

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025360.D
 Acq On : 13 Jul 2018 00:24
 Operator : MD/SY
 Sample : VU0712WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0712WBL02

Quant Time: Jul 13 04:46:19 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	193711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	293433	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	271200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	138225	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	148666	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	4.89	113	112973	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
50) Toluene-d8	7.57	98	422432	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	10.31	95	154314	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	

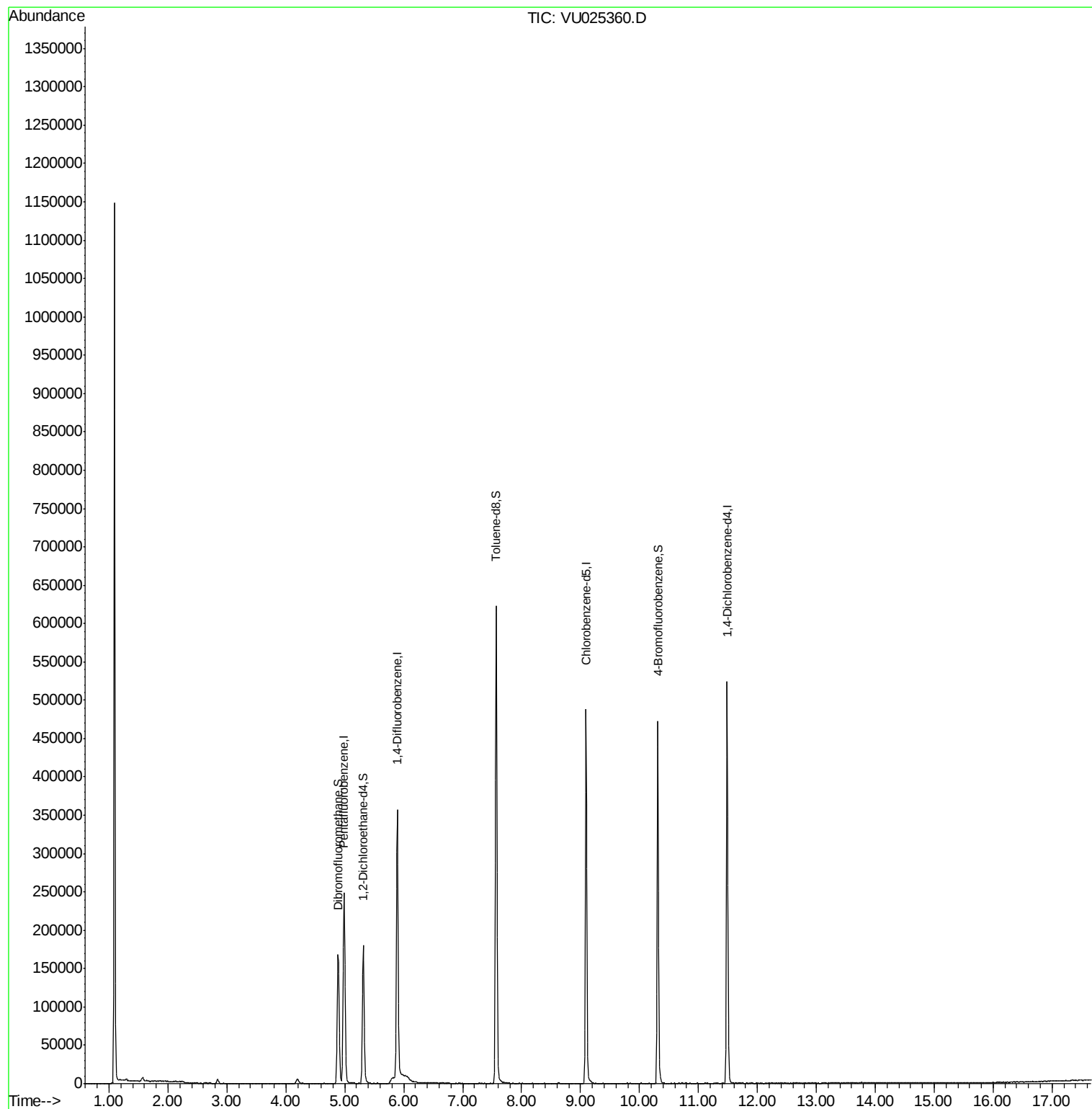
Target Compounds	Qvalue

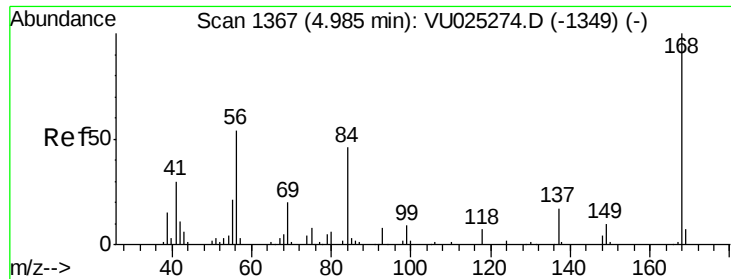
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 10 09:34:16 2018
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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: VU025360.D

Acq: 13 Jul 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

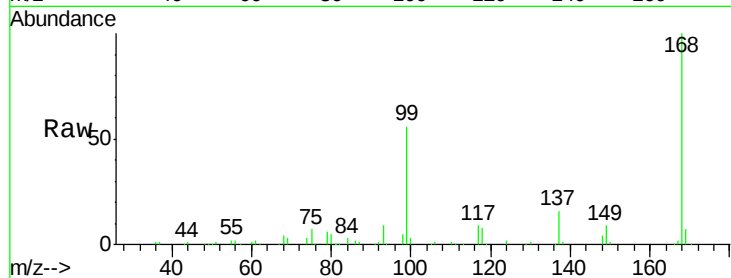
VU0712WBL02

Tot Ion:168 Resp: 193711

Ion Ratio Lower Upper

168 100

99 55.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025360.D (-1274) (-)

4.99

100000

80000

60000

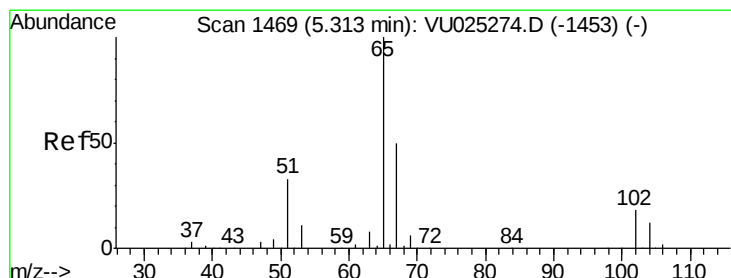
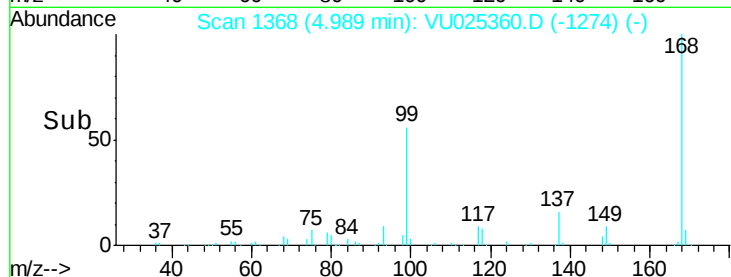
40000

20000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 49.398 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025360.D

