

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024851.D
 Acq On : 22 Jun 2018 23:04
 Operator : MD/SY
 Sample : J3662-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW174-180618

Quant Time: Jun 23 04:21:18 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	194281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	296230	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147256	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	142330	44.88	ug/l	0.00
Spiked Amount						
			Recovery	=	89.76%	
35) Dibromofluoromethane	4.89	113	113948	46.35	ug/l	0.00
Spiked Amount						
			Recovery	=	92.70%	
50) Toluene-d8	7.57	98	433740	48.37	ug/l	0.00
Spiked Amount						
			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	10.31	95	158121	44.41	ug/l	0.00
Spiked Amount						
			Recovery	=	88.82%	

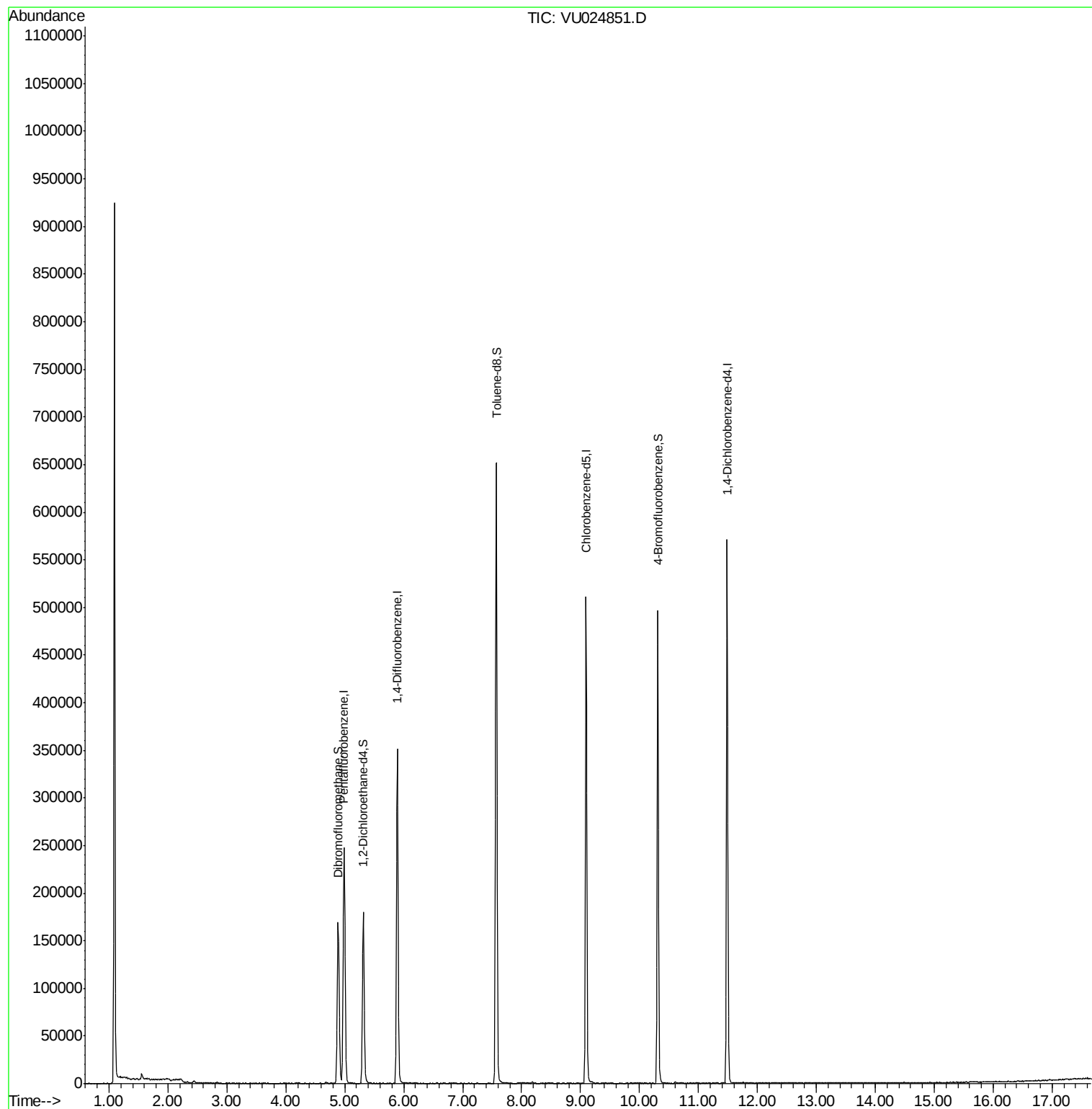
Target Compounds	Qvalue

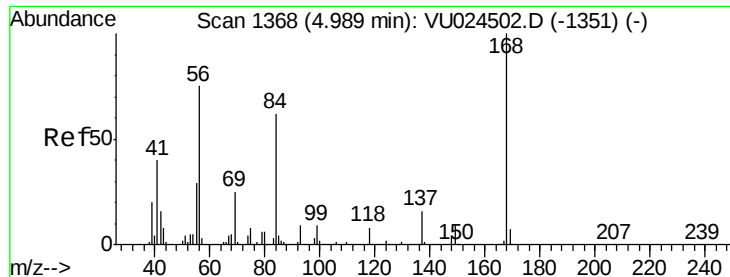
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024851.D

Acq: 22 Jun 2018 23:04

Instrument :

MSVOA_U

ClientSampleId :

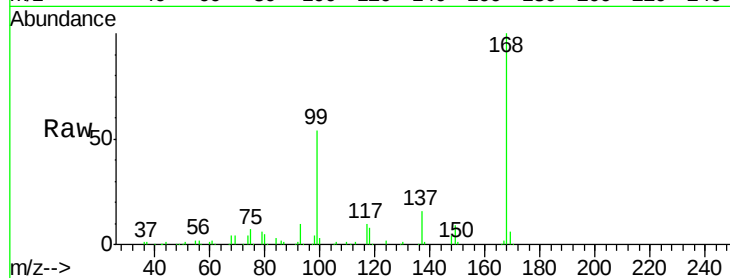
WP021MW174-180618

Tot Ion:168 Resp: 194281

Ion Ratio Lower Upper

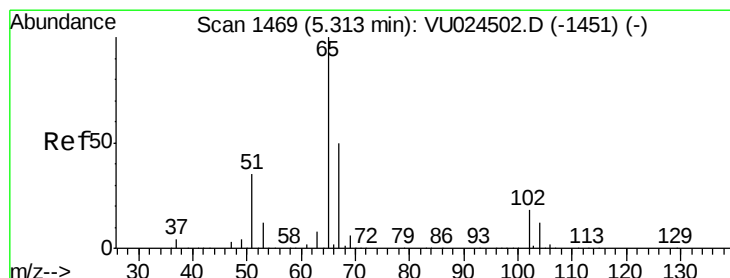
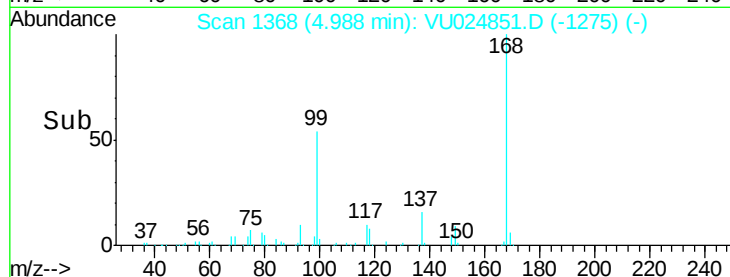
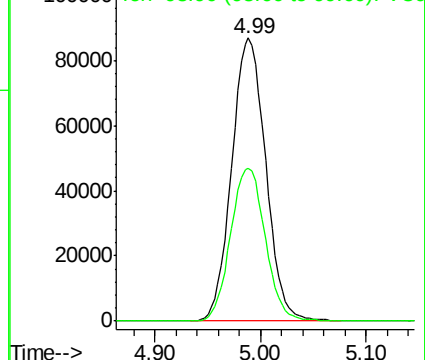
168 100

