

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024759.D
 Acq On : 20 Jun 2018 15:48
 Operator : MD/SY
 Sample : J3577-01 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 540-IW-6

Quant Time: Jun 20 16:52:23 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	199425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308797	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155552	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	140606	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	4.89	113	119376	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	7.57	98	449877	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	10.31	95	164740	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	

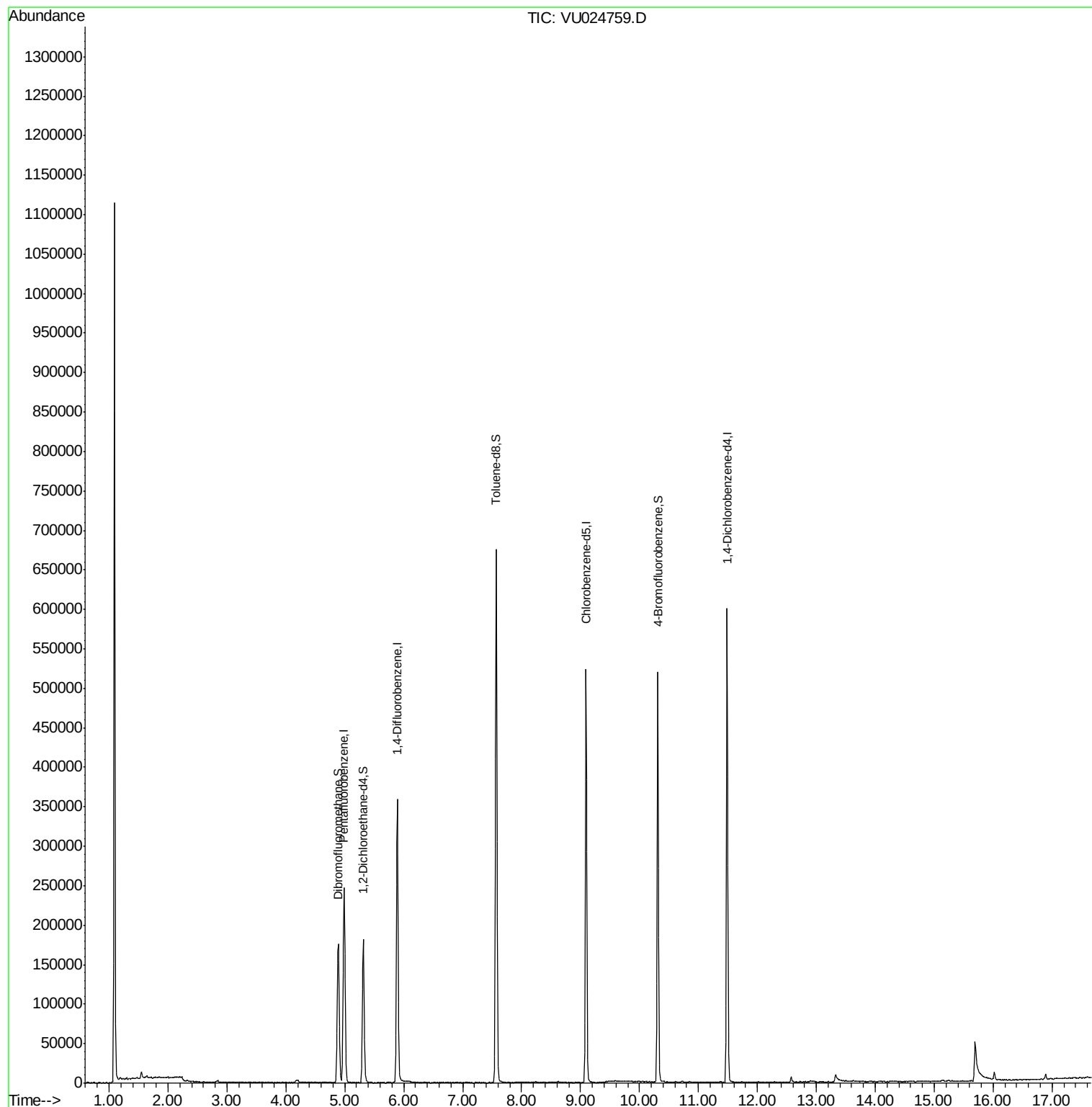
Target Compounds	Qvalue
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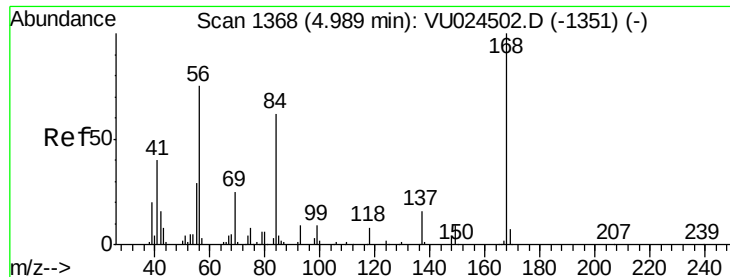
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024759.D

