

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029157.D
 Acq On : 14 Jan 2019 11:47
 Operator : JC/SP
 Sample : K1137-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB 2019.01.11-2

Quant Time: Jan 14 23:17:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	203710	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73547	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	76939	54.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.40%	
35) Dibromofluoromethane	4.88	113	67603	51.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.38%	
50) Toluene-d8	7.56	98	254717	48.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	10.30	95	78790	42.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.10%	

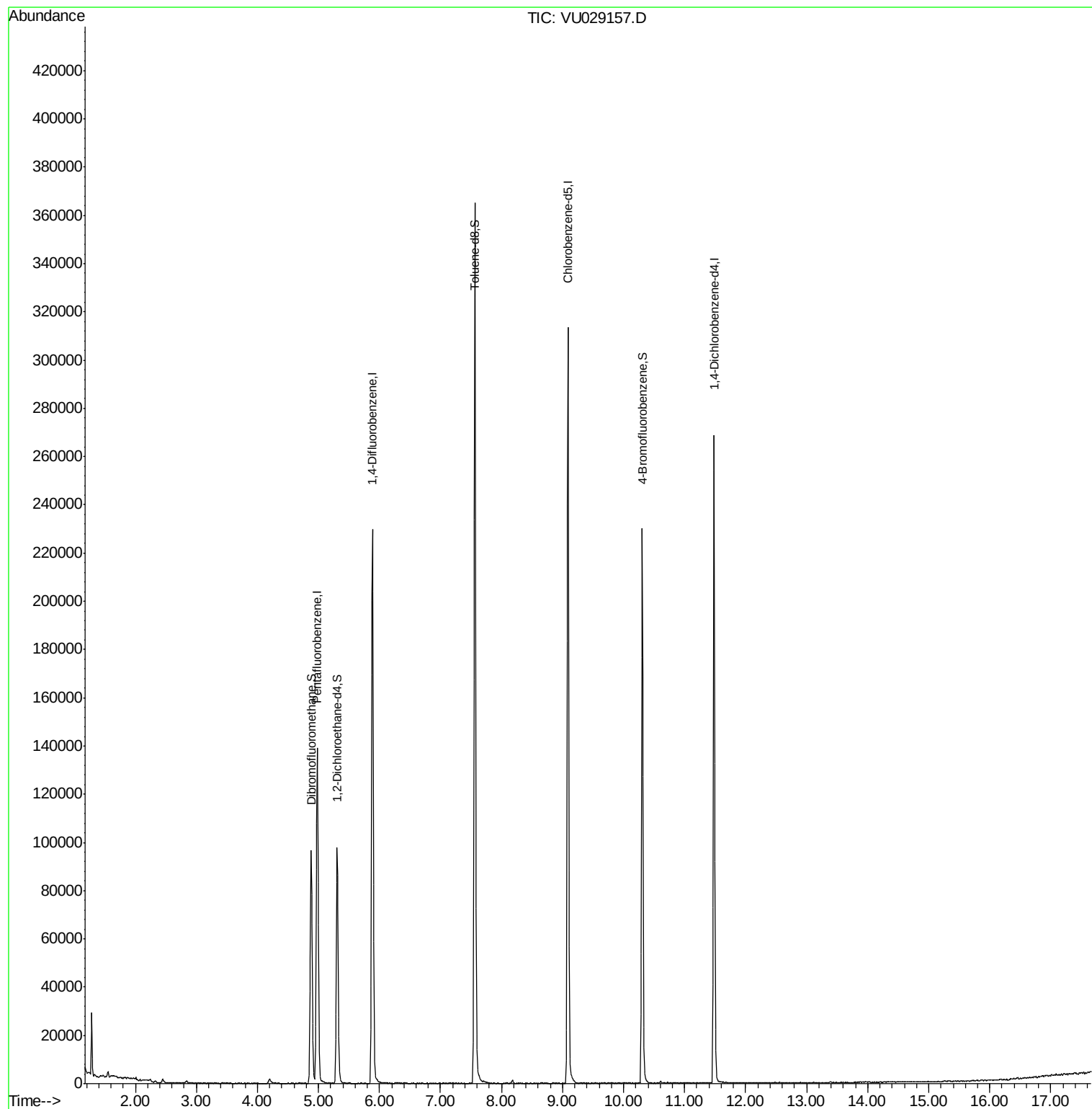
Target Compounds	Qvalue
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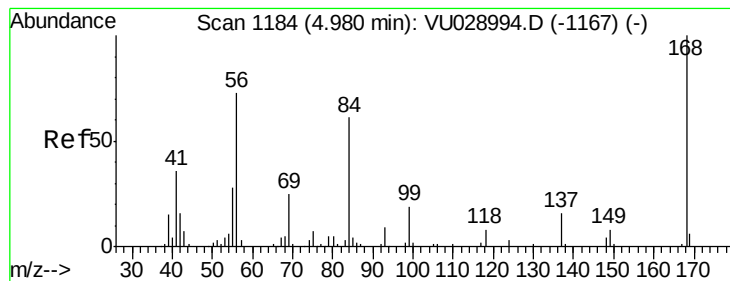
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029157.D

