

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028090.D
 Acq On : 13 Nov 2018 14:29
 Operator : MD/SY
 Sample : J5885-03DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-1DL

Quant Time: Nov 14 09:39:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

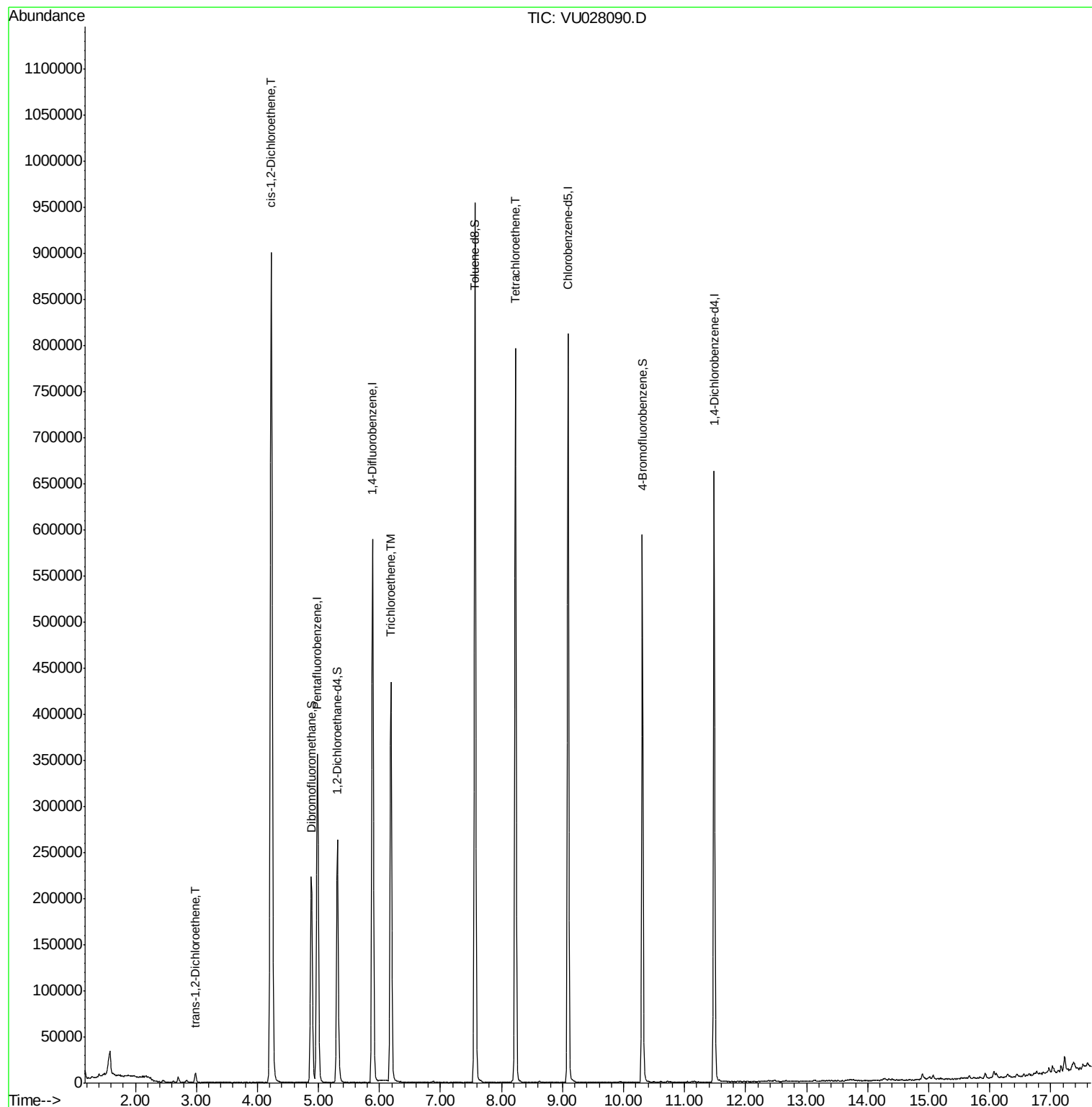
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	269491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	484780	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	423184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	169764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	200923	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	4.88	113	155565	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	7.57	98	626672	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	10.31	95	198471	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
Target Compounds						
21) trans-1,2-Dichloroethene	2.98	96	3802	1.166	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	499702	136.712	ug/l	86
44) Trichloroethene	6.19	130	148623	44.541	ug/l	92
64) Tetrachloroethene	8.23	164	176633	64.370	ug/l	99

