

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028788.D
 Acq On : 19 Dec 2018 12:55
 Operator : MD/SY
 Sample : J6405-02DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TT101D1-20181212DL

Quant Time: Dec 20 06:55:34 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

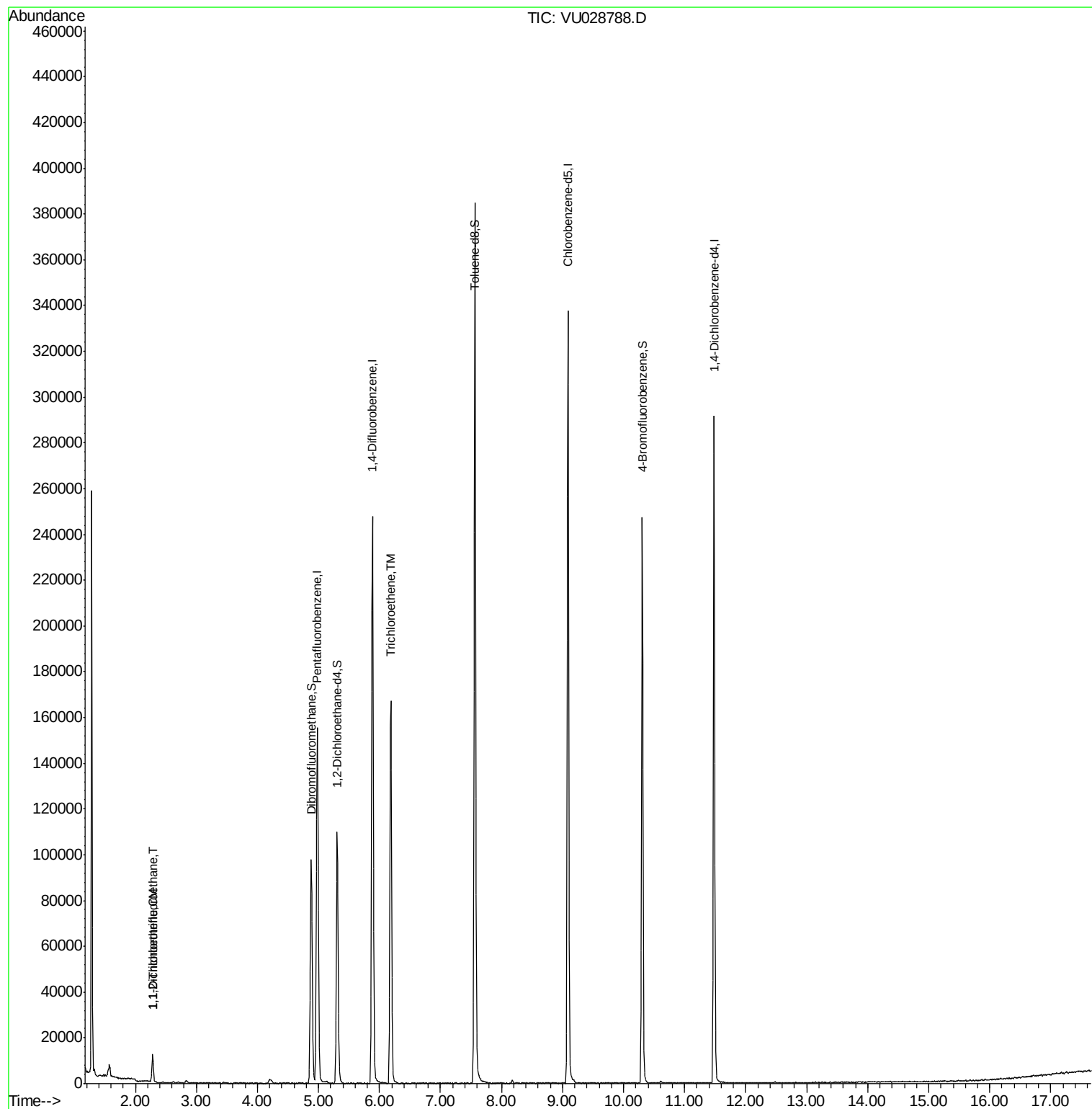
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	125503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	213170	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	194713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	82429	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
35) Dibromofluoromethane	4.88	113	69699	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
50) Toluene-d8	7.56	98	270222	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	10.30	95	85430	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.29	101	3571	2.543	ug/l	97
12) 1,1-Dichloroethene	2.28	96	1409	1.008	ug/l #	73
44) Trichloroethene	6.19	130	59274	38.802	ug/l	93

