

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028579.D
 Acq On : 11 Dec 2018 03:15
 Operator : MD/SY
 Sample : J6305-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-12062018

Quant Time: Dec 11 04:44:53 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

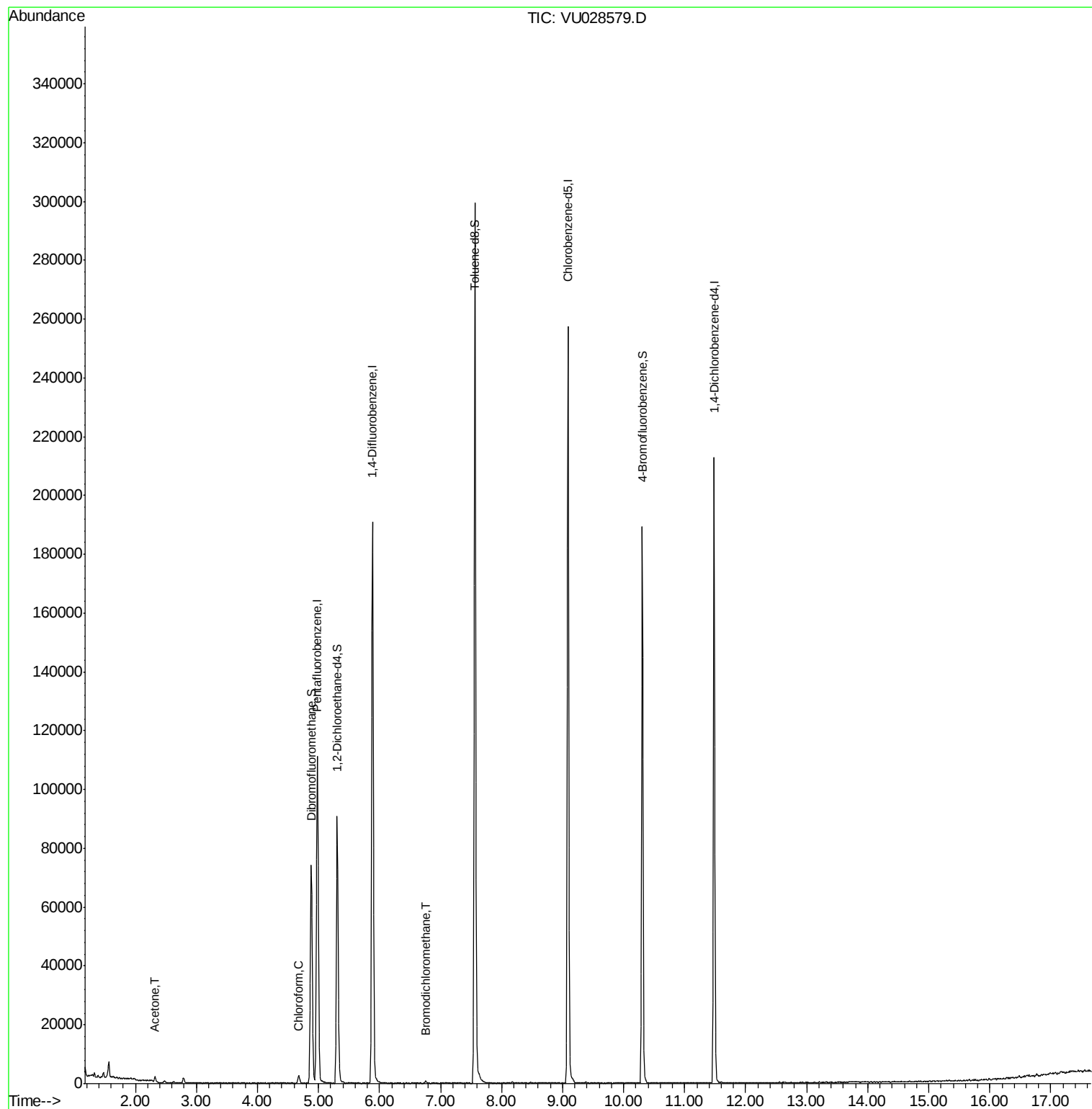
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	83116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	152204	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69198	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
35) Dibromofluoromethane	4.88	113	51824	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
50) Toluene-d8	7.57	98	196440	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	10.31	95	63276	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
Target Compounds						
16) Acetone	2.32	43	2298	2.776	ug/l	90
30) Chloroform	4.67	83	2554	1.315	ug/l	92
47) Bromodichloromethane	6.76	83	827	0.519	ug/l #	93