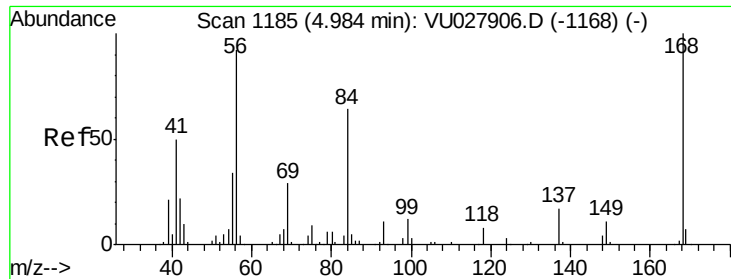
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 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: VU028090.D

Acq: 13 Nov 2018 14:29

Instrument :

MSVOA_U

ClientSampleId :

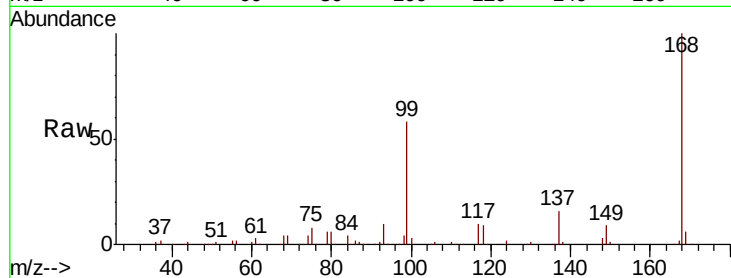
RW-1DL

Tot Ion:168 Resp: 269491

Ion Ratio Lower Upper

168 100

99 57.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

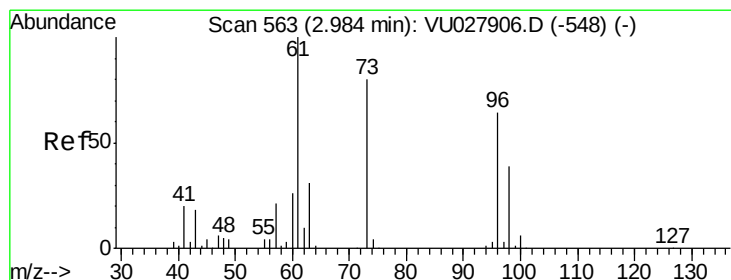
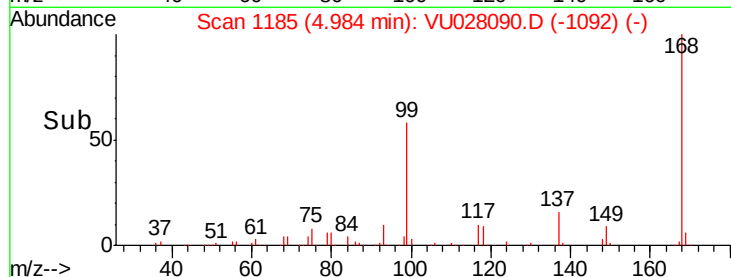
4.98

100000

50000

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: 1.166 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028090.D

Acq: 13 Nov 2018 14:29

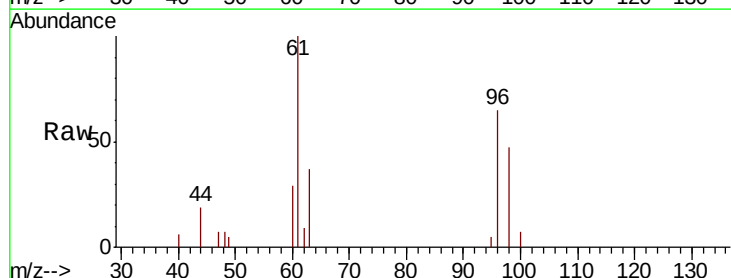
Tgt Ion: 96 Resp: 3802

Ion Ratio Lower Upper

96 100

61 154.2 125.0 187.6

98 72.1 48.2 72.4



Abundance Ion 95.90 (95.60 to 96.60): VU027906.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-548) (-)

