

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028583.D
 Acq On : 11 Dec 2018 04:52
 Operator : MD/SY
 Sample : J6335-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW10-20181208

Quant Time: Dec 11 08:20:51 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

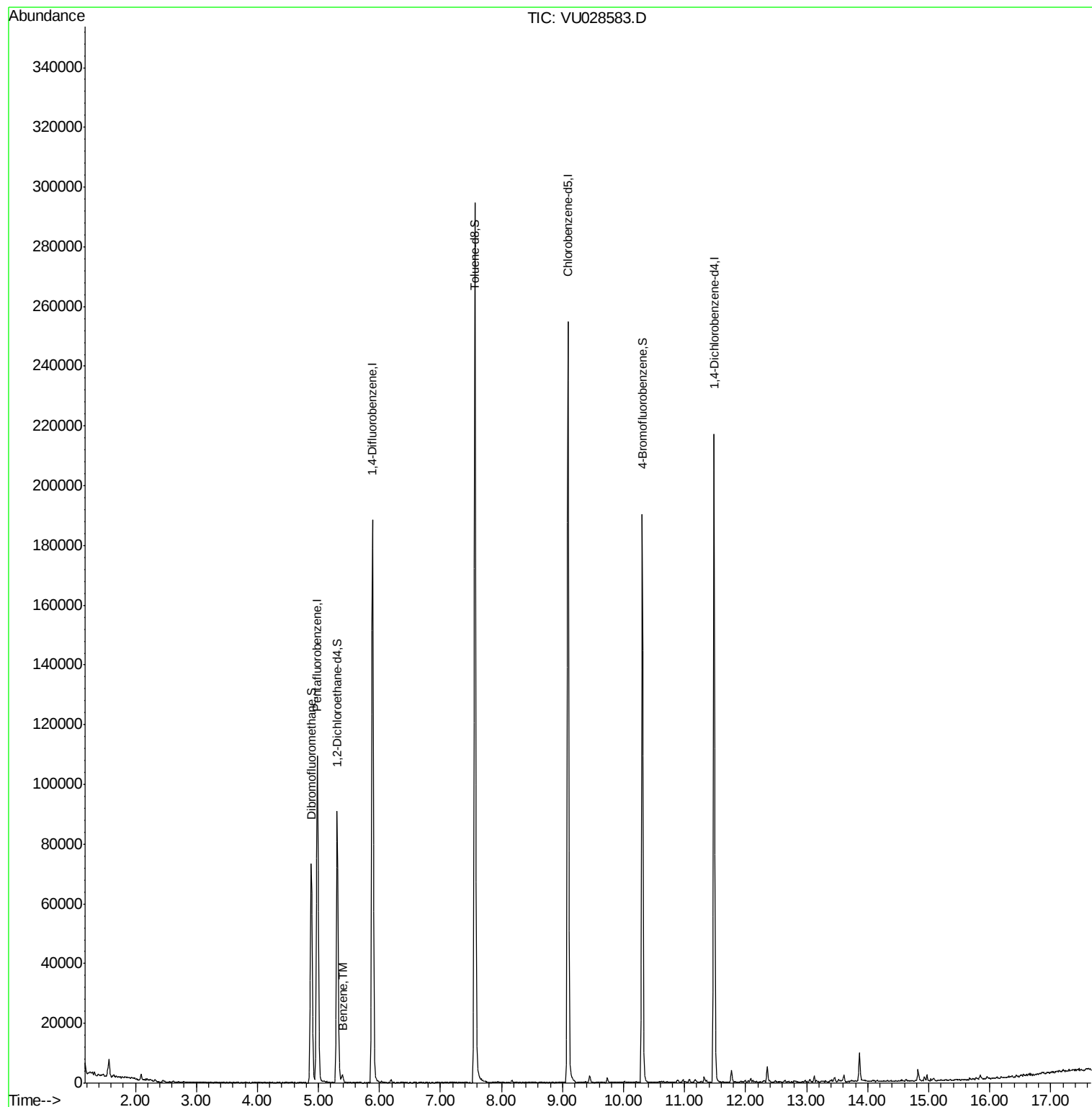
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	80669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	148250	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	132596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69965	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	4.88	113	50134	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
50) Toluene-d8	7.57	98	193615	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	10.30	95	63153	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
40) Benzene	5.39	78	2682	0.561	ug/l #	90

