

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025313.D
 Acq On : 11 Jul 2018 14:38
 Operator : MD/SY
 Sample : J3898-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW218-180703

Quant Time: Jul 12 07:16:00 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

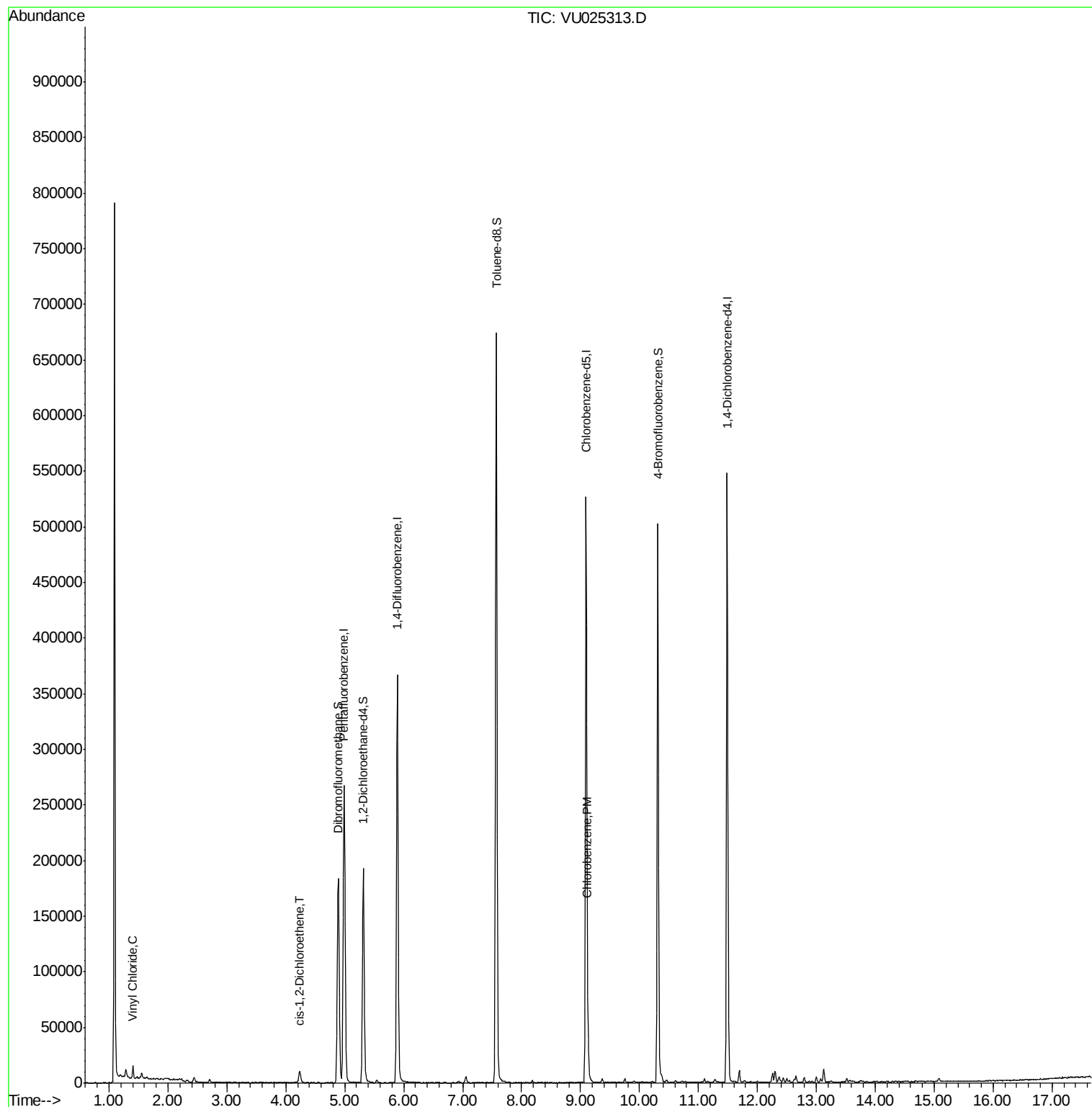
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	209538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314909	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	291755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156055	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
35) Dibromofluoromethane	4.89	113	124764	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	7.57	98	454034	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	10.31	95	167345	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
4) Vinyl Chloride	1.40	62	6371	2.674	ug/l	96
27) cis-1,2-Dichloroethene	4.24	96	5997	2.135	ug/l	93
65) Chlorobenzene	9.12	112	25495	3.498	ug/l	99

