

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025134.D
 Acq On : 02 Jul 2018 11:12
 Operator : MD/SY
 Sample : VU0702WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBL01

Quant Time: Jul 03 04:16:38 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	218943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	329172	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	305152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159352	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	166720	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	4.89	113	133037	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	7.57	98	481302	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	10.31	95	176040	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	

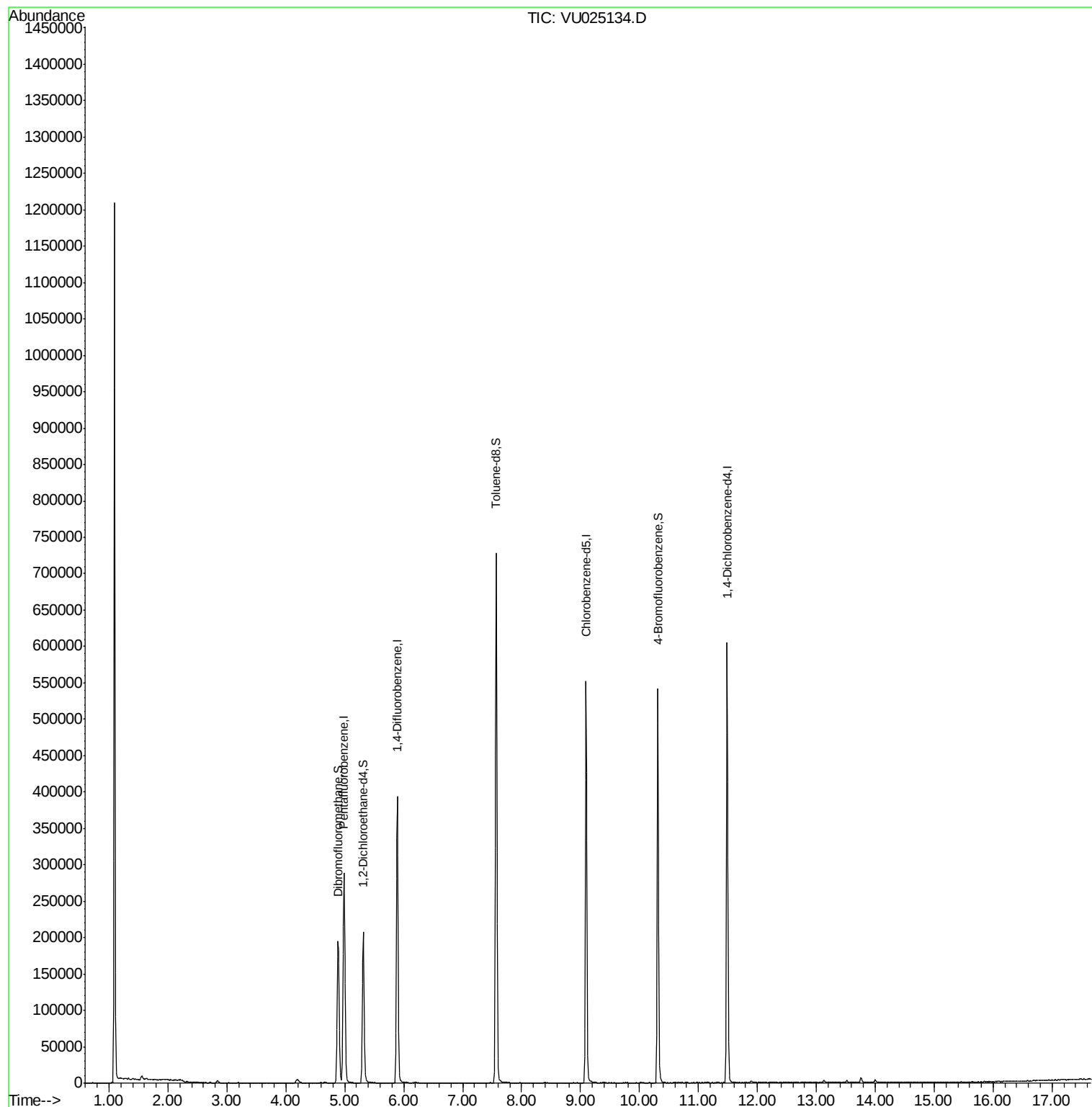
Target Compounds	Qvalue

(#) = 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: VU025134.D

Acq: 02 Jul 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

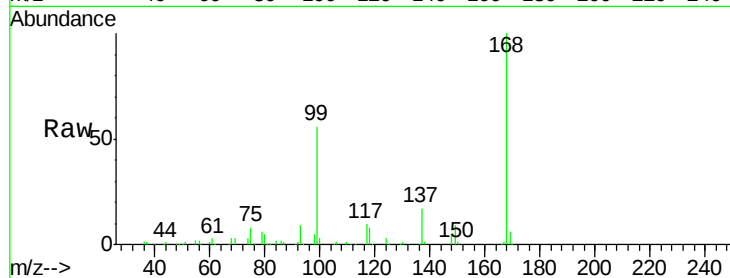
VU0702WBL01

Tot Ion:168 Resp: 218943

Ion Ratio Lower Upper

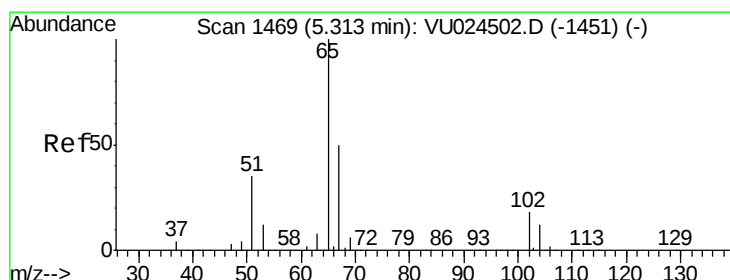
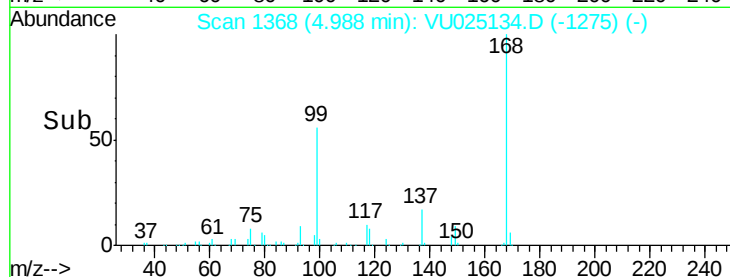
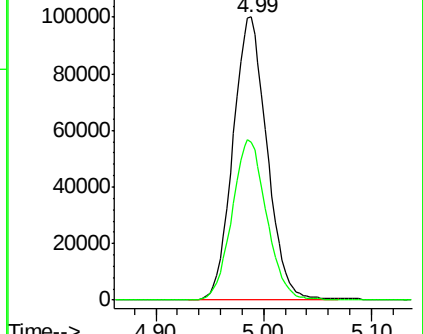
168 100

99 56.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 46.64 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025134.D

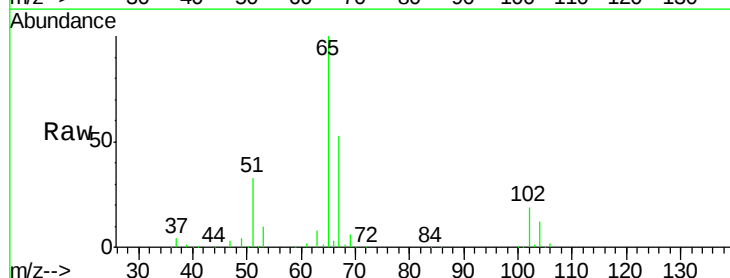
Acq: 02 Jul 2018 11:12

Tgt Ion: 65 Resp: 166720

Ion Ratio Lower Upper

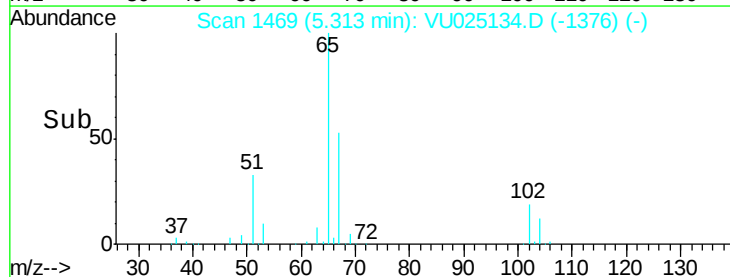
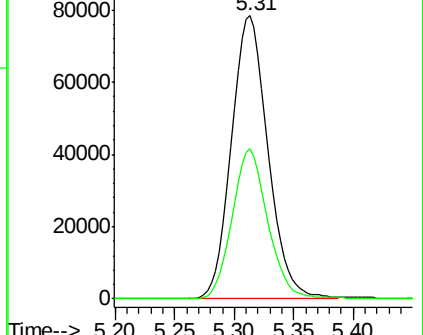
65 100