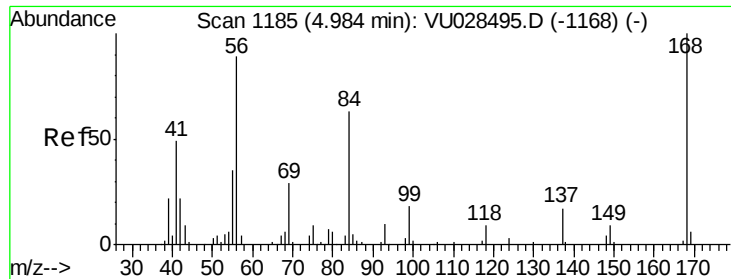
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

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ClientSampleId :

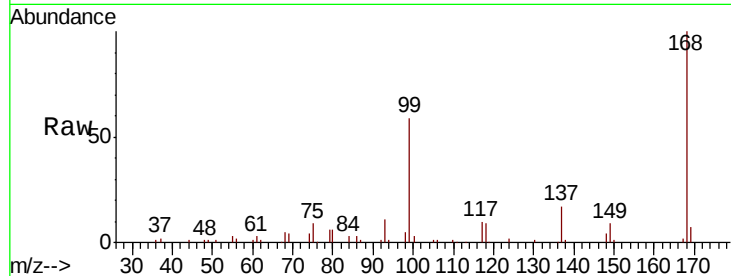
BP-TT-AOC22-MW10-20181208

Tot Ion:168 Resp: 80669

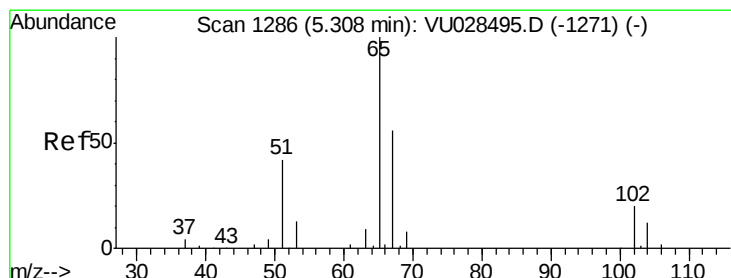
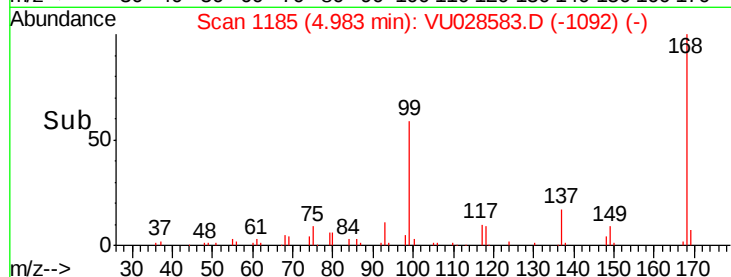
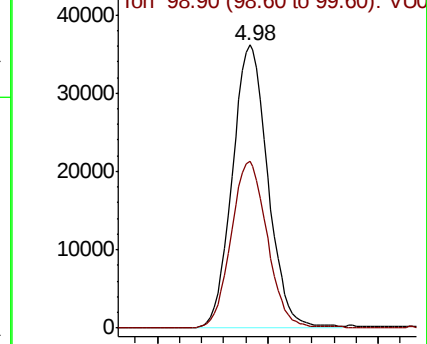
Ion Ratio Lower Upper

