

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025141.D
 Acq On : 02 Jul 2018 14:22
 Operator : MD/SY
 Sample : J3759-15DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW120-180626DL

Quant Time: Jul 03 04:47:47 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

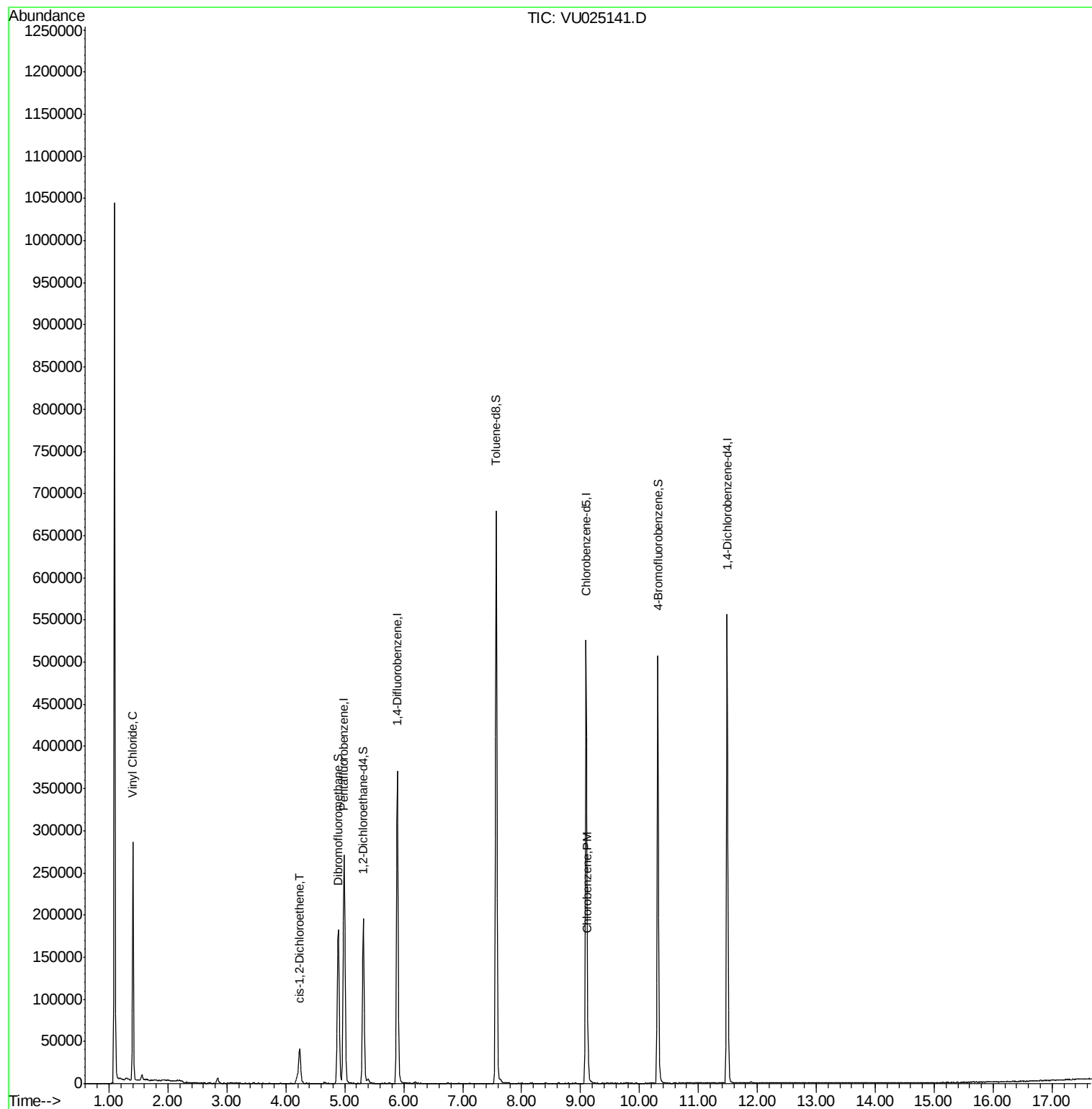
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	211504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312919	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	159505	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
35) Dibromofluoromethane	4.89	113	123575	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	7.57	98	453600	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	10.31	95	167069	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
Target Compounds						
4) Vinyl Chloride	1.40	62	177183	63.52	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	23103	7.58	ug/l	88
65) Chlorobenzene	9.12	112	22128	2.98	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025141.D