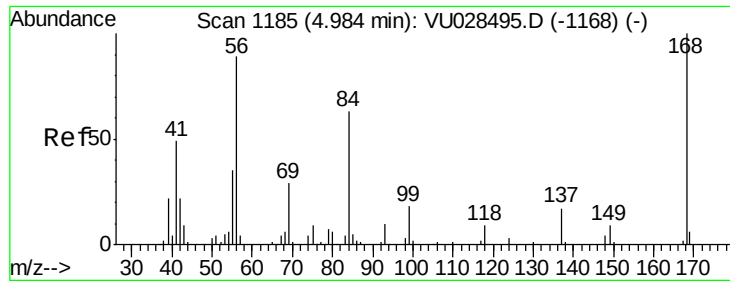
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 07 00:39:42 2018
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: VU028788.D

Acq: 19 Dec 2018 12:55

Instrument :

MSVOA_U

ClientSampleId :

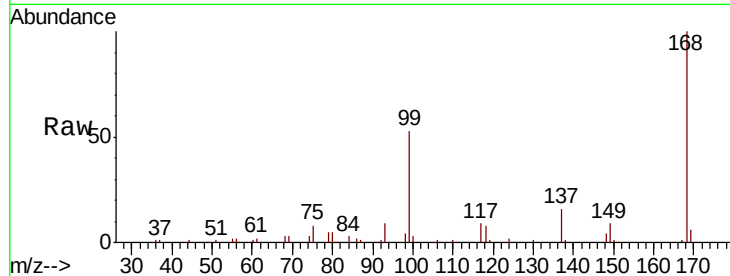
TT101D1-20181212DL

Tot Ion:168 Resp: 125503

Ion Ratio Lower Upper

168 100

99 52.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

60000

50000

40000

30000

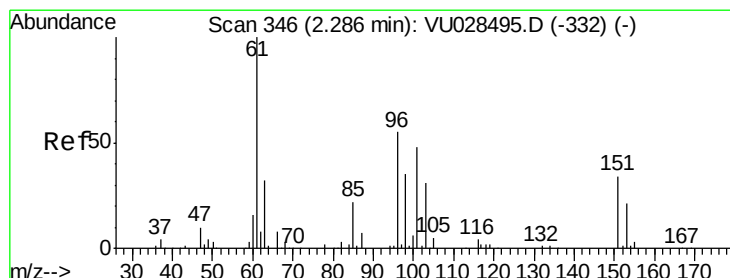
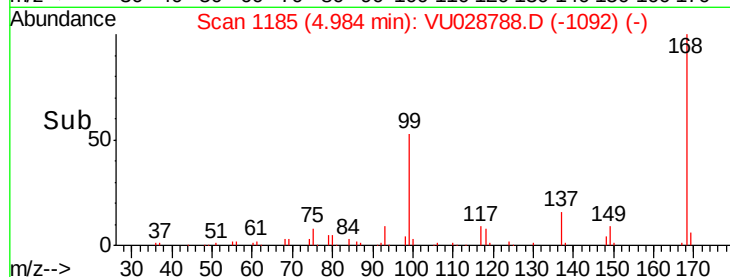
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.543 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028788.D