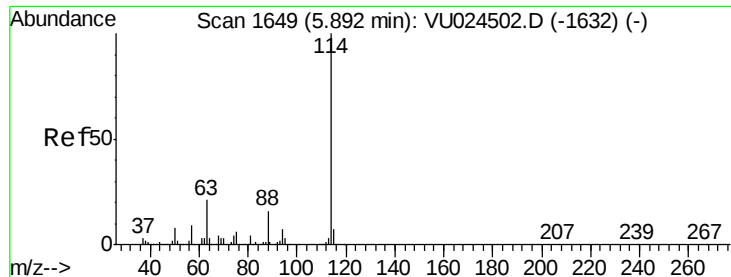
67 51.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025134.D

Acq: 02 Jul 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBL01

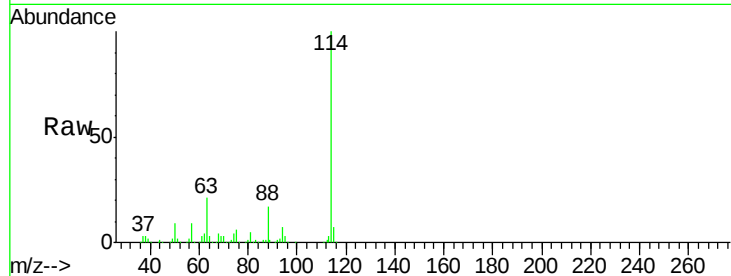
Tot Ion:114 Resp: 329172

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.4

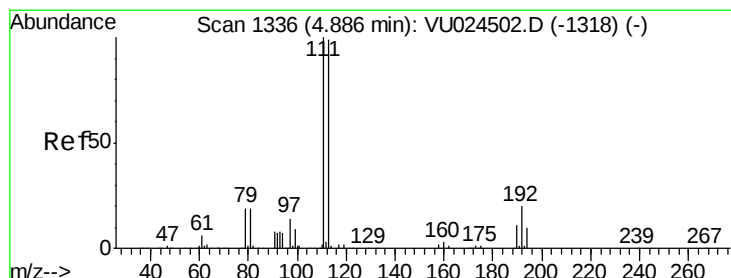
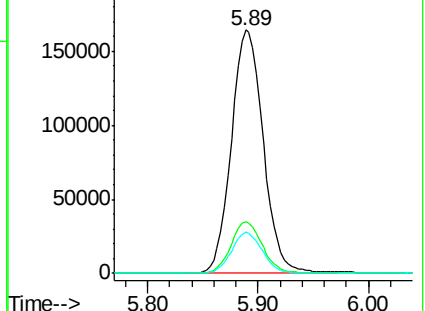
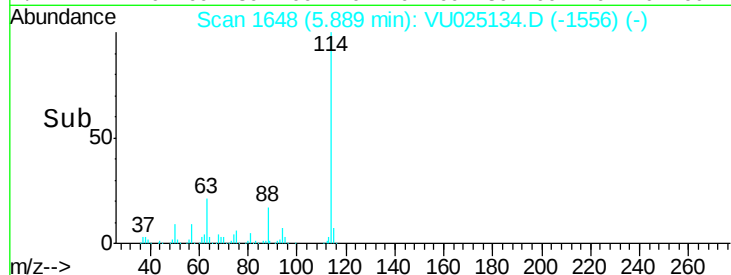
88 16.7 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 48.70 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025134.D