4000

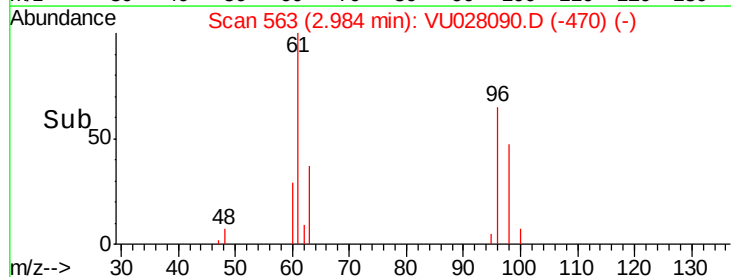
3000

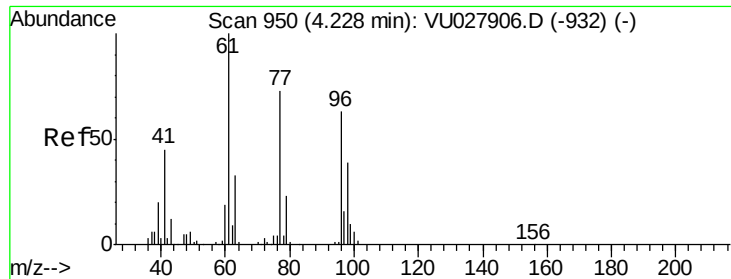
2000

1000

0

Time-->



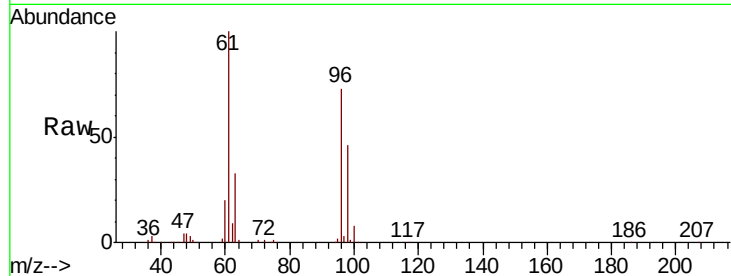


#27

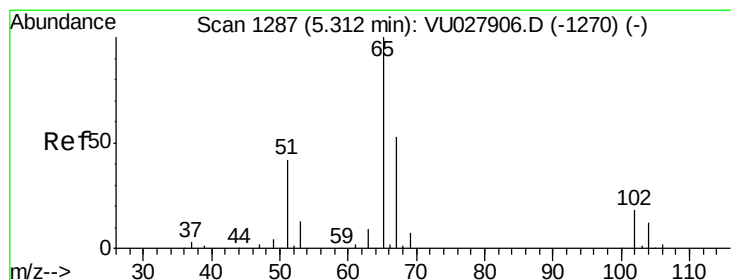
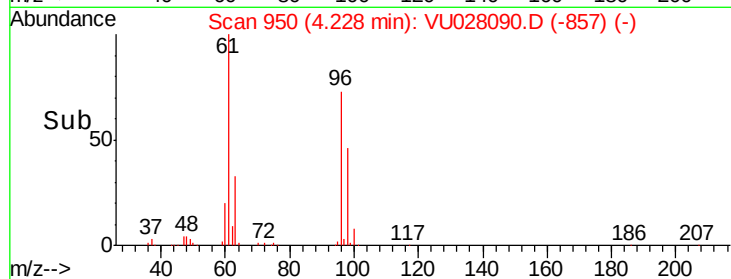
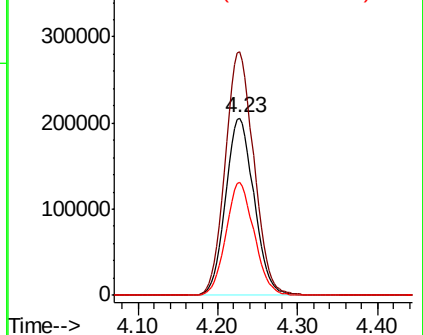
cis-1,2-Dichloroethene
 Concen: 136.712 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU028090.D
 Acq: 13 Nov 2018 14:29

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-1DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	329.6
98	63.1	0.0	127.2



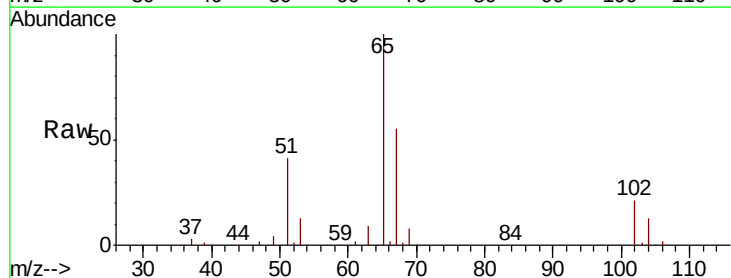
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



