

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010319\
 Data File : VU028997.D
 Acq On : 03 Jan 2019 15:06
 Operator : MD/SY
 Sample : I.BLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK49

Quant Time: Jan 04 02:30:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	139574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	233015	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	210091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	84718	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	4.88	113	74911	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	7.56	98	288604	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	10.30	95	93266	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	

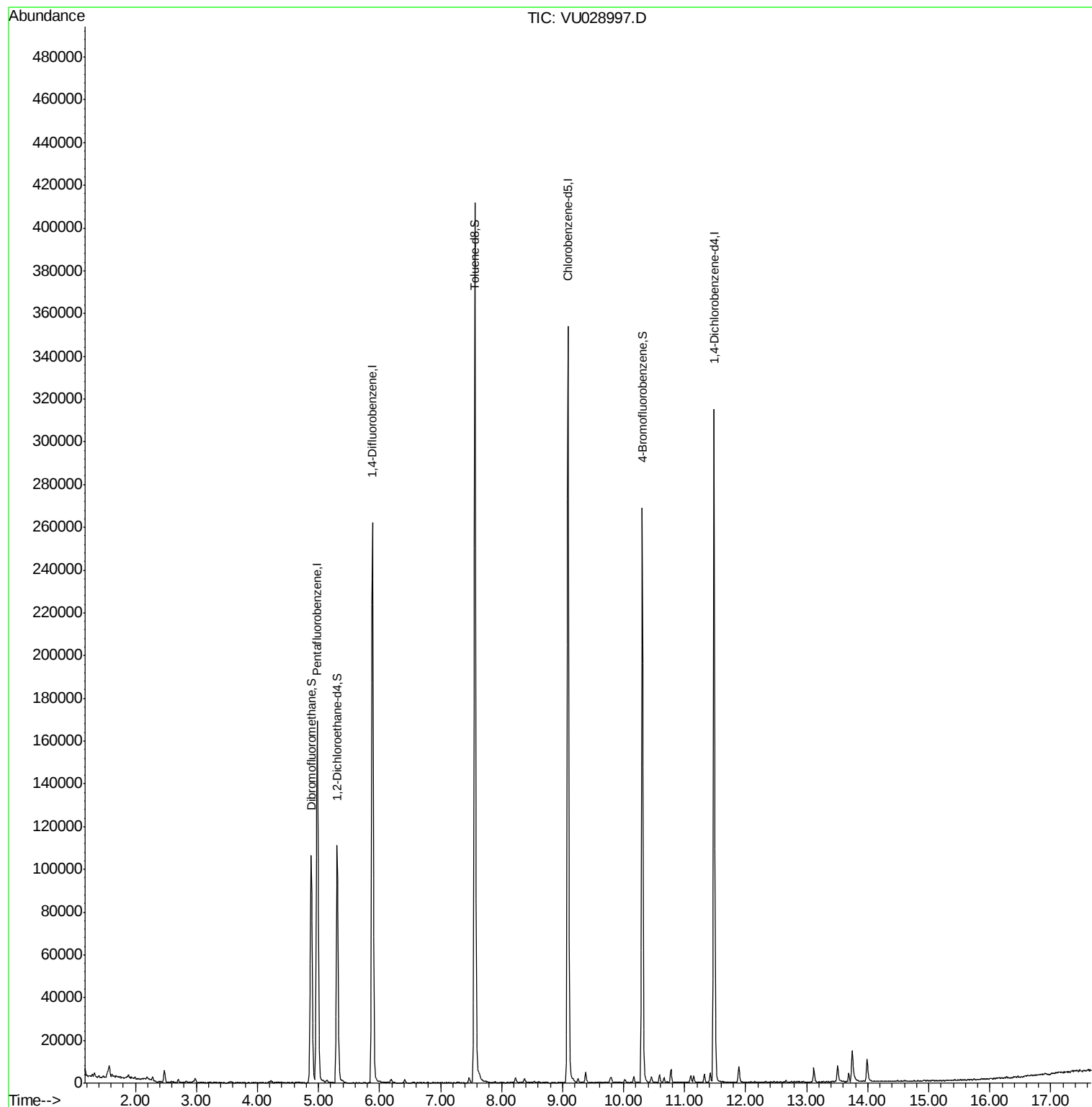
Target Compounds	Qvalue