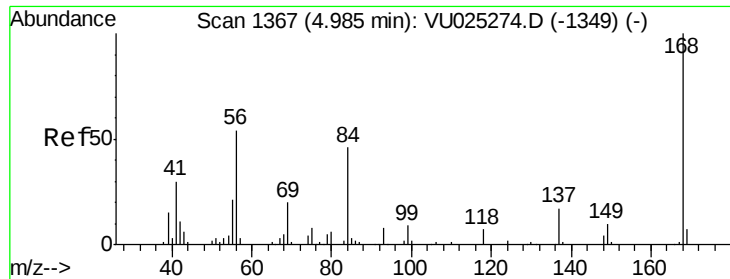
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025313.D

Acq: 11 Jul 2018 14:38

Instrument :

MSVOA_U

ClientSampleId :

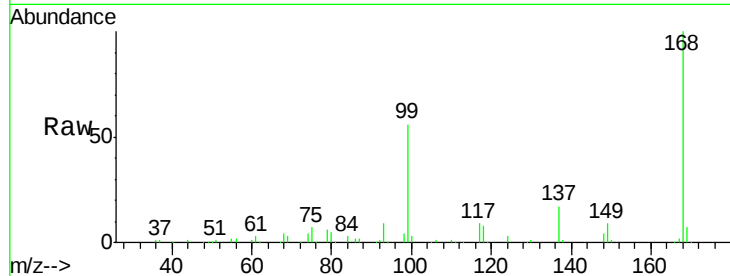
SS037MW218-180703

Tot Ion:168 Resp: 209538

Ion Ratio Lower Upper

168 100

99 55.6 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

100000

80000

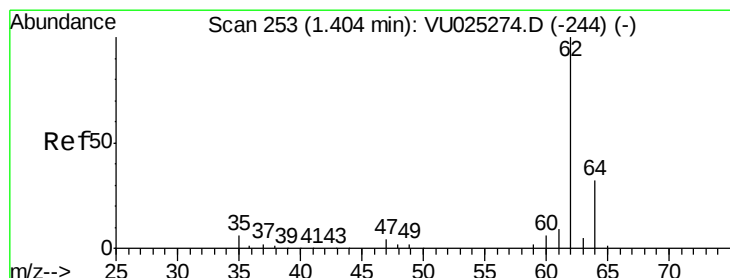
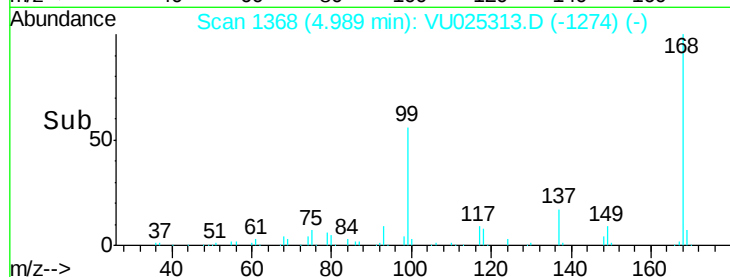
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 2.674 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025313.D

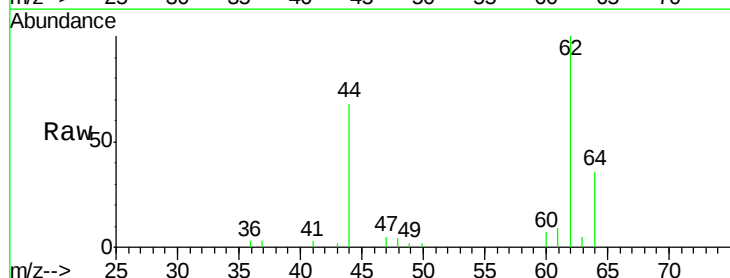
Acq: 11 Jul 2018 14:38

Tgt Ion: 62 Resp: 6371

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU025274.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025274.D (-244) (-)