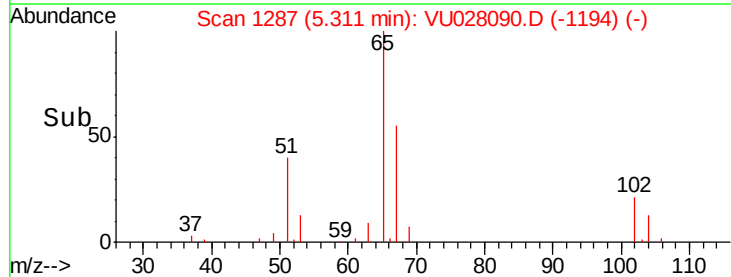
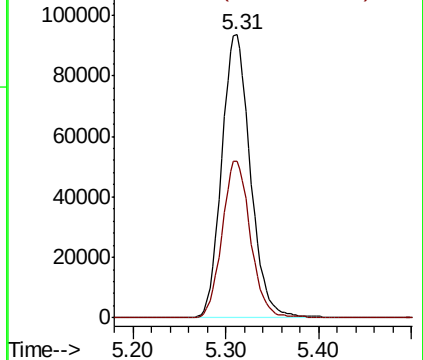
#33

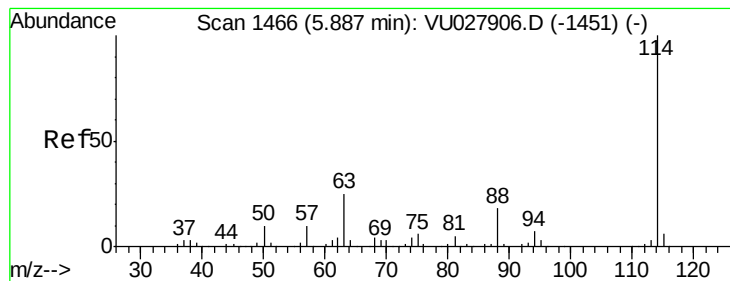
1,2-Dichloroethane-d4
 Concen: 50.147 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028090.D
 Acq: 13 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.0



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: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU028090.D

Acq: 13 Nov 2018 14:29

Instrument :

MSVOA_U

ClientSampleId :

RW-1DL

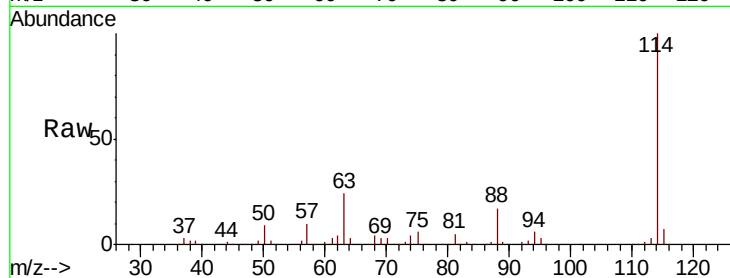
Tot Ion:114 Resp: 484780

Ion Ratio Lower Upper

114 100

63 24.0 0.0 50.8

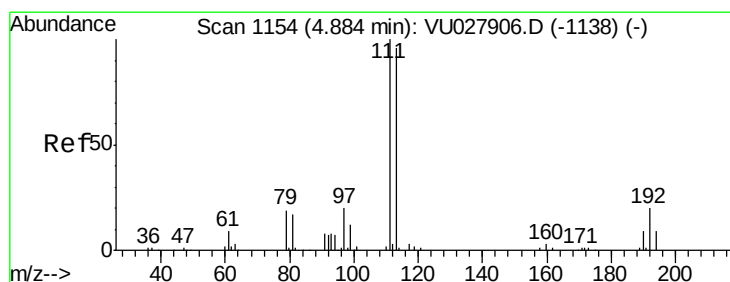
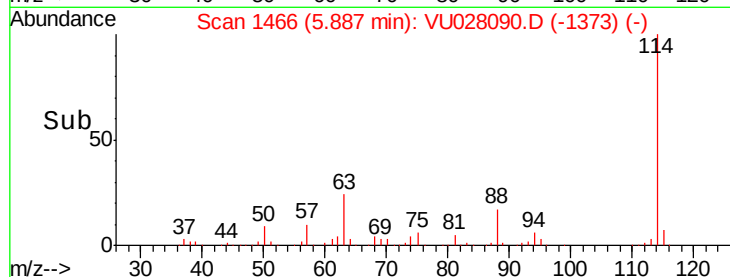
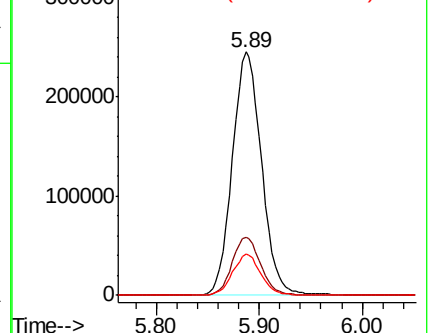
88 16.7 0.0 35.8