99 54.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024851.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024851.D (-1275) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.88 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024851.D

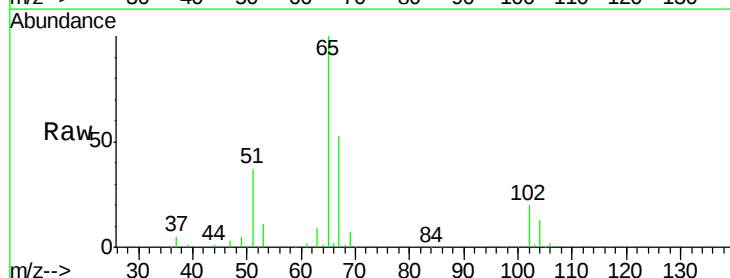
Acq: 22 Jun 2018 23:04

Tgt Ion: 65 Resp: 142330

Ion Ratio Lower Upper

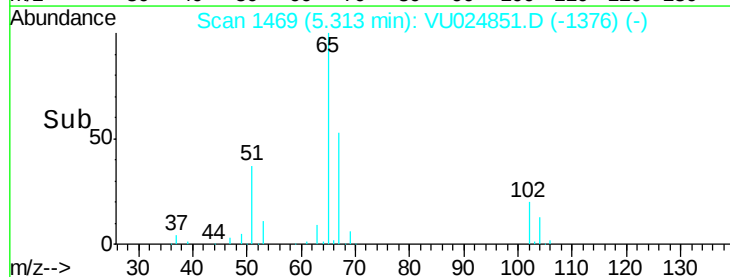
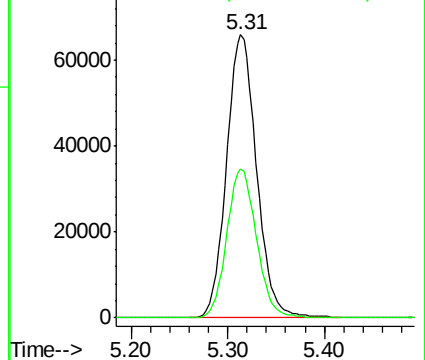
65 100

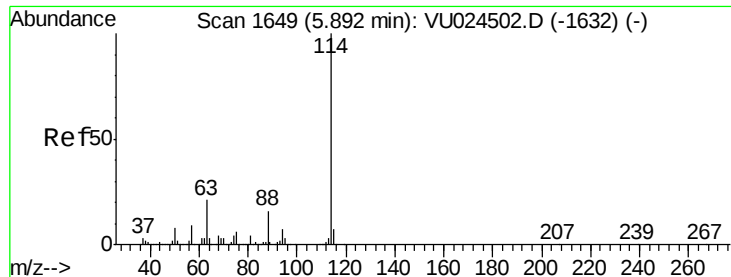
67 51.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024851.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024851.D (-1376) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024851.D

Acq: 22 Jun 2018 23:04

Instrument :

MSVOA_U

ClientSampleId :