Acq: 02 Jul 2018 11:12

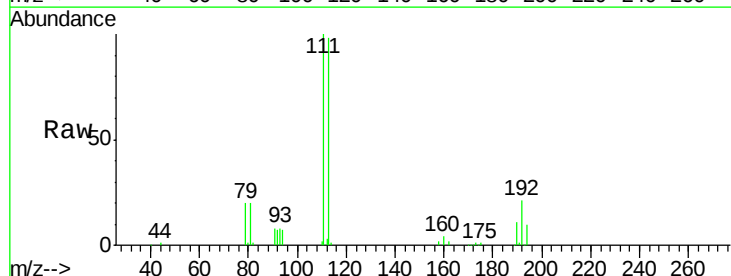
Tgt Ion:113 Resp: 133037

Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

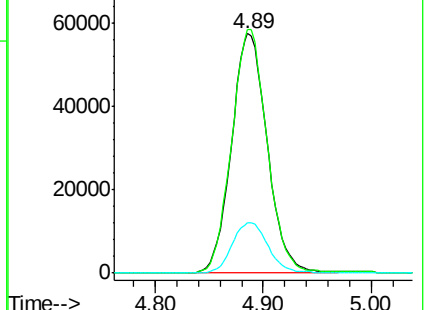
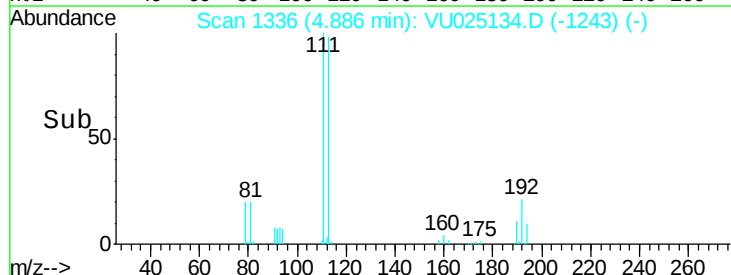
192 21.1 16.2 24.4



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





#50

Toluene-d8

Concen: 48.30 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025134.D

Acq: 02 Jul 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

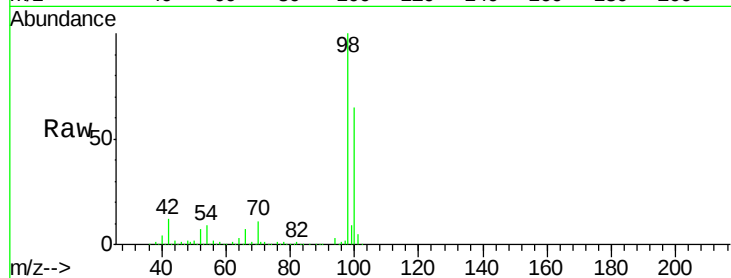
VU0702WBL01

Tot Ion: 98 Resp: 481302

Ion Ratio Lower Upper

98 100

100 64.0 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

300000

250000

200000

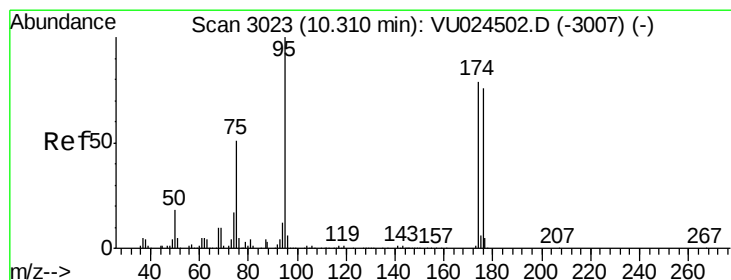
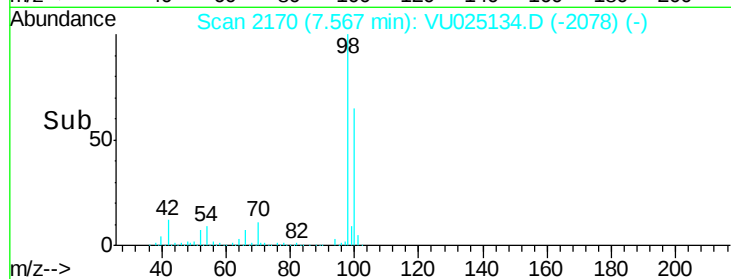
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.49 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025134.D

Acq: 02 Jul 2018 11:12

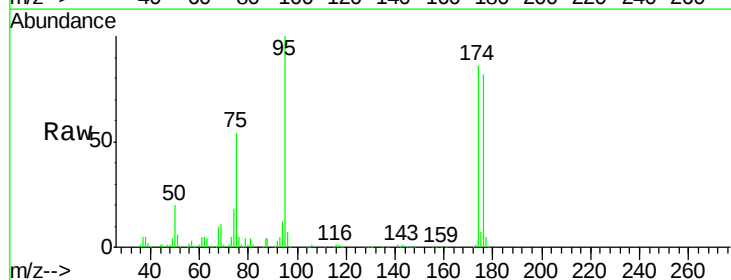
Tgt Ion: 95 Resp: 176040

Ion Ratio Lower Upper

95 100

174 85.9 0.0 165.8

176 82.4 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) (-)