Acq: 02 Jul 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

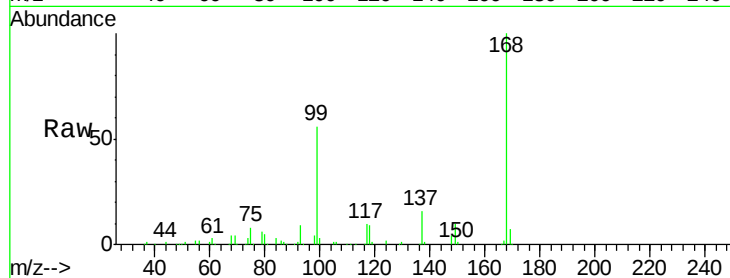
WP021MW120-180626DL

Tot Ion:168 Resp: 211504

Ion Ratio Lower Upper

168 100

99 55.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

100000

80000

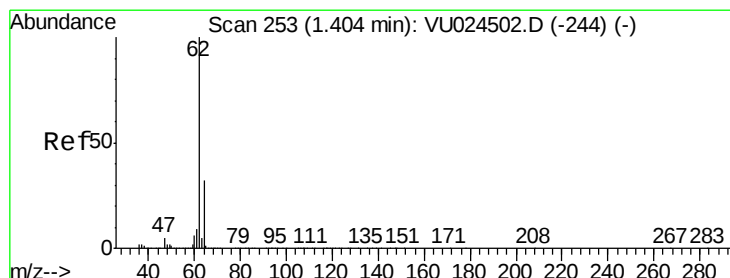
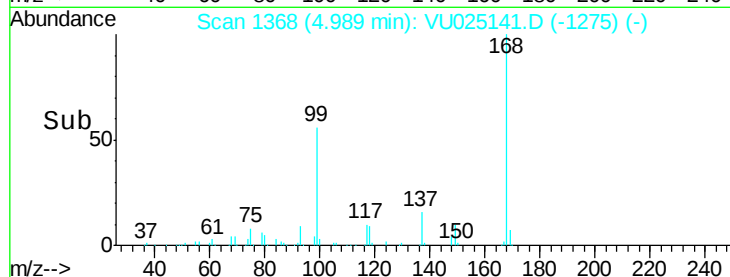
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 63.52 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025141.D

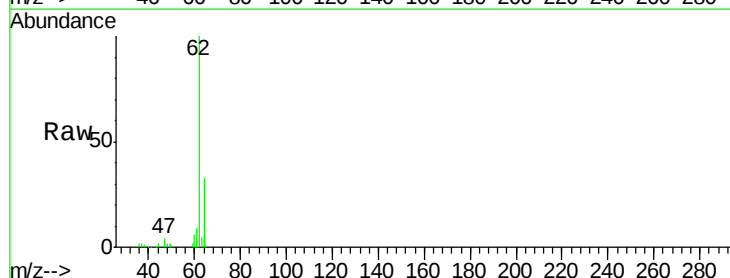
Acq: 02 Jul 2018 14:22

Tgt Ion: 62 Resp: 177183

Ion Ratio Lower Upper

62 100

64 32.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

200000

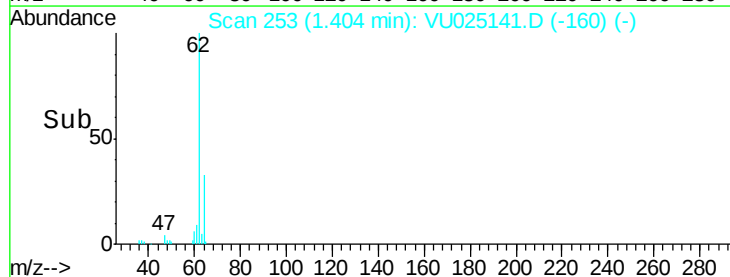
150000

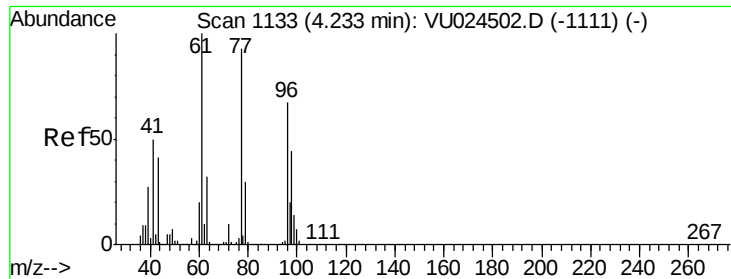
100000

50000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 7.58 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025141.D