Acq: 19 Dec 2018 12:55

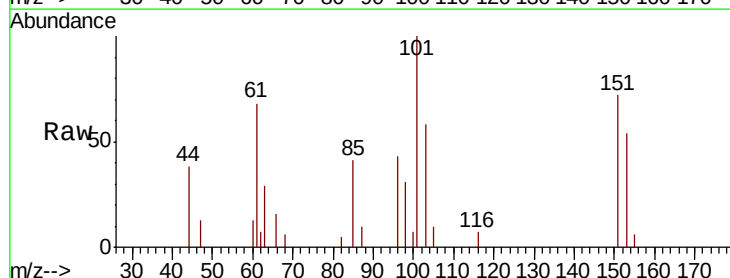
Tgt Ion:101 Resp: 3571

Ion Ratio Lower Upper

101 100

85 40.0 36.4 54.6

151 72.6 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V

2500

2000

1500

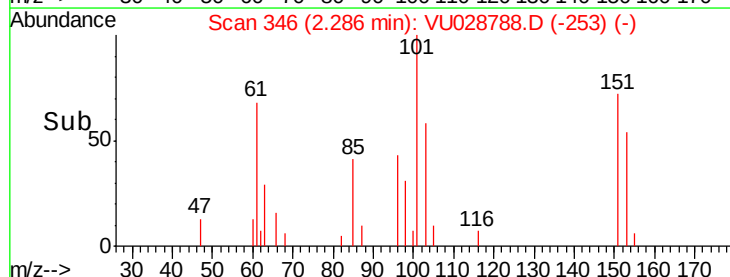
1000

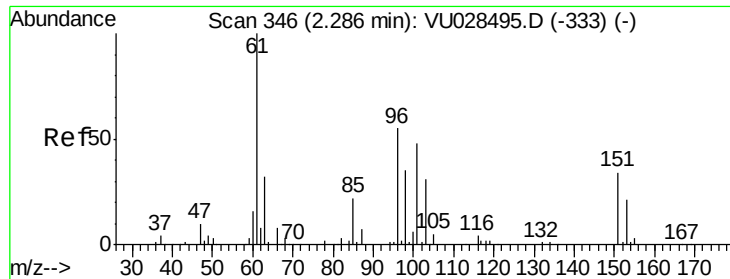
500

0

2.25 2.30 2.35

Time-->

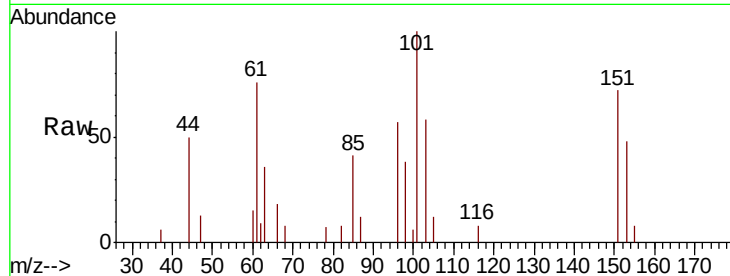




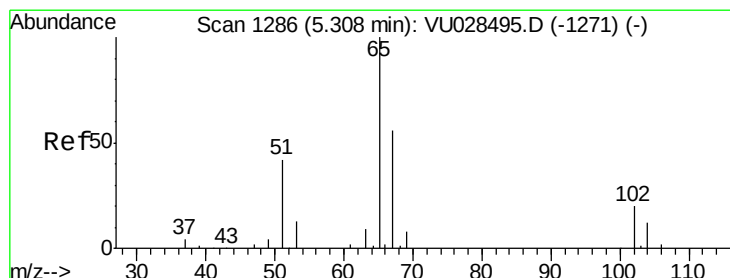
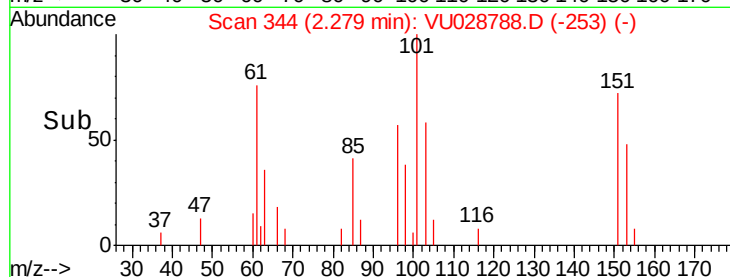
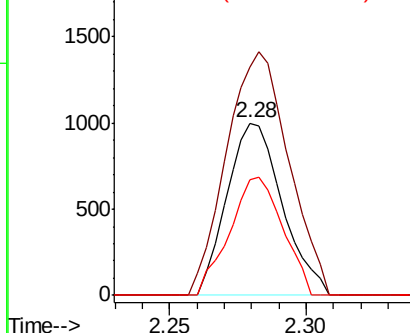
#12
 1,1-Dichloroethene
 Concen: 1.008 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VU028788.D
 Acq: 19 Dec 2018 12:55