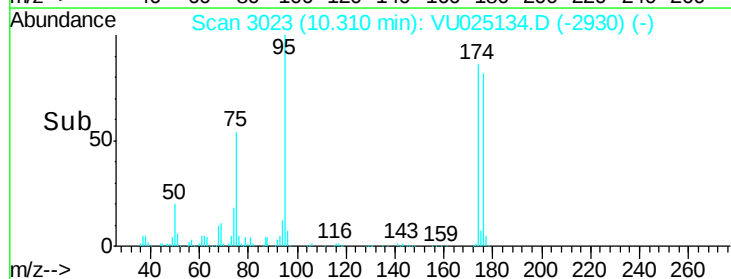
10.31

100000

50000

0

Time-->

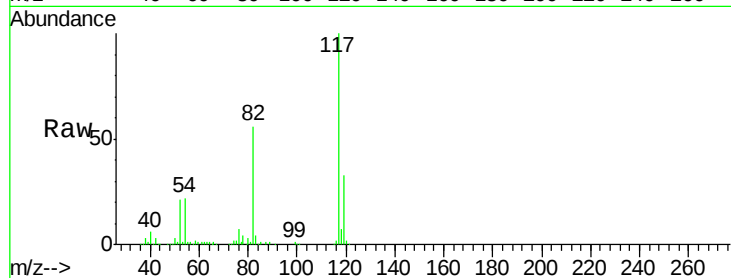




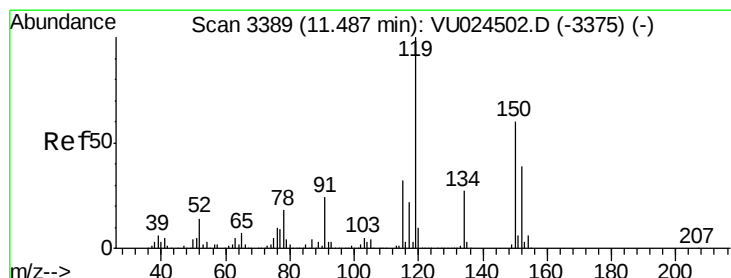
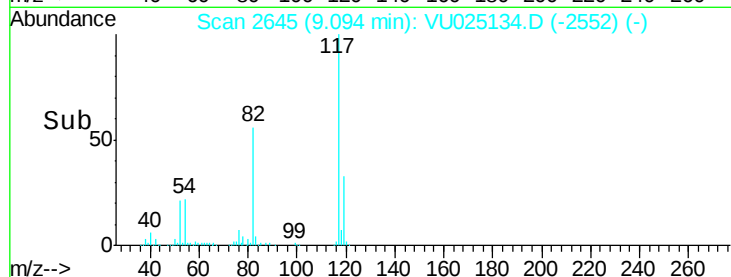
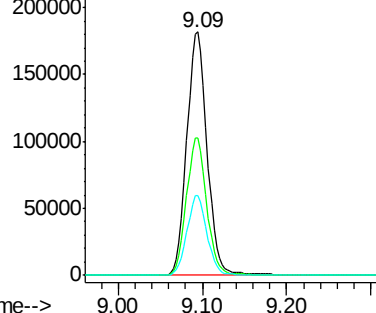
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025134.D
Acq: 02 Jul 2018 11:12

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.3	66.5
119	32.7	25.4	38.2

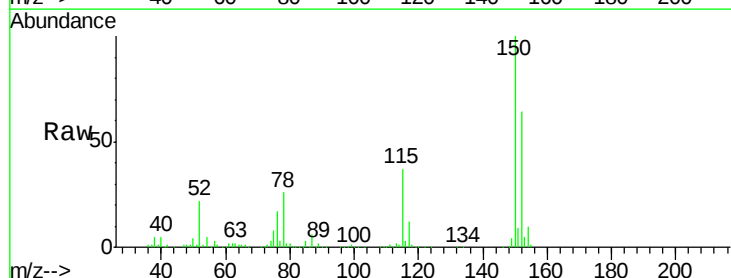


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025134.D
Acq: 02 Jul 2018 11:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	43.0	129.0
150	154.2	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