Acq: 02 Jul 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

WP021MW120-180626DL

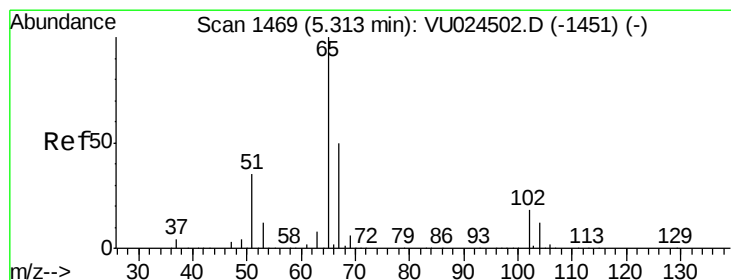
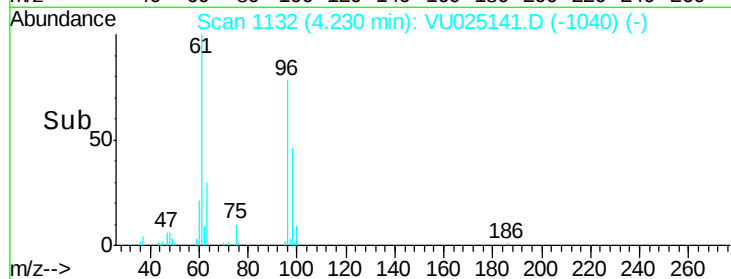
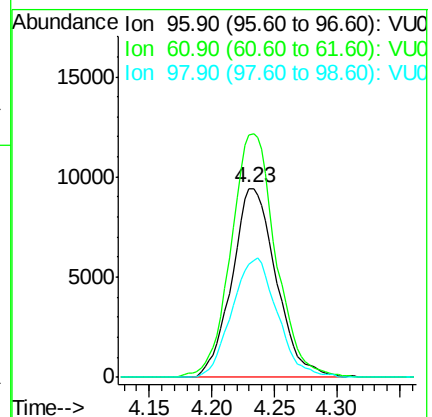
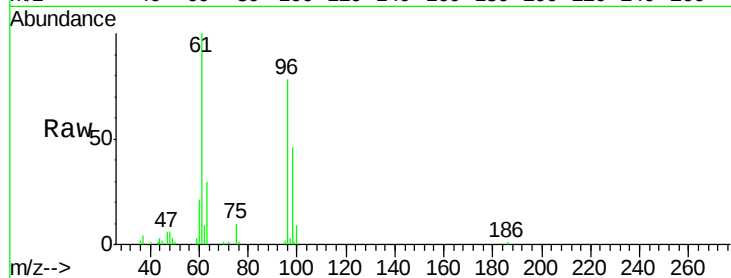
Tot Ion: 96 Resp: 23103

Ion Ratio Lower Upper

96 100

61 130.7 0.0 306.6

98 64.4 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.20 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025141.D