Instrument :
 MSVOA_U
 ClientSampleId :
 TT101D1-20181212DL

Tot Ion: 96 Resp: 1409
 Ion Ratio Lower Upper
 96 100
 61 132.5 146.4 219.6#
 98 66.8 51.8 77.8

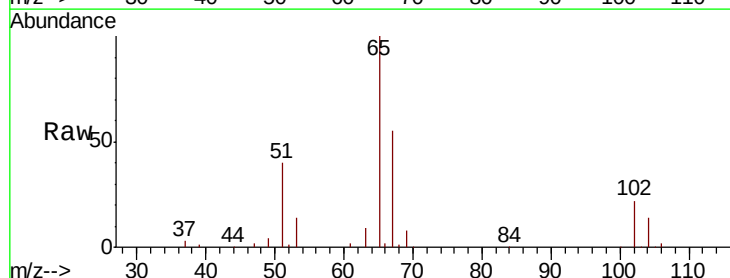


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

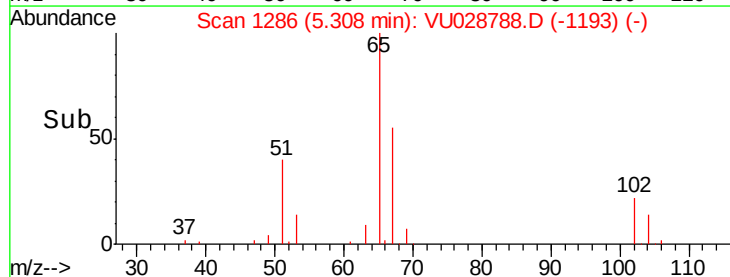
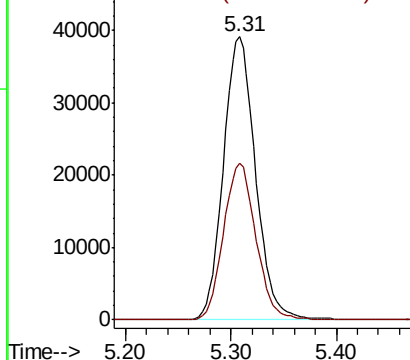


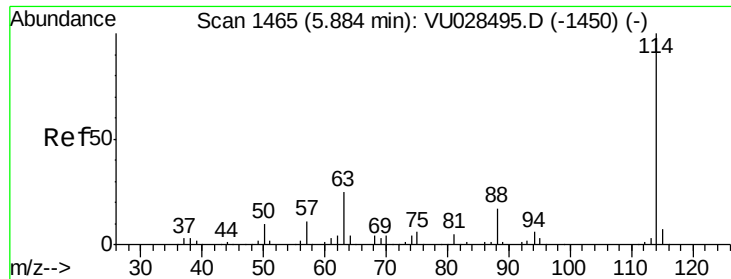
#33
 1,2-Dichloroethane-d4
 Concen: 43.038 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028788.D
 Acq: 19 Dec 2018 12:55

Tgt Ion: 65 Resp: 82429
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028788.D

Acq: 19 Dec 2018 12:55

Instrument :

MSVOA_U

ClientSampleId :