1.40

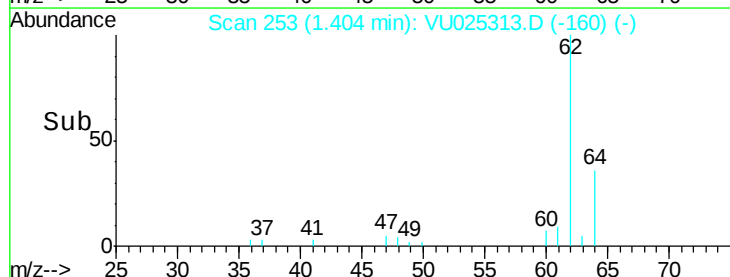
6000

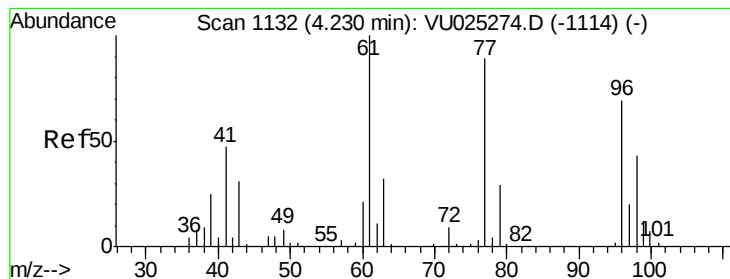
4000

2000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.135 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.01 min

Lab File: VU025313.D

Acq: 11 Jul 2018 14:38

Instrument :

MSVOA_U

ClientSampleId :

SS037MW218-180703

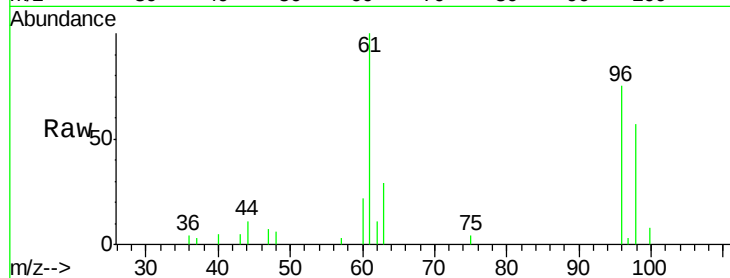
Tot Ion: 96 Resp: 5997

Ion Ratio Lower Upper

96 100

61 139.2 0.0 299.8

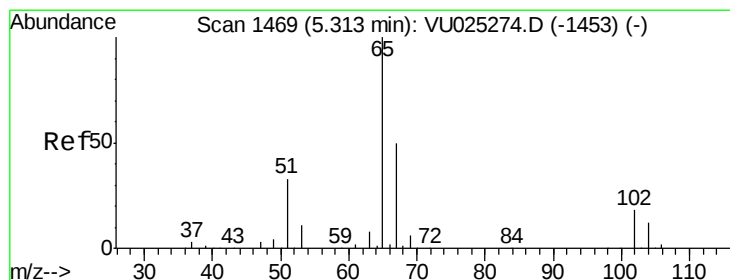
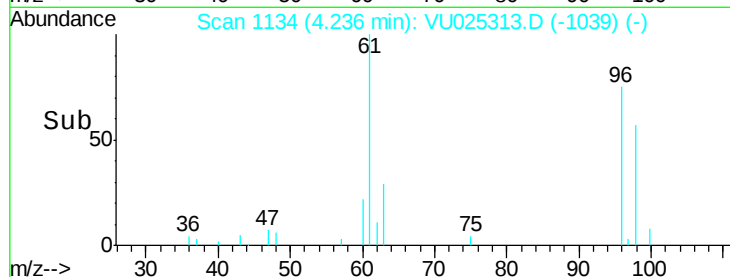
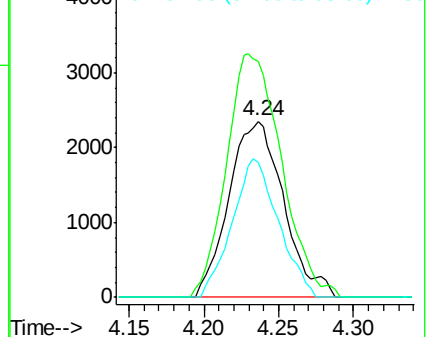
98 66.4 0.0 128.6