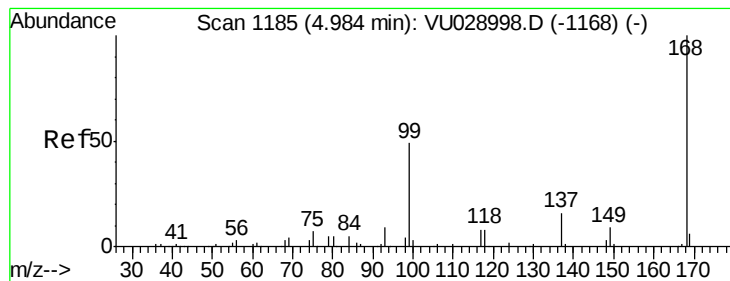
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028997.D

Acq: 03 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

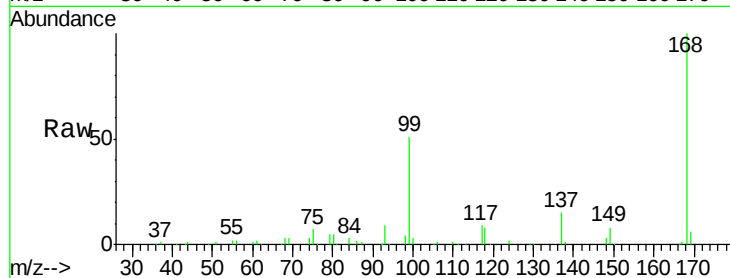
VBLK49

Tot Ion:168 Resp: 139574

Ion Ratio Lower Upper

168 100

99 51.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028997.D (-1191) (-)

Ion 98.90 (98.60 to 99.60): VU028997.D (-1191) (-)

4.98

60000

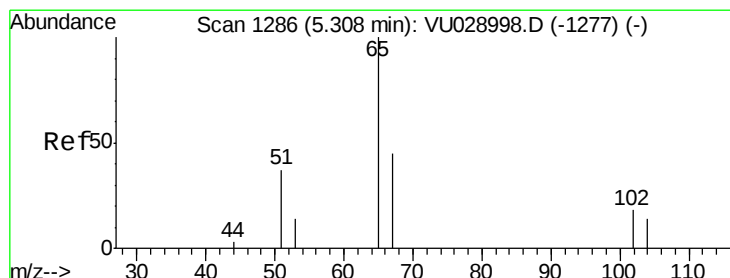
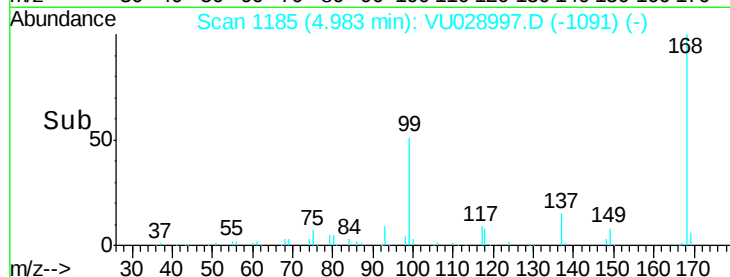
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.100 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028997.D

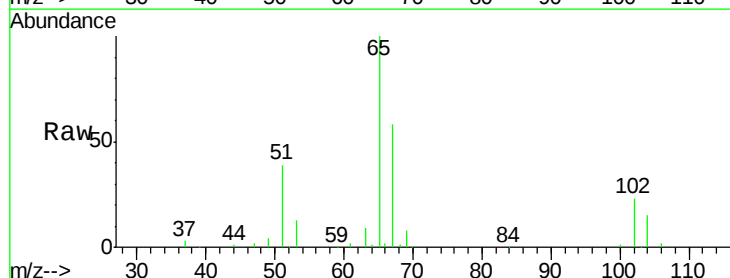
Acq: 03 Jan 2019 15:06

Tgt Ion: 65 Resp: 84718

Ion Ratio Lower Upper

65 100

67 57.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028997.D (-1192) (-)

