

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028658.D
 Acq On : 12 Dec 2018 17:35
 Operator : MD/SY
 Sample : J6343-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW310S-20181209

Quant Time: Dec 13 03:10:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	88488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	158672	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	144020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	56438	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	71718	53.11	ug/l	0.00
Spiked Amount						
			Recovery	=	106.22%	
35) Dibromofluoromethane	4.88	113	54625	54.71	ug/l	0.00
Spiked Amount						
			Recovery	=	109.42%	
50) Toluene-d8	7.56	98	203868	51.61	ug/l	0.00
Spiked Amount						
			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	10.31	95	67397	45.65	ug/l	0.00
Spiked Amount						
			Recovery	=	91.30%	

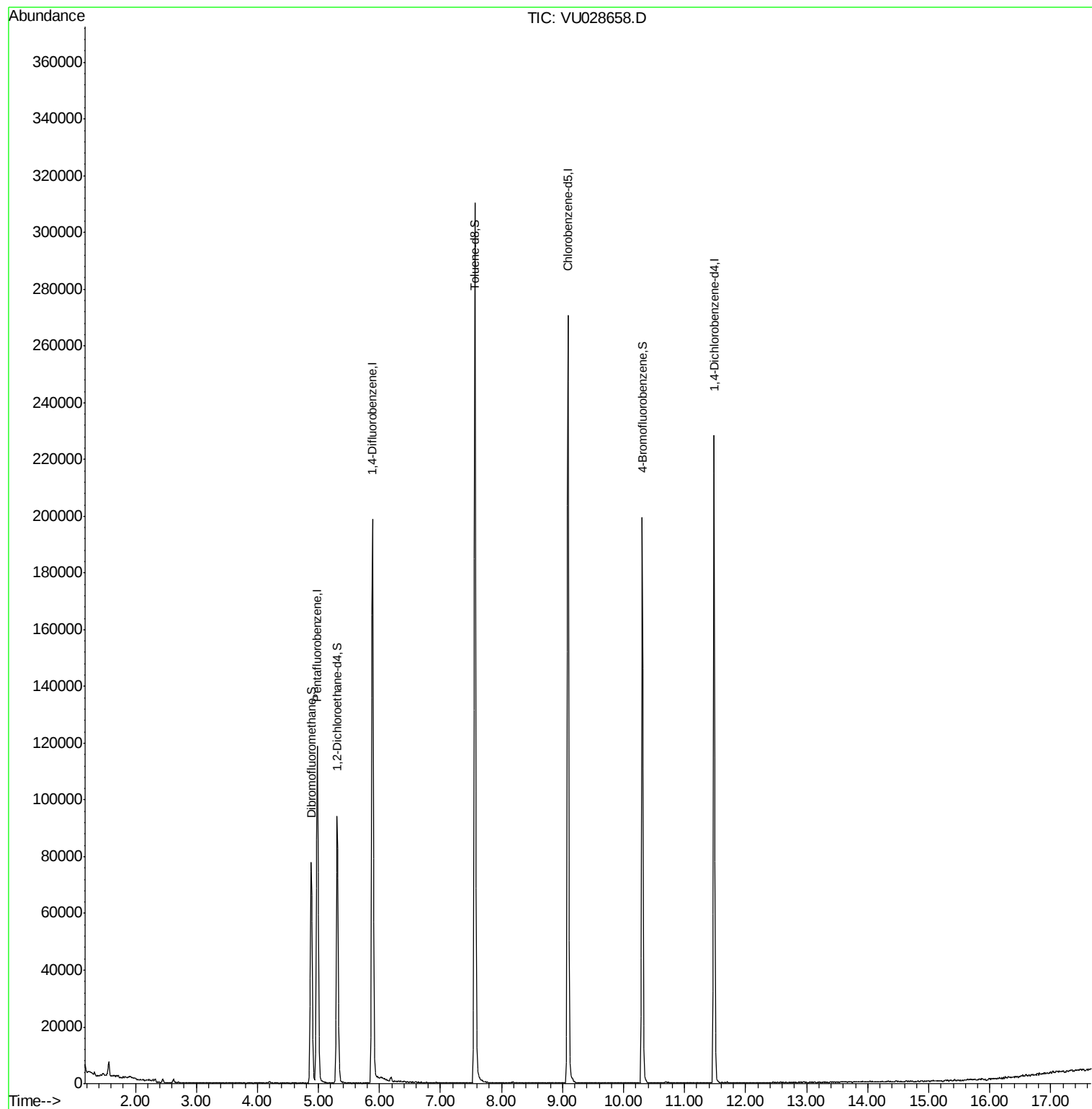
Target Compounds	Qvalue
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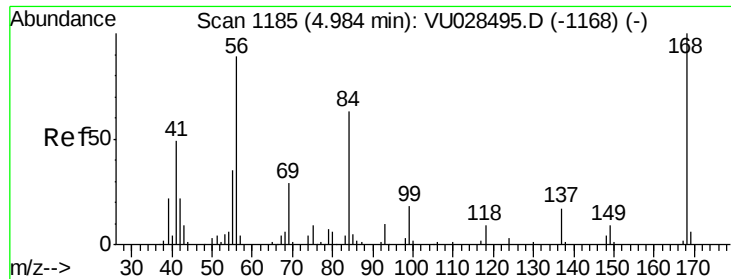
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028658.D