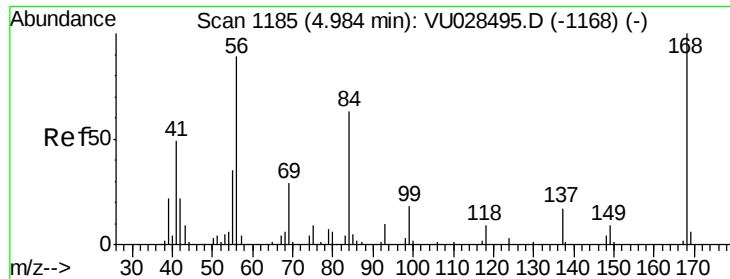
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028579.D

Acq: 11 Dec 2018 03:15

Instrument :

MSVOA_U

ClientSampleId :

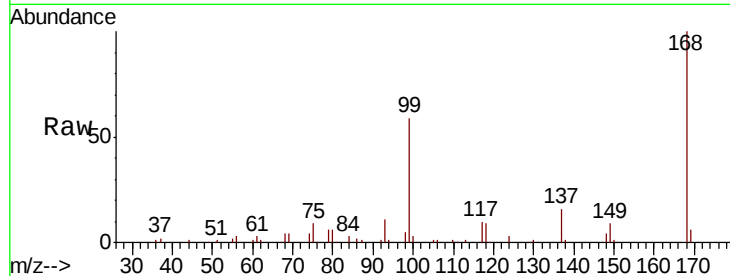
TB-12062018

Tot Ion:168 Resp: 83116

Ion Ratio Lower Upper

168 100

99 58.8 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028579.D (-1092) (-)

4.98

40000

30000

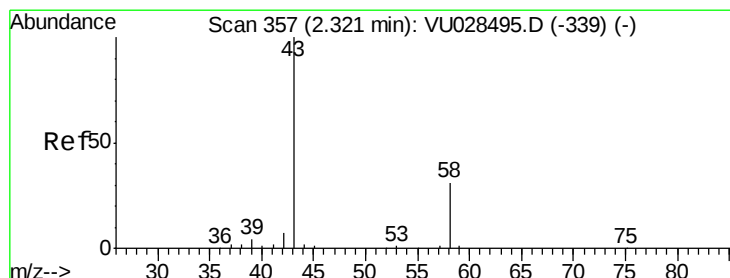
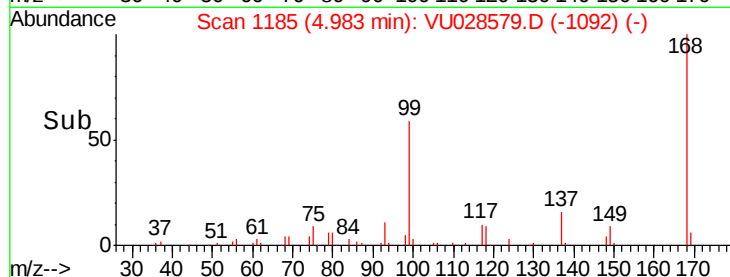
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 2.776 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028579.D

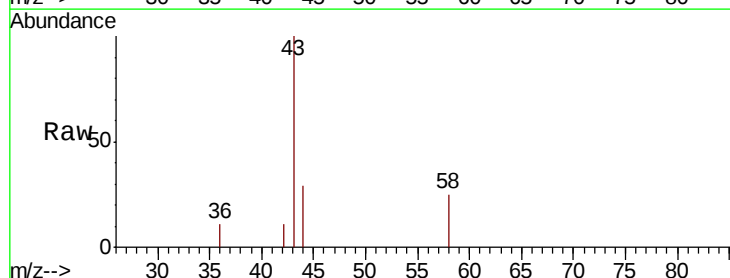
Acq: 11 Dec 2018 03:15

Tgt Ion: 43 Resp: 2298

Ion Ratio Lower Upper

43 100

58 25.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU028579.D (-264) (-)