Ion 66.90 (66.60 to 67.60): VU028997.D (-1192) (-)

5.31

40000

30000

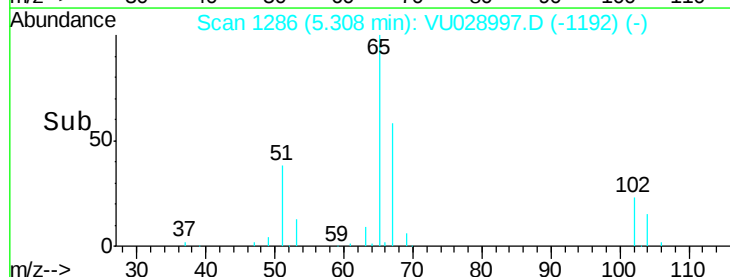
20000

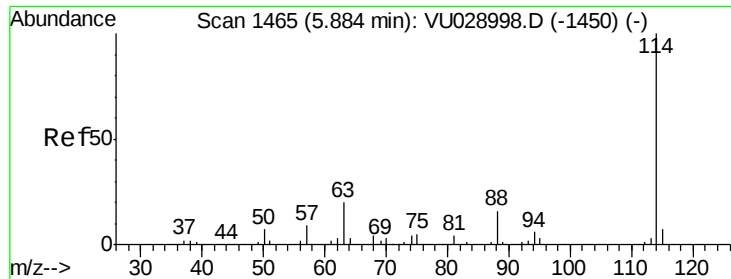
10000

0

5.20 5.30 5.40

Time-->

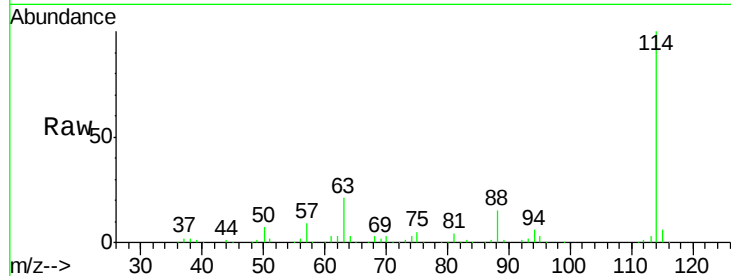




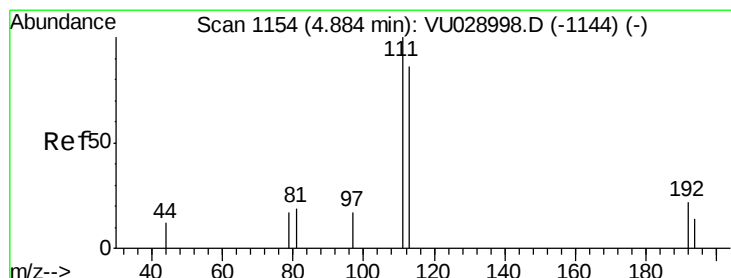
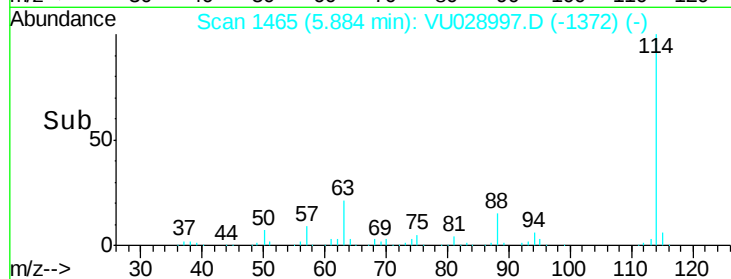
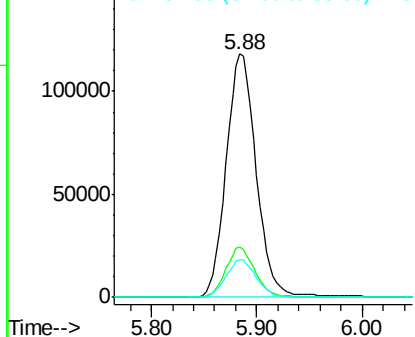
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028997.D
 Acq: 03 Jan 2019 15:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK49

