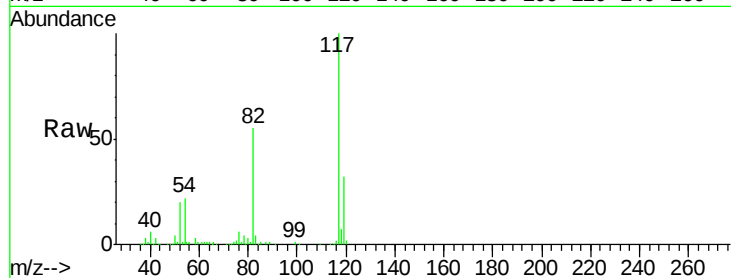




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025211.D
Acq: 05 Jul 2018 13:23

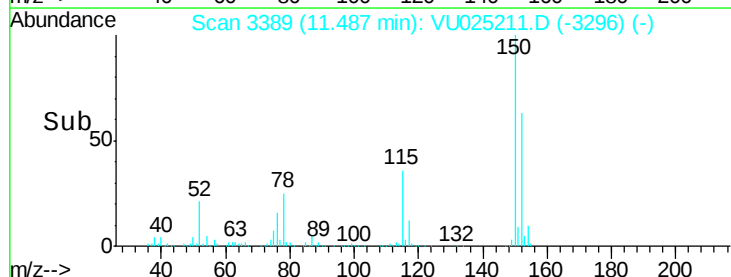
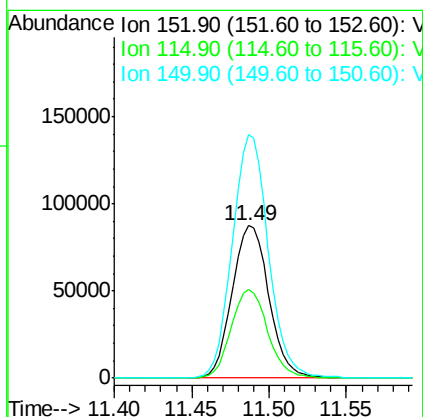
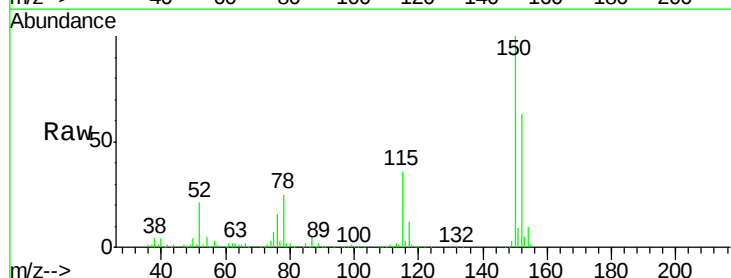
Instrument :
MSVOA_U
ClientSampleId :
WP021MW012-180627

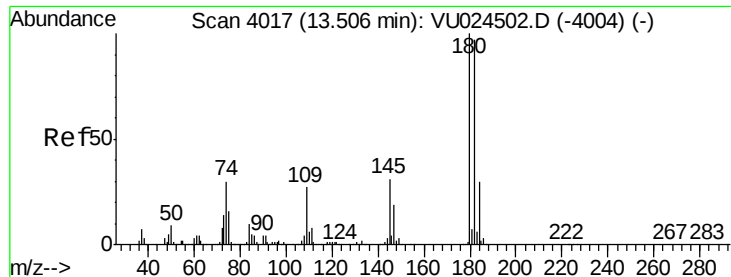
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	31.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025211.D
Acq: 05 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	43.0	129.0
150	156.6	0.0	354.0

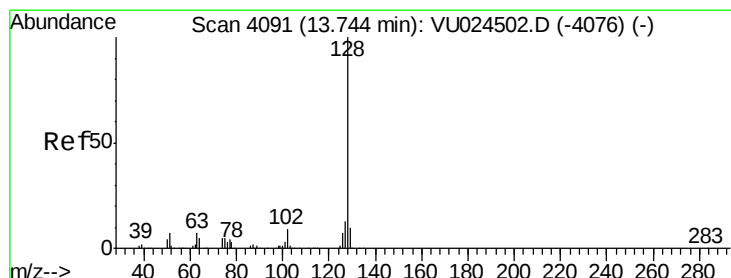
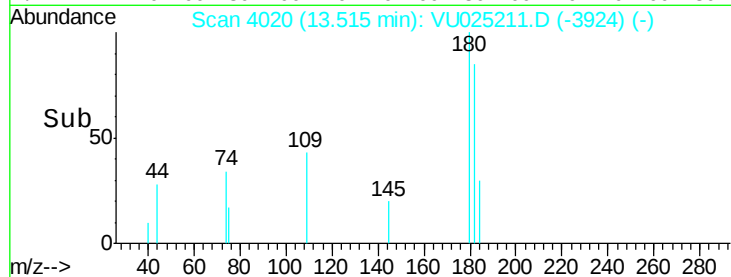
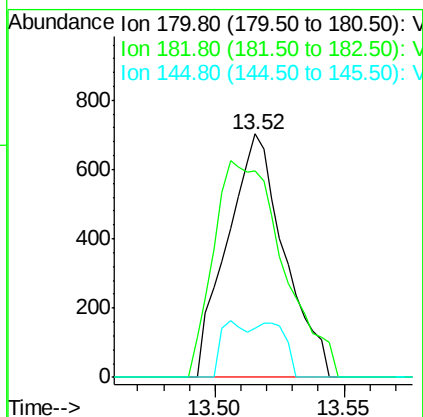
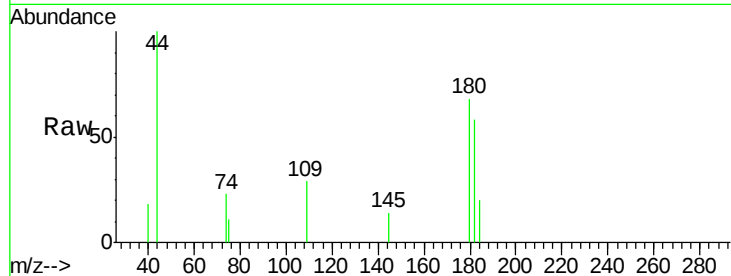