2.32

1500

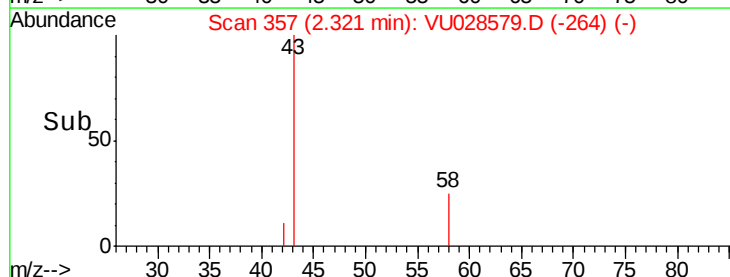
1000

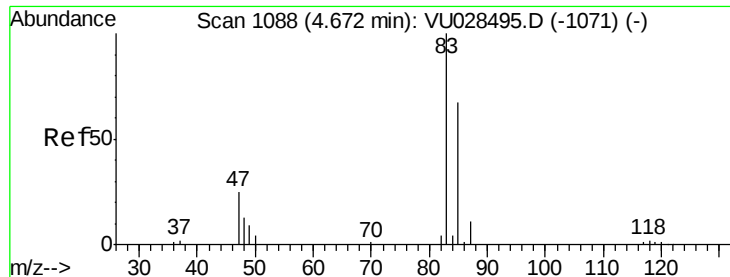
500

0

2.30 2.35

Time-->

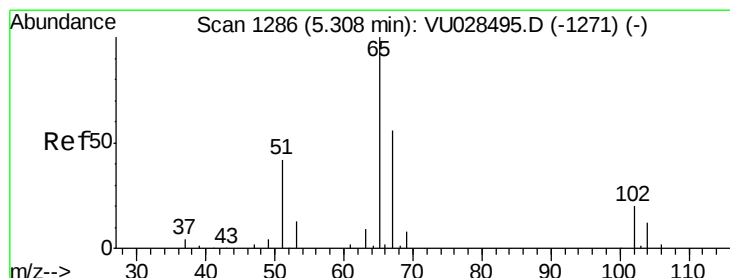
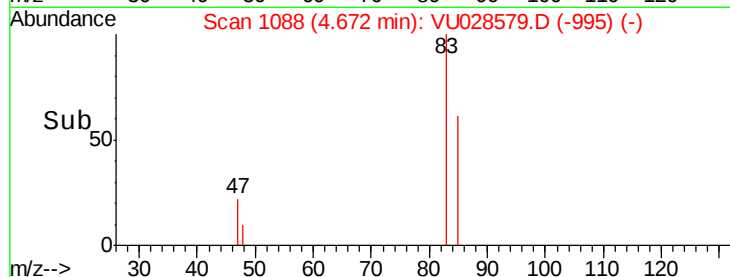
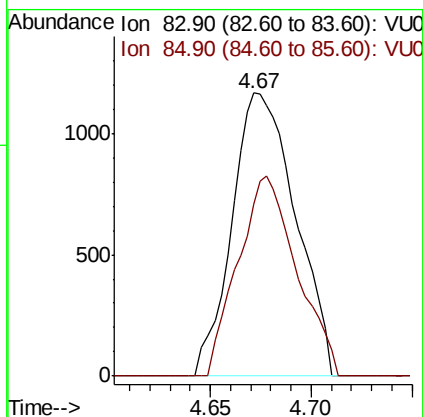
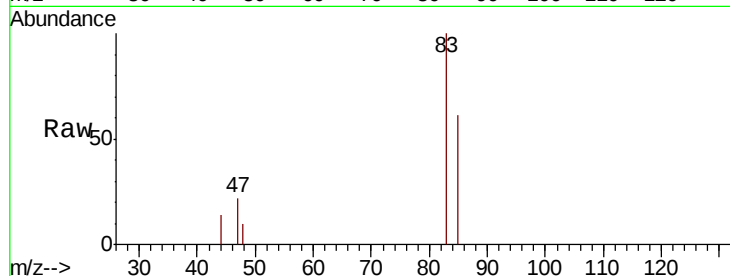




