

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027211.D
 Acq On : 27 Sep 2018 05:04
 Operator : MD/SY
 Sample : J5048-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18

Quant Time: Sep 27 08:19:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

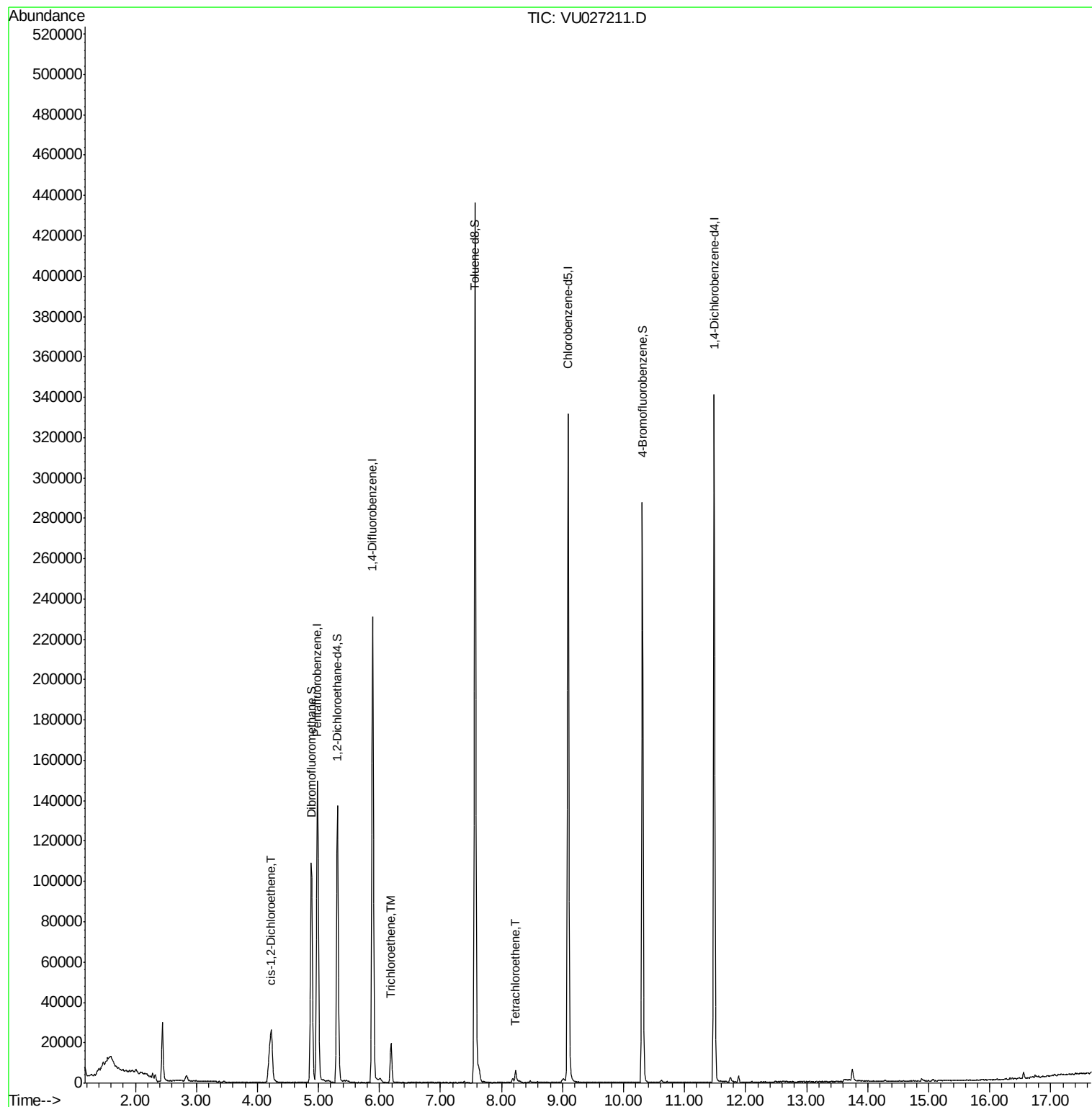
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181069	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	173183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	106591	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
35) Dibromofluoromethane	4.88	113	75285	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	7.57	98	285317	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	10.31	95	95754	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	12053	6.747	ug/l	89
44) Trichloroethene	6.19	130	6440	4.118	ug/l	96
64) Tetrachloroethene	8.23	164	1158	0.868	ug/l	95