TT101D1-20181212DL

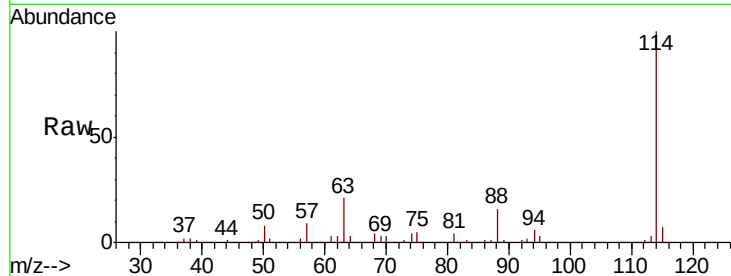
Tot Ion:114 Resp: 213170

Ion Ratio Lower Upper

114 100

63 21.2 0.0 49.2

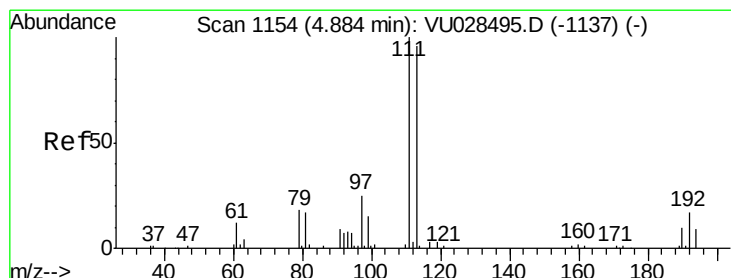
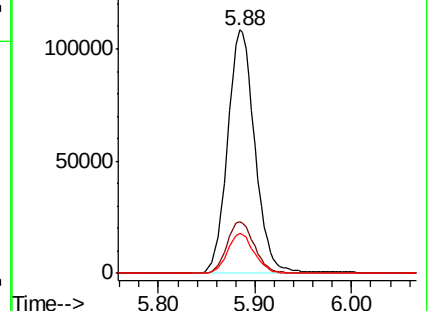
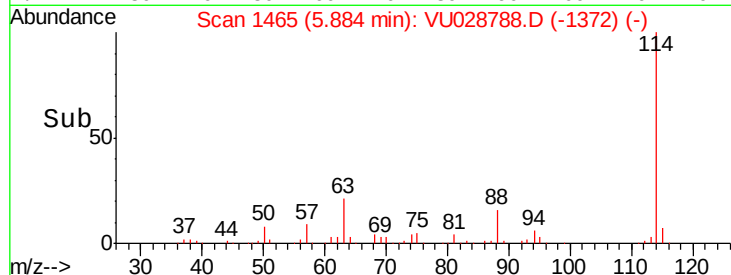
88 16.4 0.0 33.4



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: 51.956 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028788.D

Acq: 19 Dec 2018 12:55

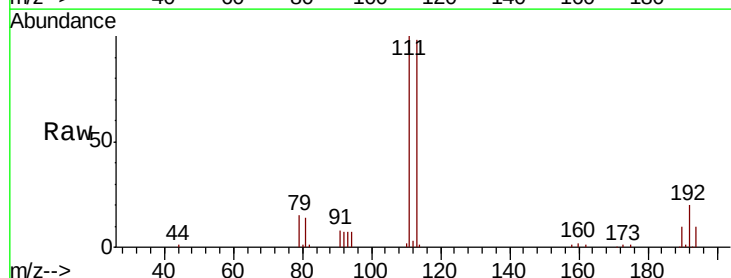
Tgt Ion:113 Resp: 69699

Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.0

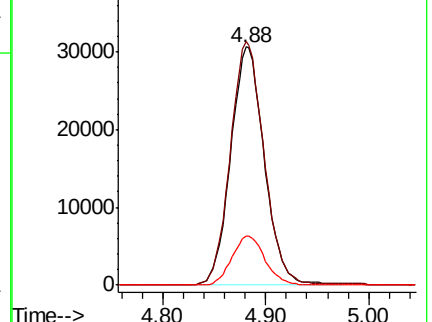
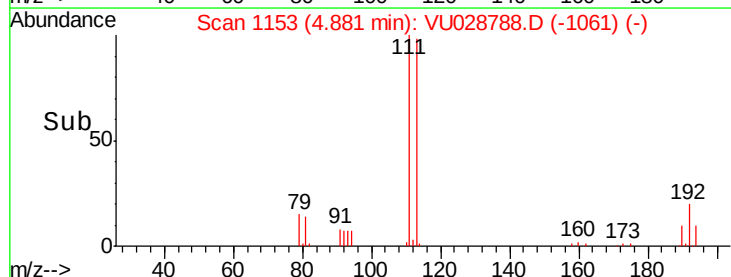
192 20.1 14.8 22.2