#30
Chloroform
Concen: 1.315 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028579.D
Acq: 11 Dec 2018 03:15

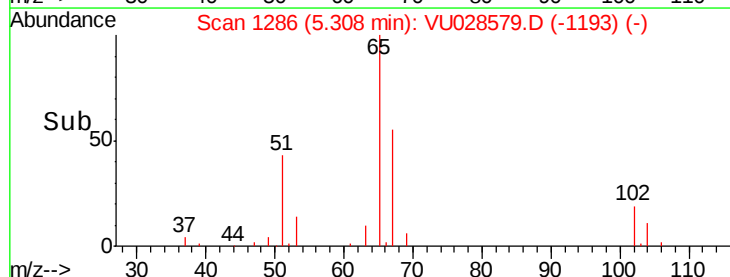
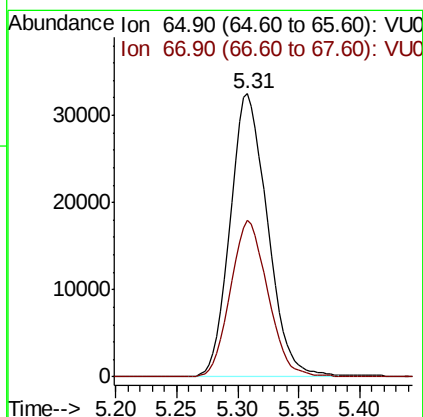
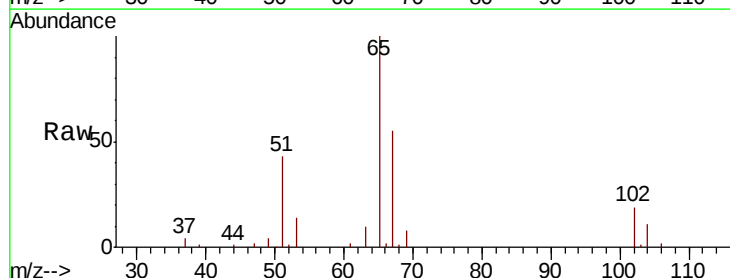
Instrument :
MSVOA_U
ClientSampleId :
TB-12062018

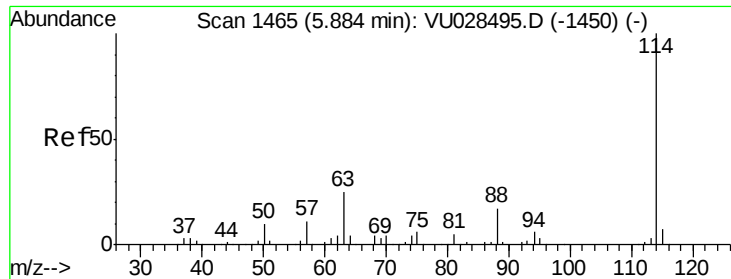
Tot Ion: 83 Resp: 2554
Ion Ratio Lower Upper
83 100
85 60.8 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 54.555 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028579.D
Acq: 11 Dec 2018 03:15