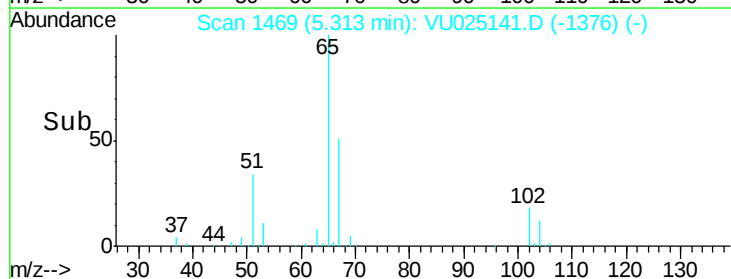
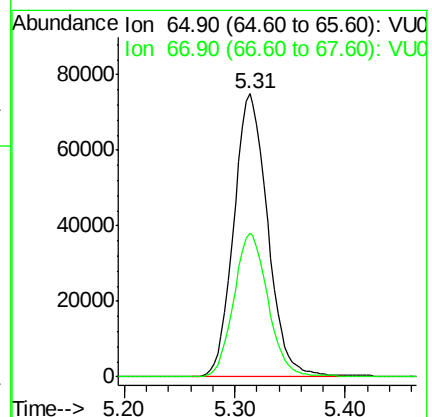
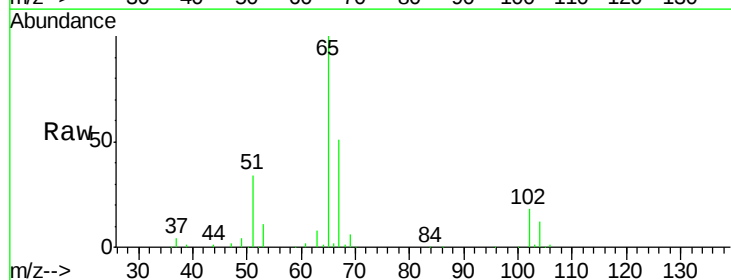
Acq: 02 Jul 2018 14:22

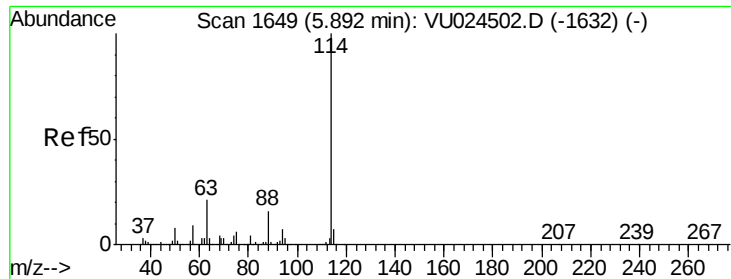
Tgt Ion: 65 Resp: 159505

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.0

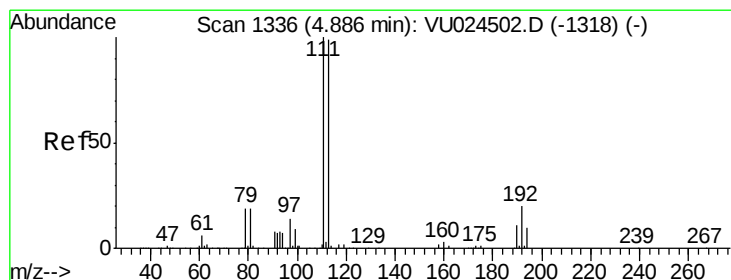
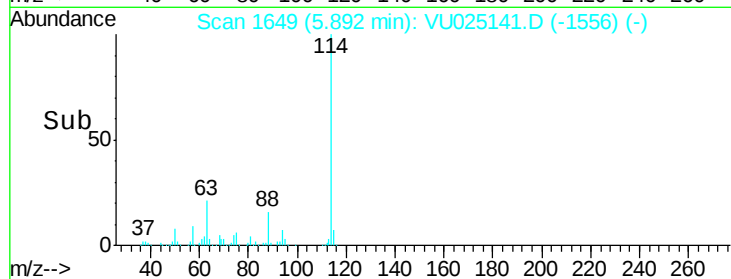
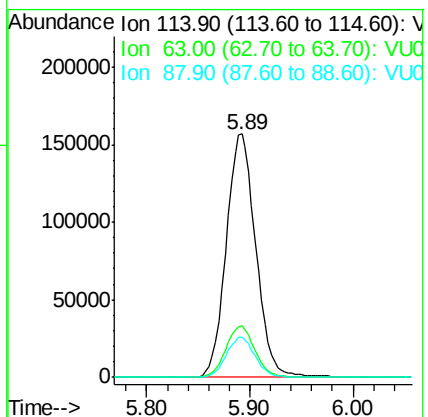
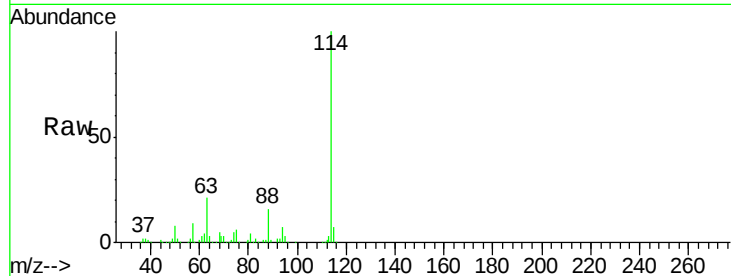