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: 47.937 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025313.D

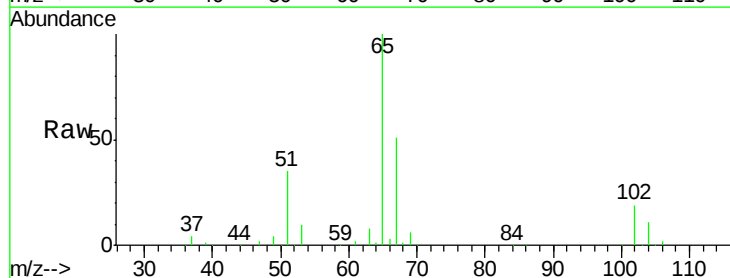
Acq: 11 Jul 2018 14:38

Tgt Ion: 65 Resp: 156055

Ion Ratio Lower Upper

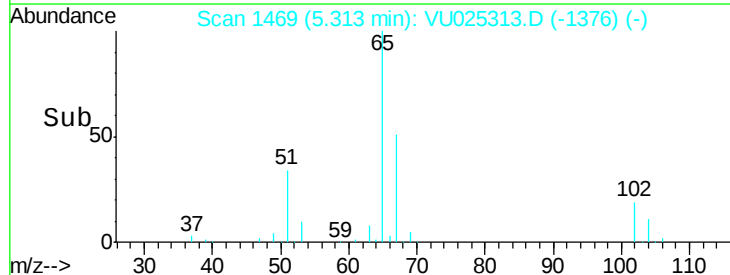
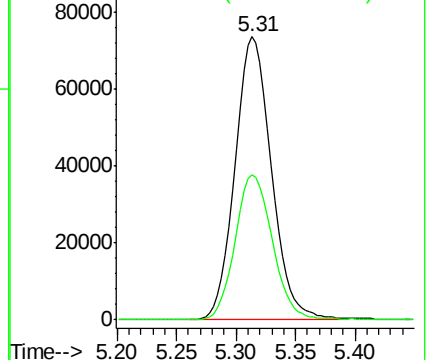
65 100

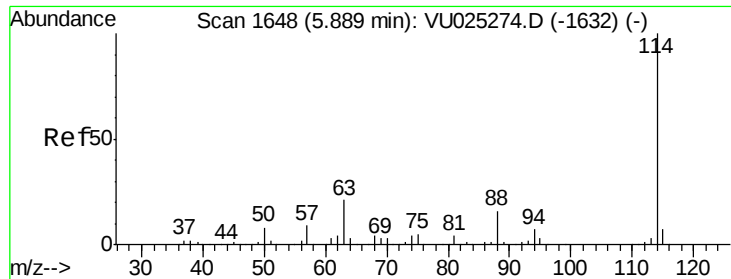
67 52.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