Tot Ion:114	Resp:	233015
Ion	Ratio	Lower Upper
114	100	
63	20.7	0.0 40.2
88	15.5	0.0 30.4

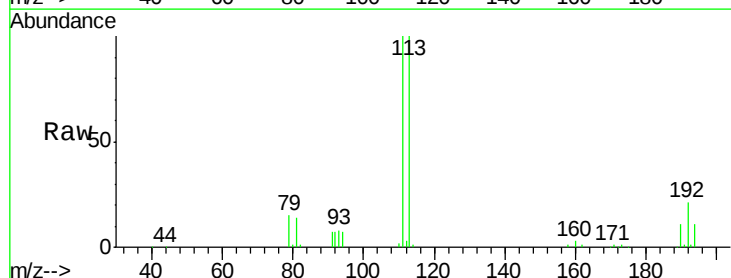


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

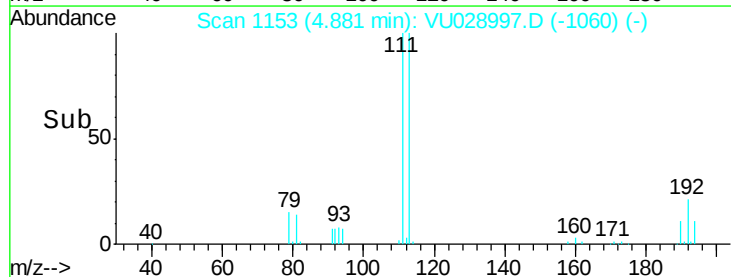
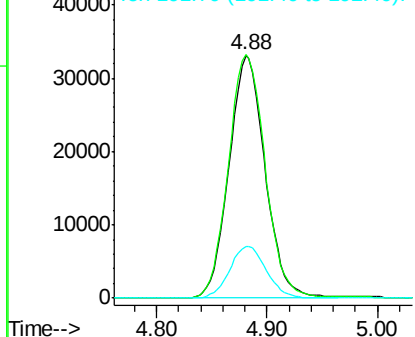


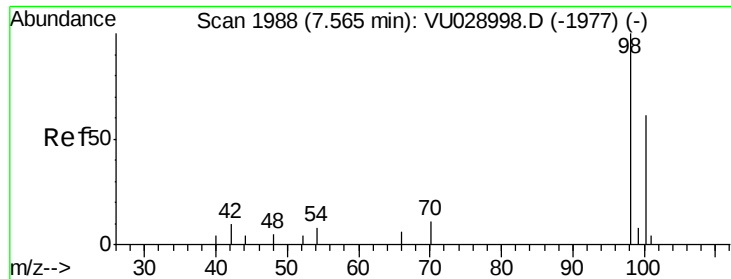
#35
 Dibromofluoromethane
 Concen: 49.594 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028997.D
 Acq: 03 Jan 2019 15:06

Tgt Ion:113	Resp:	74911
Ion	Ratio	Lower Upper
113	100	
111	102.7	81.4 122.2
192	21.6	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: 48.398 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028997.D

Acq: 03 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampled :

