

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025317.D
 Acq On : 11 Jul 2018 16:16
 Operator : MD/SY
 Sample : J3936-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-180710

Quant Time: Jul 12 09:09:04 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	208293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308370	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147955	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	155363	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	4.89	113	122661	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
50) Toluene-d8	7.57	98	446207	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	10.31	95	163048	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	

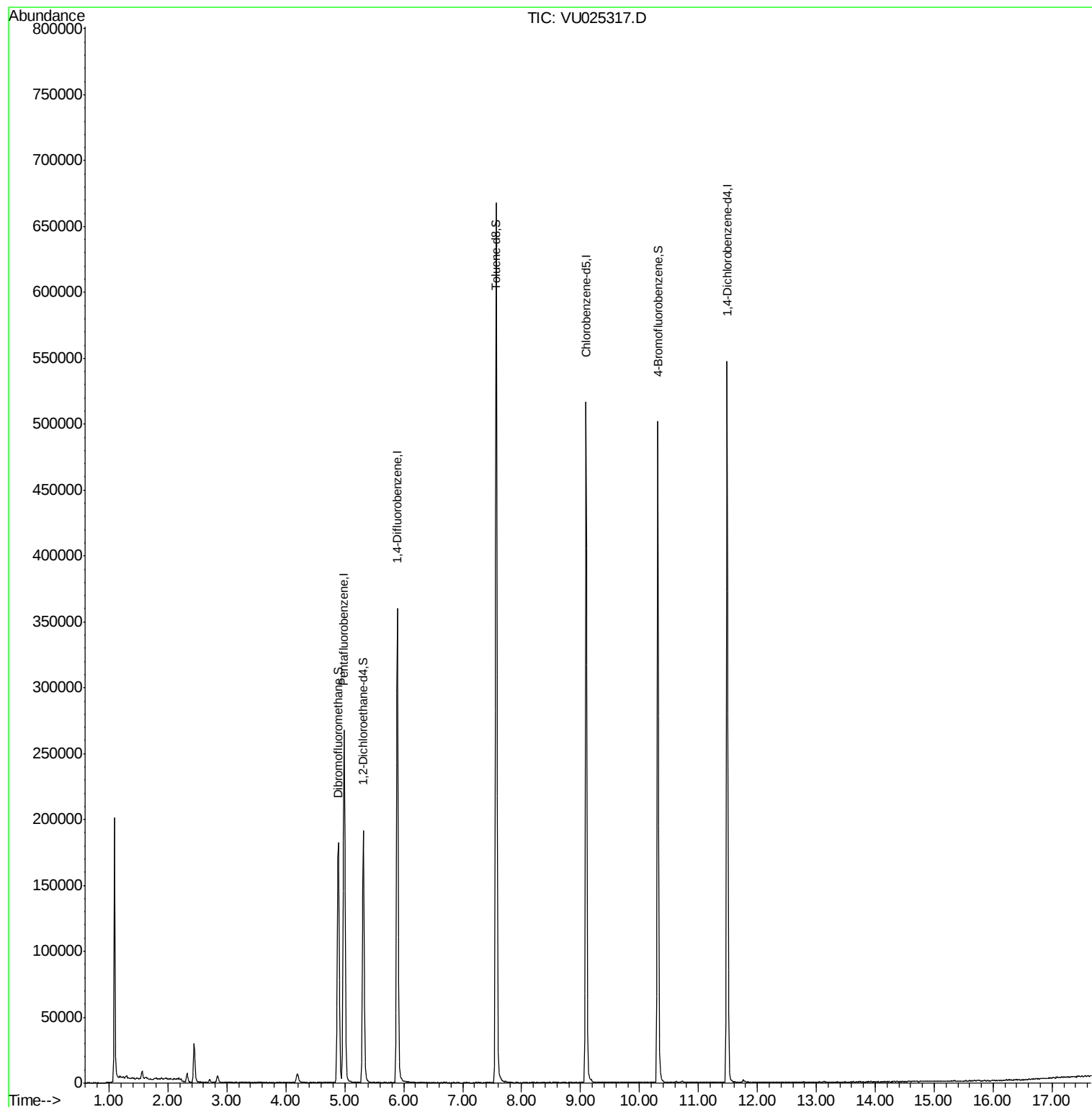
Target Compounds	Qvalue

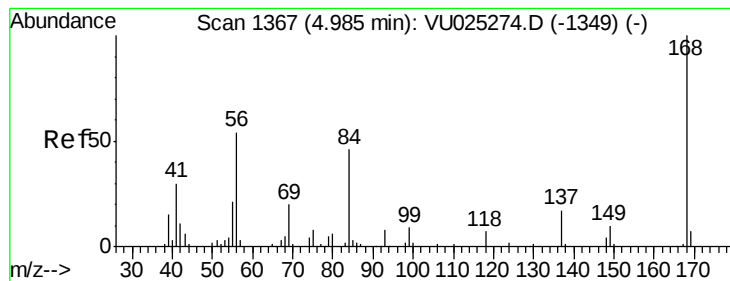
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025317.D

Acq: 11 Jul 2018 16:16

Instrument :

MSVOA_U

ClientSampleId :

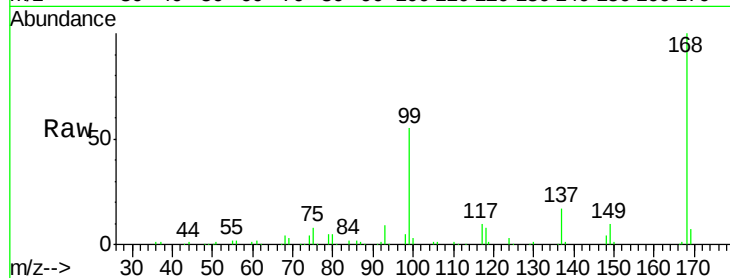
TB-01-180710

Tot Ion:168 Resp: 208293

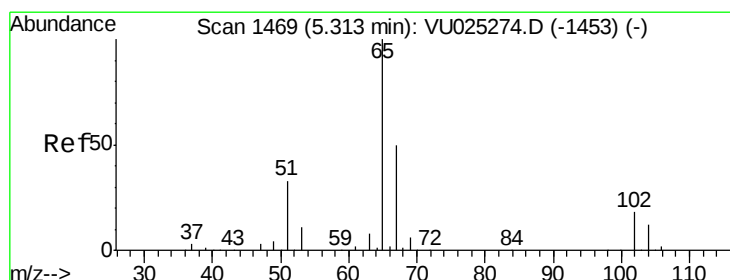
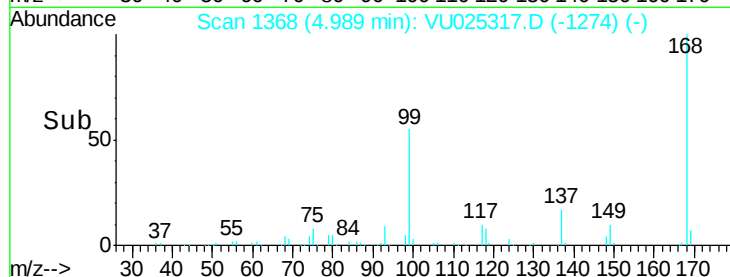
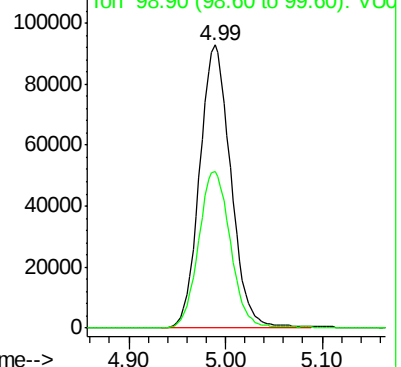
Ion Ratio Lower Upper

168 100

99 55.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025317.D (-1274) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.009 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025317.D