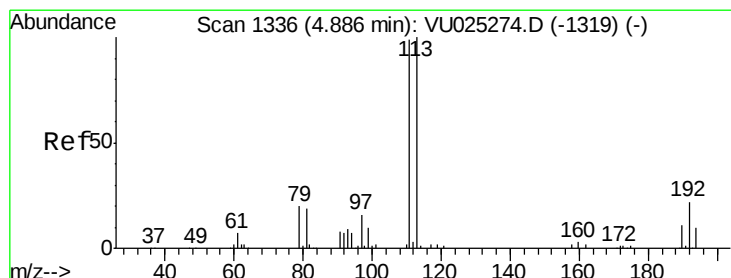
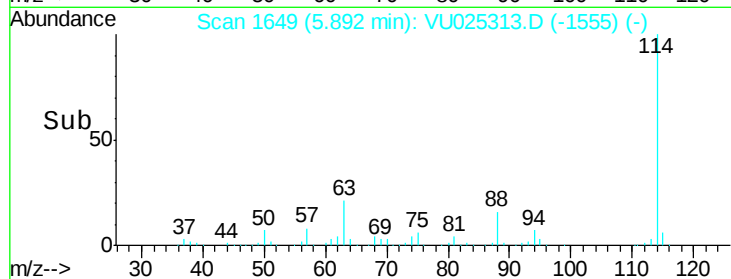
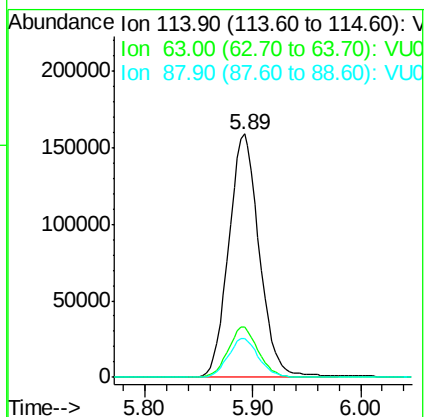
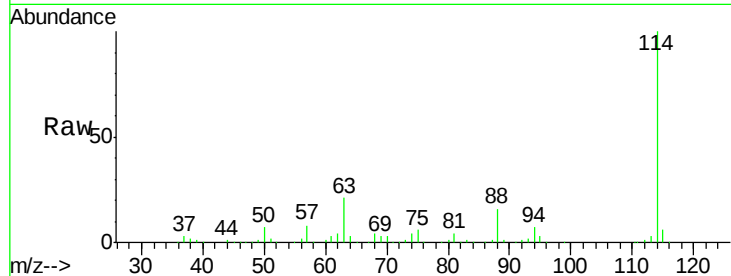




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025313.D
 Acq: 11 Jul 2018 14:38

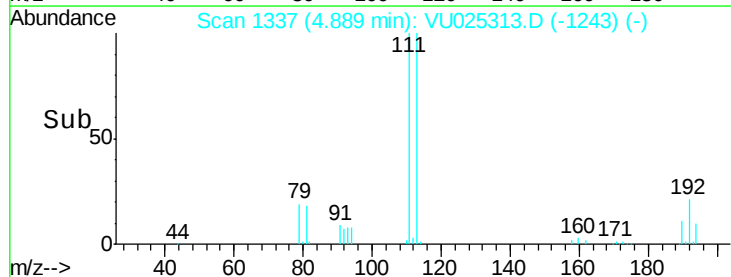
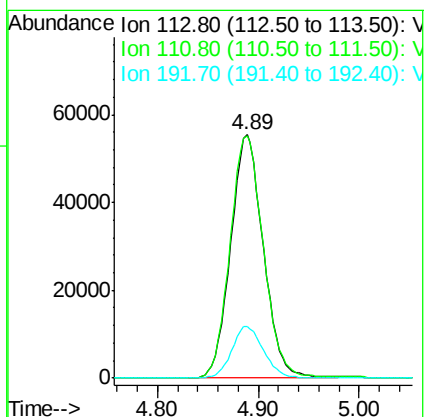
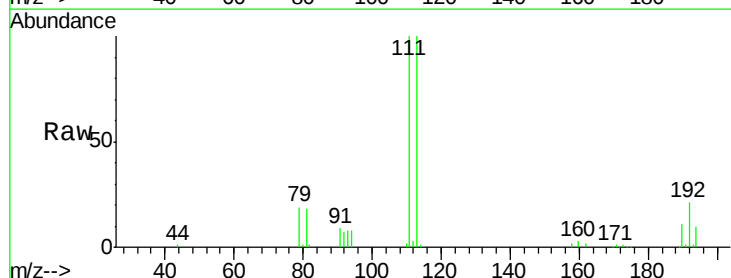
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW218-180703