Acq: 20 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

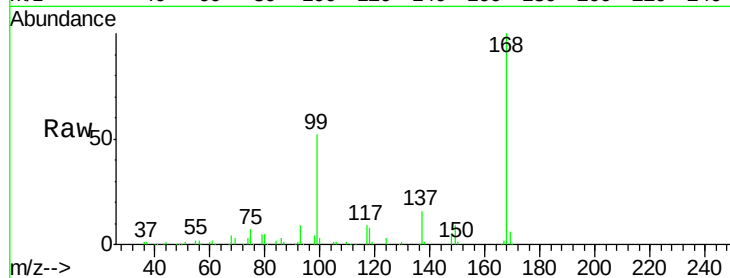
540-IW-6

Tot Ion:168 Resp: 199425

Ion Ratio Lower Upper

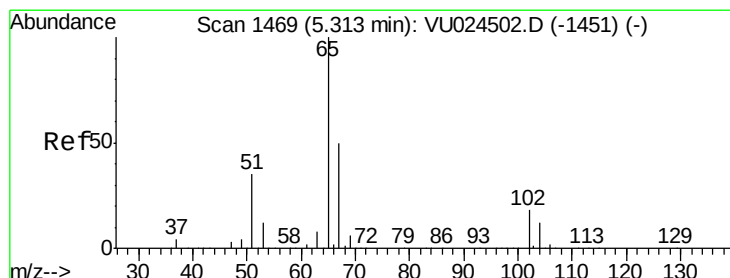
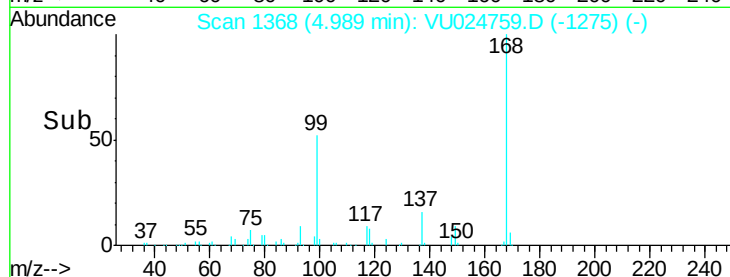
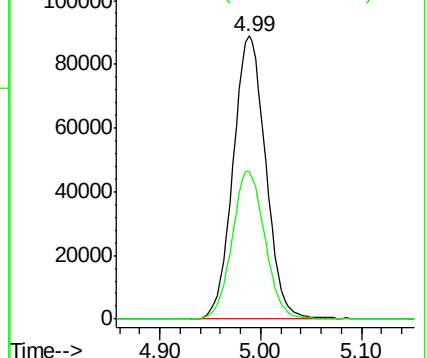
168 100

99 52.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024759.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024759.D (-1275) (-)