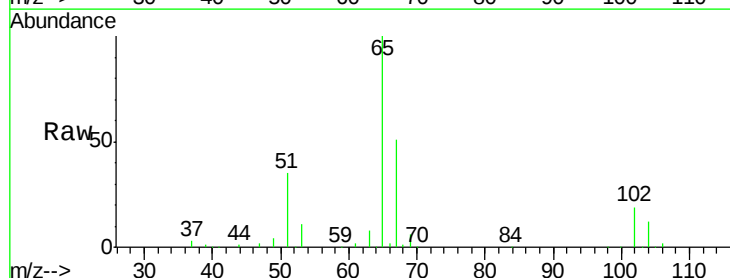
Acq: 11 Jul 2018 16:16

Tgt Ion: 65 Resp: 155363

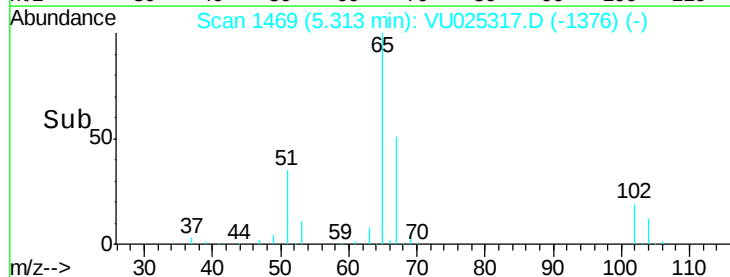
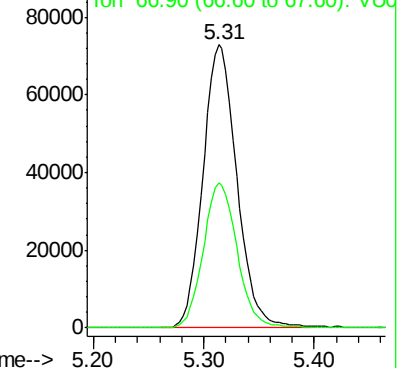
Ion Ratio Lower Upper

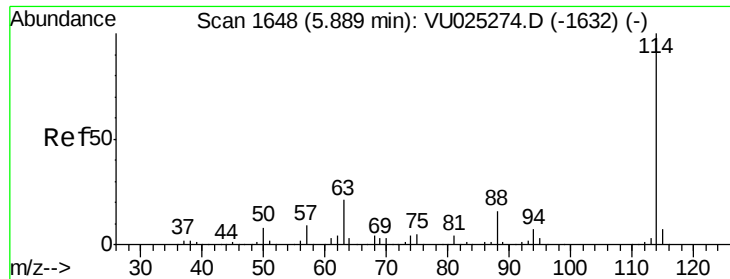
65 100

67 51.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025317.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: VU025317.D

Acq: 11 Jul 2018 16:16

Instrument :

MSVOA_U

ClientSampleId :

TB-01-180710

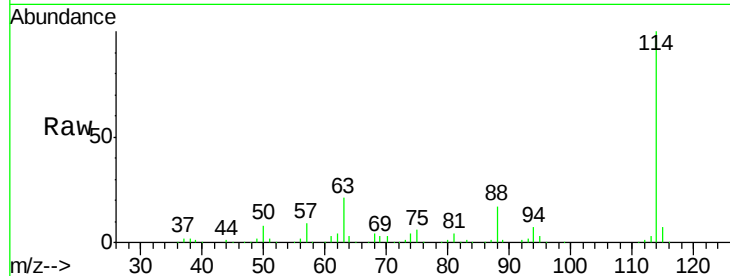
Tot Ion:114 Resp: 308370

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

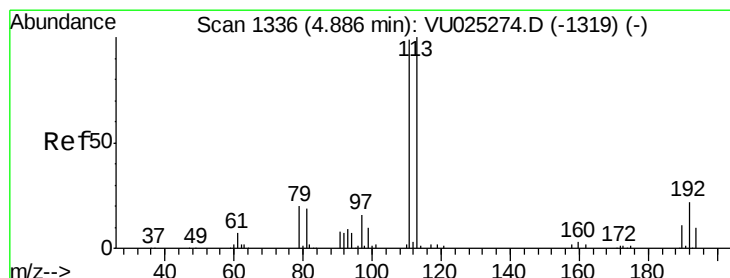
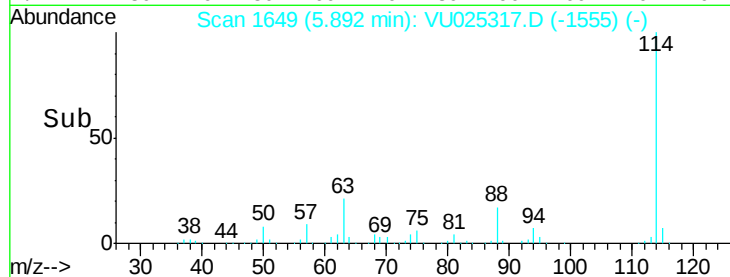
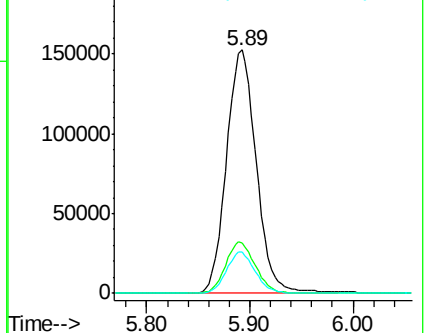
88 16.9 0.0 32.4