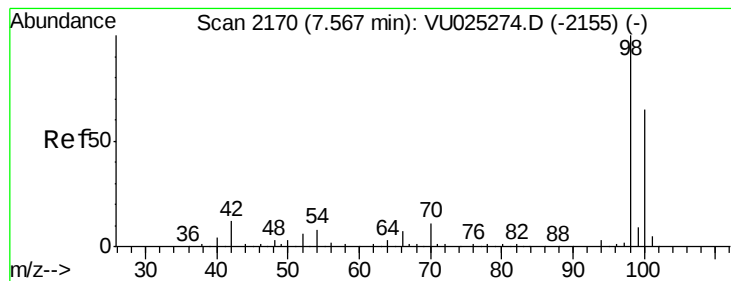
Tot Ion:114 Resp: 314909
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.6
 88 16.1 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 46.965 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025313.D
 Acq: 11 Jul 2018 14:38

Tgt Ion:113 Resp: 124764
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.7 122.5
 192 20.7 17.1 25.7





#50

Toluene-d8

Concen: 49.911 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025313.D

Acq: 11 Jul 2018 14:38

Instrument :

MSVOA_U

ClientSampleId :

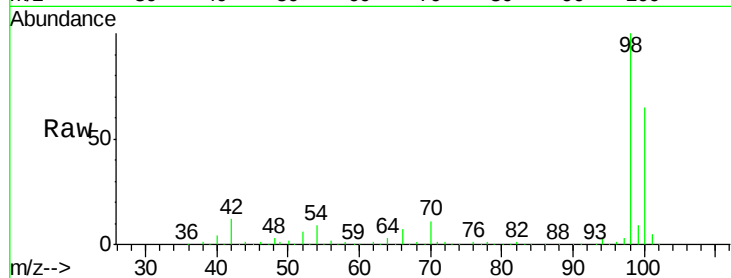
SS037MW218-180703

Tot Ion: 98 Resp: 454034

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025274.D (-2155) (-)

Ion 100.00 (99.70 to 100.70): VU025274.D (-2155) (-)

7.57

250000

200000

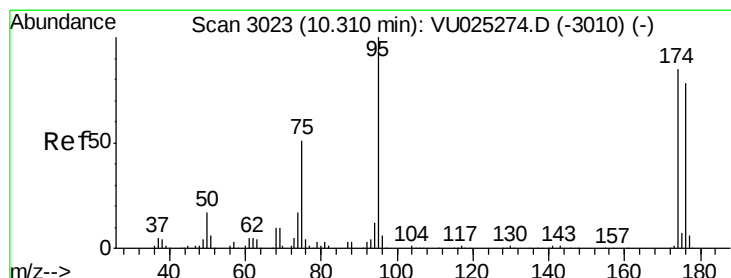
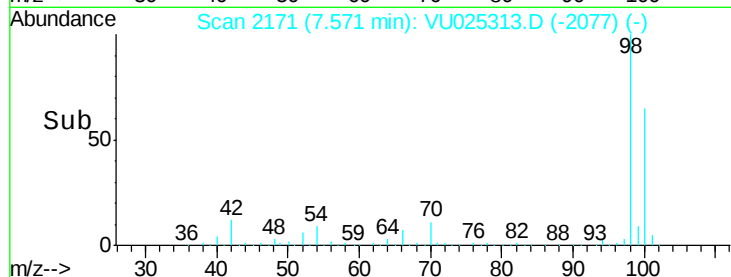
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.692 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025313.D

Acq: 11 Jul 2018 14:38

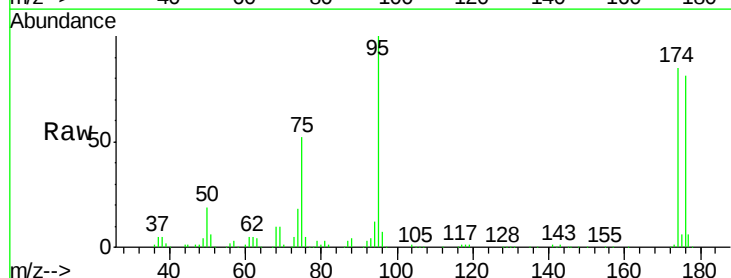
Tgt Ion: 95 Resp: 167345

Ion Ratio Lower Upper

95 100

174 84.5 0.0 172.2

176 80.6 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) (-)