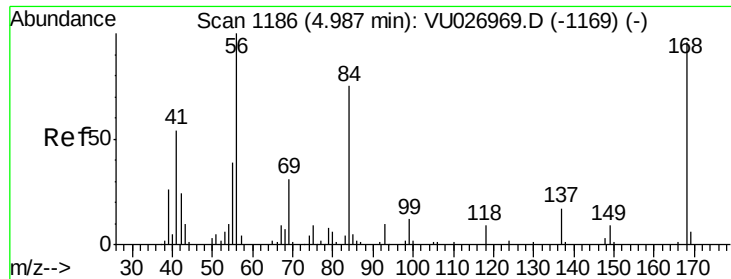
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027211.D

Acq: 27 Sep 2018 05:04

Instrument :

MSVOA_U

ClientSampleId :

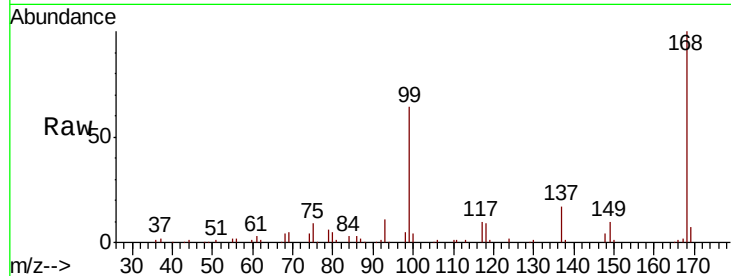
CMT-22-6-SEP18

Tot Ion:168 Resp: 107278

Ion Ratio Lower Upper

168 100

99 63.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU027211.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU027211.D (-1093) (-)

4.98

50000

40000

30000

20000

10000

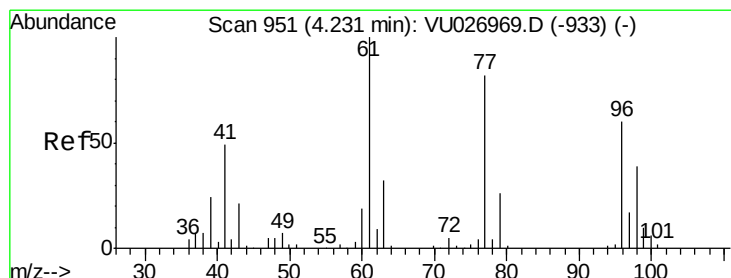
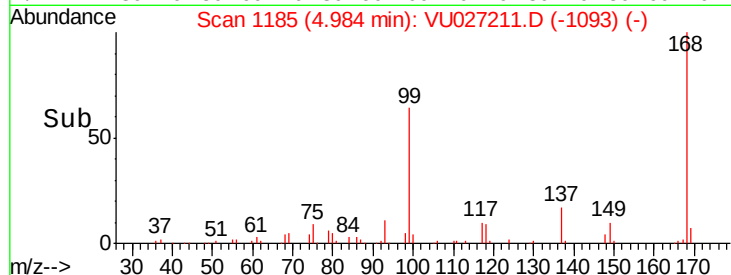
0

4.90

5.00

5.10

Time-->



#27

cis-1,2-Dichloroethene

Concen: 6.747 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027211.D

Acq: 27 Sep 2018 05:04

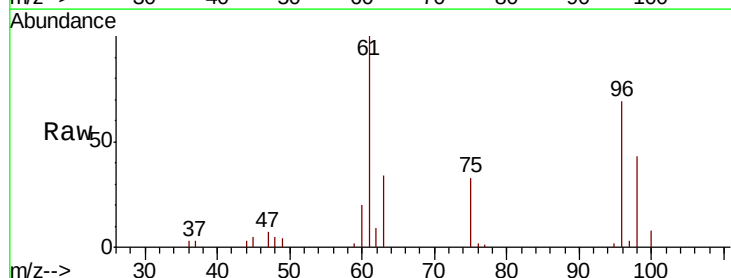
Tgt Ion: 96 Resp: 12053

Ion Ratio Lower Upper

96 100

61 149.2 0.0 337.2

98 62.1 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VU027211.D (-858) (-)