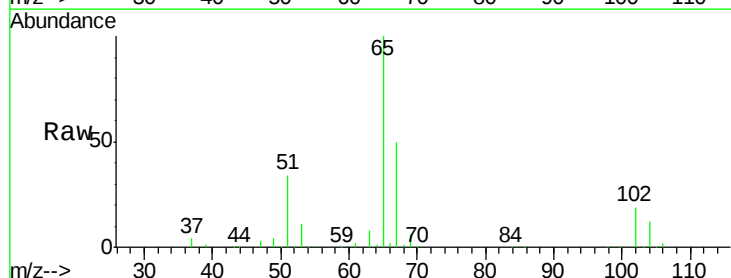
Acq: 13 Jul 2018 00:24

Tgt Ion: 65 Resp: 148666

Ion Ratio Lower Upper

65 100

67 49.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

Ion 66.90 (66.60 to 67.60): VU025360.D (-1376) (-)

5.31

80000

60000

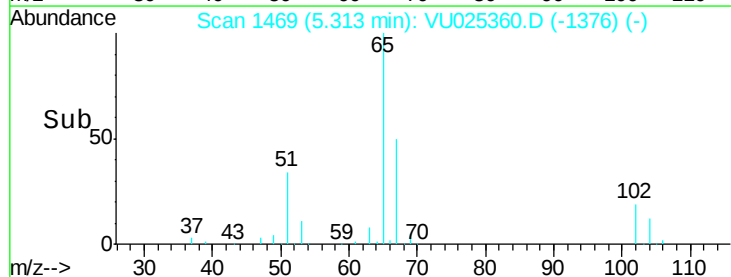
40000

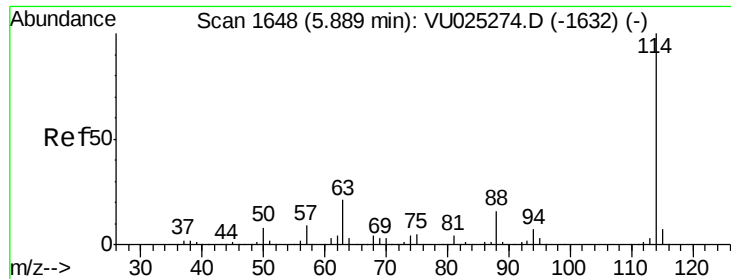
20000

0

Time-->

5.20 5.30 5.40

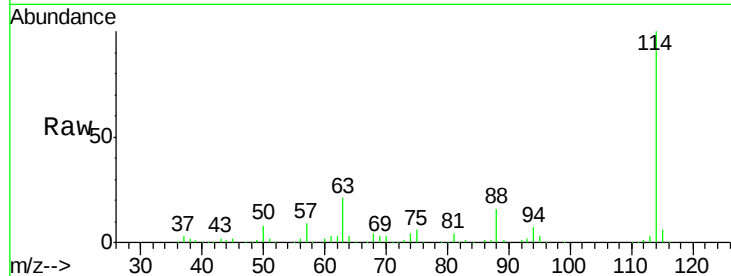




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VU025360.D
Acq: 13 Jul 2018 00:24

Instrument :
MSVOA_U
ClientSampleId :
VU0712WBL02

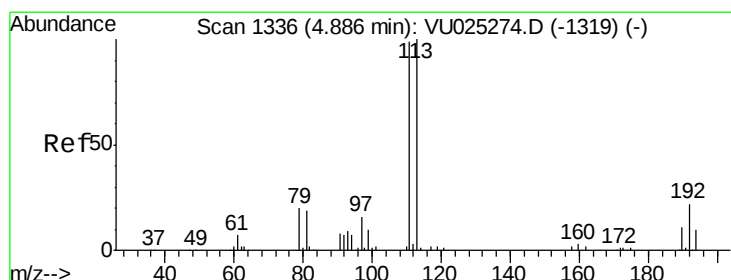
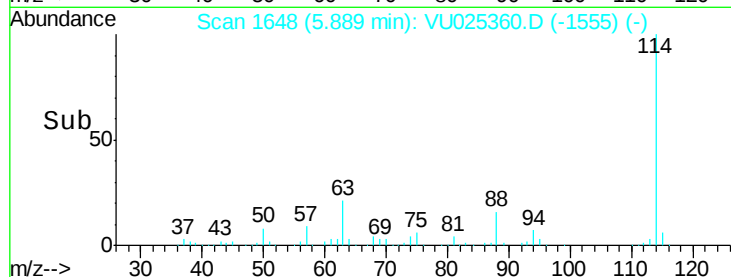
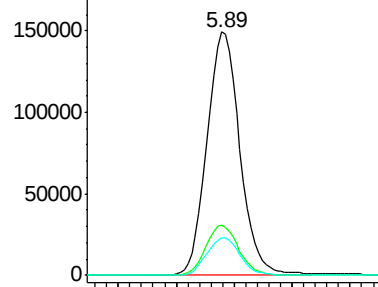
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.6
88	15.6	0.0	32.4