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025141.D
 Acq: 02 Jul 2018 14:22

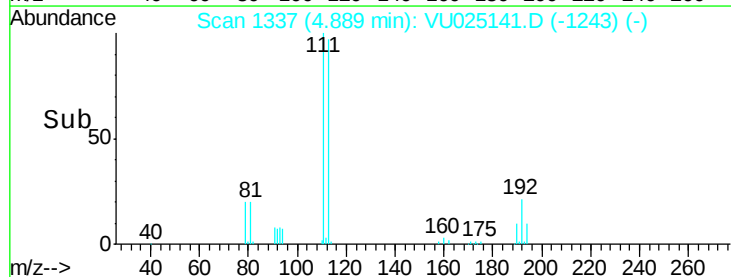
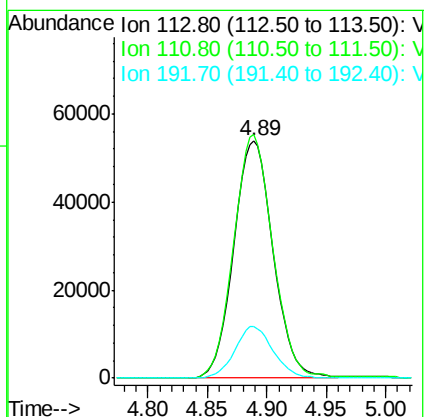
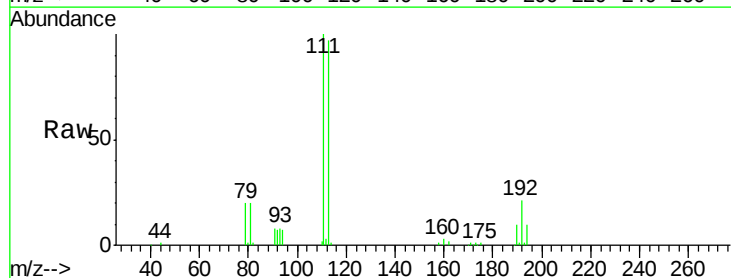
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW120-180626DL

Tot Ion	114	Resp: Lower	312919 Upper
114	100		
63	21.0	0.0	45.4
88	16.4	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 47.58 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025141.D
 Acq: 02 Jul 2018 14:22

Tgt	Ion:113	Resp:	123575
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	21.2	16.2	24.4





#50

Toluene-d8

Concen: 47.88 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025141.D

Acq: 02 Jul 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

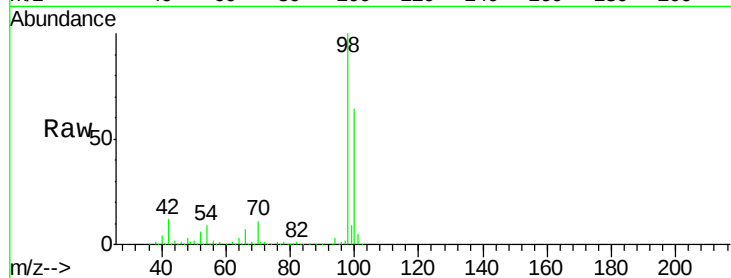
WP021MW120-180626DL

Tot Ion: 98 Resp: 453600

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

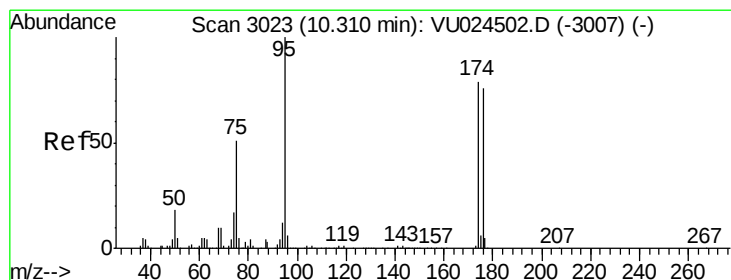
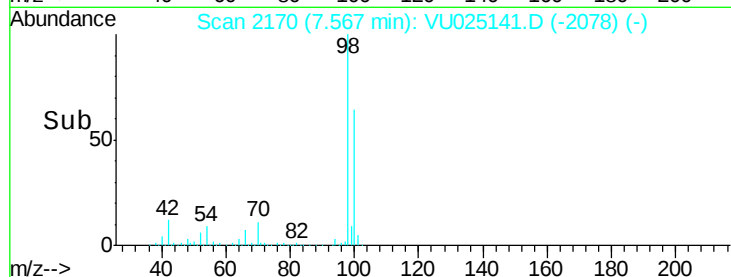
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.42 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025141.D