Ion 60.90 (60.60 to 61.60): VU027211.D (-858) (-)

Ion 97.90 (97.60 to 98.60): VU027211.D (-858) (-)

4.23

10000

8000

6000

4000

2000

0

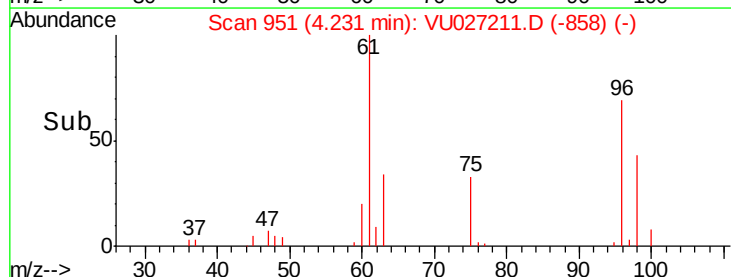
4.15

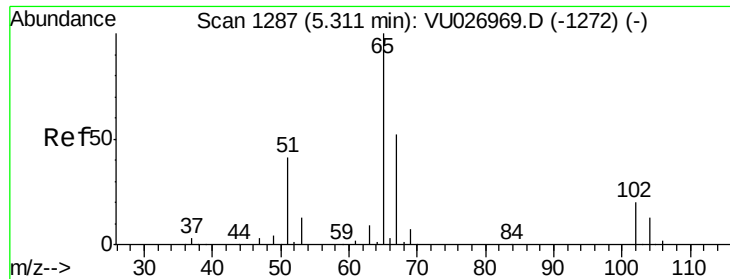
4.20

4.25

4.30

Time-->

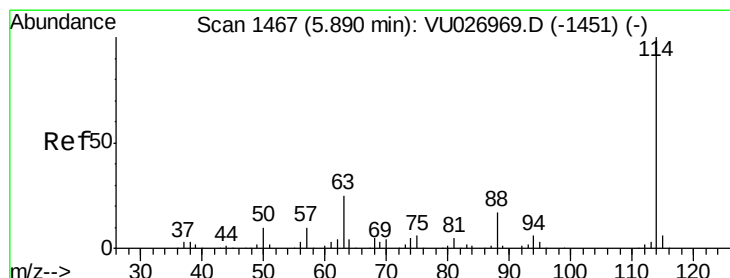
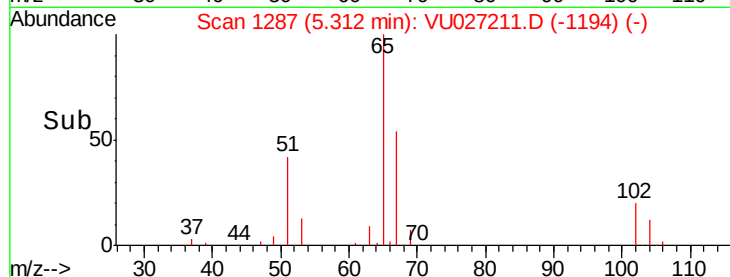
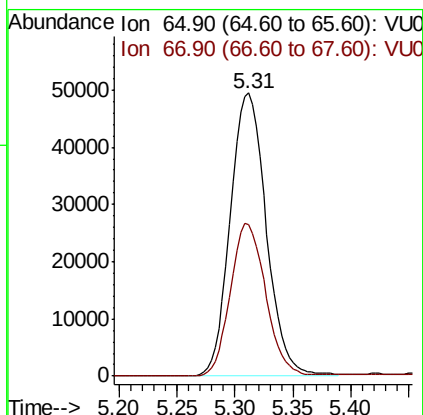
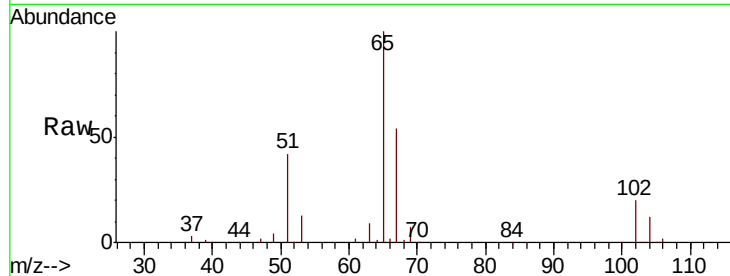