168 100

99 59.0 46.6 69.8



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



#33

1,2-Dichloroethane-d4

Concen: 56.833 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028583.D

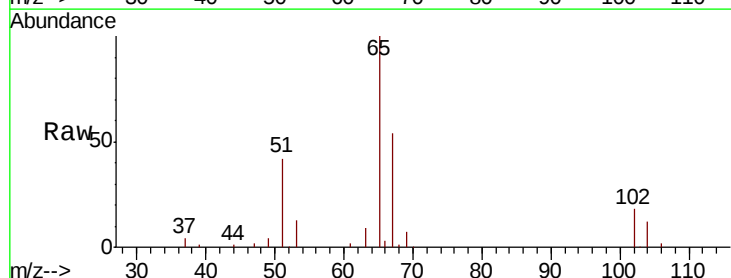
Acq: 11 Dec 2018 04:52

Tgt Ion: 65 Resp: 69965

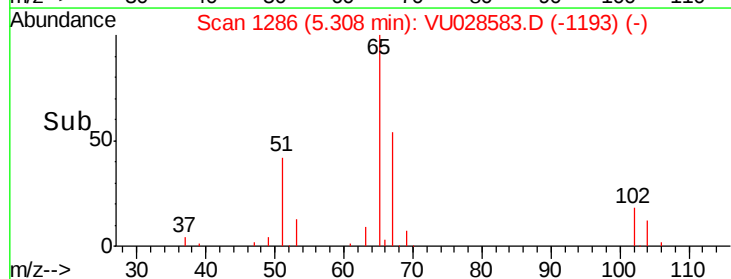
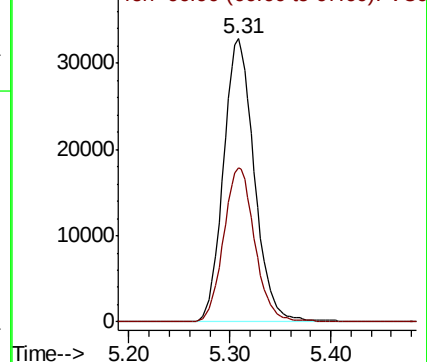
Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.6



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

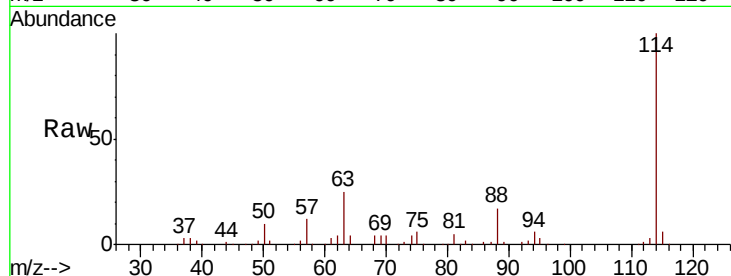




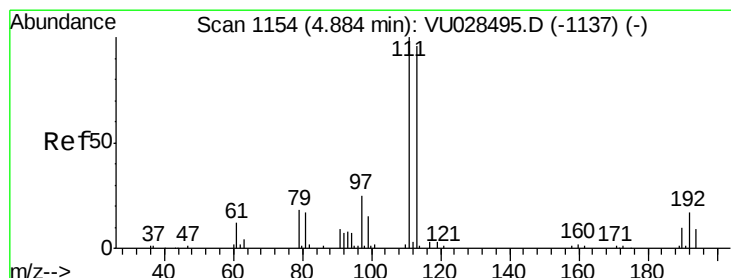
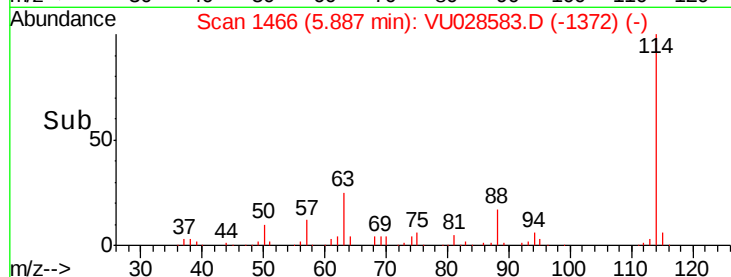
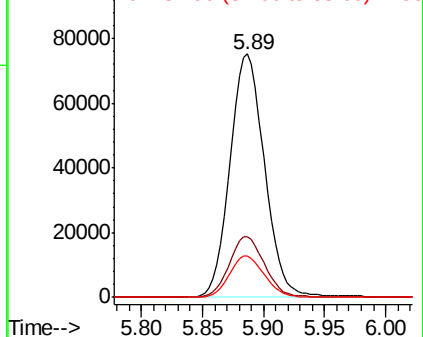
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028583.D
 Acq: 11 Dec 2018 04:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW10-20181208

Tot Ion:	114	Resp:	148250
Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	17.2	0.0	33.4