#93
 1,2,4-Trichlorobenzene
 Concen: 0.336 ug/l
 RT: 13.52 min Scan# 4020
 Delta R.T. 0.01 min
 Lab File: VU025211.D
 Acq: 05 Jul 2018 13:23

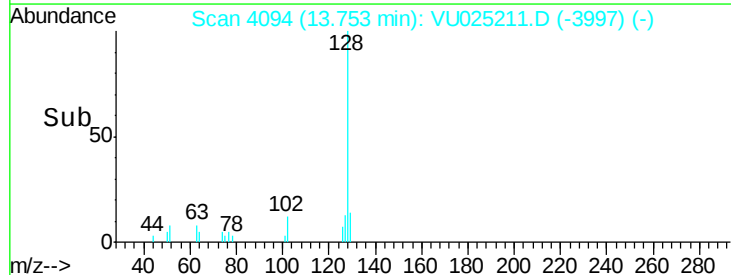
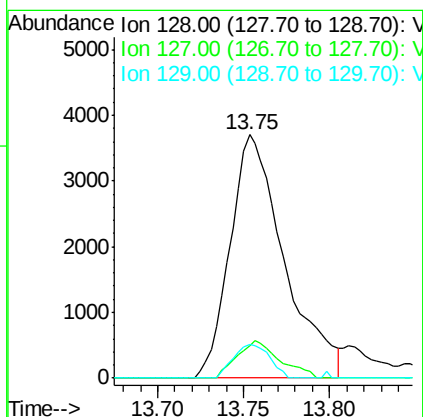
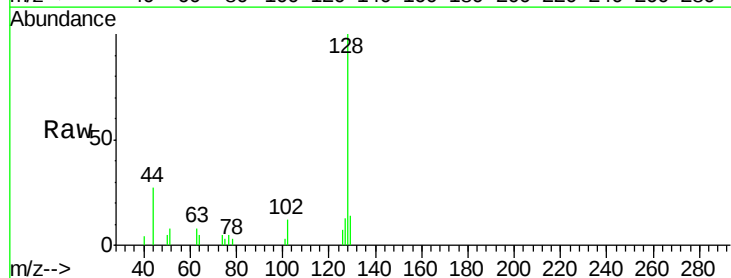
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW012-180627

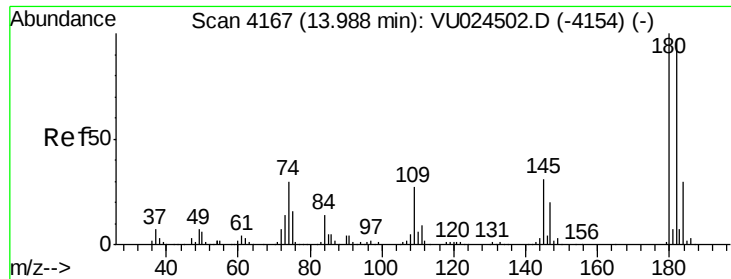
Tot Ion:180 Resp: 1081
 Ion Ratio Lower Upper
 180 100
 182 108.3 48.0 144.2
 145 10.4 14.7 44.1#



#95
 Naphthalene
 Concen: 1.431 ug/l
 RT: 13.75 min Scan# 4094
 Delta R.T. 0.01 min
 Lab File: VU025211.D
 Acq: 05 Jul 2018 13:23

Tgt Ion:128 Resp: 8104
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.6 16.0
 129 9.3 8.6 12.8





#96

1,2,3-Trichlorobenzene

Concen: 0.509 ug/l

RT: 13.99 min Scan# 4169

Delta R.T. 0.01 min

Lab File: VU025211.D

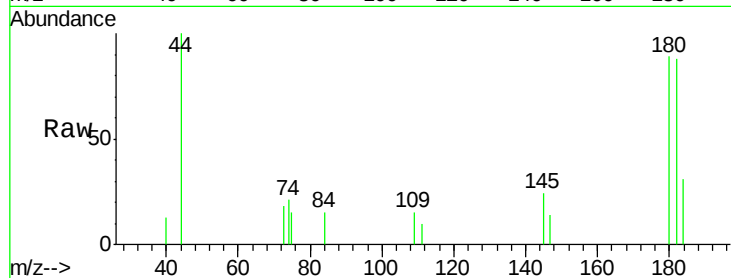
Acq: 05 Jul 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

WP021MW012-180627



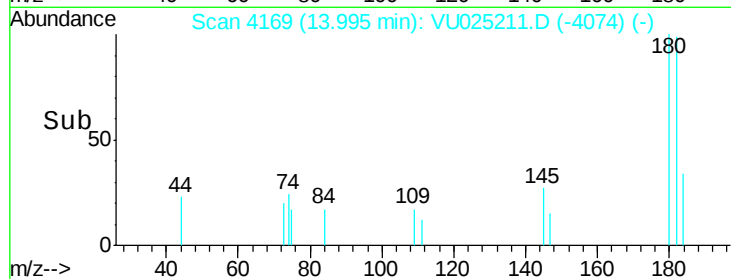
Tot Ion:180 Resp: 1630

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.7

145 26.1 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