Acq: 12 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

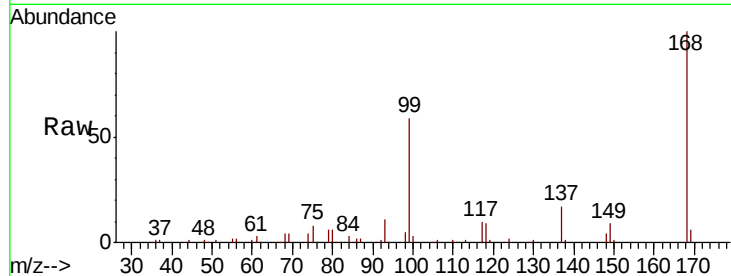
BPS1-TT-MW310S-20181209

Tot Ion:168 Resp: 88488

Ion Ratio Lower Upper

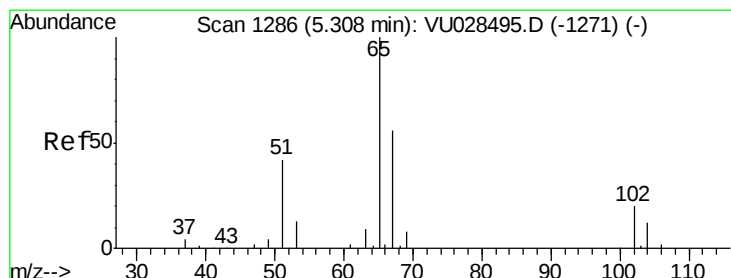
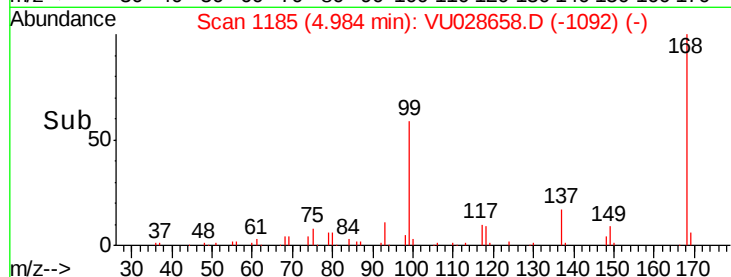
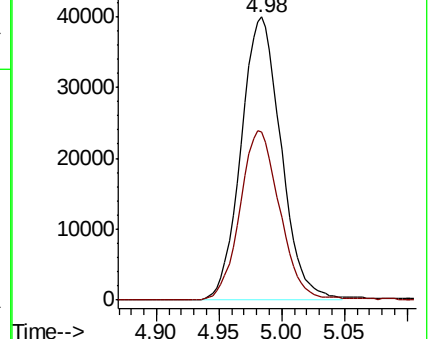
168 100