WP021MW174-180618

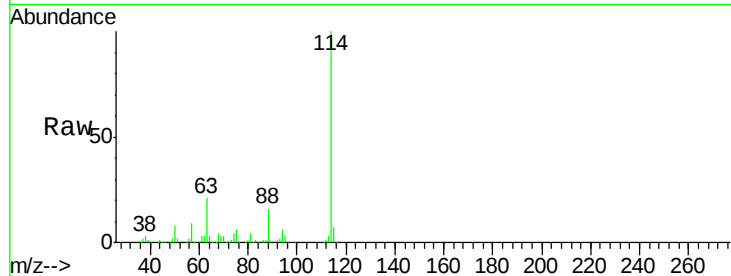
Tot Ion:114 Resp: 296230

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.4

88 16.2 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

200000

150000

100000

50000

0

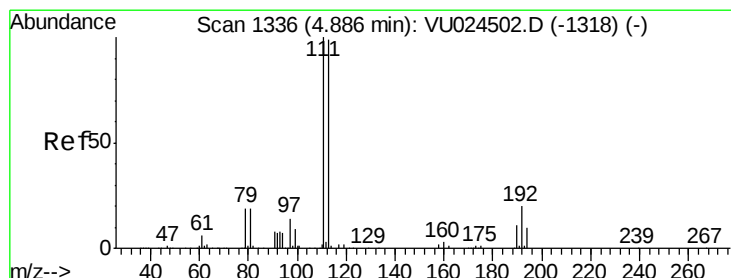
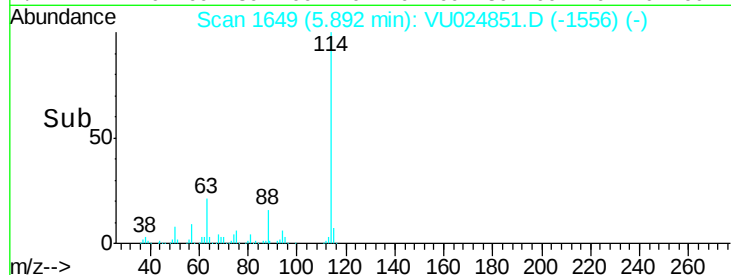
5.89

5.80

5.90

6.00

Time-->



#35

Dibromofluoromethane

Concen: 46.35 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024851.D

Acq: 22 Jun 2018 23:04

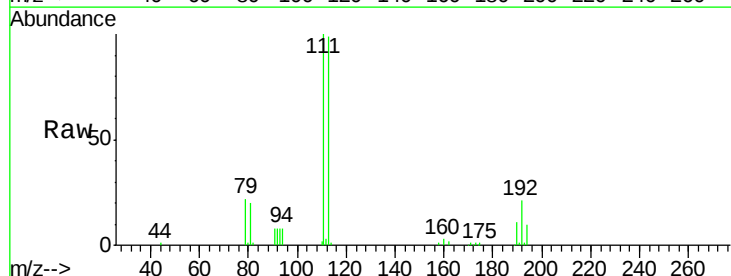
Tgt Ion:113 Resp: 113948

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 21.1 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

60000

40000

20000

0

4.89

4.80

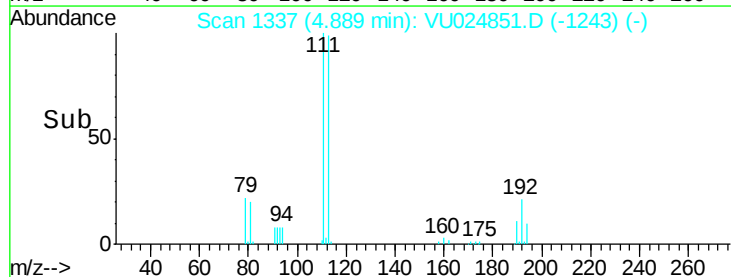
4.85

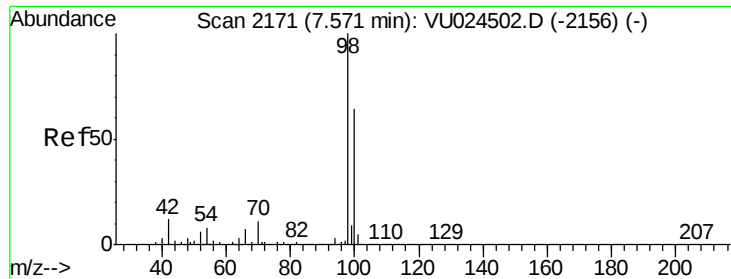
4.90

4.95

5.00

Time-->





#50

Toluene-d8

Concen: 48.37 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024851.D

Acq: 22 Jun 2018 23:04

Instrument :

