

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027001.D
 Acq On : 22 Sep 2018 06:55
 Operator : MD/SY
 Sample : J4934-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ13311-20180912

Quant Time: Sep 24 03:26:27 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

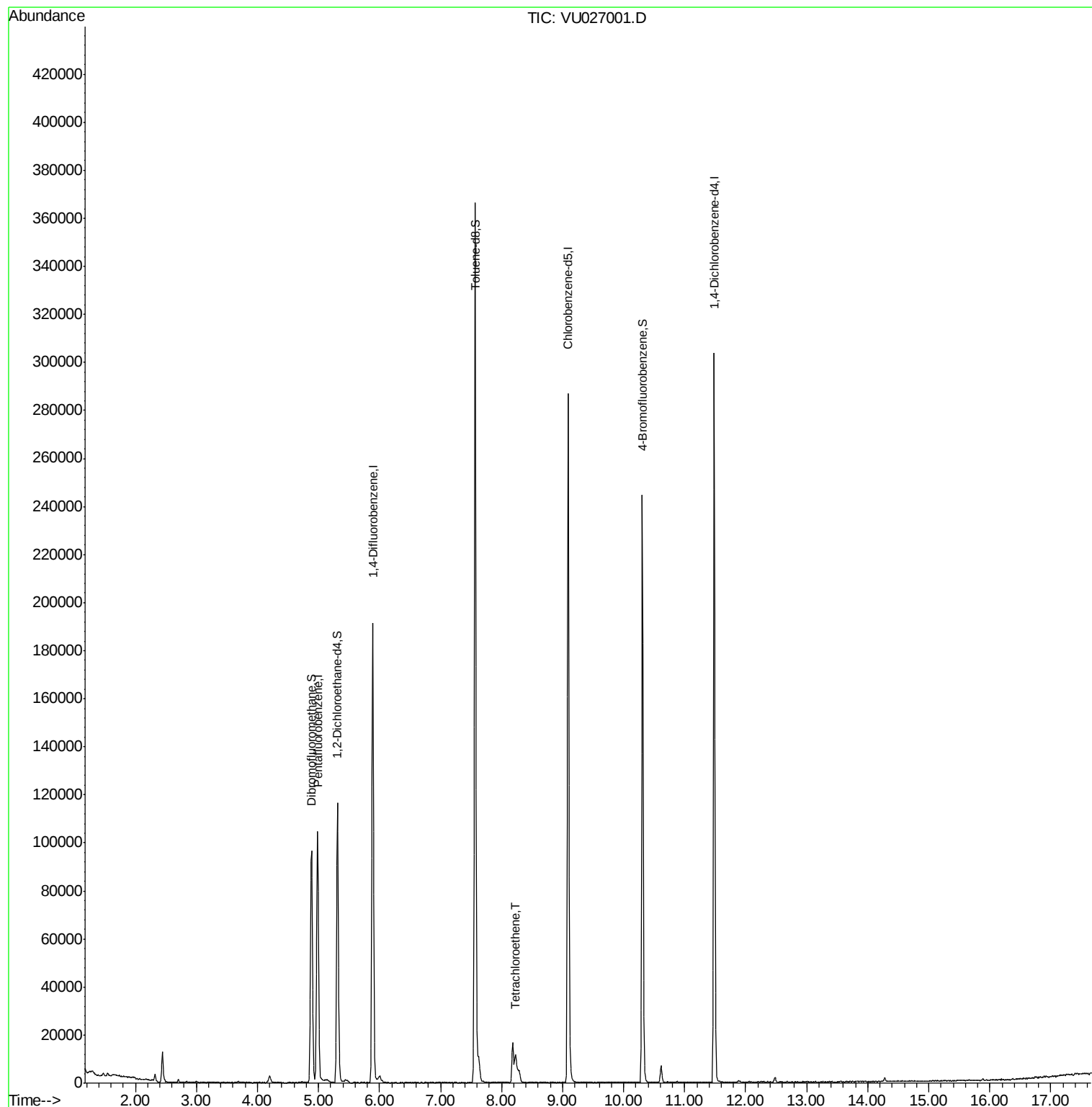
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	73002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	146538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	89936	61.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.42%	
35) Dibromofluoromethane	4.88	113	66931	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	7.57	98	233723	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	10.31	95	80690	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
64) Tetrachloroethene	8.23	164	1218	1.048	ug/l	Qvalue 95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