#33

1,2-Dichloroethane-d4

Concen: 43.19 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024759.D

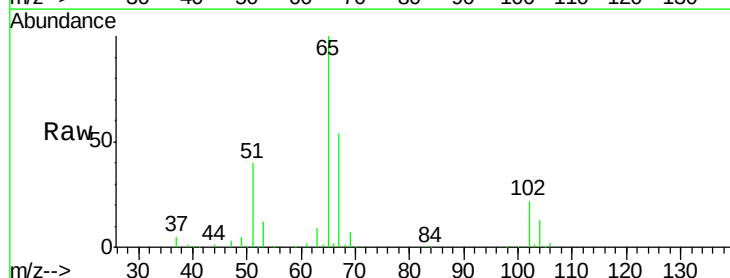
Acq: 20 Jun 2018 15:48

Tgt Ion: 65 Resp: 140606

Ion Ratio Lower Upper

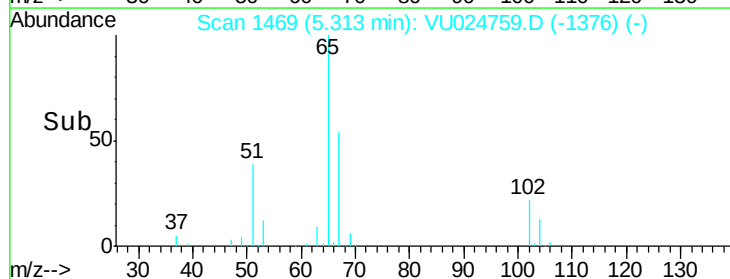
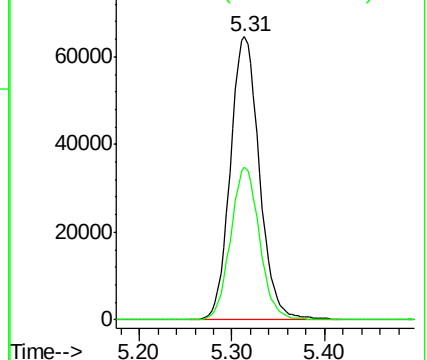
65 100

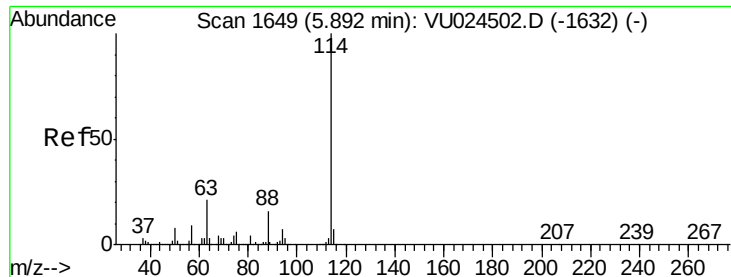
67 53.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024759.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024759.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: VU024759.D