Abundance Ion 113.90 (113.60 to 114.60): V

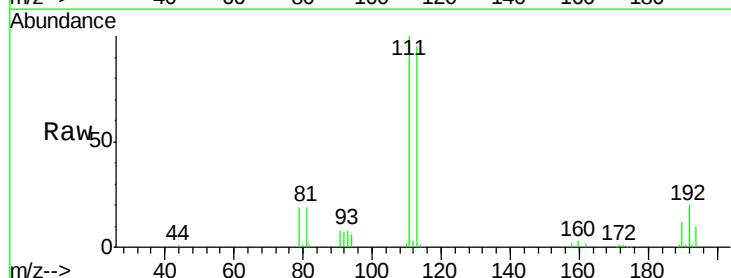
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
Dibromofluoromethane
Concen: 45.639 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025360.D
Acq: 13 Jul 2018 00:24

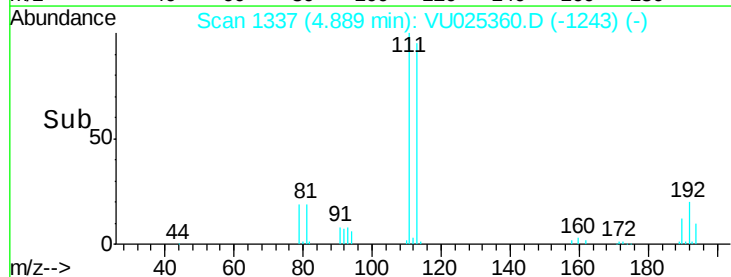
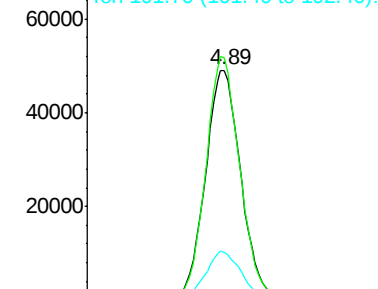
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	21.2	17.1	25.7

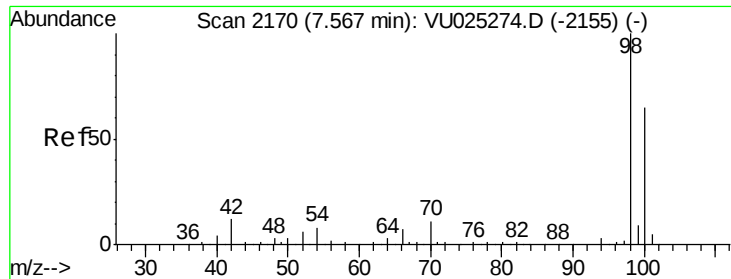


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.835 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025360.D

Acq: 13 Jul 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

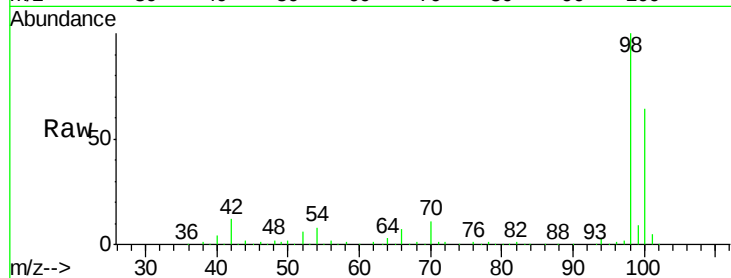
VU0712WBL02

Tot Ion: 98 Resp: 422432

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025274.D (-2155) (-)