Acq: 14 Jan 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

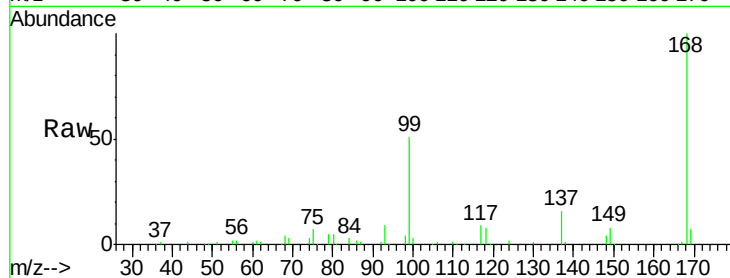
TB 2019.01.11-2

Tot Ion:168 Resp: 114825

Ion Ratio Lower Upper

168 100

99 51.5 42.0 63.0

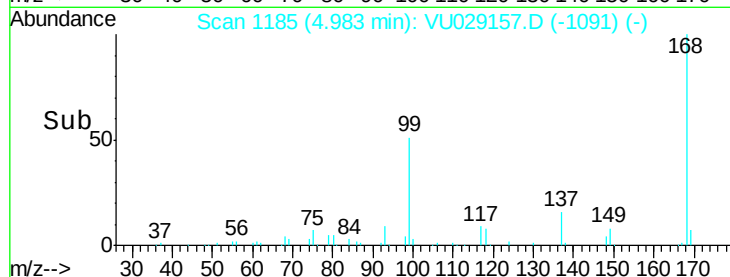


Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

Time-->



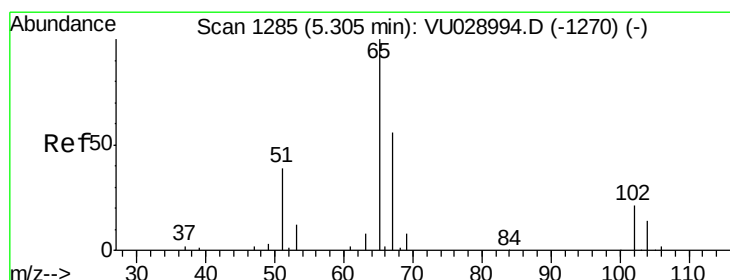
Abundance

Ion 167.90 (167.60 to 168.60): VU029157.D (-1091) (-)

Ion 98.90 (98.60 to 99.60): VU029157.D (-1091) (-)

4.98

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.203 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029157.D