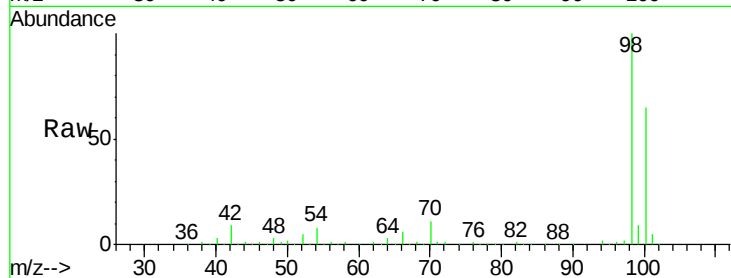
VBLK49

Tot Ion: 98 Resp: 288604

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)

Ion 100.00 (99.70 to 100.70): VU028998.D (-1977) (-)

7.56

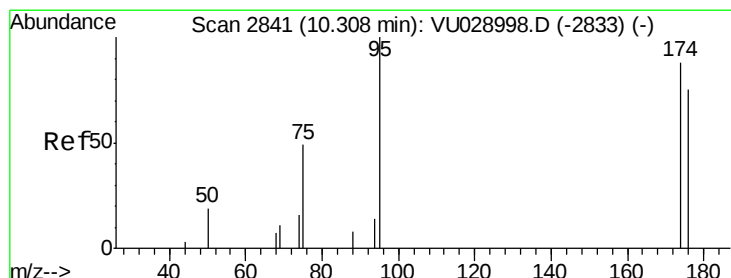
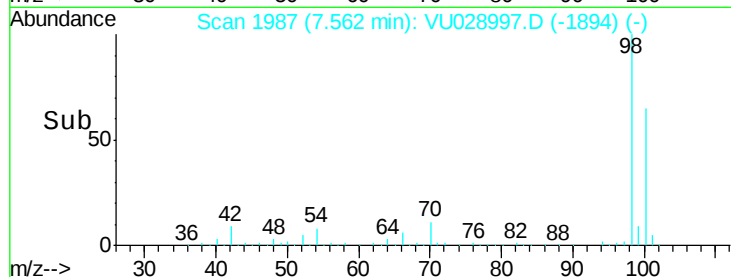
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.520 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028997.D

Acq: 03 Jan 2019 15:06

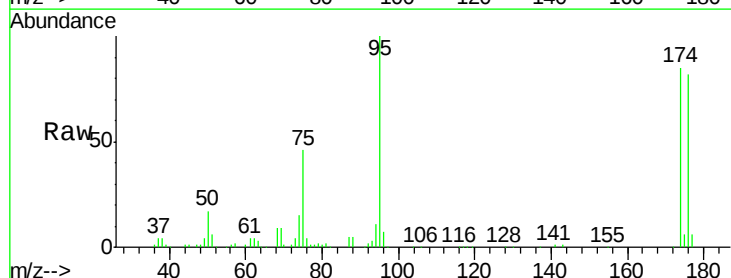
Tgt Ion: 95 Resp: 93266

Ion Ratio Lower Upper

95 100

174 85.0 0.0 170.6

176 81.6 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)

Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)

Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)

