

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027028.D
 Acq On : 22 Sep 2018 20:04
 Operator : MD/SY
 Sample : J4934-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ13311-20180912

Quant Time: Sep 24 05:16:38 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

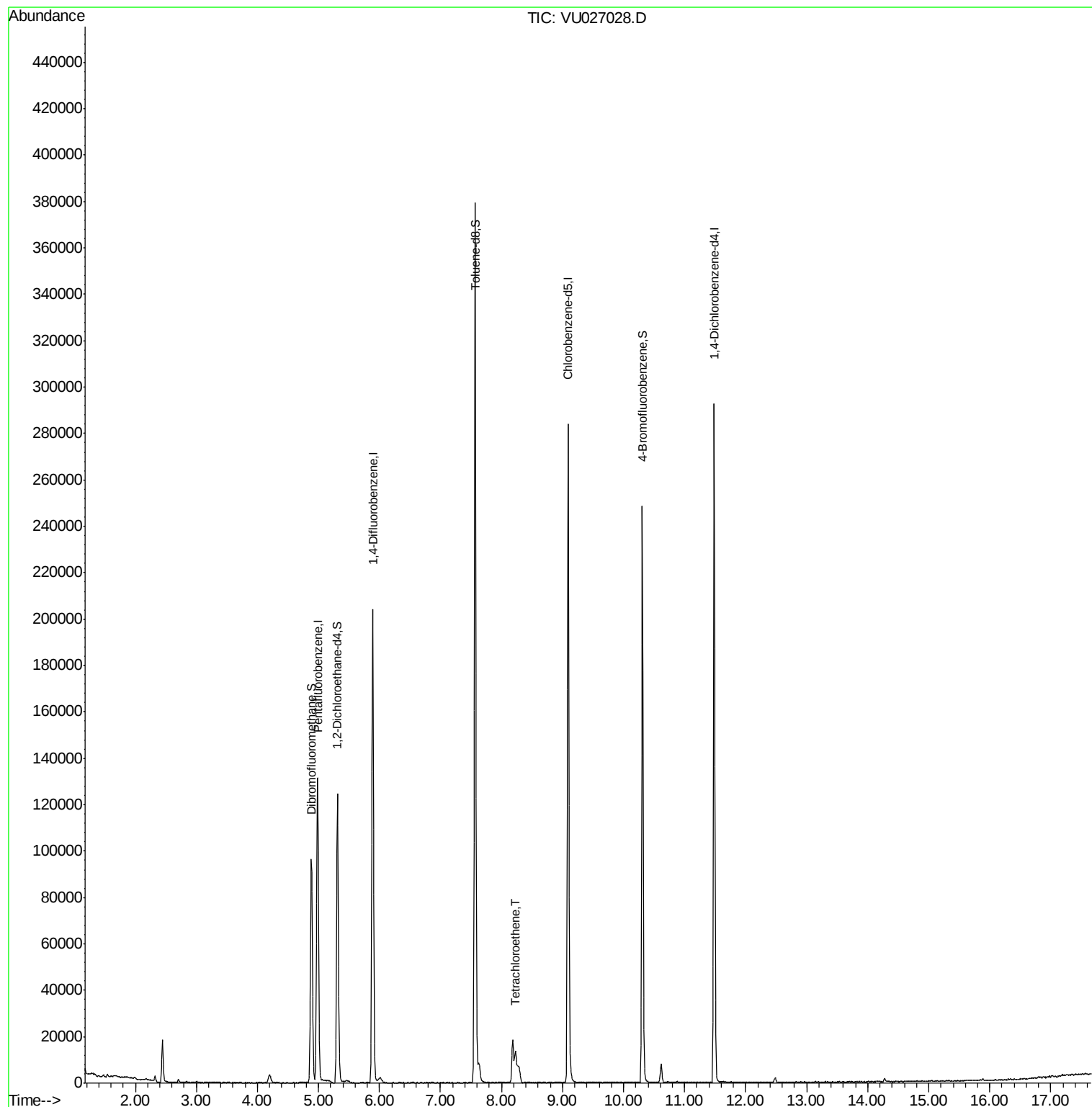
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	155922	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	70301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95636	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	4.89	113	65701	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	7.57	98	241850	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	10.31	95	80774	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
64) Tetrachloroethene	8.23	164	1361	1.174	ug/l	Qvalue 93