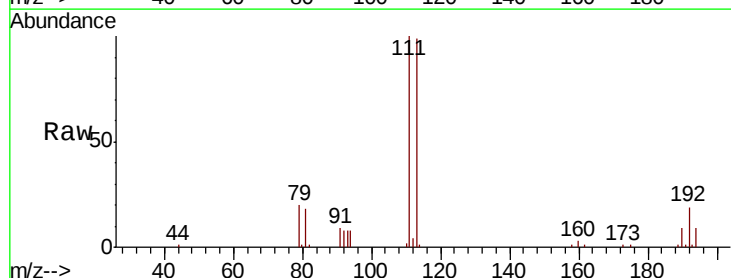


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

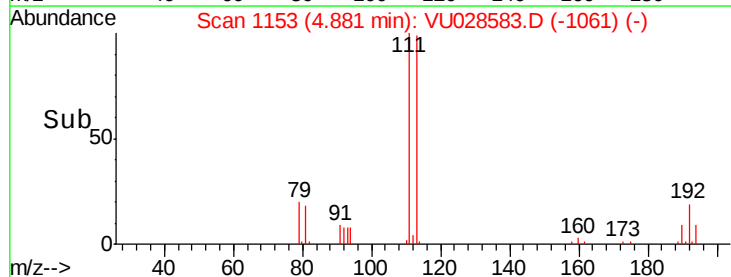
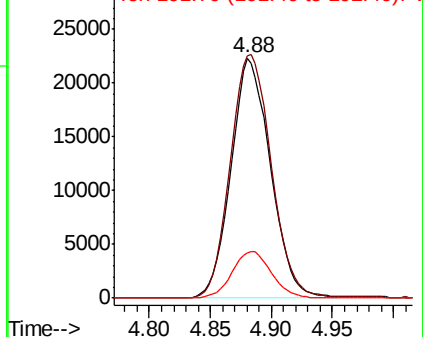


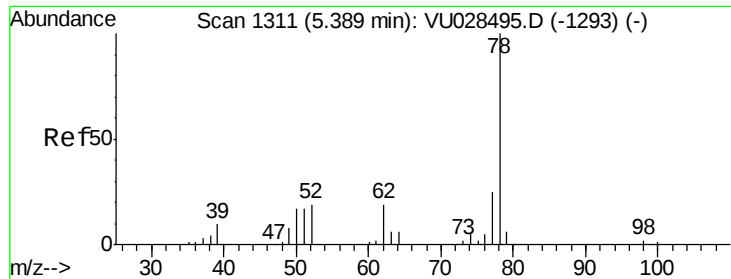
#35
 Dibromofluoromethane
 Concen: 53.737 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028583.D
 Acq: 11 Dec 2018 04:52

Tgt Ion:	113	Resp:	50134
Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.4	125.0
192	19.2	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





#40

Benzene

Concen: 0.561 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU028583.D

Acq: 11 Dec 2018 04:52

Instrument :

MSVOA_U

ClientSampleId :

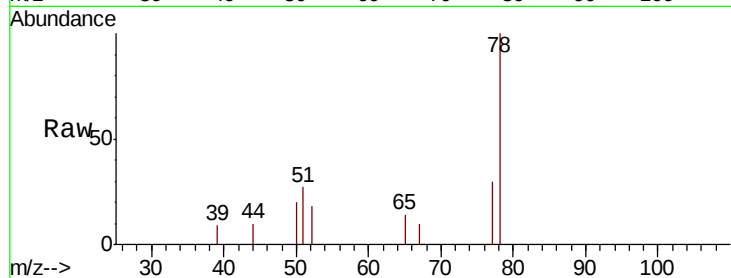
BP-TT-AOC22-MW10-20181208

Tot Ion: 78 Resp: 2682

Ion Ratio Lower Upper

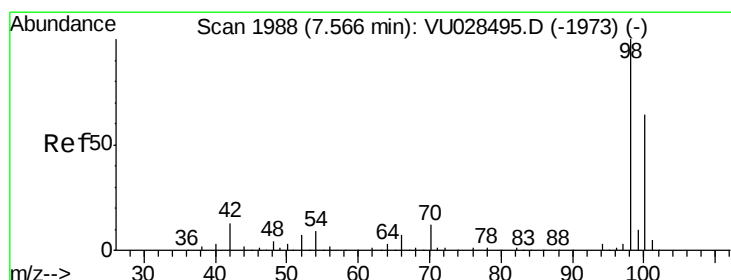
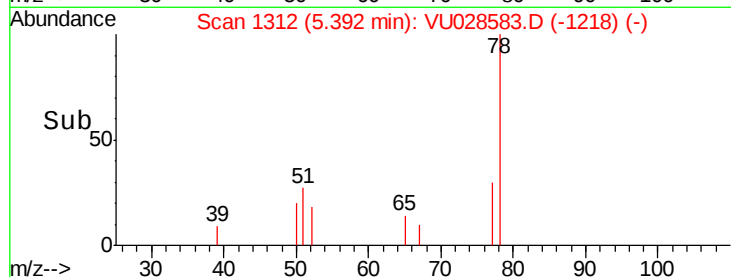
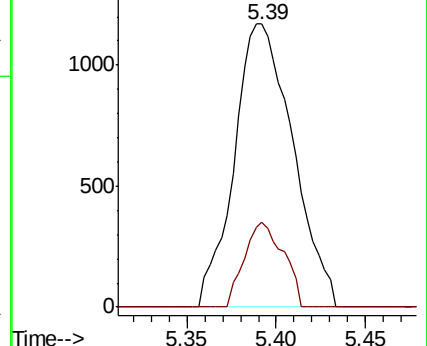
78 100