Tgt Ion: 65 Resp: 69198
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6

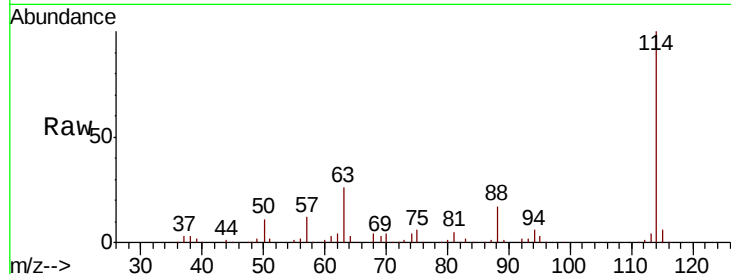




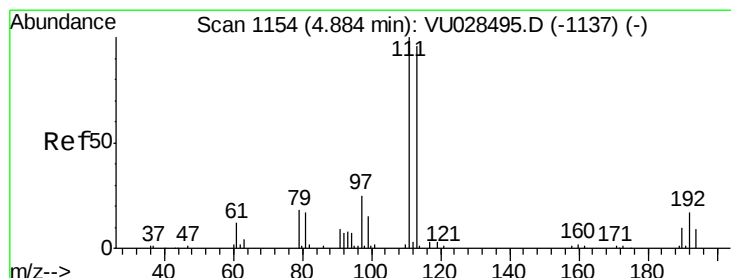
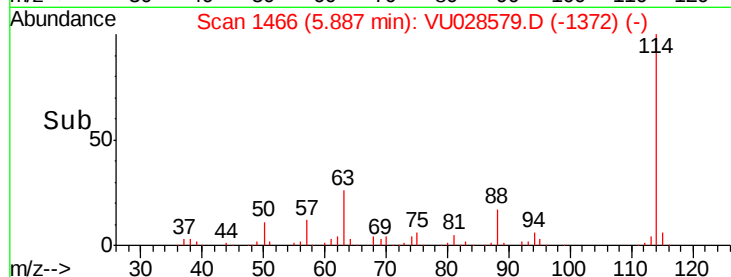
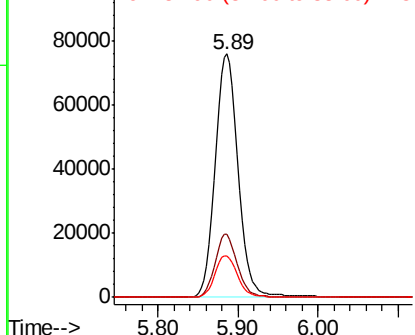
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028579.D
 Acq: 11 Dec 2018 03:15

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-12062018

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.8	0.0	49.2
88	16.9	0.0	33.4

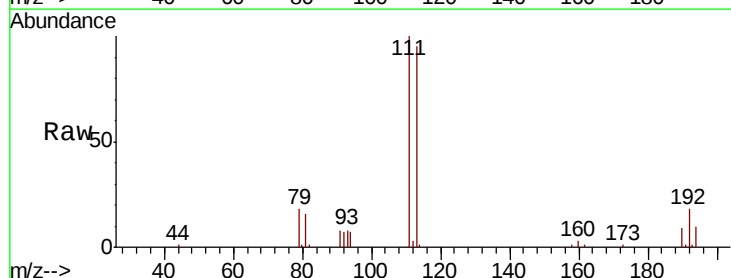


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

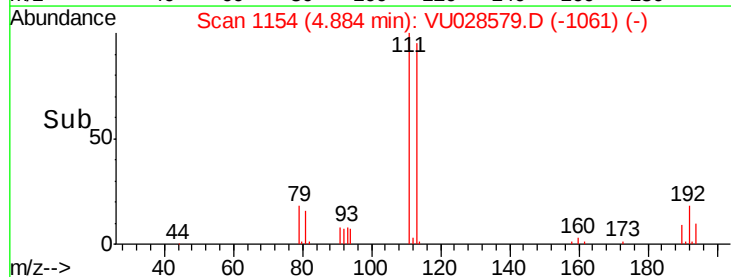
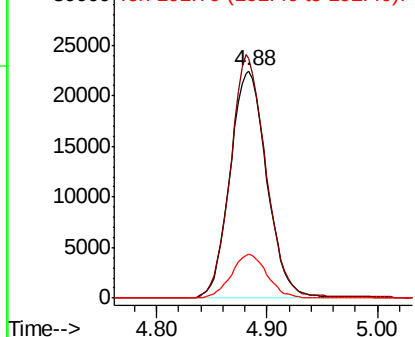


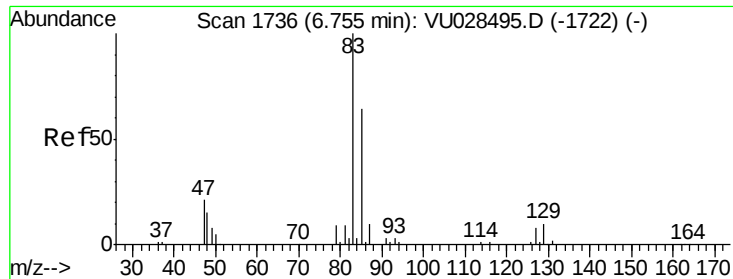
#35
 Dibromofluoromethane
 Concen: 54.106 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028579.D
 Acq: 11 Dec 2018 03:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.0
192	18.7	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