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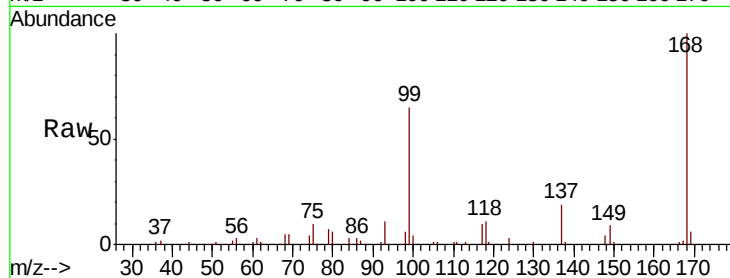
SA-PZ13311-20180912

Tot Ion:168 Resp: 73002

Ion Ratio Lower Upper

168 100

99 65.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

30000

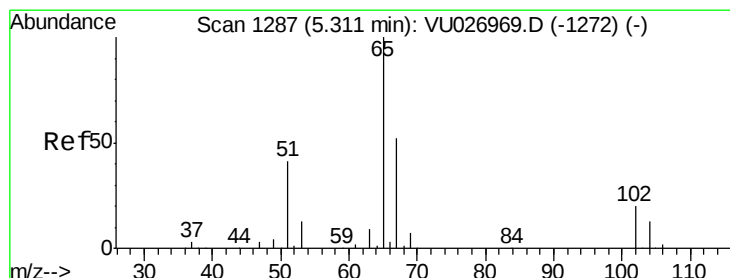
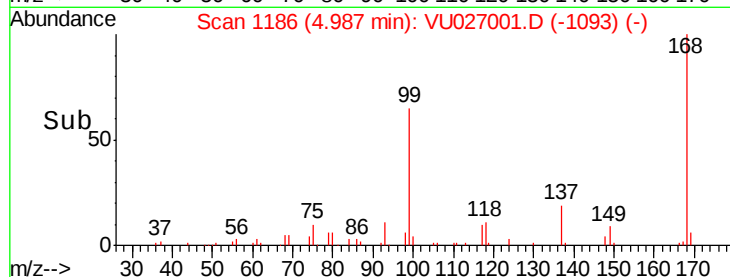
20000