77 30.0 19.9 29.9#



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 52.462 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028583.D

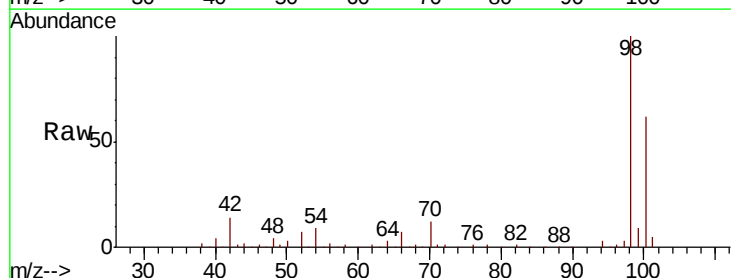
Acq: 11 Dec 2018 04:52

Tgt Ion: 98 Resp: 193615

Ion Ratio Lower Upper

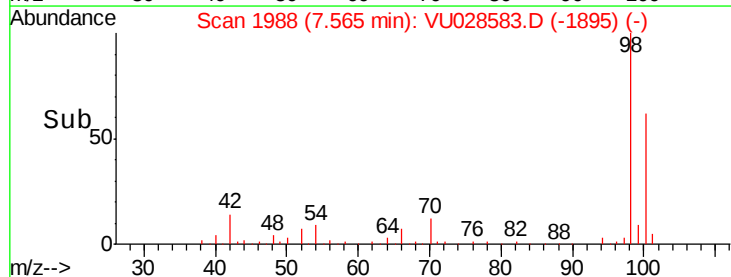
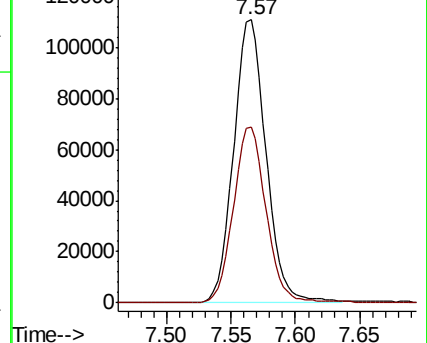
98 100

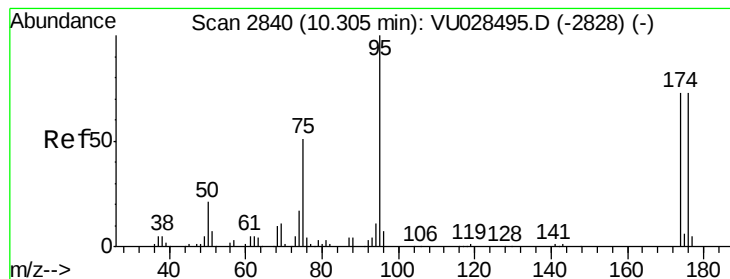
100 62.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 45.783 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028583.D