10.30

80000

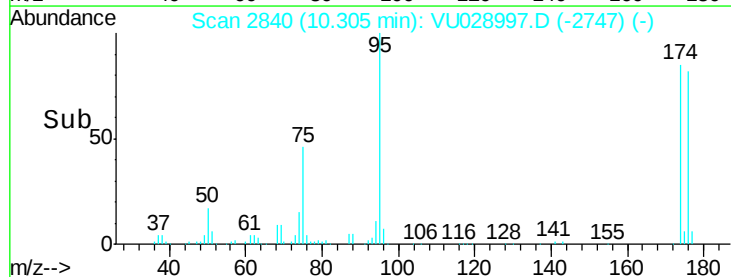
60000

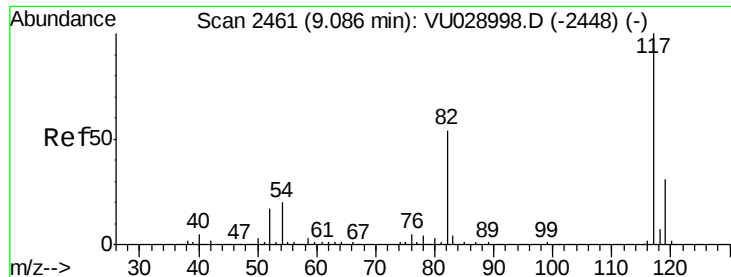
40000

20000

0

Time-->

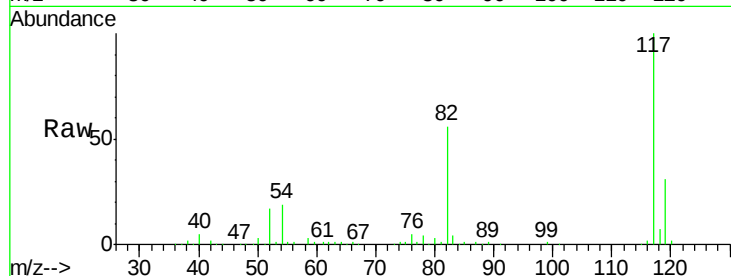




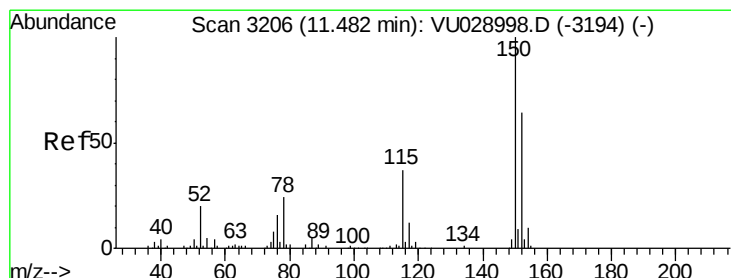
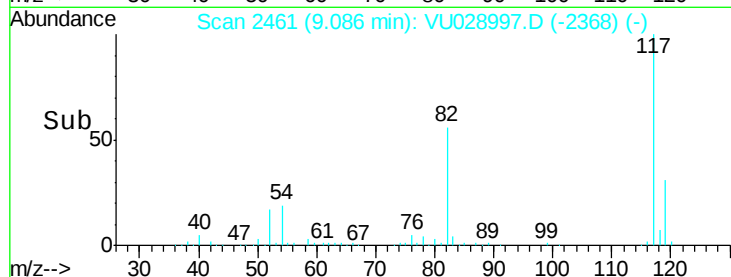
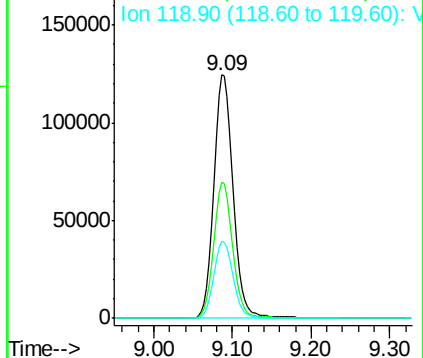
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028997.D
Acq: 03 Jan 2019 15:06

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tot Ion:117 Resp: 210091
Ion Ratio Lower Upper
117 100
82 55.9 43.9 65.9
119 31.5 26.0 39.0

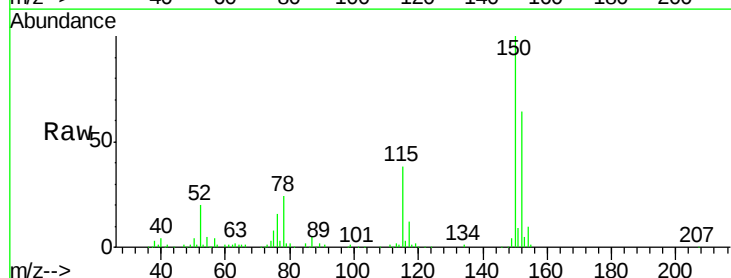


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028997.D
Acq: 03 Jan 2019 15:06

Tgt Ion:152 Resp: 84645
Ion Ratio Lower Upper
152 100
115 58.4 40.1 120.3
150 158.0 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