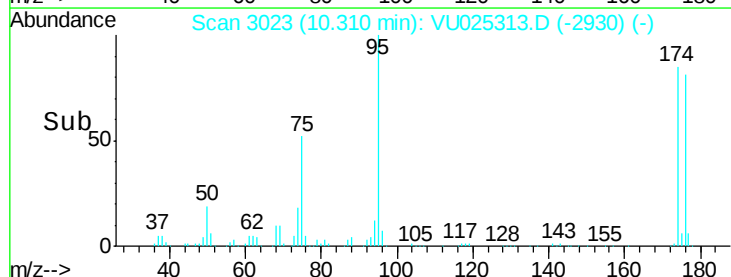
10.31

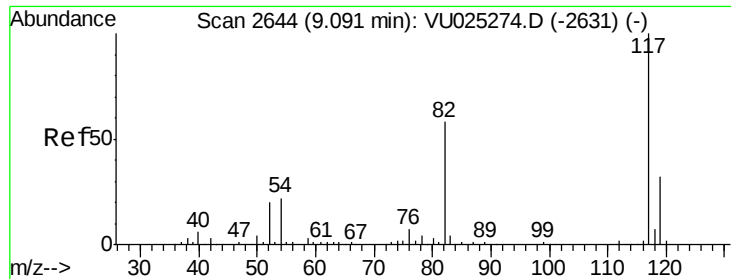
100000

50000

0

Time-->

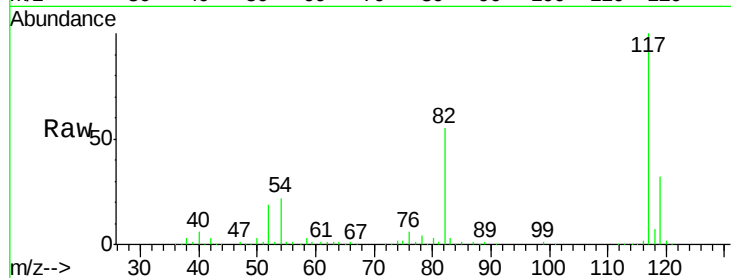




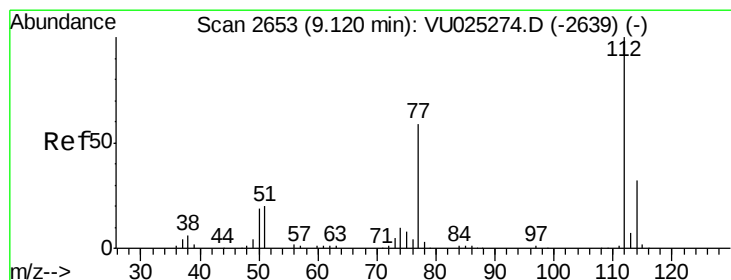
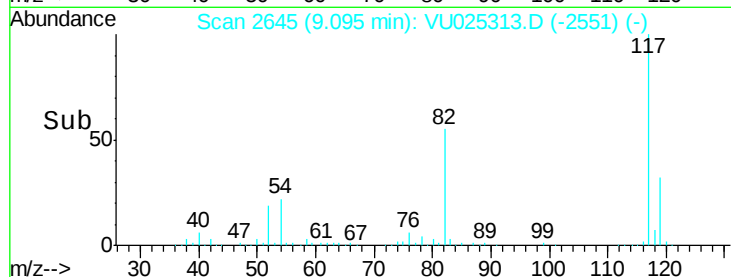
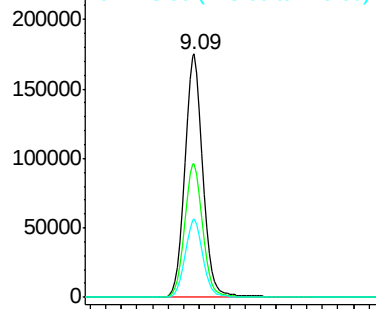
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025313.D
Acq: 11 Jul 2018 14:38