99 59.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.109 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028658.D

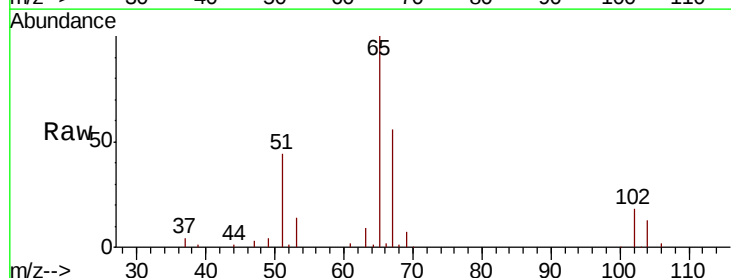
Acq: 12 Dec 2018 17:35

Tgt Ion: 65 Resp: 71718

Ion Ratio Lower Upper

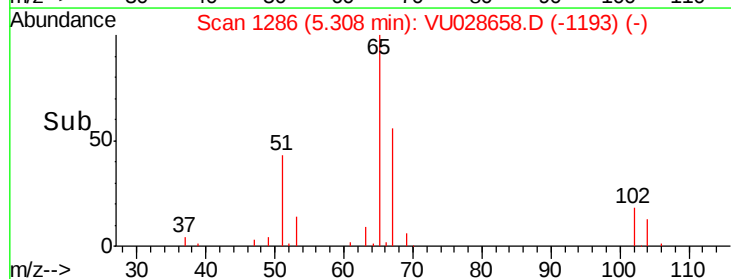
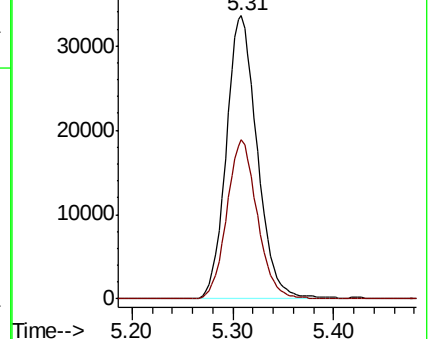
65 100