10000

0

Time-->

4.90 4.95 5.00 5.05



#33

1,2-Dichloroethane-d4

Concen: 61.211 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027001.D

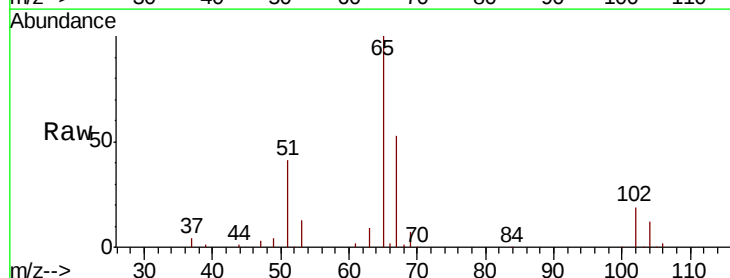
Acq: 22 Sep 2018 06:55

Tgt Ion: 65 Resp: 89936

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

50000

40000

30000

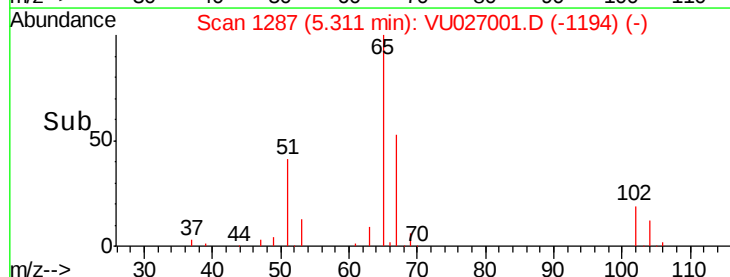
20000

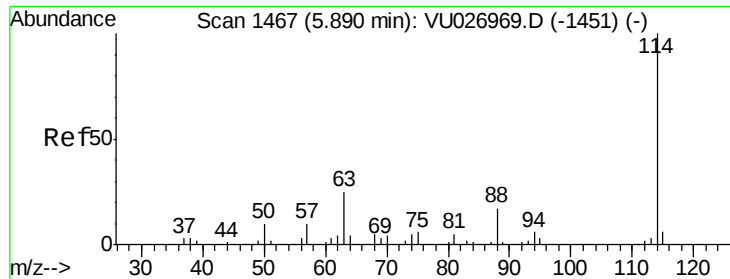
10000

0

Time-->

5.20 5.25 5.30 5.35 5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. -0.00 min

Lab File: VU027001.D

Acq: 22 Sep 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ13311-20180912

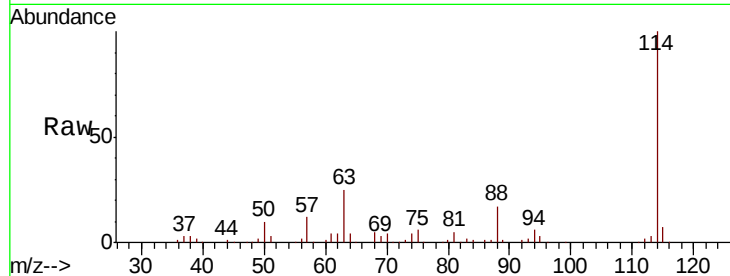
Tot Ion:114 Resp: 146538

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

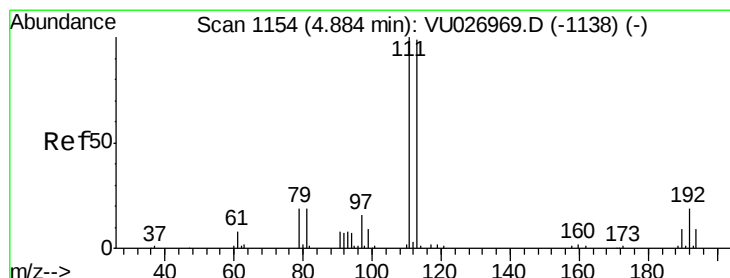
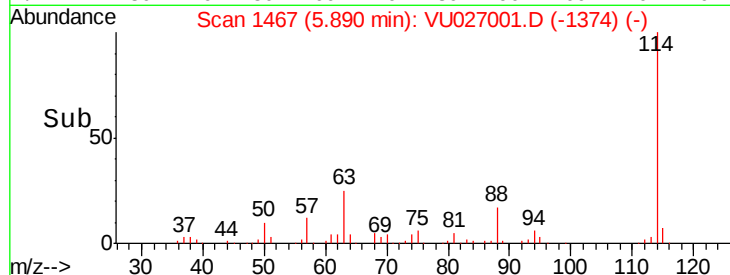
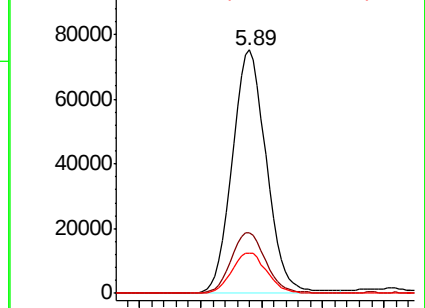
88 16.7 0.0 33.8



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: 52.694 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027001.D