Acq: 02 Jul 2018 14:22

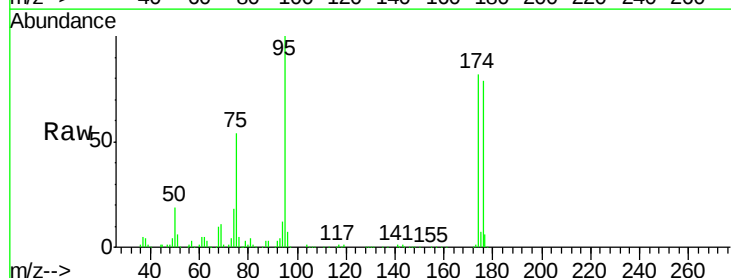
Tgt Ion: 95 Resp: 167069

Ion Ratio Lower Upper

95 100

174 83.3 0.0 165.8

176 81.2 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

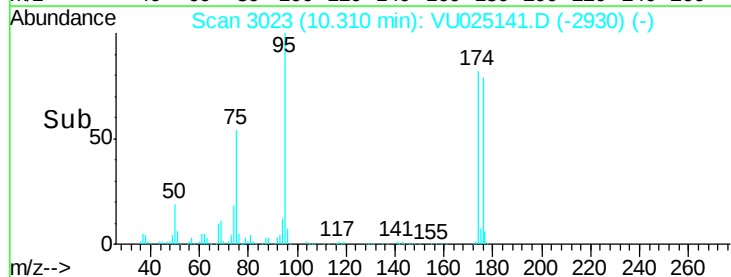
10.31

100000

50000

0

Time-->

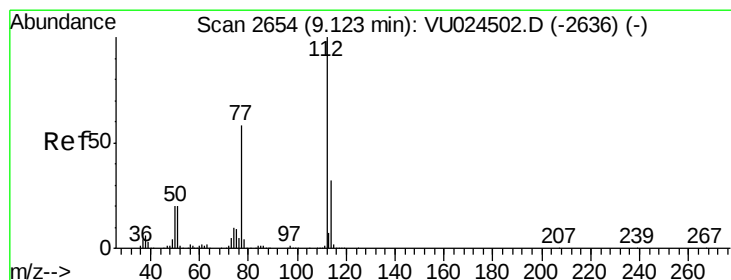
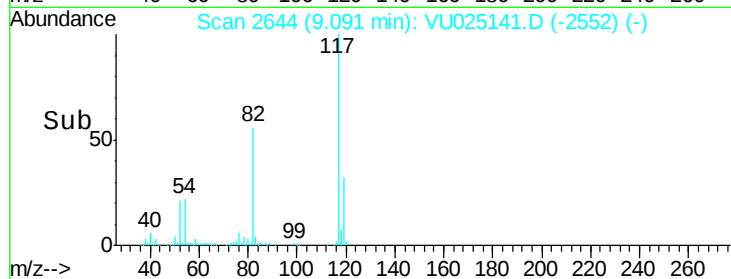
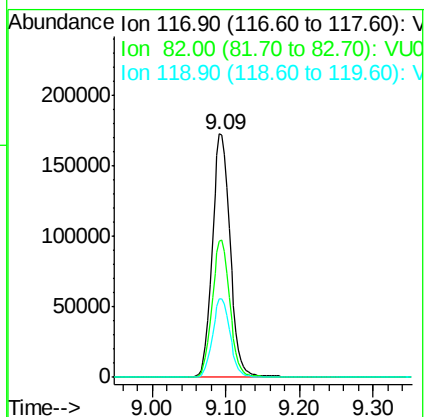
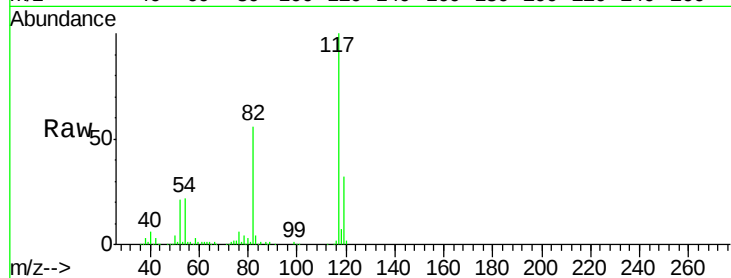