67 55.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028658.D

Acq: 12 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW310S-20181209

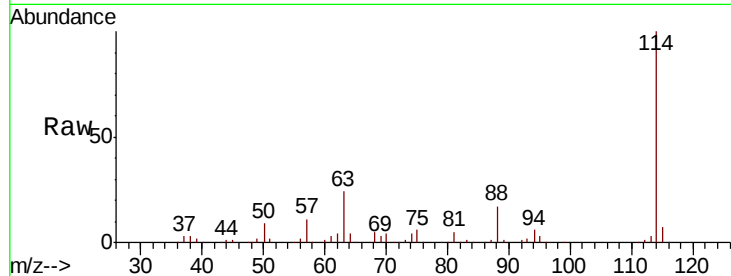
Tot Ion:114 Resp: 158672

Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

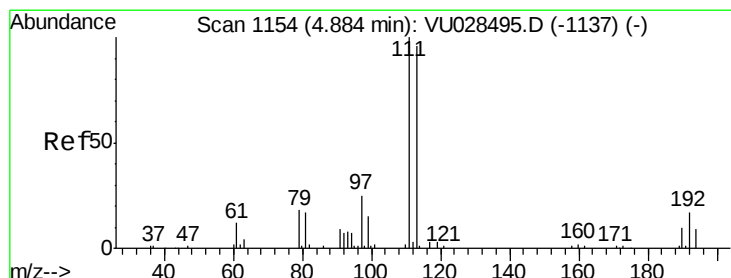
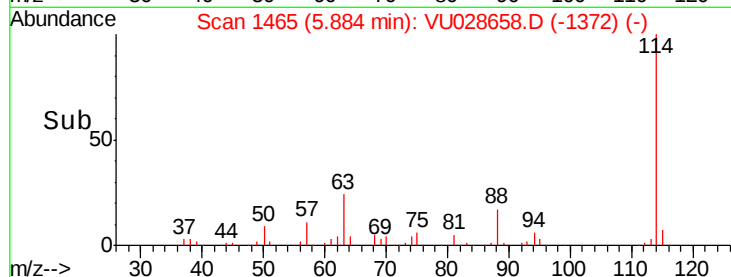
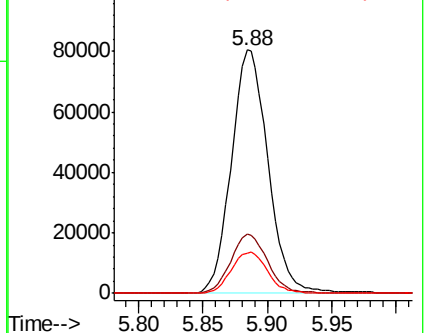
88 16.7 0.0 33.4



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: 54.705 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028658.D

Acq: 12 Dec 2018 17:35

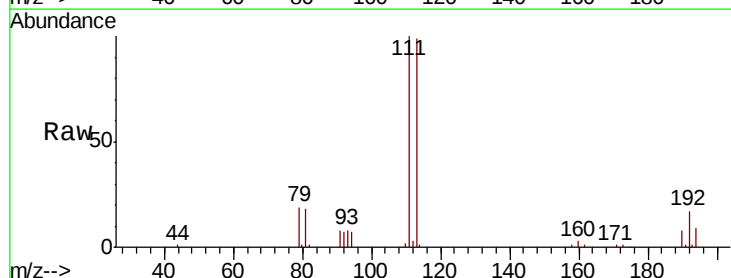
Tgt Ion:113 Resp: 54625

Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.0

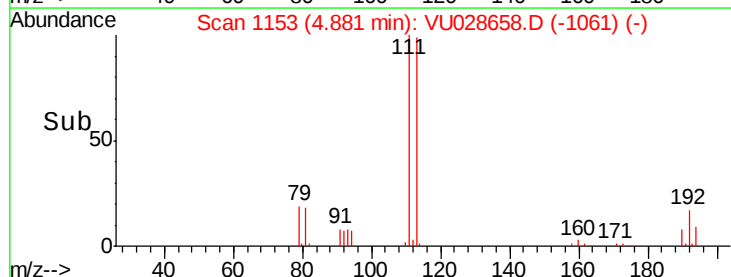
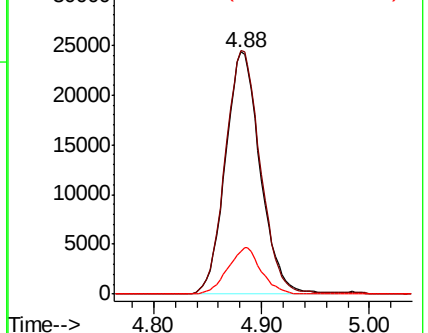
192 18.3 14.8 22.2

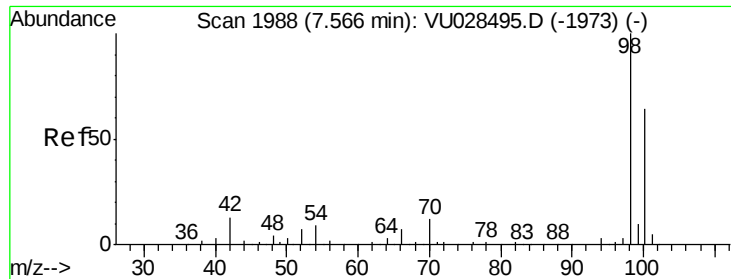


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.612 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028658.D