Ion 100.00 (99.70 to 100.70): VU025274.D (-2155) (-)

7.57

250000

200000

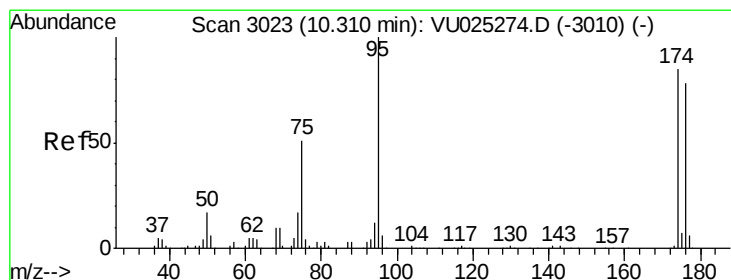
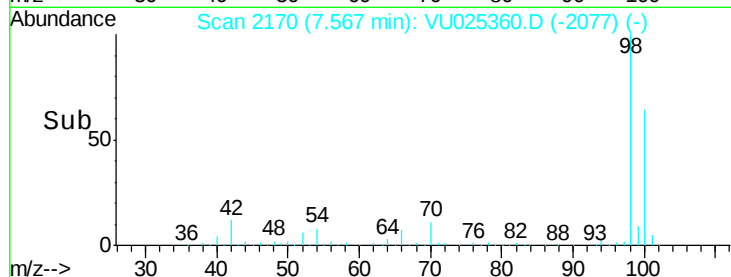
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.218 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025360.D

Acq: 13 Jul 2018 00:24

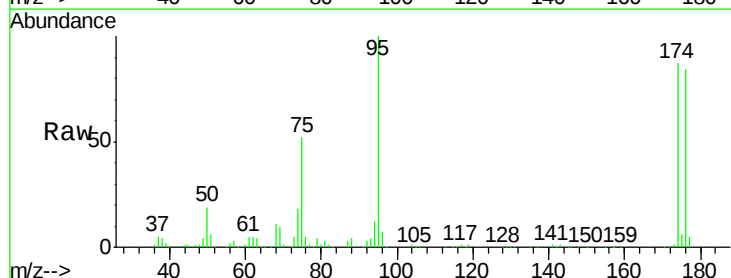
Tgt Ion: 95 Resp: 154314

Ion Ratio Lower Upper

95 100

174 86.4 0.0 172.2

176 83.8 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)