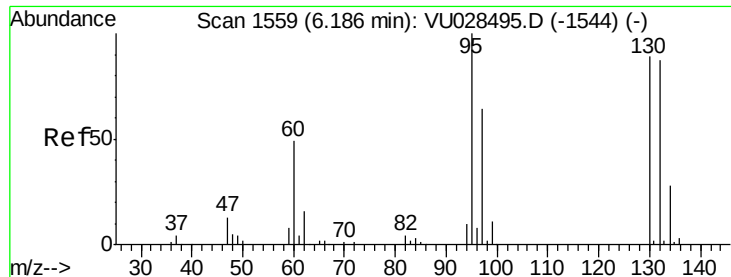


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 38.802 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028788.D

Acq: 19 Dec 2018 12:55

Instrument :

MSVOA_U

ClientSampleId :

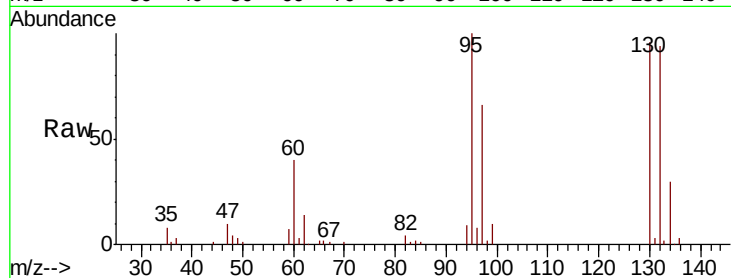
TT101D1-20181212DL

Tot Ion:130 Resp: 59274

Ion Ratio Lower Upper

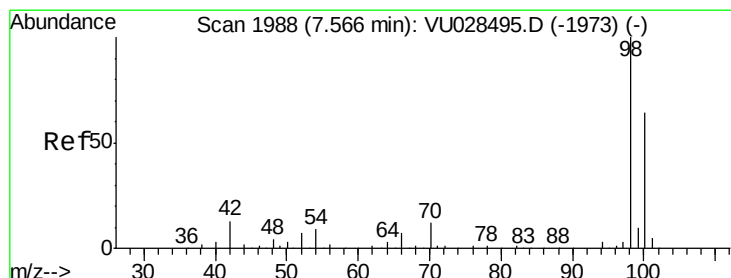
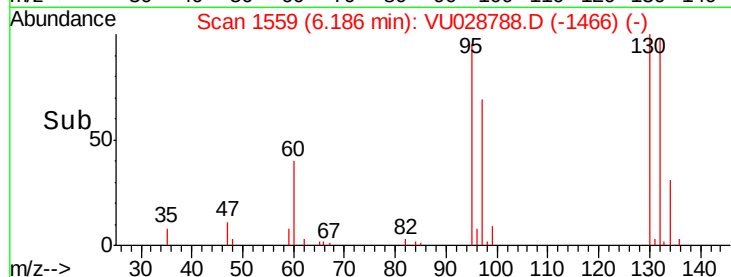
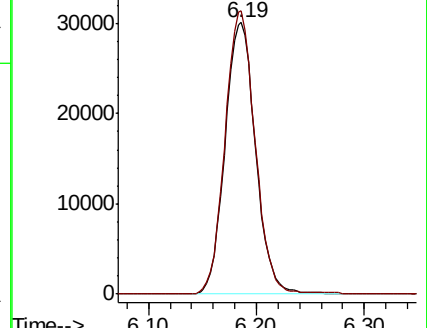
130 100

95 104.3 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)