#33
 1,2-Dichloroethane-d4
 Concen: 49.367 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027211.D
 Acq: 27 Sep 2018 05:04

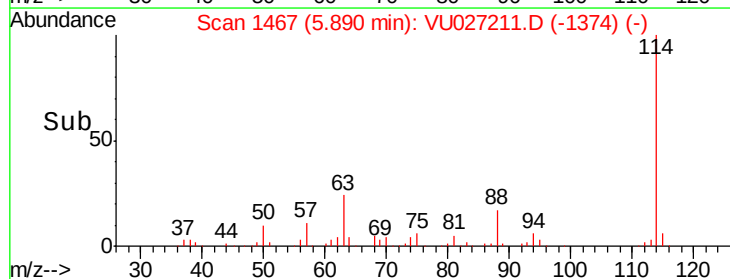
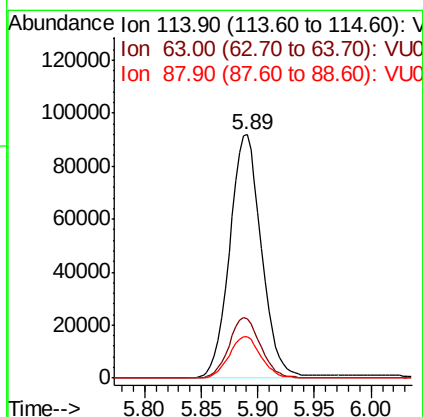
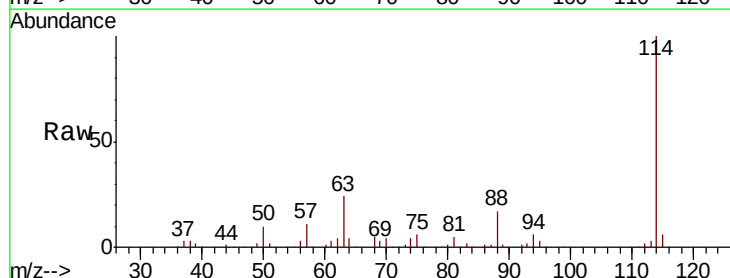
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18

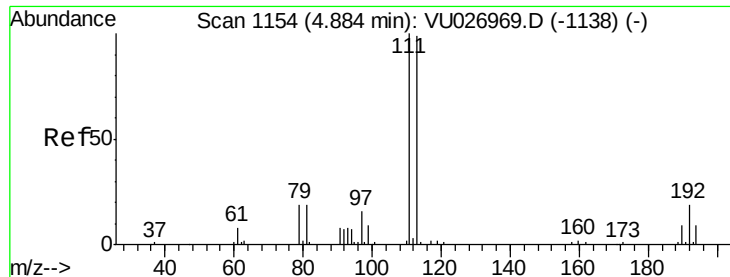
Tot Ion: 65 Resp: 106591
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027211.D
 Acq: 27 Sep 2018 05:04

Tgt Ion: 114 Resp: 181069
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 17.0 0.0 33.8