Acq: 12 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

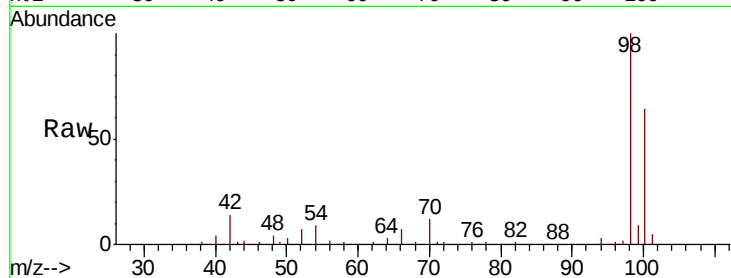
BPS1-TT-MW310S-20181209

Tot Ion: 98 Resp: 203868

Ion Ratio Lower Upper

98 100

100 64.2 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

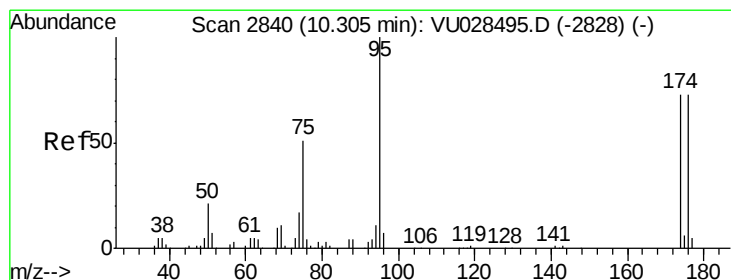
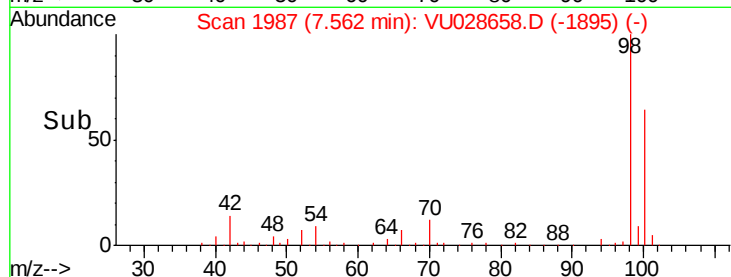
7.56

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.650 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028658.D