#50

Toluene-d8

Concen: 50.921 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028788.D

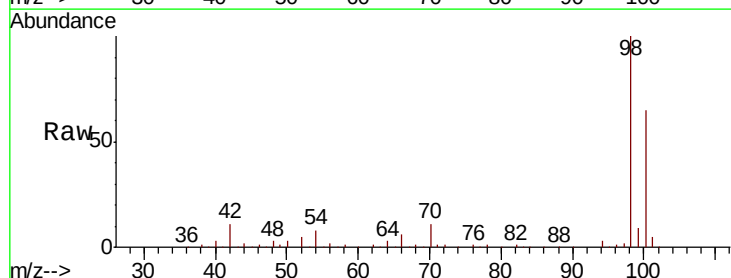
Acq: 19 Dec 2018 12:55

Tgt Ion: 98 Resp: 270222

Ion Ratio Lower Upper

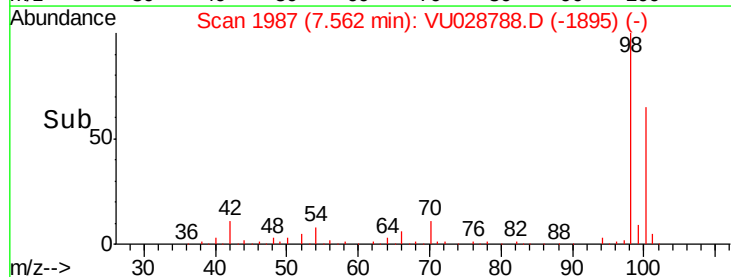
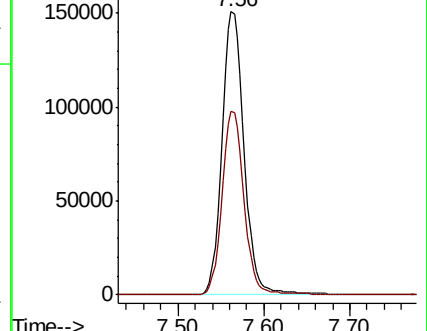
98 100

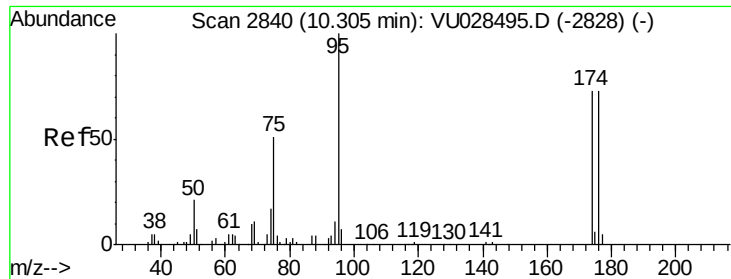
100 64.1 51.0 76.6



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

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





#62

4-Bromofluorobenzene

Concen: 43.071 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028788.D

Acq: 19 Dec 2018 12:55

Instrument :

MSVOA_U

ClientSampleId :