Acq: 20 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

540-IW-6

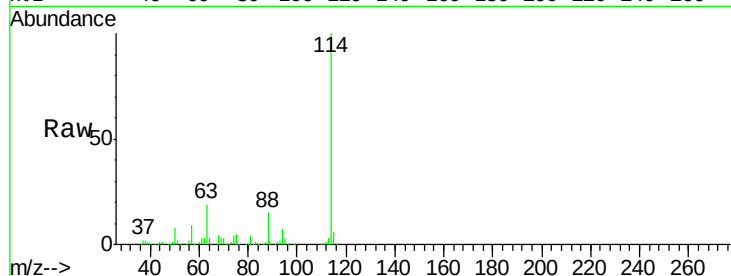
Tot Ion:114 Resp: 308797

Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.4

88 15.4 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

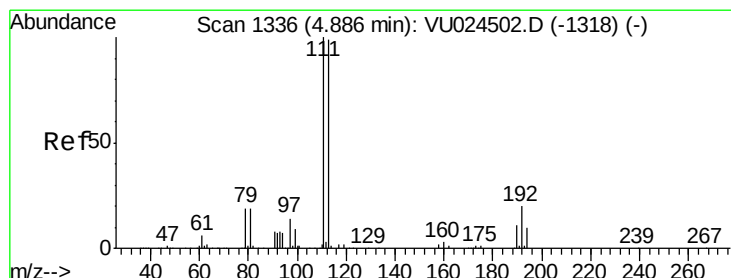
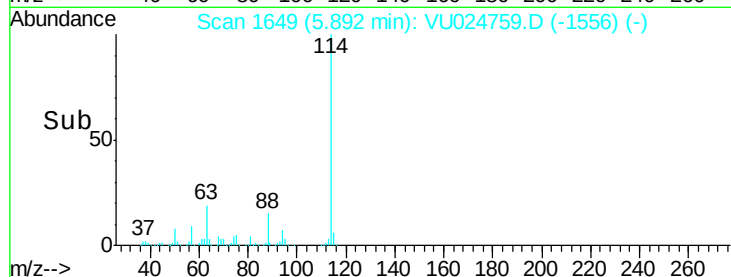
50000

0

5.89

5.80 5.85 5.90 5.95 6.00

Time-->



#35

Dibromofluoromethane

Concen: 46.58 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024759.D

Acq: 20 Jun 2018 15:48

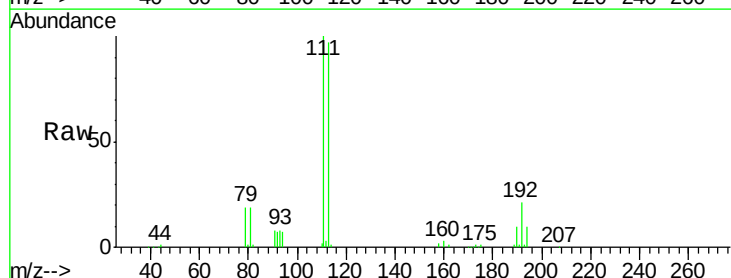
Tgt Ion:113 Resp: 119376

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 21.3 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