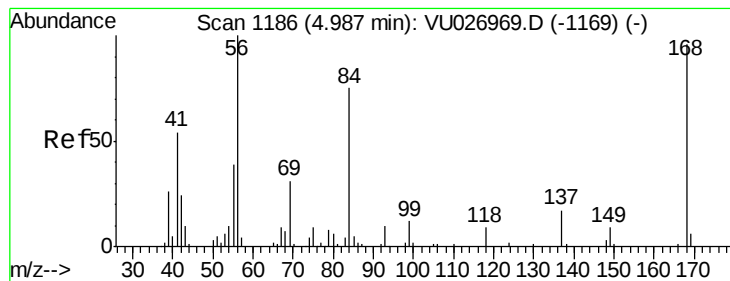
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027028.D

Acq: 22 Sep 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

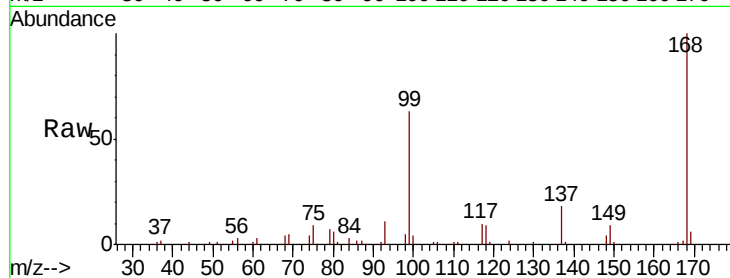
SA-PZ13311-20180912

Tot Ion:168 Resp: 92585

Ion Ratio Lower Upper

168 100

99 63.4 48.1 72.1

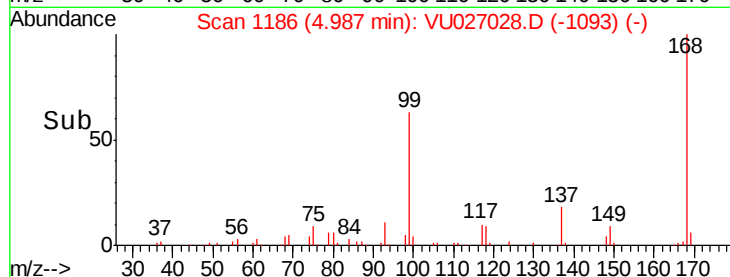


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

Time-->

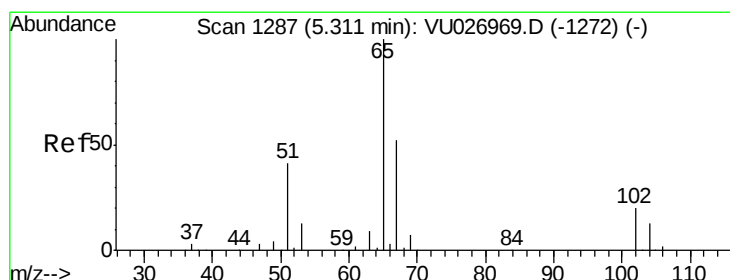


Abundance Ion 167.90 (167.60 to 168.60): VU027028.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU027028.D (-1093) (-)

4.99

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.323 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027028.D