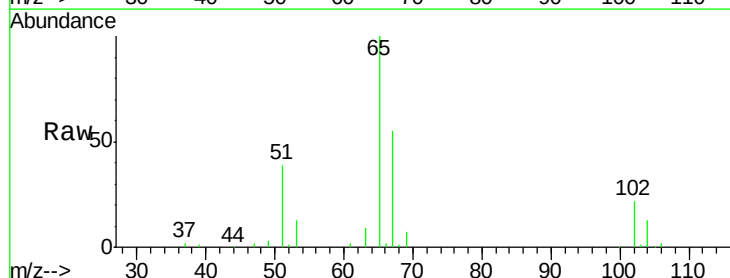
Acq: 14 Jan 2019 11:47

Tgt Ion: 65 Resp: 76939

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.0

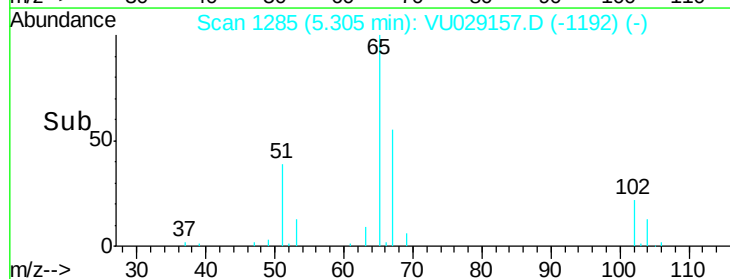


Abundance Ion 64.90 (64.60 to 65.60): VU028994.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU028994.D (-1270) (-)

5.31

Time-->



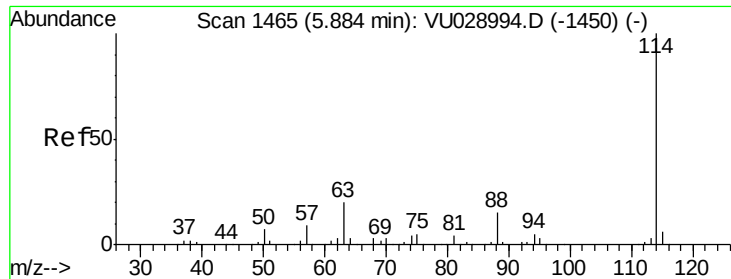
Abundance

Ion 64.90 (64.60 to 65.60): VU029157.D (-1192) (-)

Ion 66.90 (66.60 to 67.60): VU029157.D (-1192) (-)

5.31

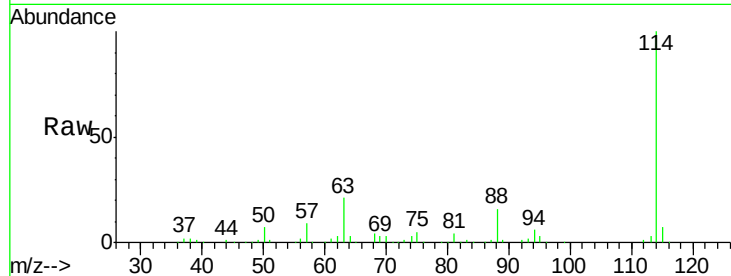
Time-->



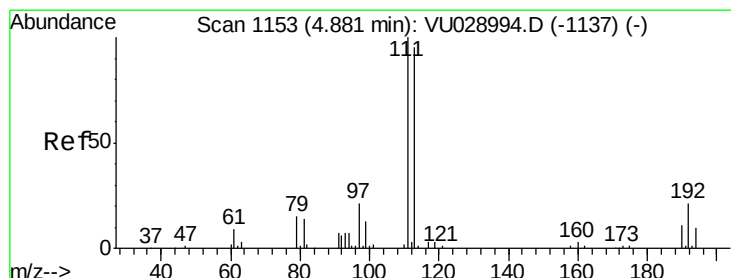
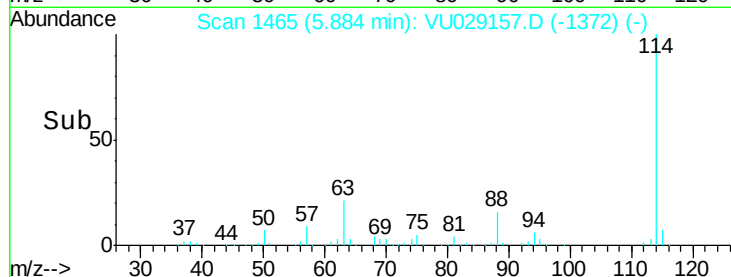
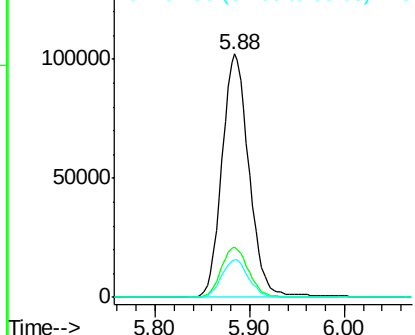
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029157.D
 Acq: 14 Jan 2019 11:47