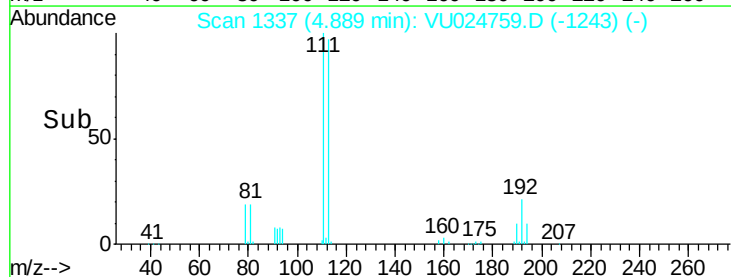
20000

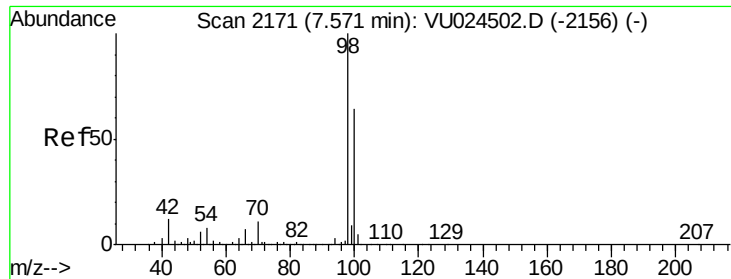
0

4.89

4.80 4.90 5.00

Time-->





#50

Toluene-d8

Concen: 48.13 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024759.D

Acq: 20 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

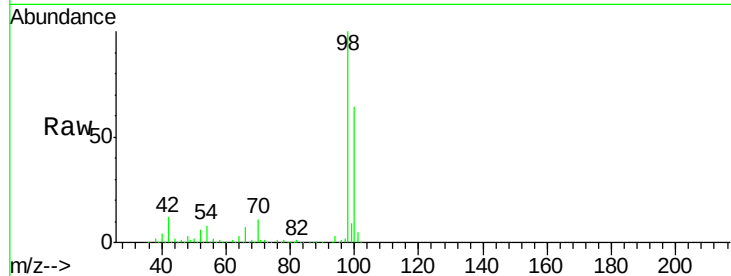
540-IW-6

Tot Ion: 98 Resp: 449877

Ion Ratio Lower Upper

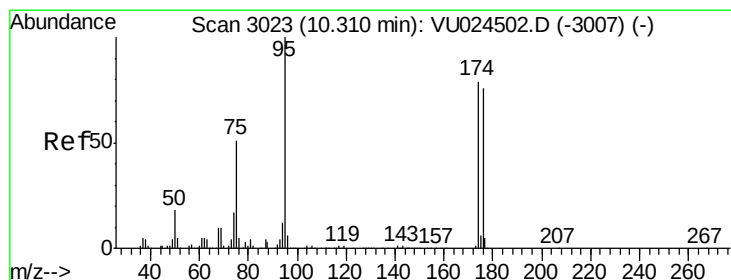
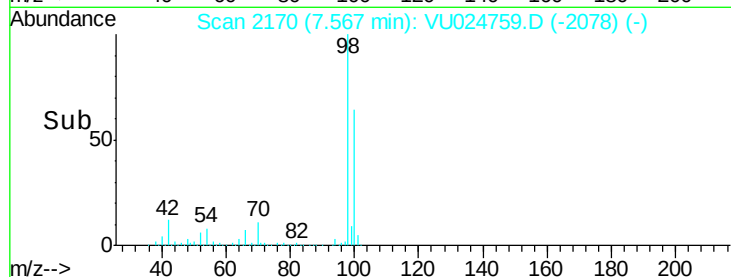
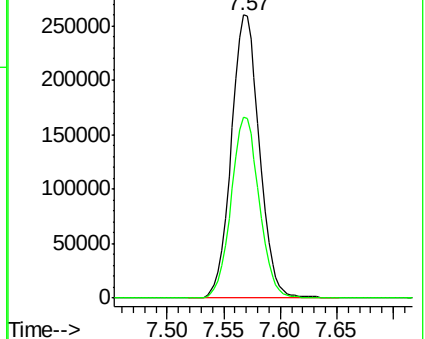
98 100

100 63.8 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) (-)



#62

4-Bromofluorobenzene

Concen: 44.39 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024759.D

Acq: 20 Jun 2018 15:48

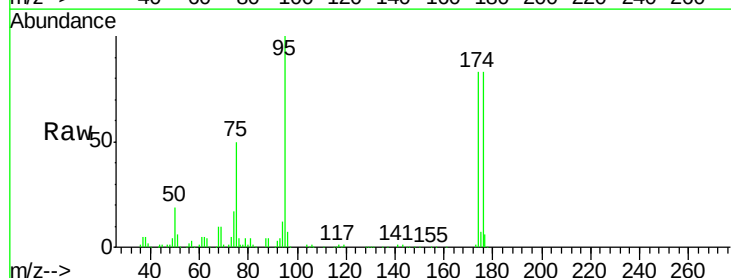
Tgt Ion: 95 Resp: 164740

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

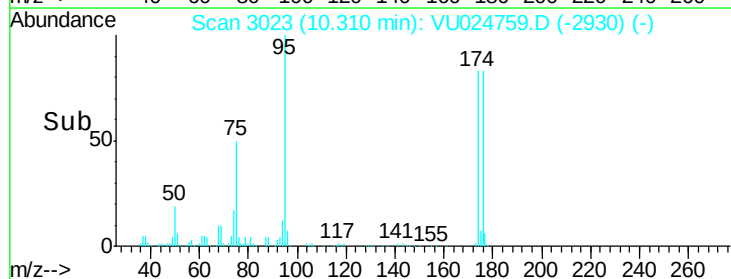
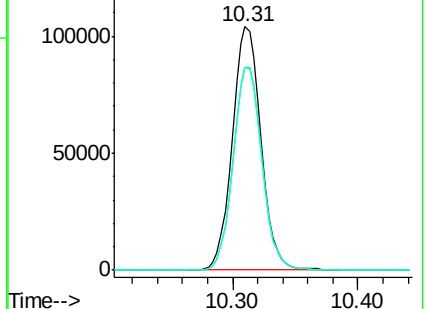
176 83.6 0.0 159.4