Acq: 11 Dec 2018 04:52

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-AOC22-MW10-20181208

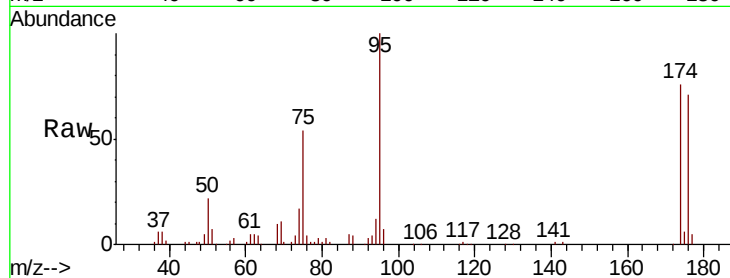
Tot Ion: 95 Resp: 63153

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.4

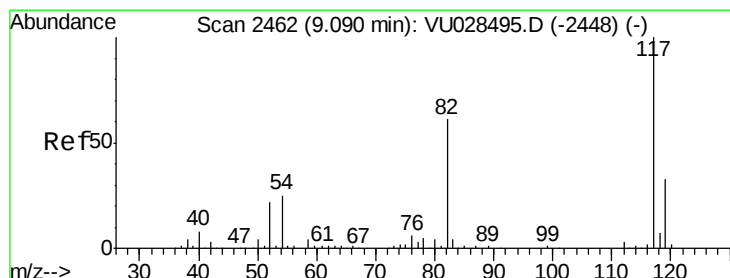
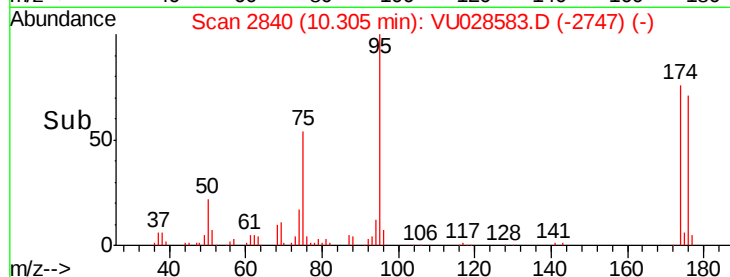
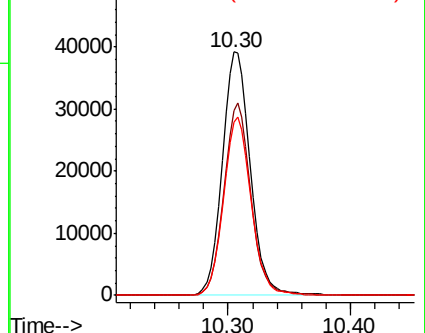
176 72.2 0.0 145.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028583.D

Acq: 11 Dec 2018 04:52

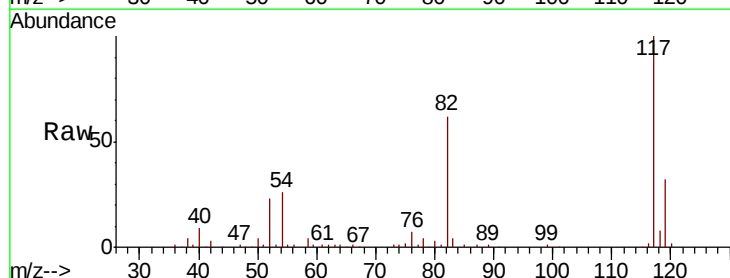
Tgt Ion: 117 Resp: 132596

Ion Ratio Lower Upper

117 100

82 62.1 48.9 73.3

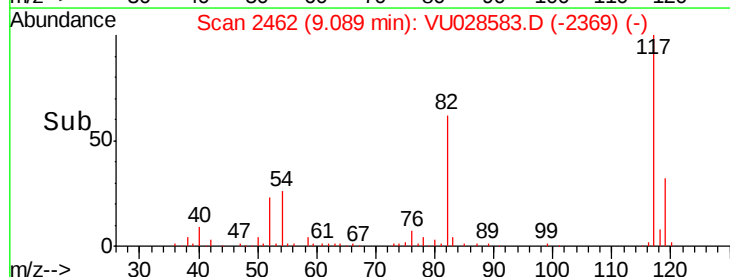
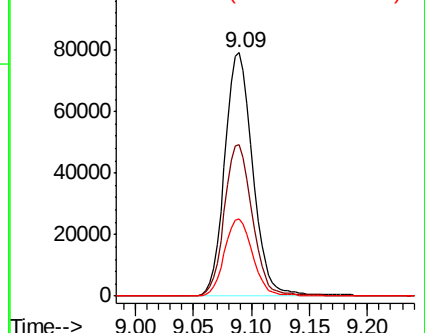
119 31.6 26.2 39.4

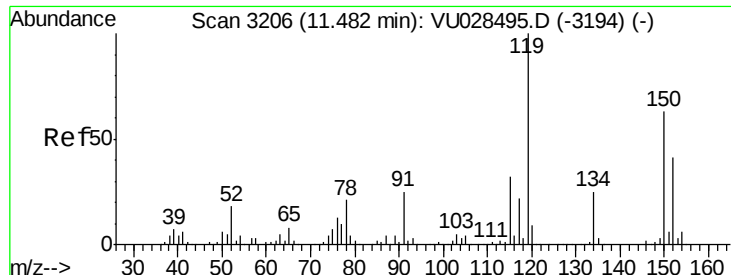


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028583.D
 Acq: 11 Dec 2018 04:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW10-20181208

Tot Ion:152 Resp: 53752
 Ion Ratio Lower Upper
 152 100
 115 60.7 42.7 128.1
 150 152.7 0.0 346.0