Instrument :
 MSVOA_U
 ClientSampleId :
 TB 2019.01.11-2

Tot Ion:114 Resp: 203710
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.2
 88 15.6 0.0 30.4

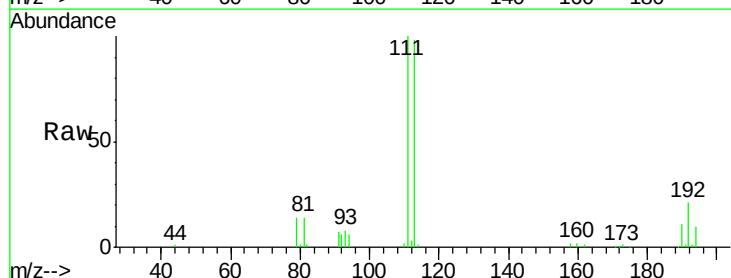


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

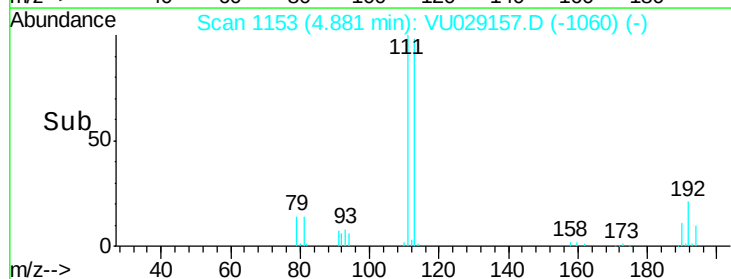
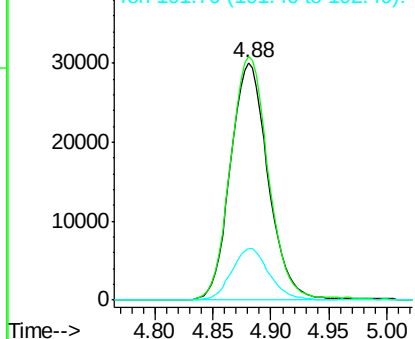


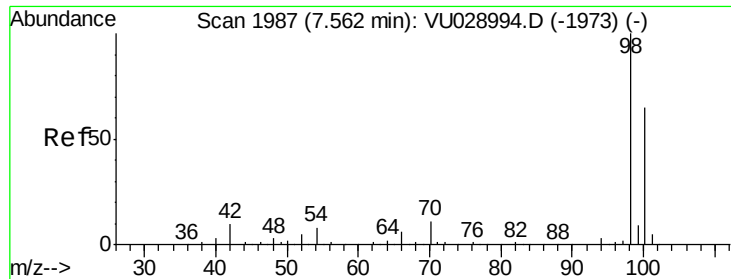
#35
 Dibromofluoromethane
 Concen: 51.195 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029157.D
 Acq: 14 Jan 2019 11:47

Tgt Ion:113 Resp: 67603
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.2
 192 21.9 16.8 25.2



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: 48.860 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029157.D