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



#35

Dibromofluoromethane

Concen: 47.152 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025317.D

Acq: 11 Jul 2018 16:16

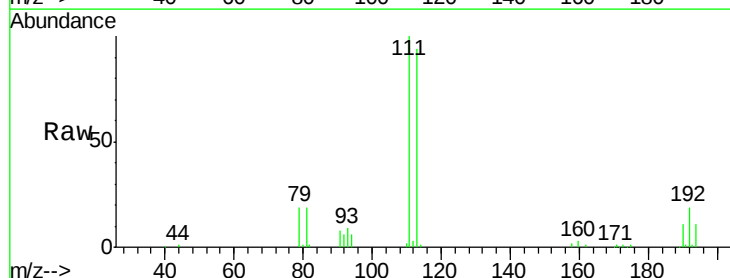
Tgt Ion:113 Resp: 122661

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

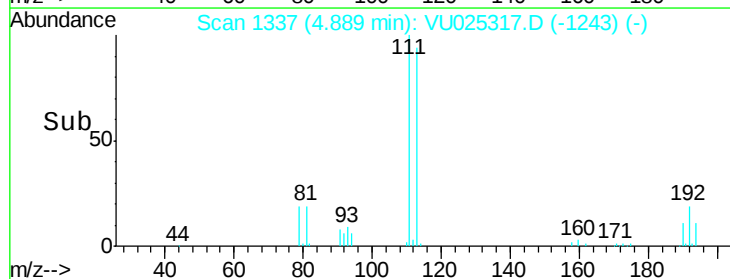
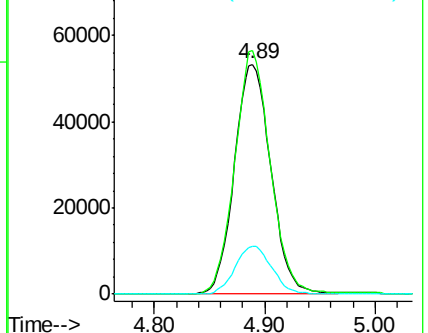
192 20.7 17.1 25.7

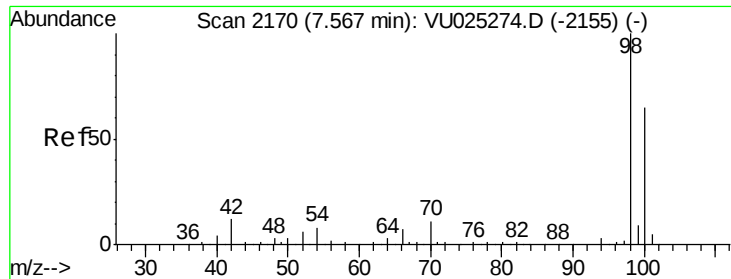


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.090 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025317.D

Acq: 11 Jul 2018 16:16

Instrument :

MSVOA_U

ClientSampleId :