Acq: 22 Sep 2018 06:55

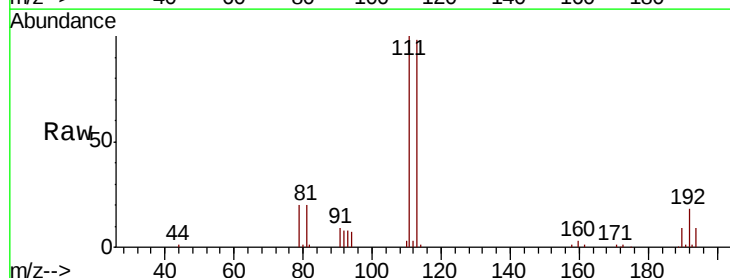
Tgt Ion:113 Resp: 66931

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

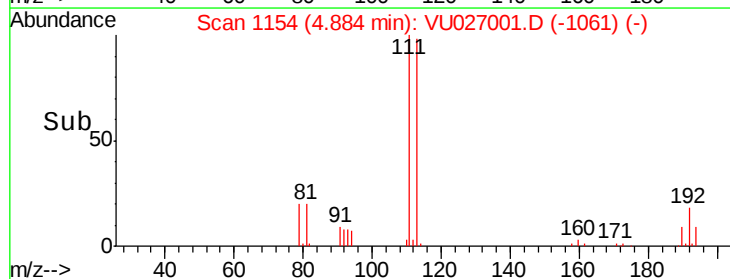
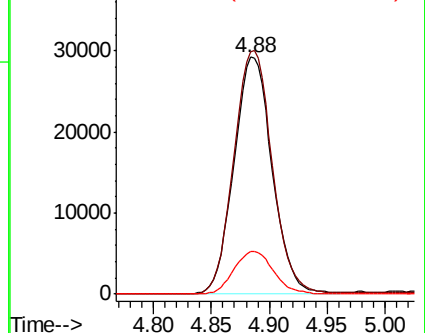
192 18.5 15.2 22.8



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

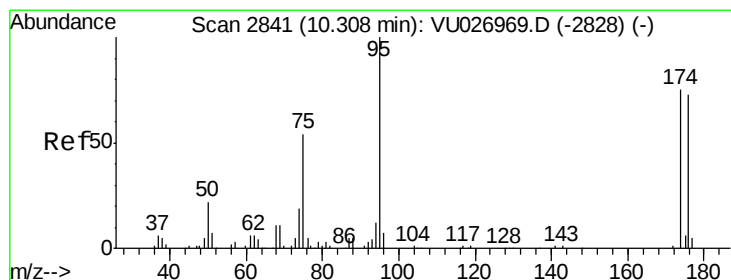
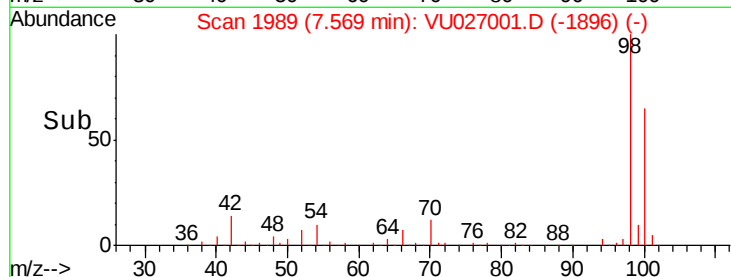
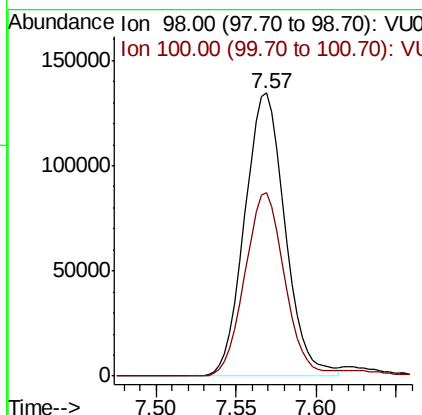
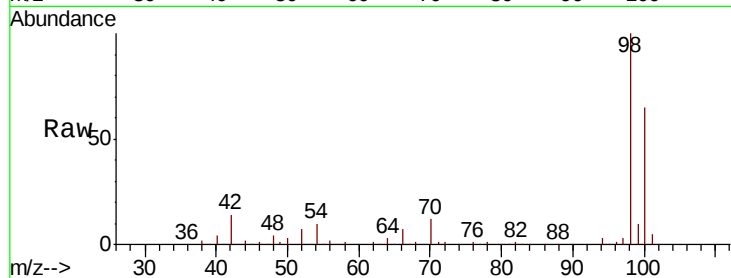




#50
Toluene-d8
Concen: 48.282 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VU027001.D
Acq: 22 Sep 2018 06:55