Acq: 14 Jan 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

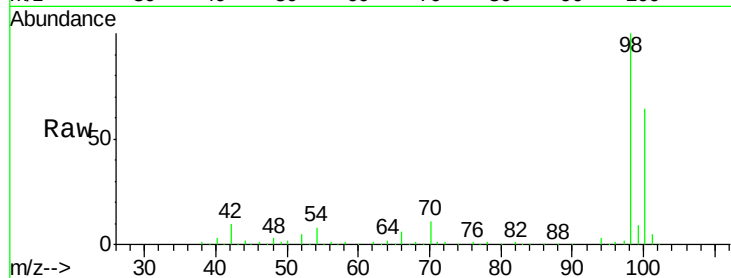
TB 2019.01.11-2

Tot Ion: 98 Resp: 254717

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)

7.56

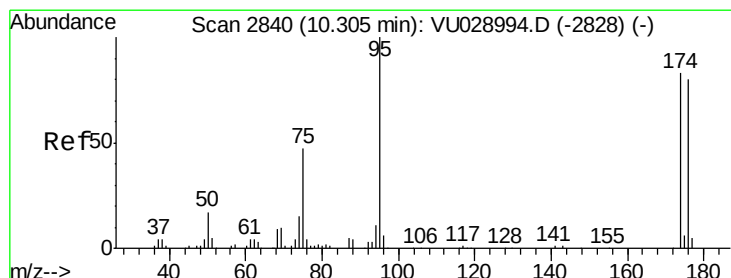
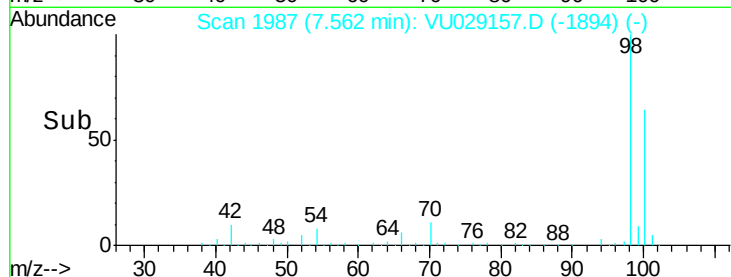
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.054 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029157.D