MSVOA_U

ClientSampleId :

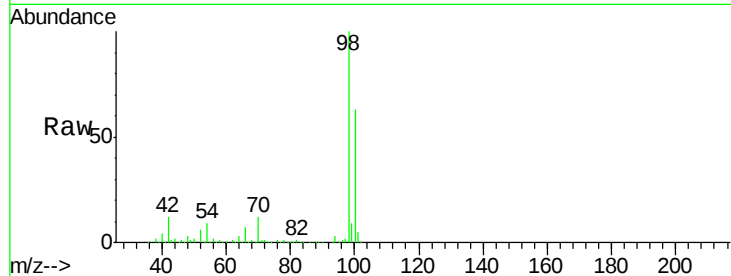
WP021MW174-180618

Tot Ion: 98 Resp: 433740

Ion Ratio Lower Upper

98 100

100 62.8 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

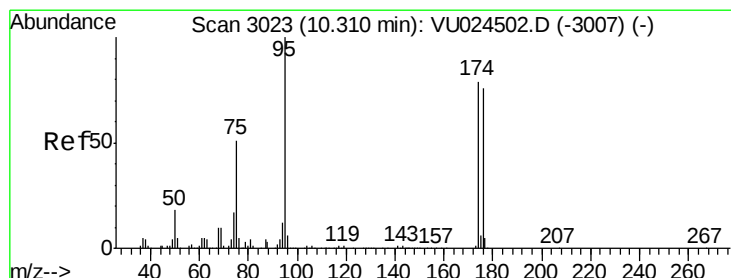
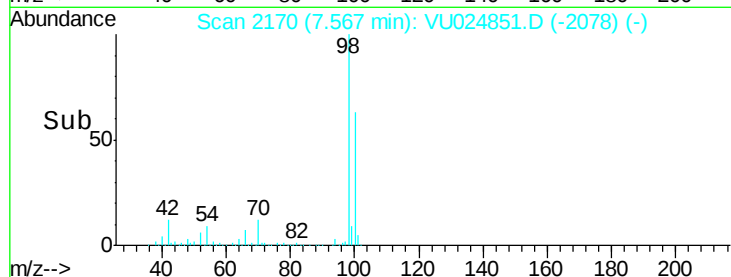
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.41 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024851.D

Acq: 22 Jun 2018 23:04

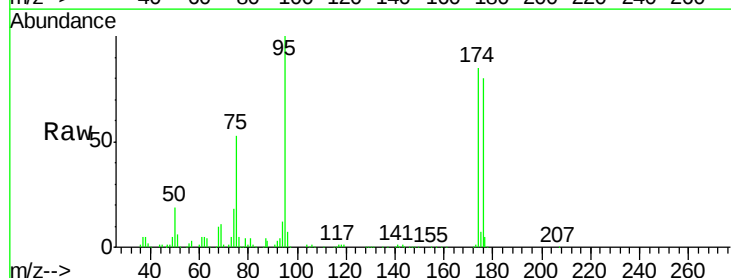
Tgt Ion: 95 Resp: 158121

Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

176 82.6 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) (-)