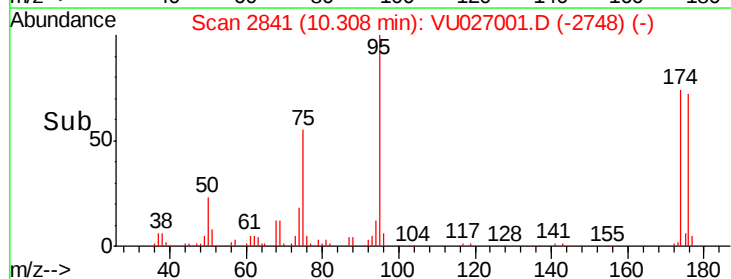
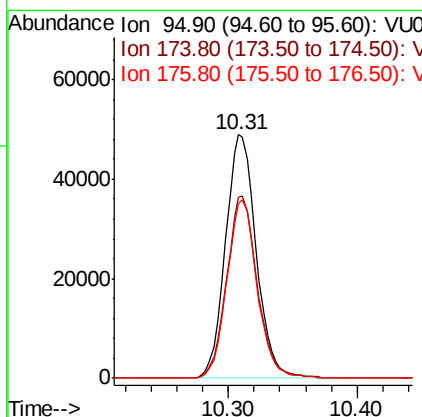
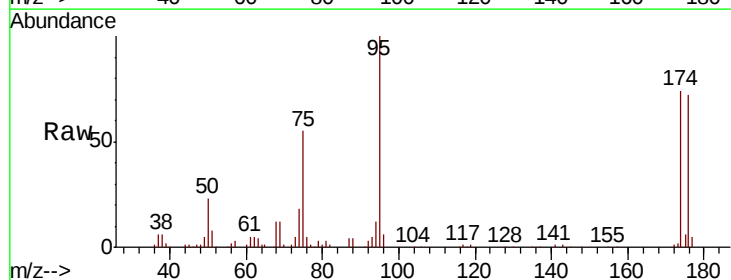
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ13311-20180912

Tot Ion: 98 Resp: 233723
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.579 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027001.D
Acq: 22 Sep 2018 06:55

Tgt Ion: 95 Resp: 80690
Ion Ratio Lower Upper
95 100
174 74.6 0.0 150.2
176 72.1 0.0 145.2

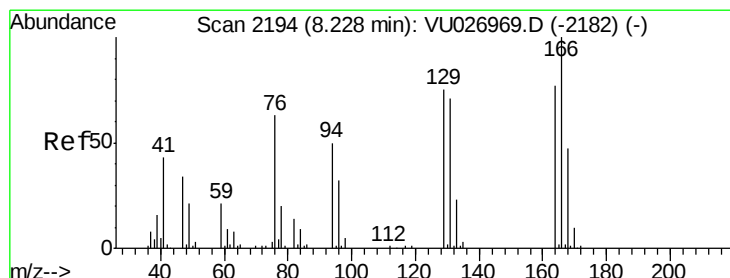
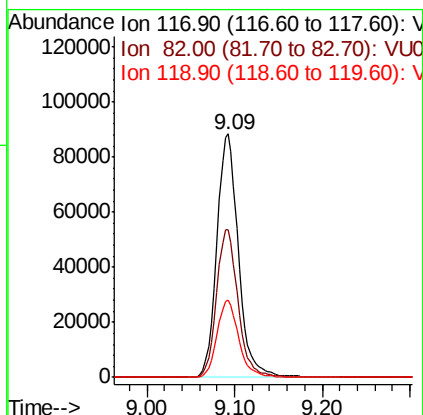
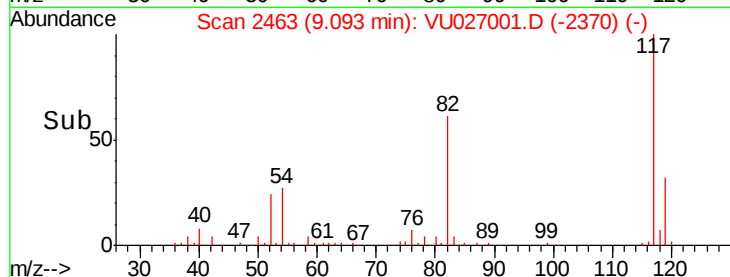
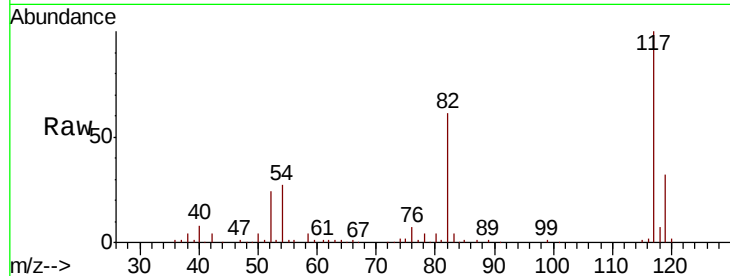