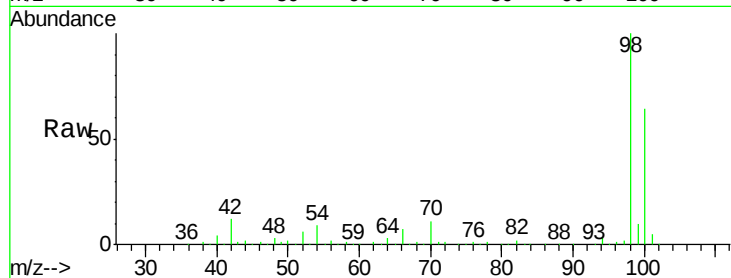
TB-01-180710

Tot Ion: 98 Resp: 446207

Ion Ratio Lower Upper

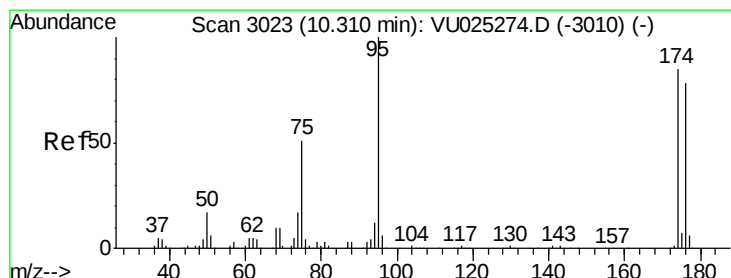
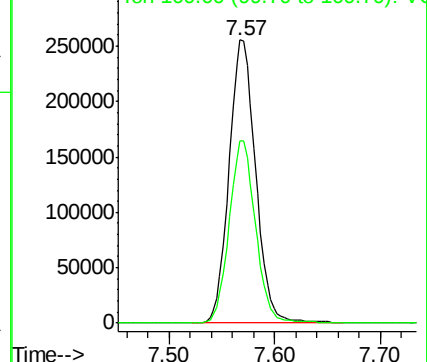
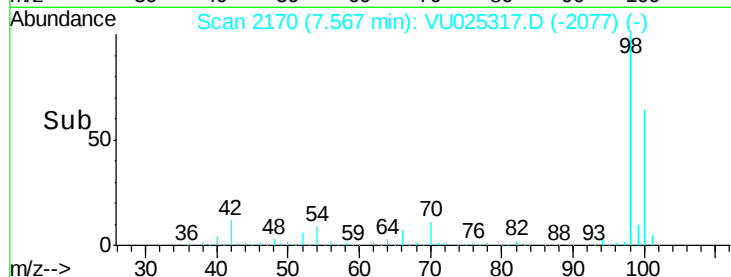
98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025317.D (-2077) (-)

Ion 100.00 (99.70 to 100.70): VU025317.D (-2077) (-)



#62

4-Bromofluorobenzene

Concen: 45.463 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025317.D

Acq: 11 Jul 2018 16:16

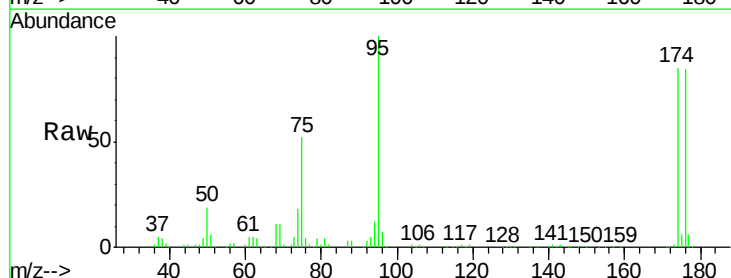
Tgt Ion: 95 Resp: 163048

Ion Ratio Lower Upper

95 100

174 85.4 0.0 172.2

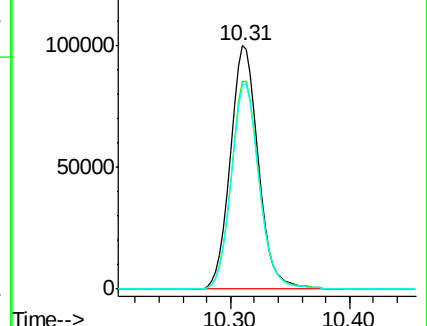
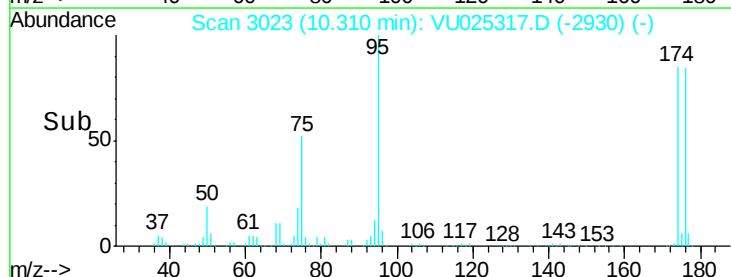
176 84.0 0.0 162.6