#47

Bromodichloromethane

Concen: 0.519 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU028579.D

Acq: 11 Dec 2018 03:15

Instrument :

MSVOA_U

ClientSampleId :

TB-12062018

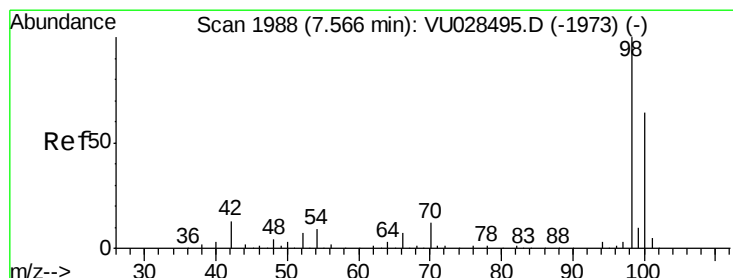
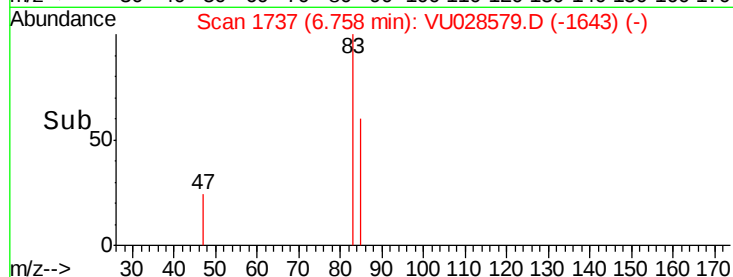
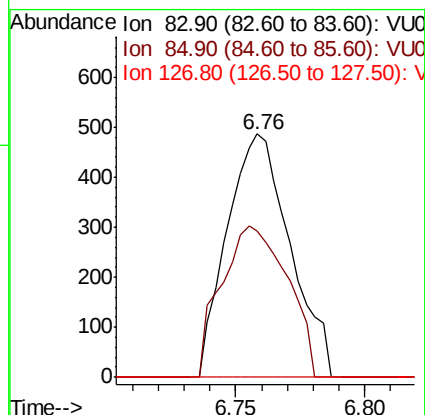
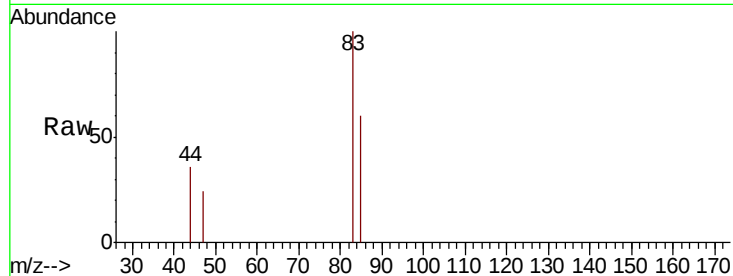
Tot Ion: 83 Resp: 827