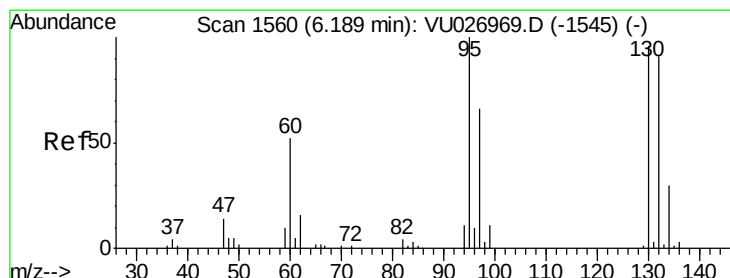
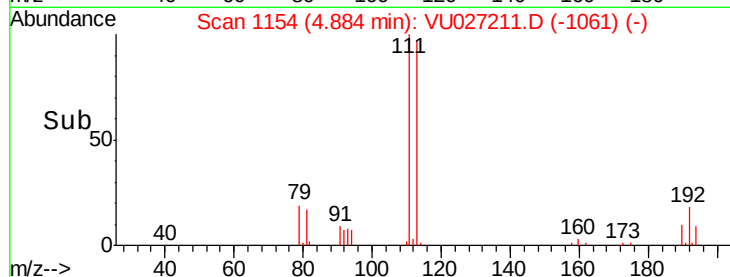
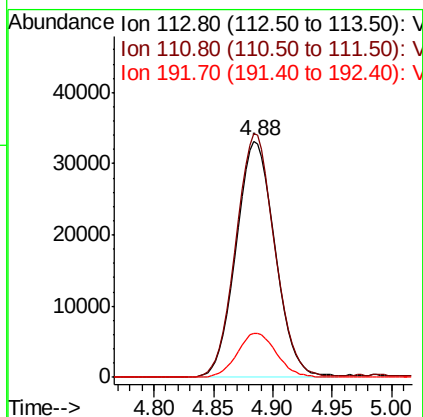
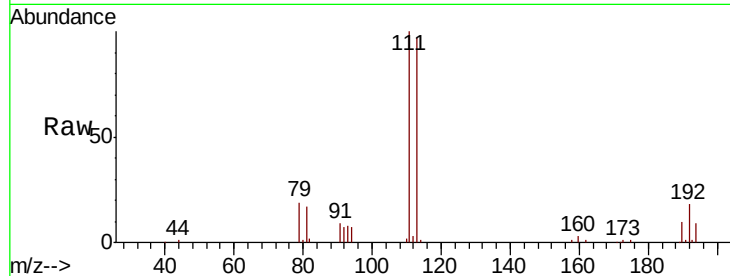




#35
 Dibromofluoromethane
 Concen: 47.967 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027211.D
 Acq: 27 Sep 2018 05:04

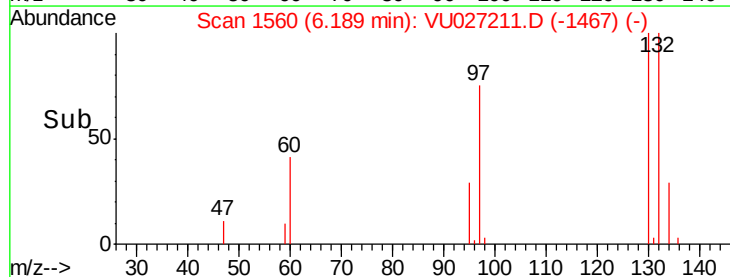
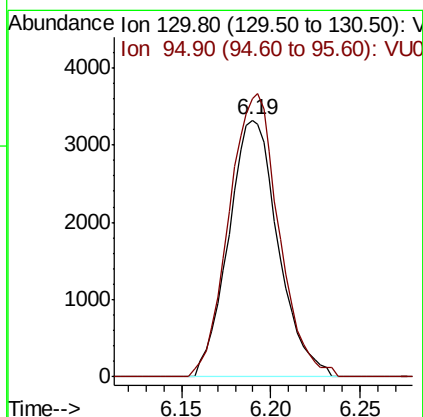
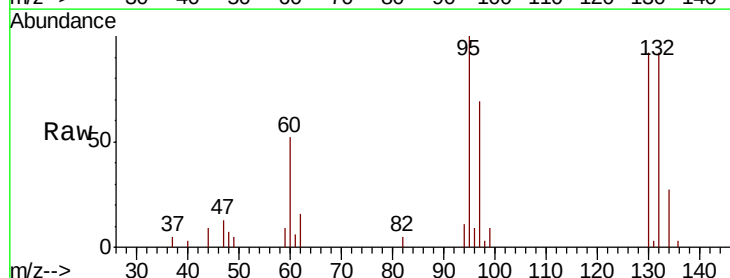
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18