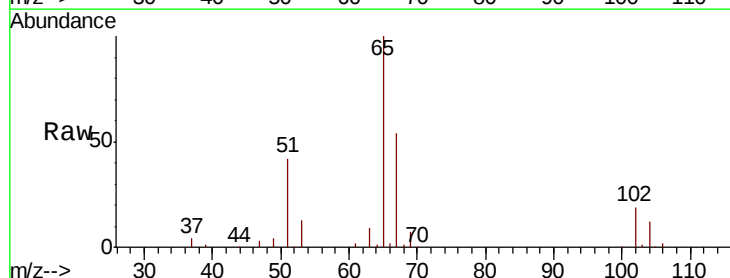
Acq: 22 Sep 2018 20:04

Tgt Ion: 65 Resp: 95636

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.6

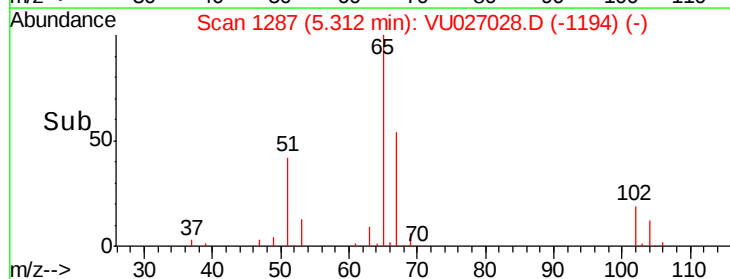


Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

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

5.31

Time-->

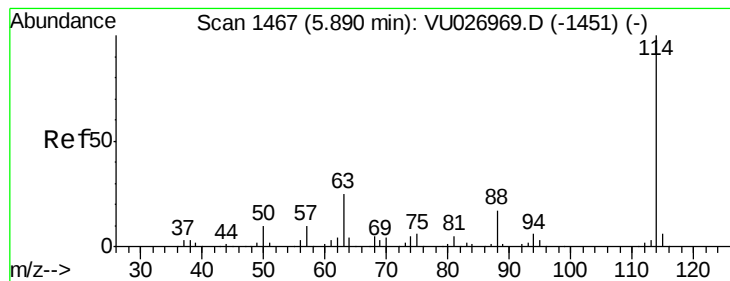


Abundance Ion 64.90 (64.60 to 65.60): VU027028.D (-1194) (-)

Ion 66.90 (66.60 to 67.60): VU027028.D (-1194) (-)

5.31

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027028.D

Acq: 22 Sep 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ13311-20180912

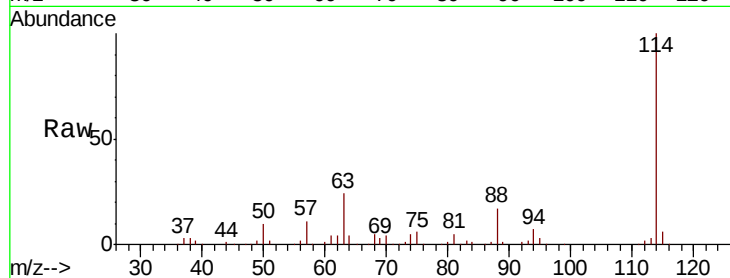
Tot Ion:114 Resp: 155922

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

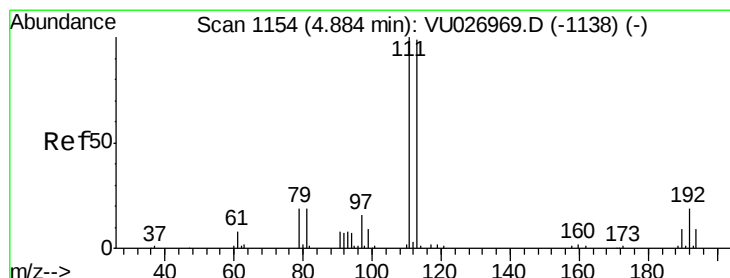
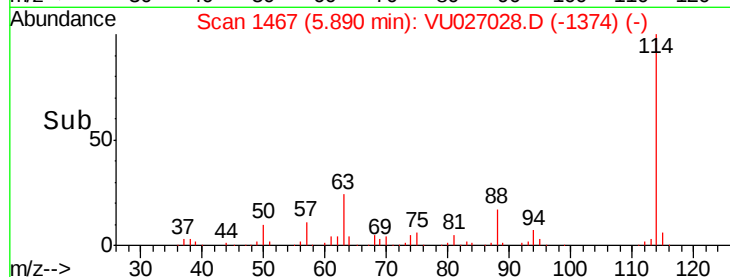
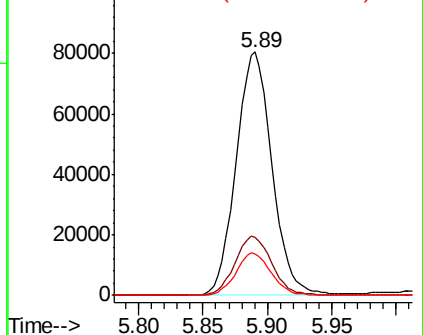
88 17.2 0.0 33.8