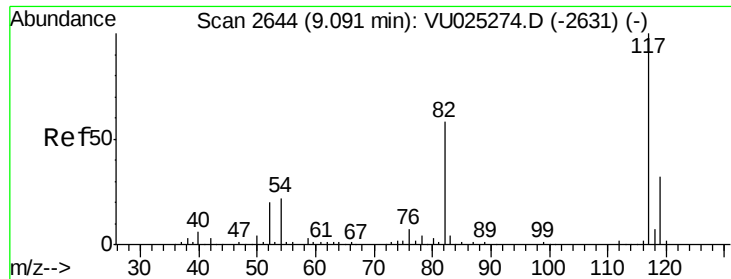


Abundance Ion 94.90 (94.60 to 95.60): VU025317.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025317.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025317.D (-2930) (-)

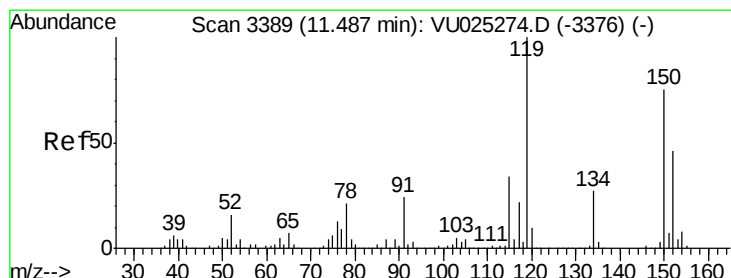
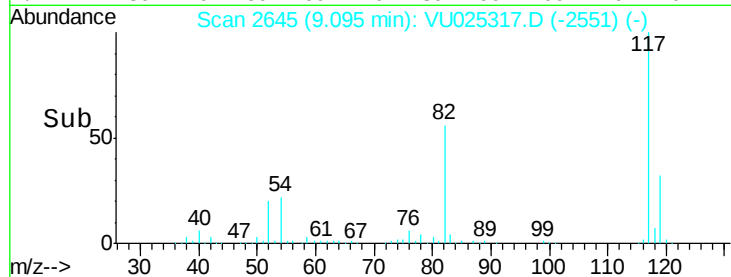
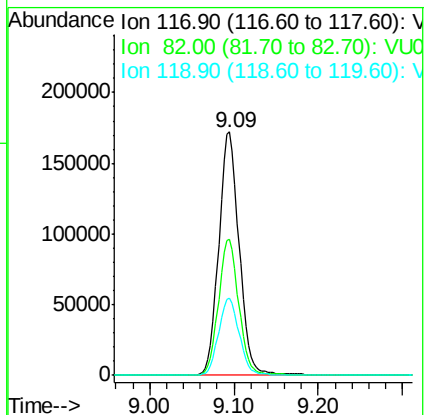
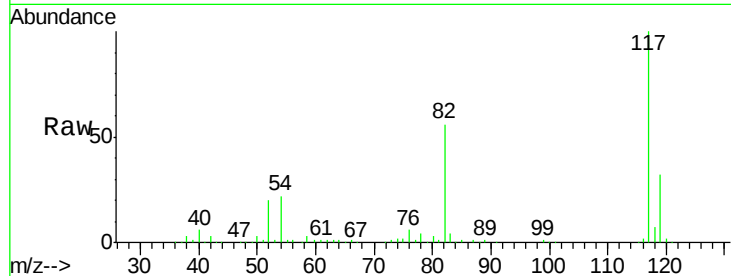




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025317.D
Acq: 11 Jul 2018 16:16

Instrument :
MSVOA_U
ClientSampleId :
TB-01-180710

Tot Ion:117 Resp: 290093
Ion Ratio Lower Upper
117 100
82 55.8 46.0 69.0
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025317.D
Acq: 11 Jul 2018 16:16

Tgt Ion:152 Resp: 147955
Ion Ratio Lower Upper
152 100
115 57.9 40.1 120.3
150 158.4 0.0 351.4