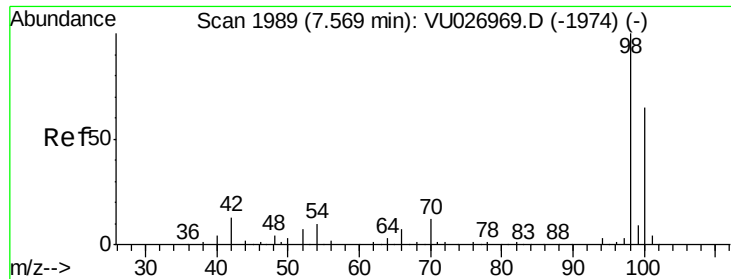
Tot Ion:113 Resp: 75285
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 18.8 15.2 22.8



#44
 Trichloroethene
 Concen: 4.118 ug/l
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027211.D
 Acq: 27 Sep 2018 05:04

Tgt Ion:130 Resp: 6440
 Ion Ratio Lower Upper
 130 100
 95 108.3 0.0 208.8

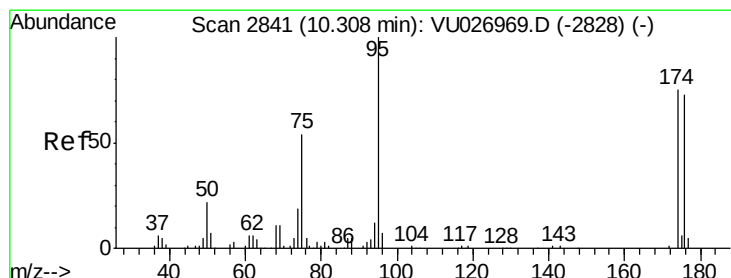
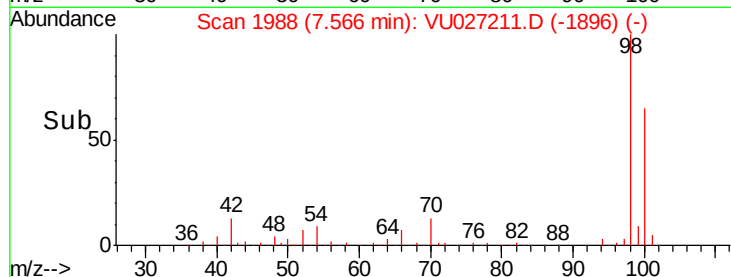
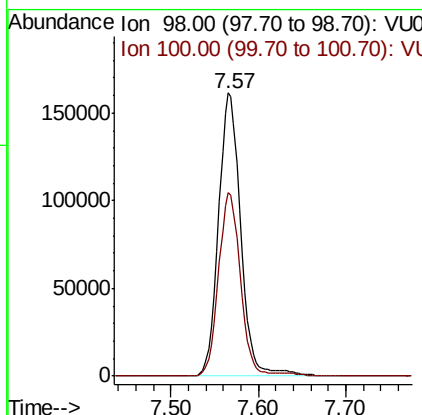
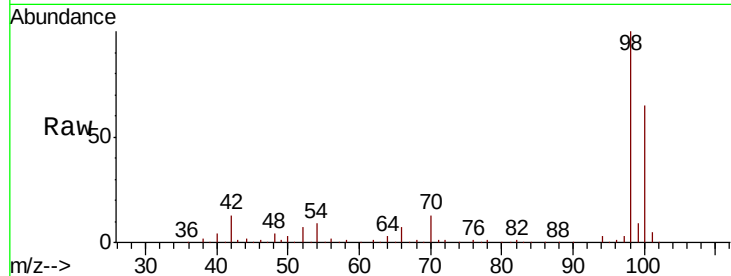




#50
Toluene-d8
Concen: 47.700 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027211.D
Acq: 27 Sep 2018 05:04