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: 48.612 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027028.D

Acq: 22 Sep 2018 20:04

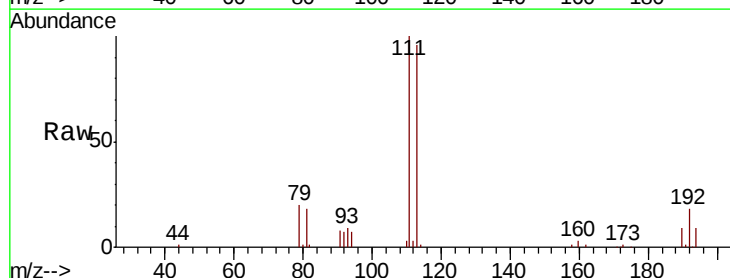
Tgt Ion:113 Resp: 65701

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

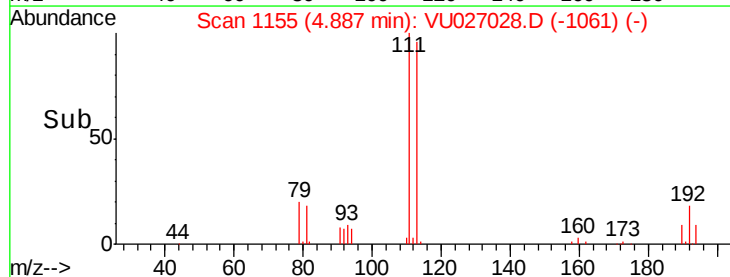
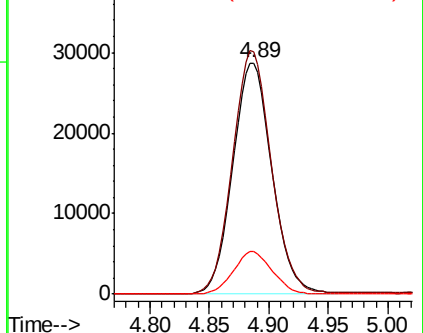
192 18.2 15.2 22.8



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: 46.954 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027028.D

Acq: 22 Sep 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

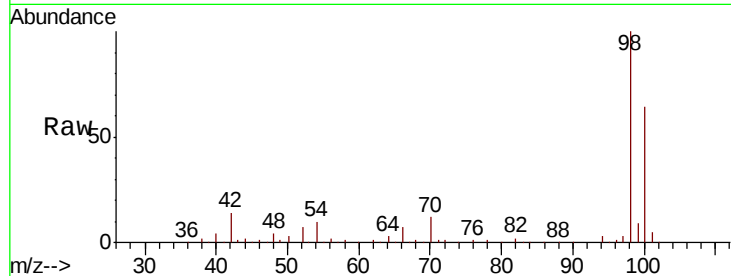
SA-PZ133I1-20180912

Tot Ion: 98 Resp: 241850

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

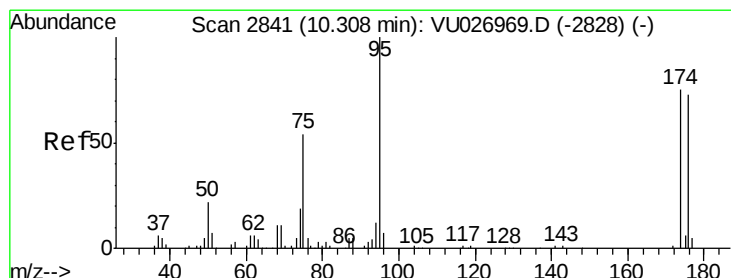
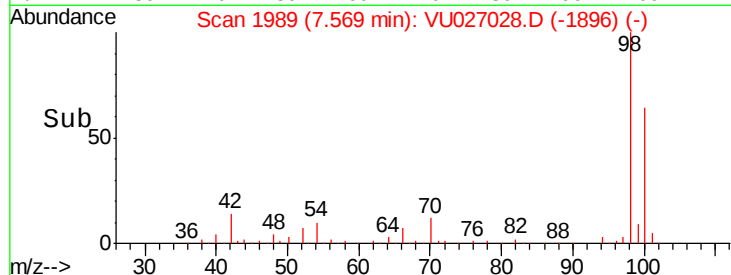
100000