10.31

120000

100000

80000

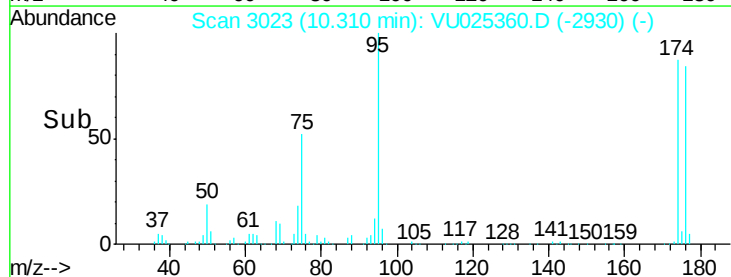
60000

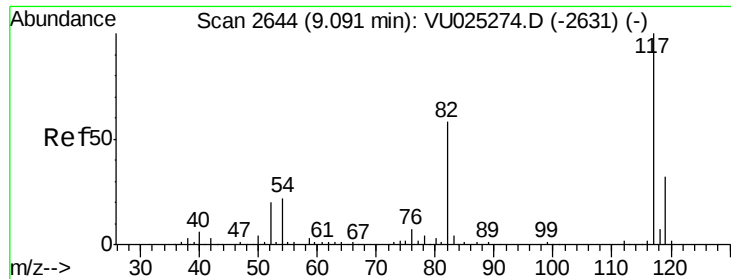
40000

20000

0

Time-->

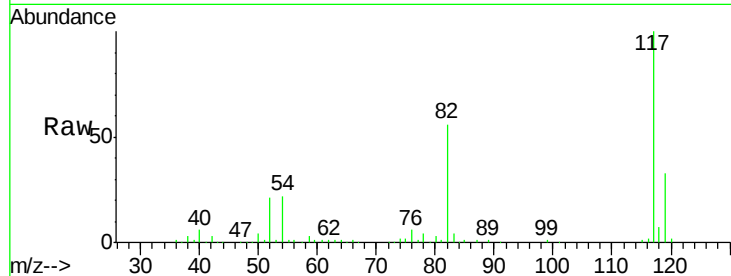




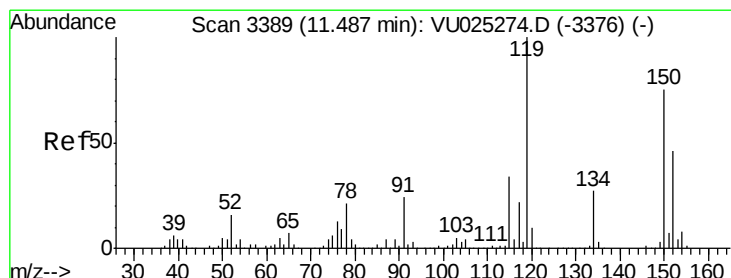
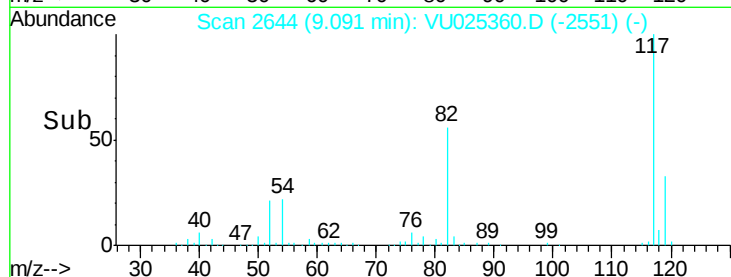
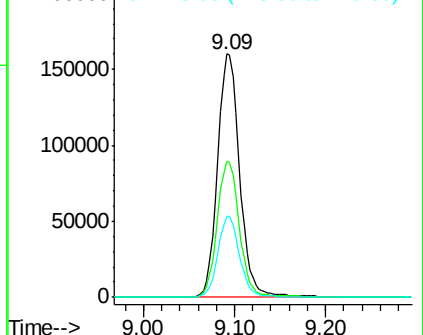
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025360.D
Acq: 13 Jul 2018 00:24

Instrument :
MSVOA_U
ClientSampleId :
VU0712WBL02

Tot Ion:117 Resp: 271200
Ion Ratio Lower Upper
117 100
82 56.1 46.0 69.0
119 33.5 26.0 39.0

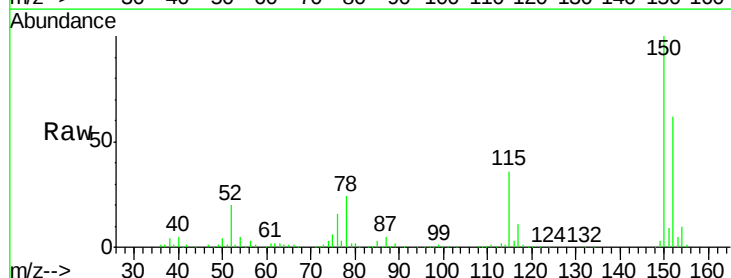


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025360.D
Acq: 13 Jul 2018 00:24

Tgt Ion:152 Resp: 138225
Ion Ratio Lower Upper
152 100
115 58.9 40.1 120.3
150 160.3 0.0 351.4



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