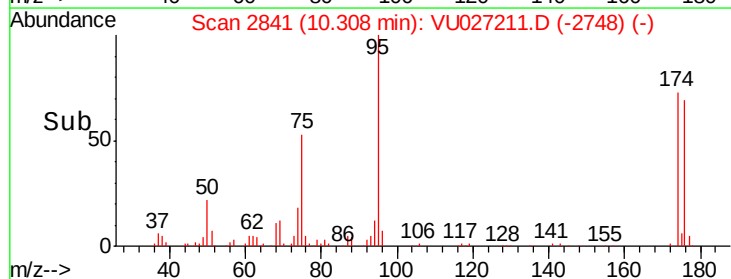
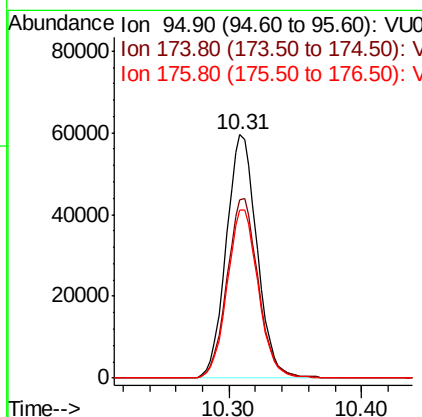
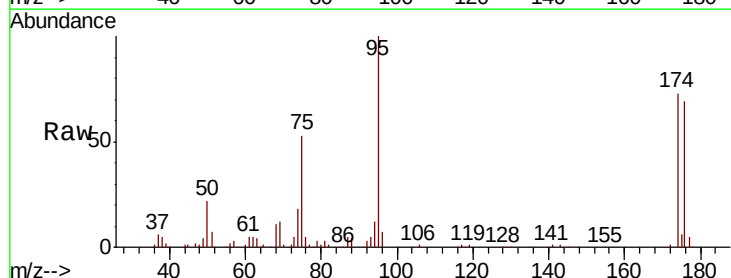
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18

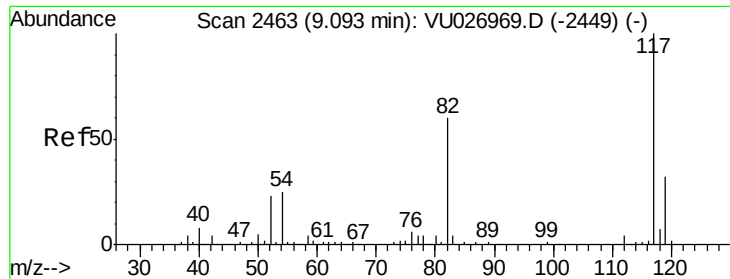
Tot Ion: 98 Resp: 285317
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.654 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027211.D
Acq: 27 Sep 2018 05:04

Tgt Ion: 95 Resp: 95754
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.2
176 70.0 0.0 145.2

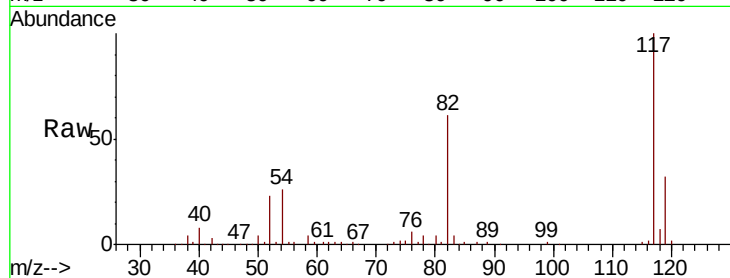




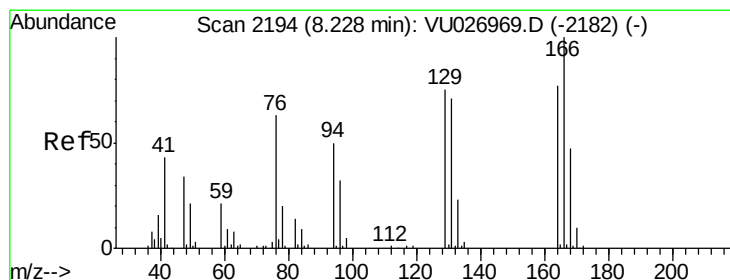
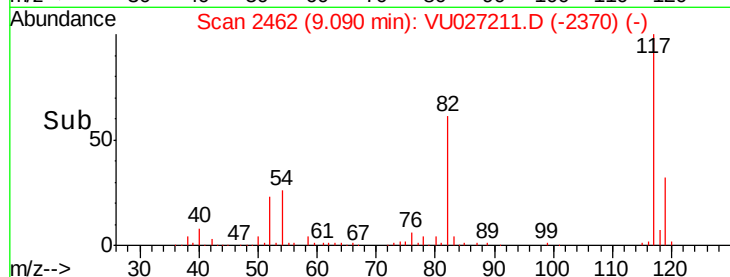
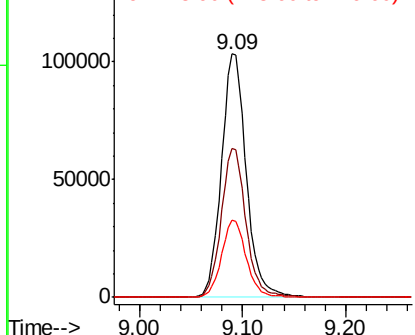
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027211.D
Acq: 27 Sep 2018 05:04