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027001.D
Acq: 22 Sep 2018 06:55

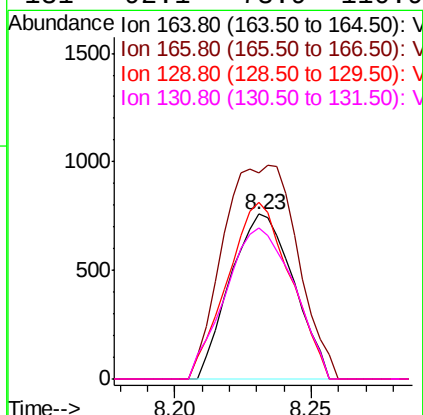
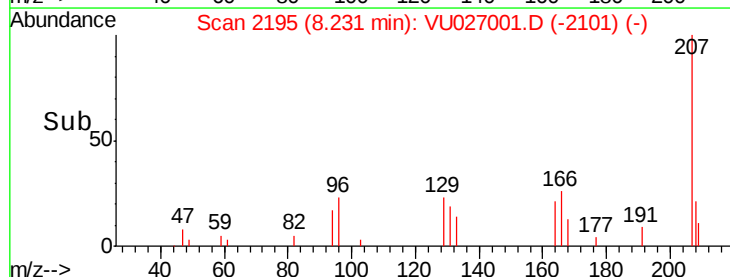
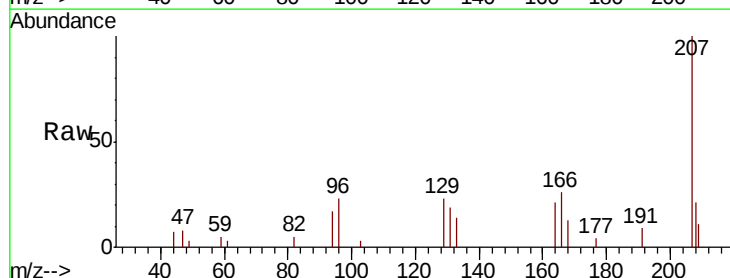
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ133I1-20180912

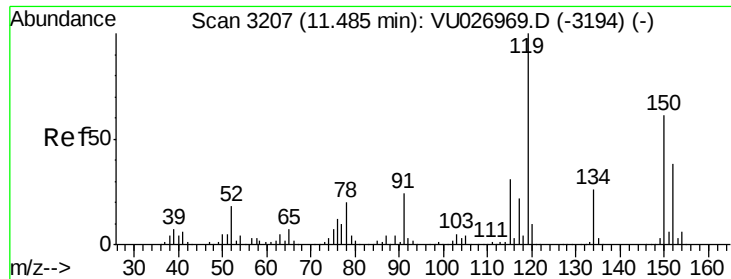
Tot Ion:117 Resp: 150802
Ion Ratio Lower Upper
117 100
82 60.7 48.0 72.0
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 1.048 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027001.D
Acq: 22 Sep 2018 06:55

Tgt Ion:164 Resp: 1218
Ion Ratio Lower Upper
164 100
166 125.3 104.4 156.6
129 107.5 78.7 118.1
131 92.1 73.9 110.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU027001.D
 Acq: 22 Sep 2018 06:55

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ13311-20180912

Tot Ion:152 Resp: 71802
 Ion Ratio Lower Upper
 152 100
 115 59.8 44.9 134.5
 150 158.1 0.0 355.8