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025141.D
Acq: 02 Jul 2018 14:22

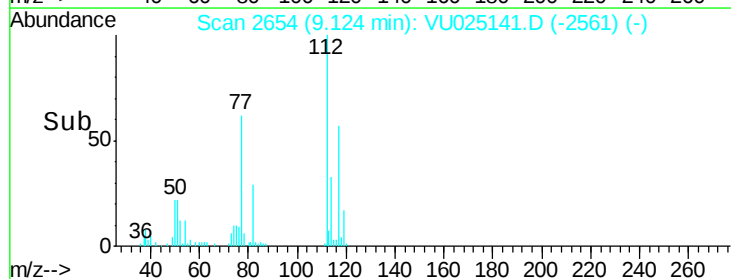
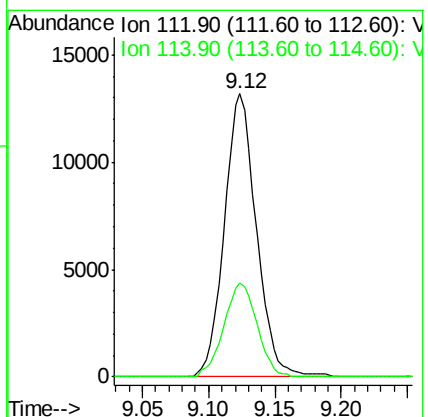
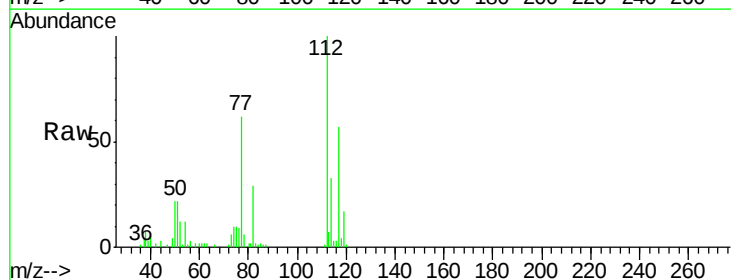
Instrument :
MSVOA_U
ClientSampleId :
WP021MW120-180626DL

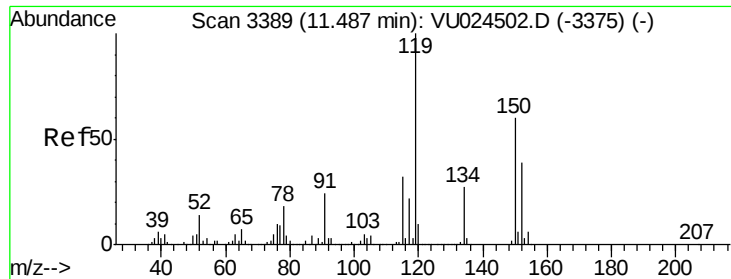
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	32.3	25.4	38.2



#65
Chlorobenzene
Concen: 2.98 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025141.D
Acq: 02 Jul 2018 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.1	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: VU025141.D

Acq: 02 Jul 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

WP021MW120-180626DL

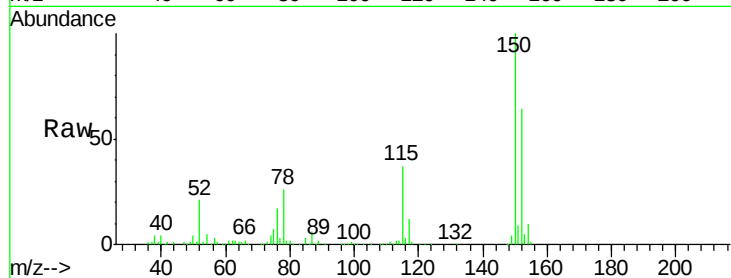
Tot Ion:152 Resp: 149668

Ion Ratio Lower Upper

152 100

115 58.3 43.0 129.0

150 154.5 0.0 354.0



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