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: 50.895 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028090.D

Acq: 13 Nov 2018 14:29

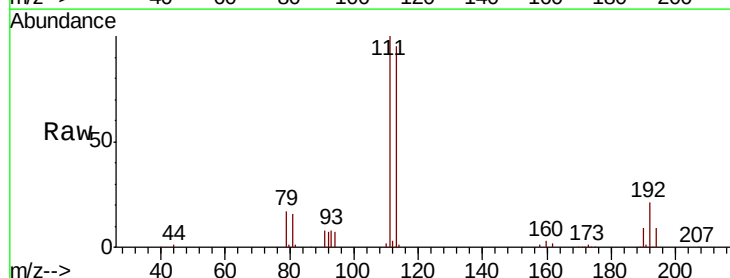
Tgt Ion:113 Resp: 155565

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

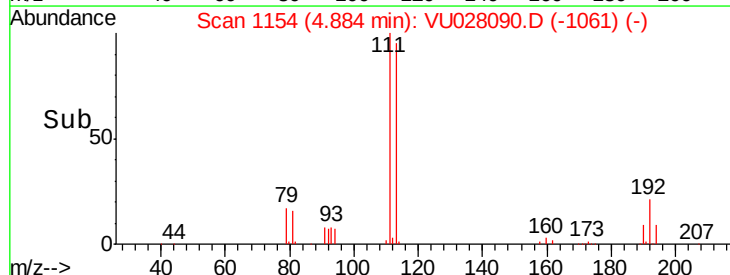
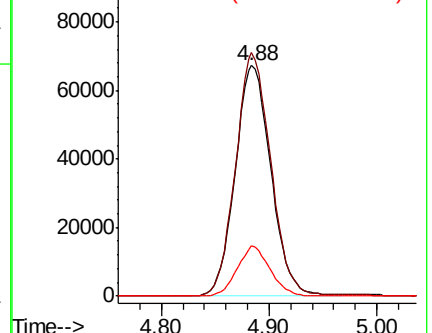
192 19.9 15.6 23.4

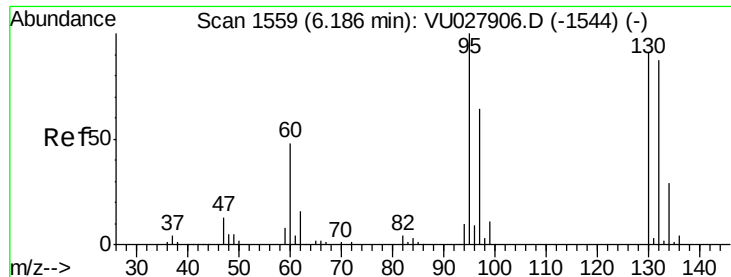


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 44.541 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028090.D

Acq: 13 Nov 2018 14:29

Instrument :

MSVOA_U

ClientSampleId :

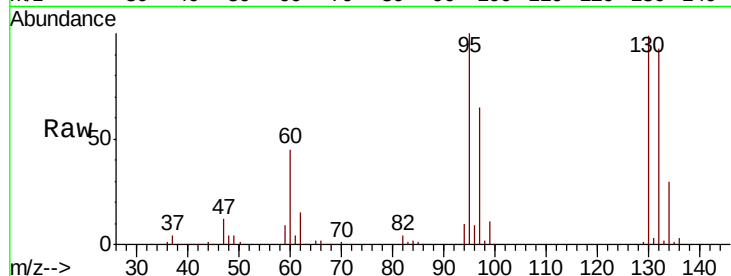
RW-1DL

Tot Ion:130 Resp: 148623

Ion Ratio Lower Upper

130 100

95 100.8 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): VU027906.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027906.D (-1544) (-)