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18

Tot Ion:117 Resp: 173183
Ion Ratio Lower Upper
117 100
82 61.1 48.0 72.0
119 31.6 25.8 38.8



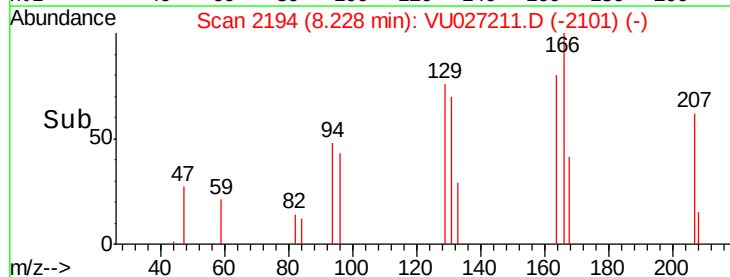
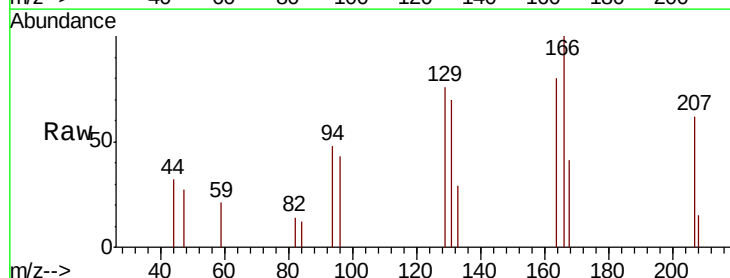
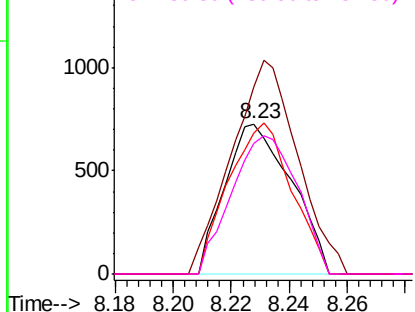
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

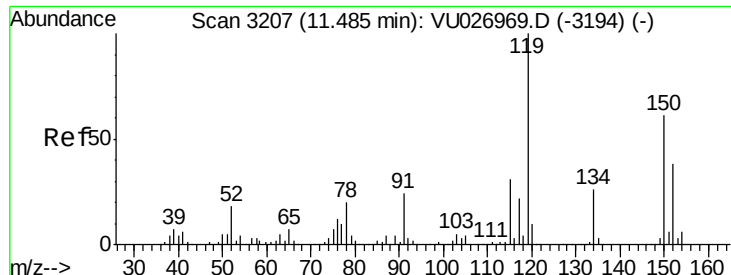


#64
Tetrachloroethene
Concen: 0.868 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027211.D
Acq: 27 Sep 2018 05:04

Tgt Ion:164 Resp: 1158
Ion Ratio Lower Upper
164 100
166 124.3 104.4 156.6
129 94.1 78.7 118.1
131 87.1 73.9 110.9

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: VU027211.D
 Acq: 27 Sep 2018 05:04

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18

Tot Ion:152 Resp: 82095
 Ion Ratio Lower Upper
 152 100
 115 62.0 44.9 134.5
 150 157.8 0.0 355.8