Instrument :
MSVOA_U
ClientSampleId :
SS037MW218-180703

Tot Ion:117 Resp: 291755
Ion Ratio Lower Upper
117 100
82 54.9 46.0 69.0
119 32.3 26.0 39.0

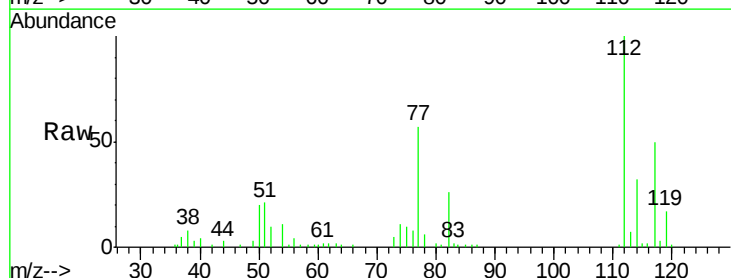


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

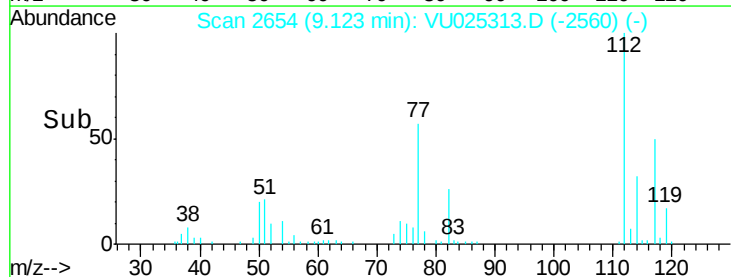
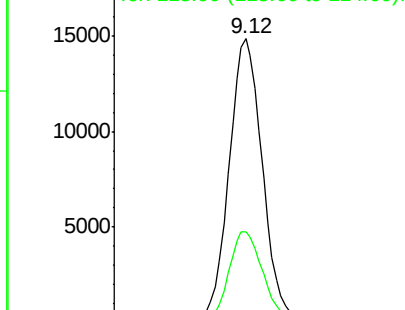


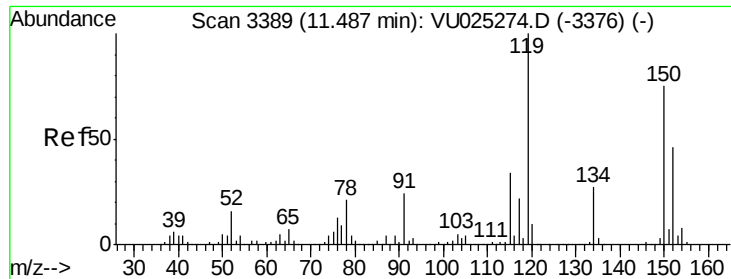
#65
Chlorobenzene
Concen: 3.498 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025313.D
Acq: 11 Jul 2018 14:38

Tgt Ion:112 Resp: 25495
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

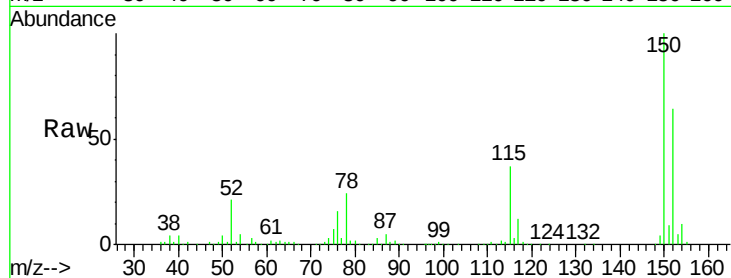




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU025313.D
 Acq: 11 Jul 2018 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW218-180703

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	40.1	120.3
150	156.2	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