6.19

80000

60000

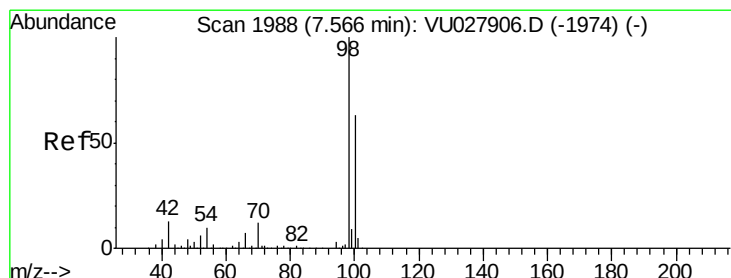
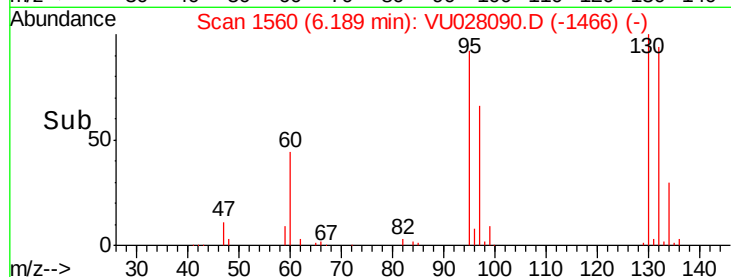
40000

20000

0

6.10 6.20 6.30

Time-->



#50

Toluene-d8

Concen: 53.074 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028090.D

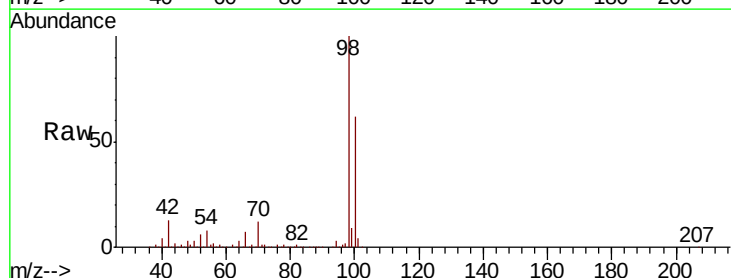
Acq: 13 Nov 2018 14:29

Tgt Ion: 98 Resp: 626672

Ion Ratio Lower Upper

98 100

100 61.7 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

7.57

400000

300000

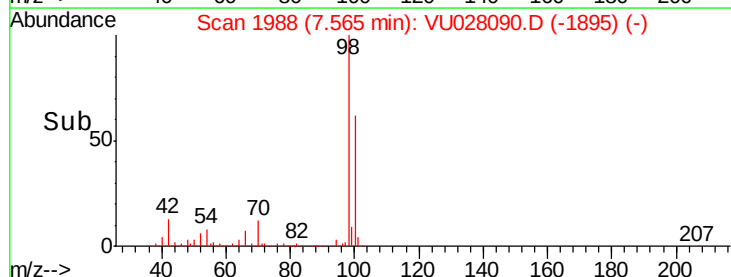
200000

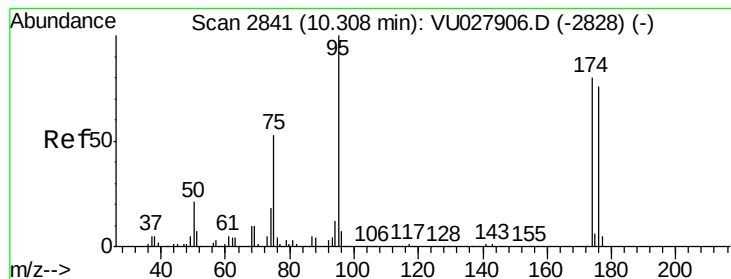
100000

0

7.50 7.55 7.60 7.65

Time-->





#62

4-Bromofluorobenzene

Concen: 45.572 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028090.D

Acq: 13 Nov 2018 14:29

Instrument :

MSVOA_U

ClientSampleId :