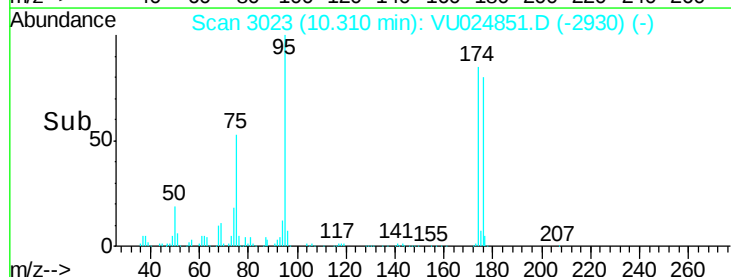
10.31

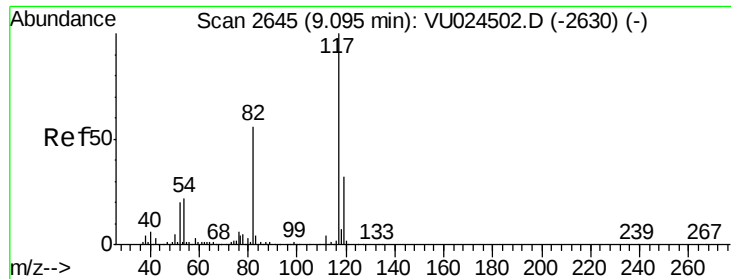
100000

50000

0

Time-->

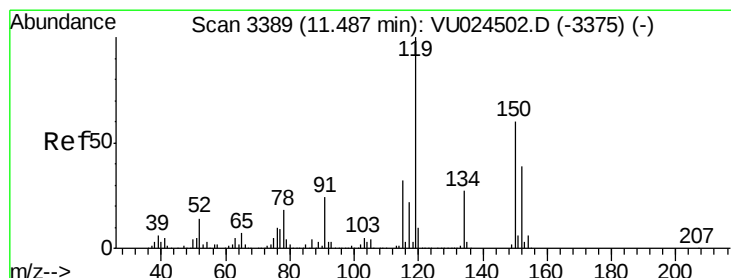
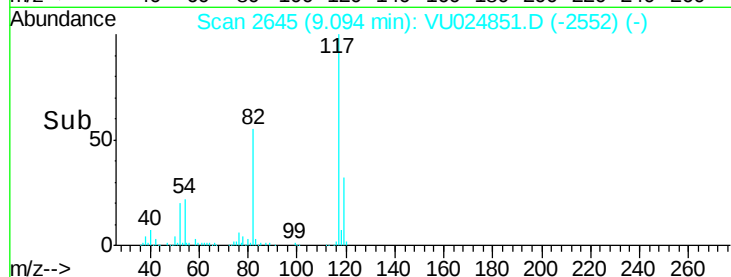
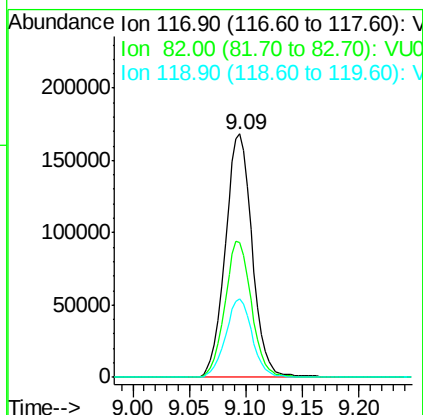
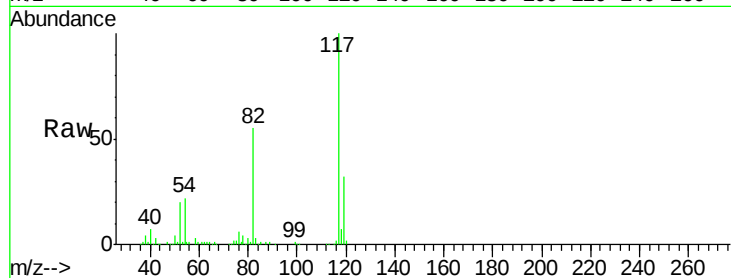




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024851.D
Acq: 22 Jun 2018 23:04

Instrument :
MSVOA_U
ClientSampleId :
WP021MW174-180618

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.3	66.5
119	32.0	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024851.D
Acq: 22 Jun 2018 23:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	43.0	129.0
150	157.0	0.0	354.0