TT101D1-20181212DL

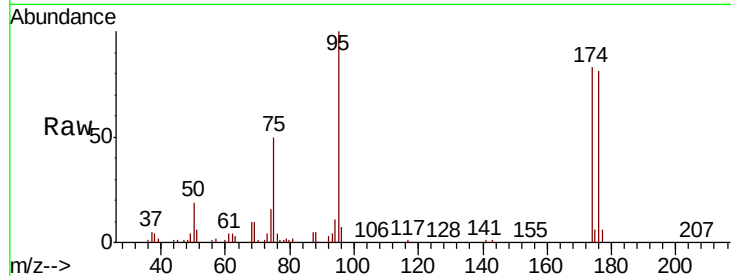
Tot Ion: 95 Resp: 85430

Ion Ratio Lower Upper

95 100

174 82.7 0.0 150.4

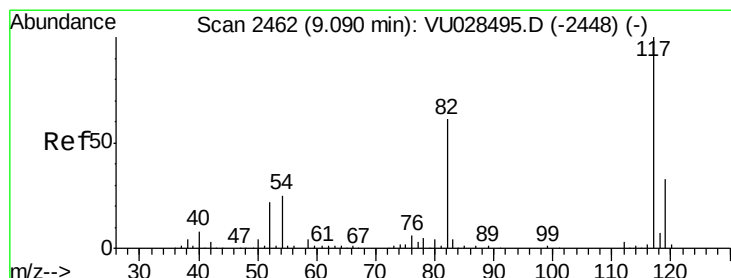
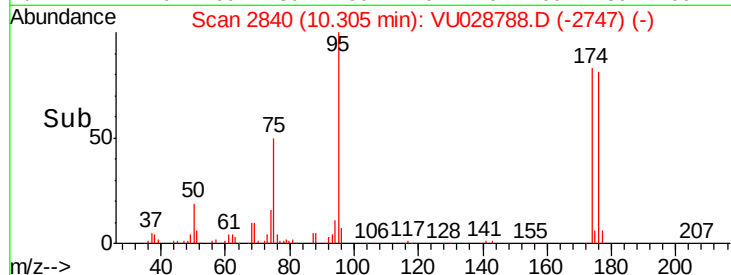
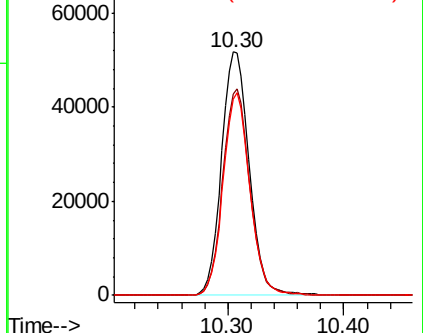
176 80.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU028788.D

Acq: 19 Dec 2018 12:55

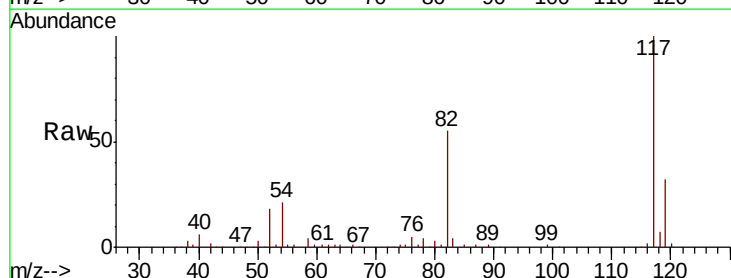
Tgt Ion: 117 Resp: 194713

Ion Ratio Lower Upper

117 100

82 55.5 48.9 73.3

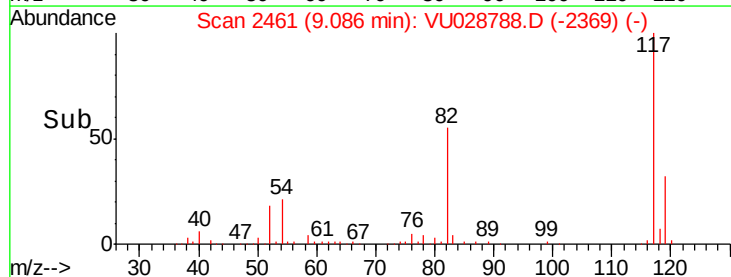
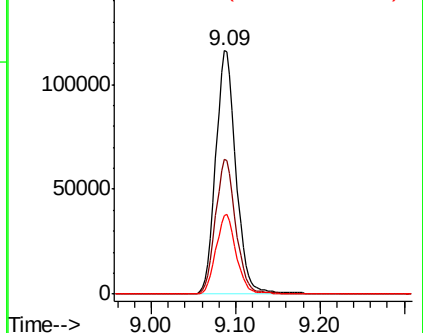
119 32.5 26.2 39.4

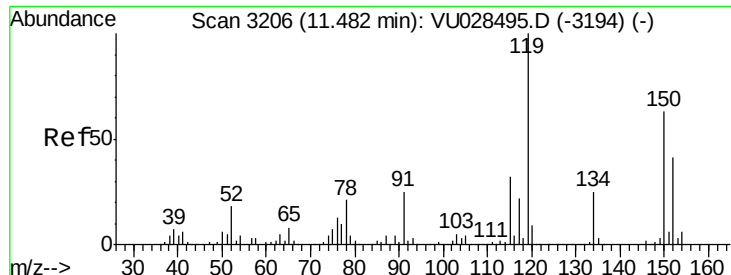


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU028788.D
 Acq: 19 Dec 2018 12:55

Instrument :
 MSVOA_U
 ClientSampleId :
 TT101D1-20181212DL

Tot Ion:152 Resp: 77435
 Ion Ratio Lower Upper
 152 100
 115 57.9 42.7 128.1
 150 157.6 0.0 346.0