RW-1DL

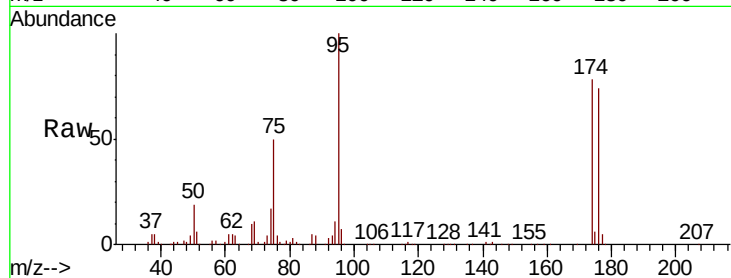
Tot Ion: 95 Resp: 198471

Ion Ratio Lower Upper

95 100

174 78.5 0.0 156.4

176 75.0 0.0 150.8

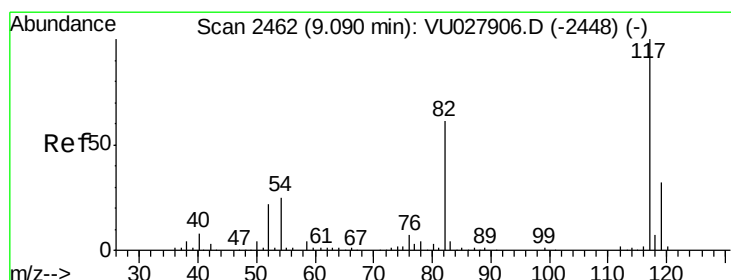
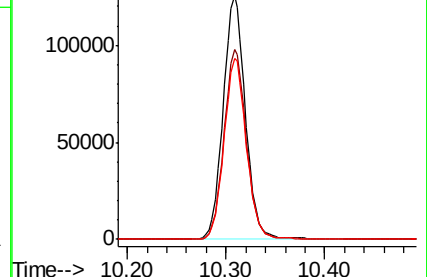
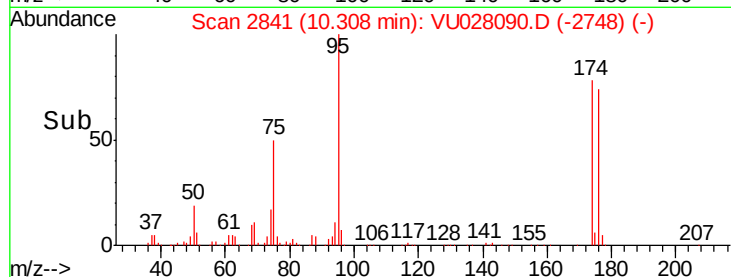


Abundance Ion 94.90 (94.60 to 95.60): VU028090.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU028090.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU028090.D (-2748) (-)

10.31



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028090.D

Acq: 13 Nov 2018 14:29

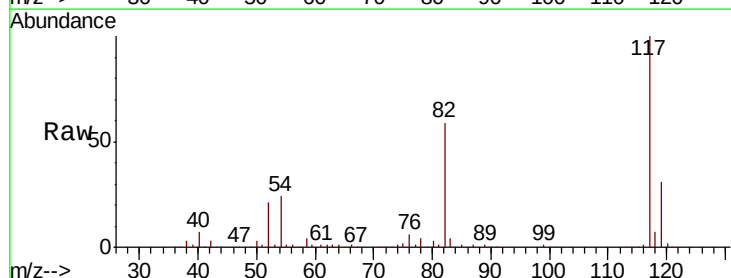
Tgt Ion: 117 Resp: 423184

Ion Ratio Lower Upper

117 100

82 59.4 48.6 73.0

119 31.2 25.8 38.8

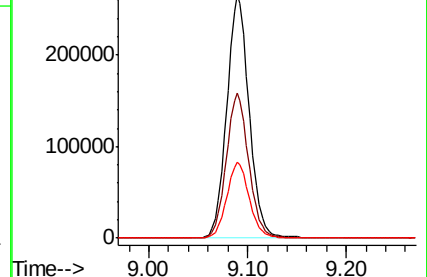
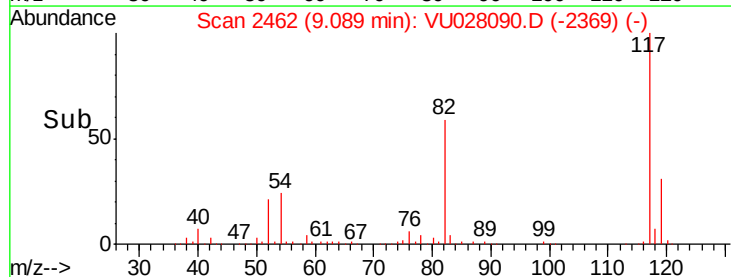