Ion Ratio Lower Upper

83 100

85 60.0 51.5 77.3

127 0.0 6.2 9.4#



#50

Toluene-d8

Concen: 51.845 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028579.D

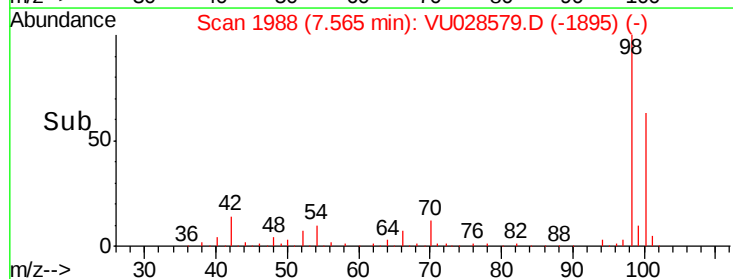
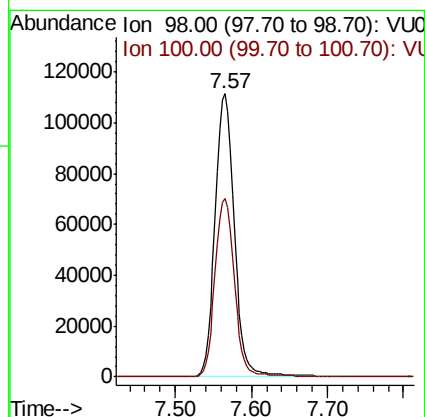
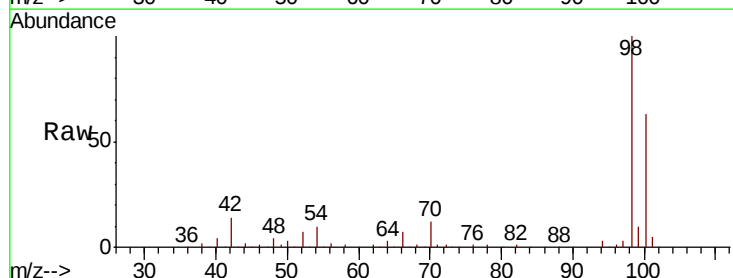
Acq: 11 Dec 2018 03:15

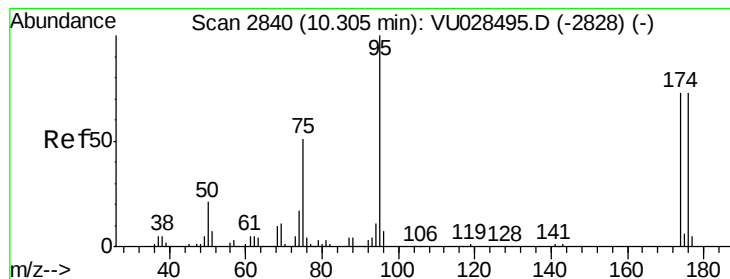
Tgt Ion: 98 Resp: 196440

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 44.680 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028579.D

Acq: 11 Dec 2018 03:15

Instrument :

MSVOA_U

ClientSampleId :

TB-12062018

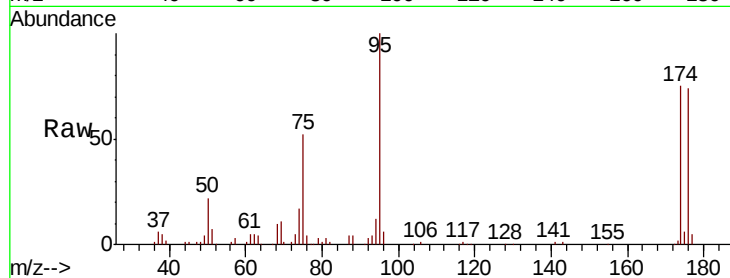
Tot Ion: 95 Resp: 63276

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.4

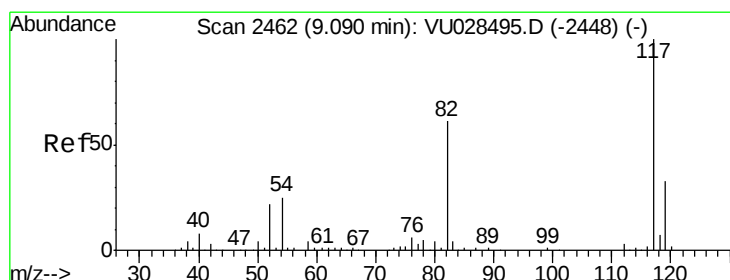
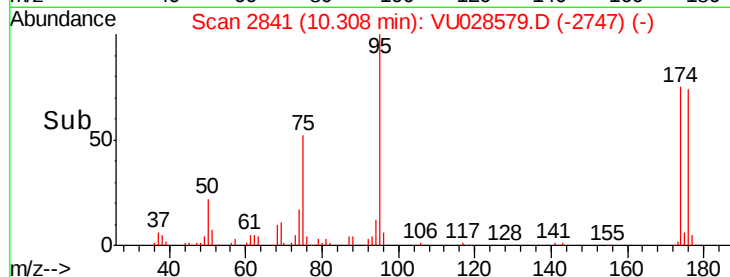
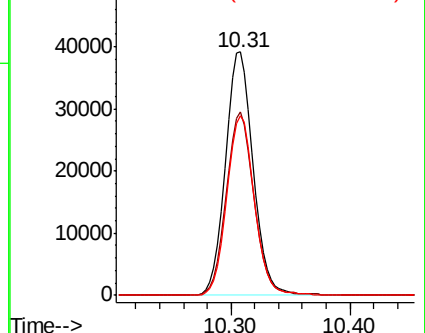
176 73.2 0.0 145.2