50000

0

7.50 7.55 7.60

Time-->



#62

4-Bromofluorobenzene

Concen: 45.703 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027028.D

Acq: 22 Sep 2018 20:04

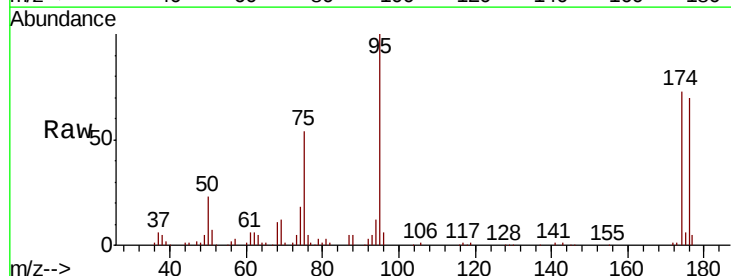
Tgt Ion: 95 Resp: 80774

Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.2

176 70.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

10.31

60000

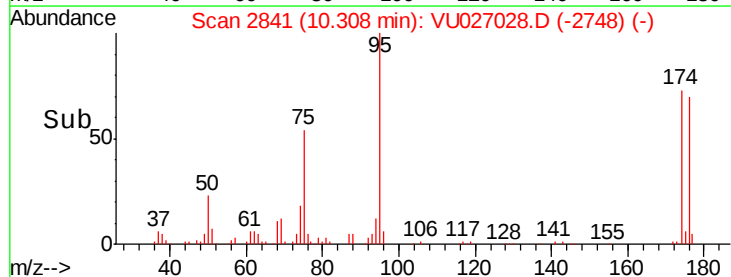
40000

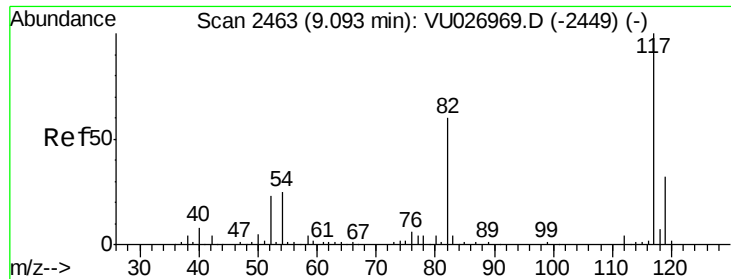
20000

0

10.30 10.40

Time-->

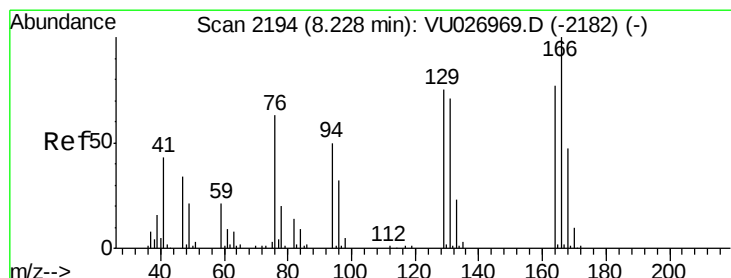
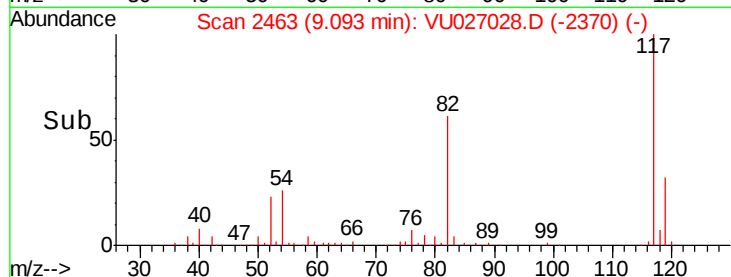
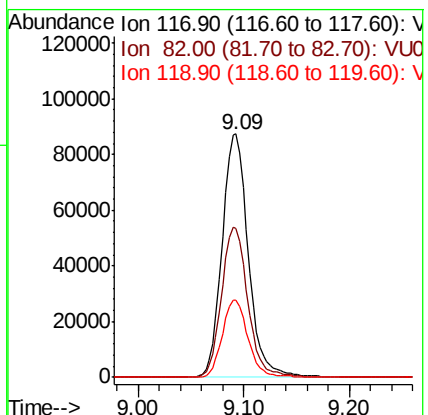
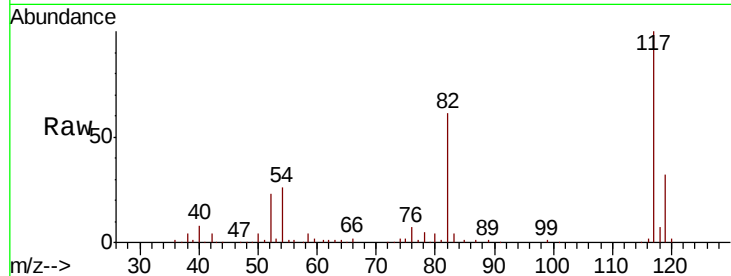