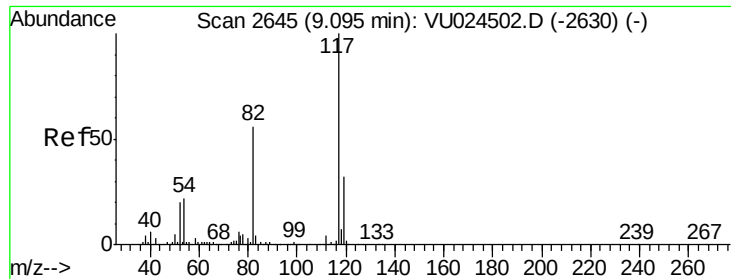


Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

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

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

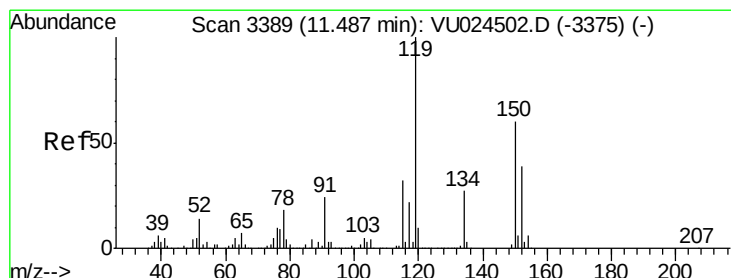
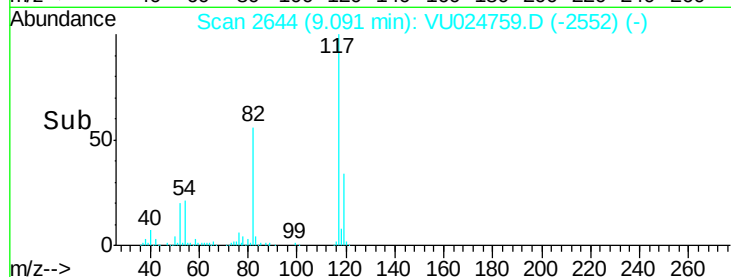
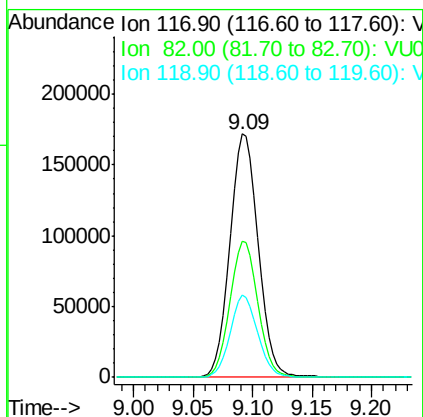
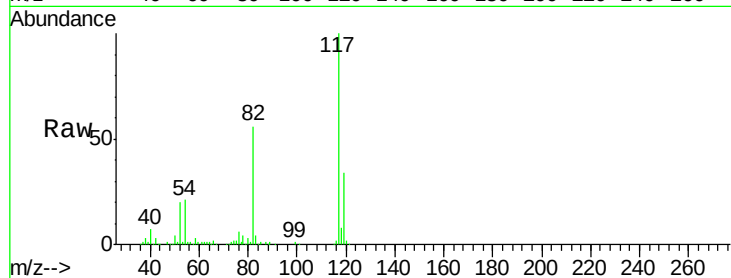




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024759.D
Acq: 20 Jun 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
540-IW-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.3	66.5
119	33.6	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: VU024759.D
Acq: 20 Jun 2018 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	43.0	129.0
150	155.5	0.0	354.0