Acq: 14 Jan 2019 11:47

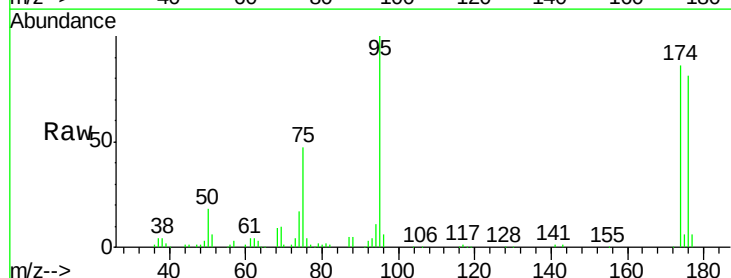
Tgt Ion: 95 Resp: 78790

Ion Ratio Lower Upper

95 100

174 85.5 0.0 170.6

176 83.1 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

10.30

60000

50000

40000

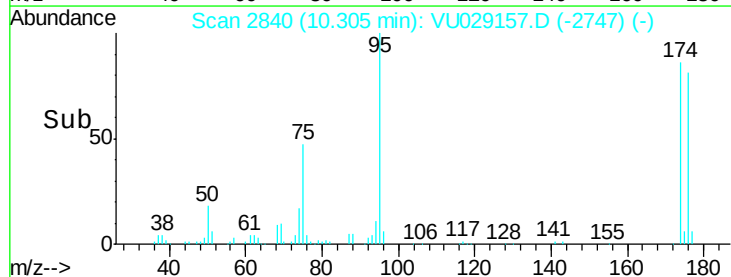
30000

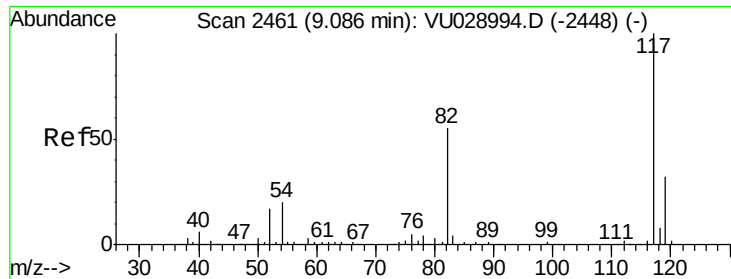
20000

10000

0

Time-->

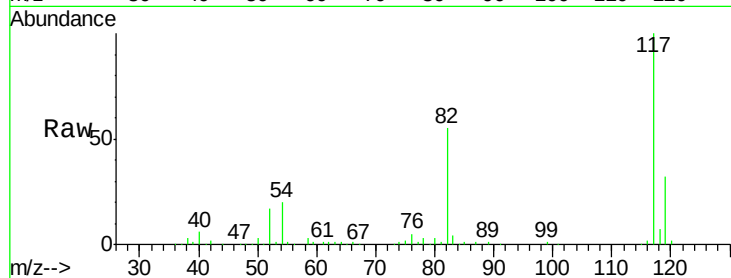




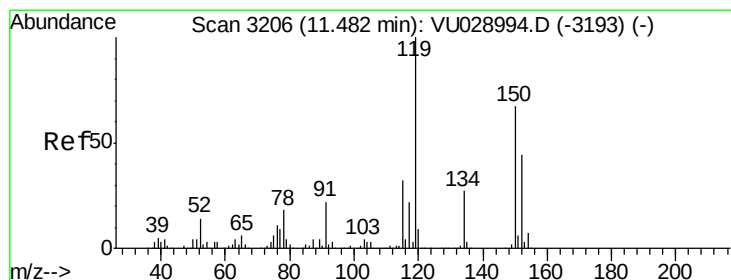
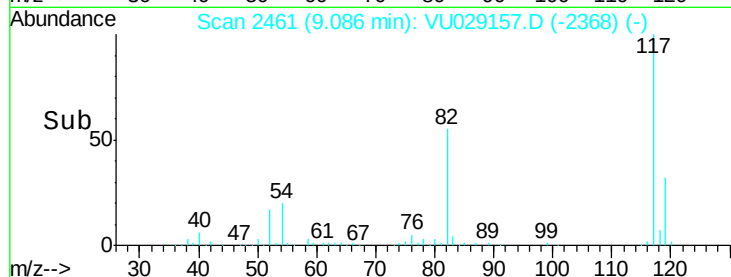
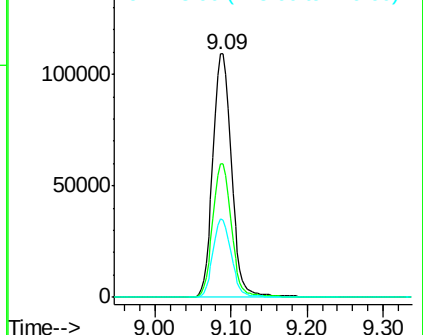
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029157.D
Acq: 14 Jan 2019 11:47

Instrument :
MSVOA_U
ClientSampleId :
TB 2019.01.11-2

Tot Ion:117 Resp: 186499
Ion Ratio Lower Upper
117 100
82 54.8 43.9 65.9
119 32.1 26.0 39.0

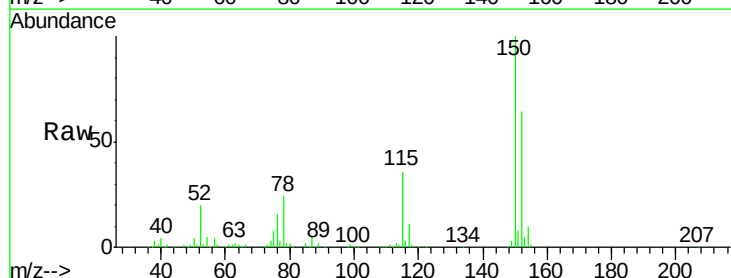


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029157.D
Acq: 14 Jan 2019 11:47

Tgt Ion:152 Resp: 73547
Ion Ratio Lower Upper
152 100
115 58.1 40.1 120.3
150 157.5 0.0 345.2



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