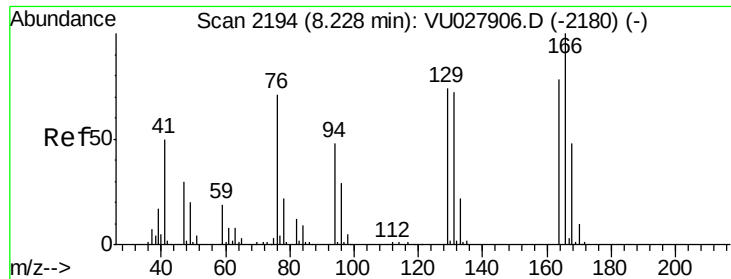
Abundance Ion 116.90 (116.60 to 117.60): VU028090.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028090.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028090.D (-2369) (-)

9.09





#64

Tetrachloroethene

Concen: 64.370 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028090.D

Acq: 13 Nov 2018 14:29

Instrument :
MSVOA_U
ClientSampleId :
RW-1DL

Tot Ion:164 Resp: 176633

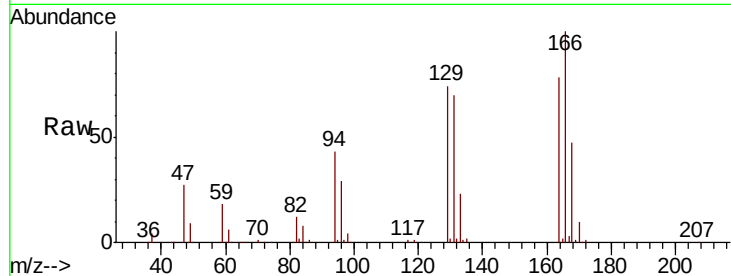
Ion Ratio Lower Upper

164 100

166 128.0 102.1 153.1

129 94.4 75.9 113.9

131 89.8 73.0 109.6

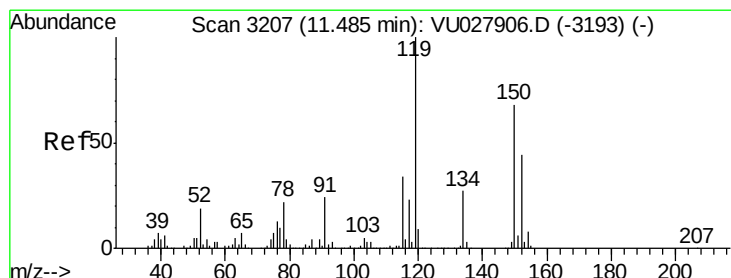
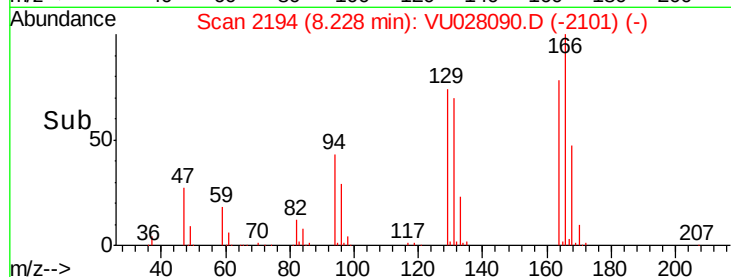
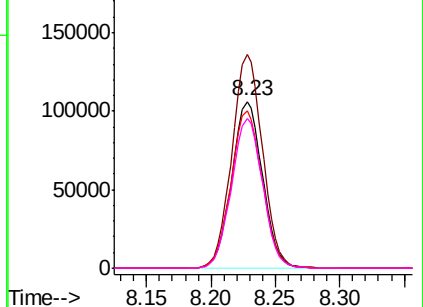


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028090.D

Acq: 13 Nov 2018 14:29

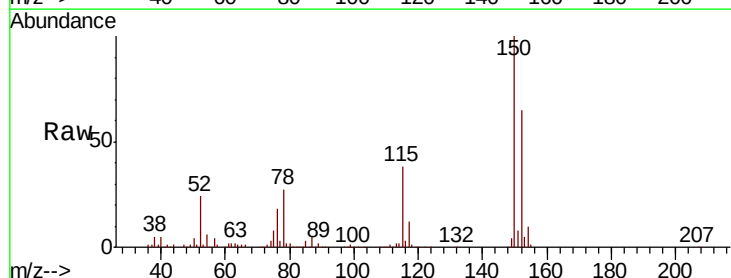
Tgt Ion:152 Resp: 169764

Ion Ratio Lower Upper

152 100

115 59.6 43.0 129.0

150 156.2 0.0 349.4



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