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: VU028579.D

Acq: 11 Dec 2018 03:15

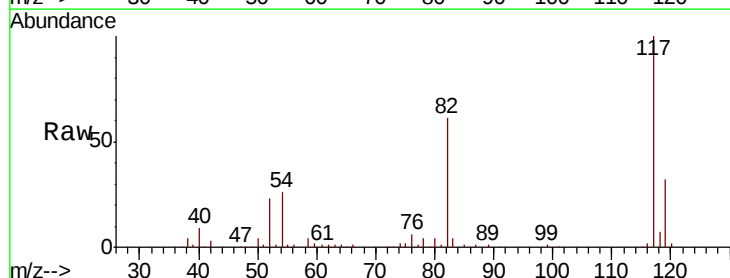
Tgt Ion: 117 Resp: 134656

Ion Ratio Lower Upper

117 100

82 60.7 48.9 73.3

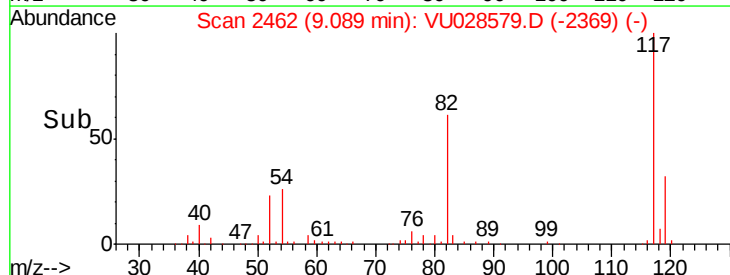
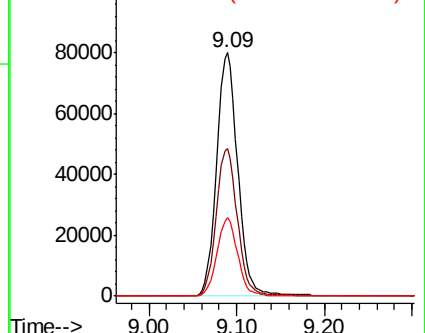
119 32.1 26.2 39.4

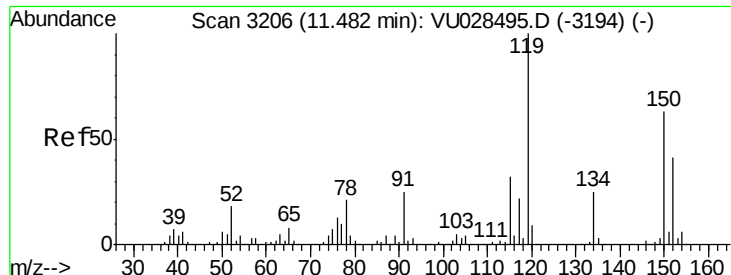


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

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

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

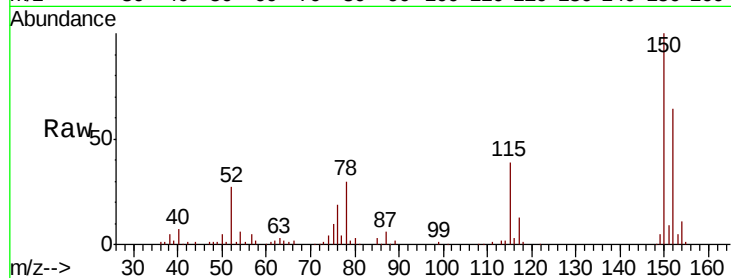




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU028579.D
 Acq: 11 Dec 2018 03:15

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-12062018

Tot Ion:152 Resp: 51215
 Ion Ratio Lower Upper
 152 100
 115 60.9 42.7 128.1
 150 157.2 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