Acq: 12 Dec 2018 17:35

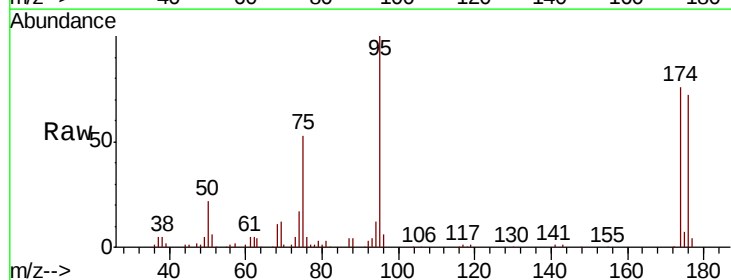
Tgt Ion: 95 Resp: 67397

Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.4

176 72.8 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.31

50000

40000

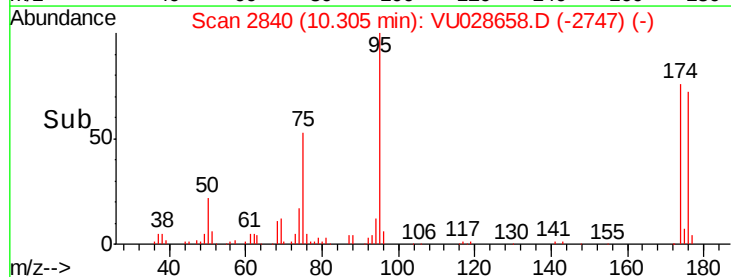
30000

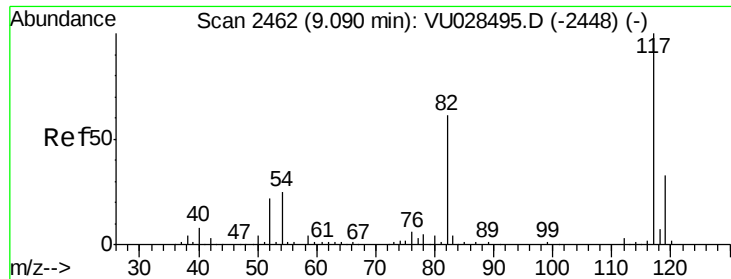
20000

10000

0

Time-->

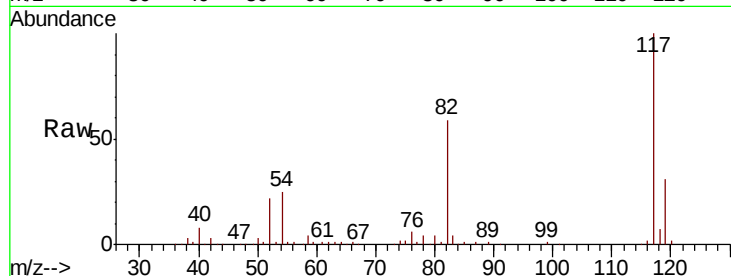




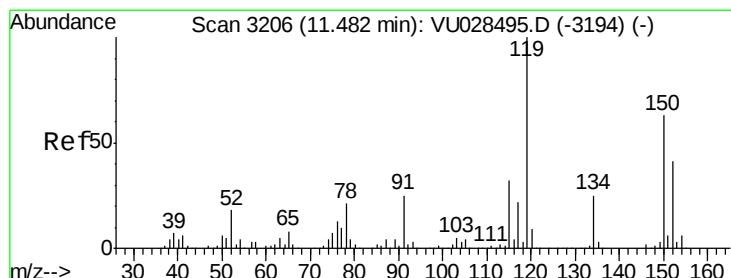
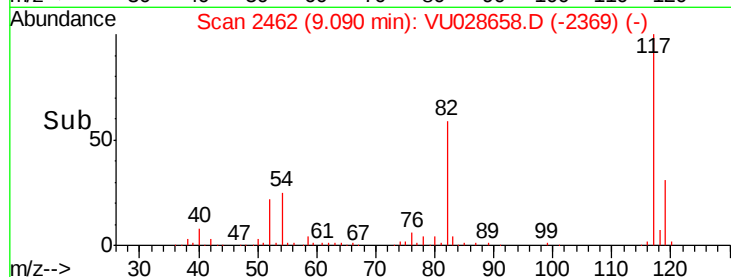
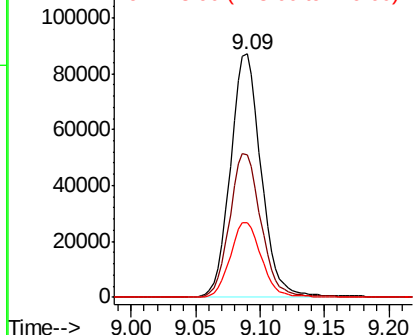
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028658.D
Acq: 12 Dec 2018 17:35

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW310S-20181209

Tot Ion:117 Resp: 144020
Ion Ratio Lower Upper
117 100
82 58.8 48.9 73.3
119 30.8 26.2 39.4

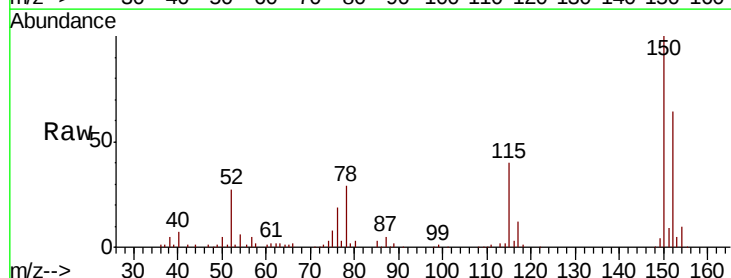


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028658.D
Acq: 12 Dec 2018 17:35

Tgt Ion:152 Resp: 56438
Ion Ratio Lower Upper
152 100
115 61.4 42.7 128.1
150 156.7 0.0 346.0



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