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027028.D
Acq: 22 Sep 2018 20:04

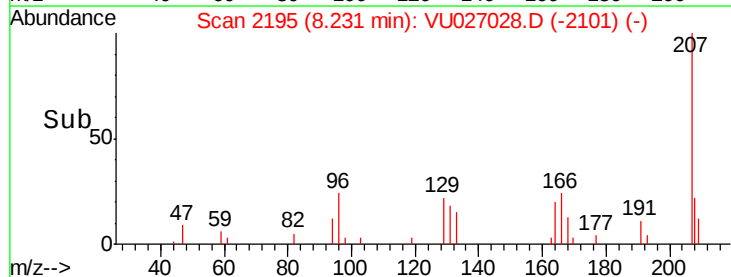
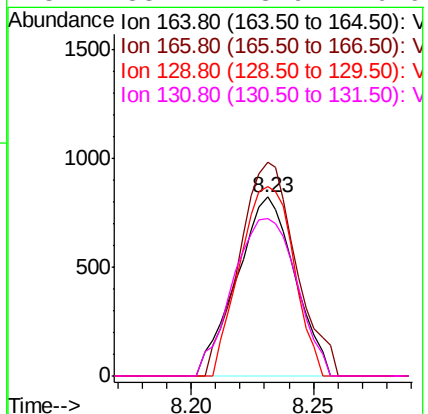
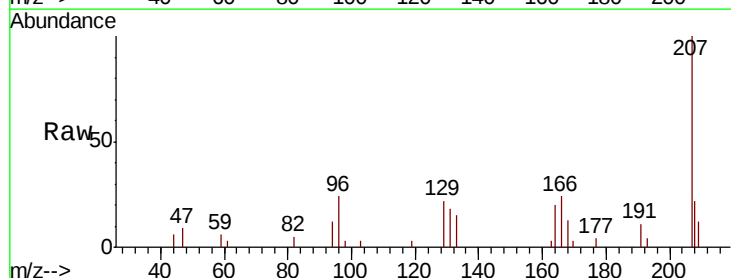
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MSVOA_U
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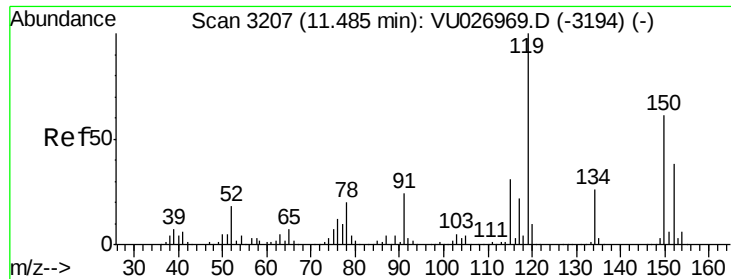
Tot Ion:117 Resp: 150400
Ion Ratio Lower Upper
117 100
82 61.0 48.0 72.0
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 1.174 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027028.D
Acq: 22 Sep 2018 20:04

Tgt Ion:164 Resp: 1361
Ion Ratio Lower Upper
164 100
166 119.5 104.4 156.6
129 106.0 78.7 118.1
131 88.2 73.9 110.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027028.D
 Acq: 22 Sep 2018 20:04

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ13311-20180912

Tot Ion:152 Resp: 70301
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.9 134.5
 150 156.0 0.0 355.8

