

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061072.D
 Acq On : 14 Mar 2019 18:41
 Operator : VA/AP
 Sample : K1901-08
 Misc : 4.80g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6(6.5-7.5)

Quant Time: Mar 15 03:41:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

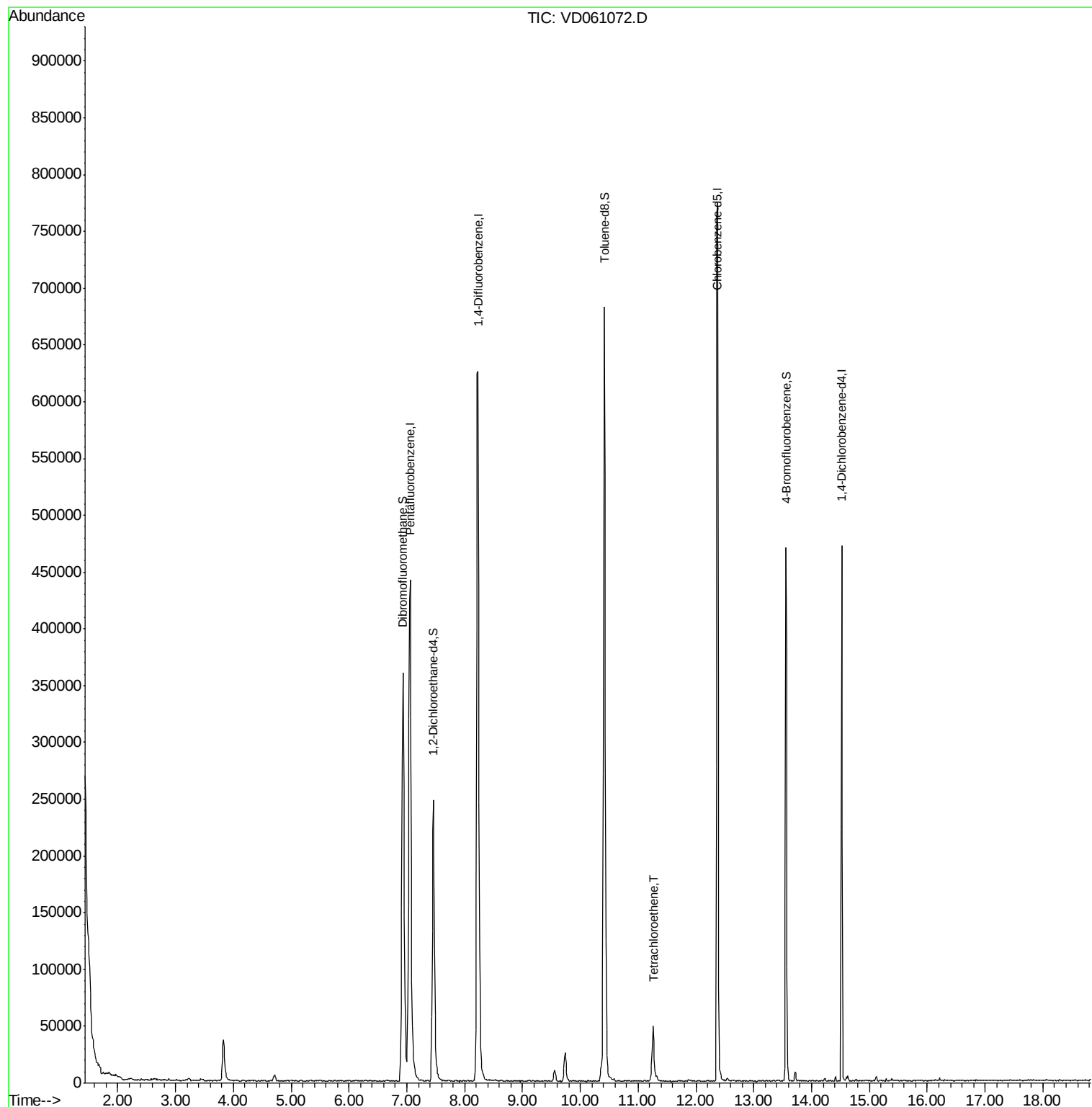
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	467479	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	811942	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	520943	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	104455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	231873	59.59	ug/l	0.01
Spiked Amount 50.000			Recovery	=	119.18%	
35) Dibromofluoromethane	6.93	113	356694	59.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.40%	
50) Toluene-d8	10.41	98	623006	41.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.34%	
62) 4-Bromofluorobenzene	13.55	95	156985	26.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.48%	
Target Compounds						
64) Tetrachloroethene	11.26	164	13669	3.887	ug/l	Qvalue 90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061072.D

Acq: 14 Mar 2019 18:41

Instrument :

MSVOA_D

ClientSampleId :

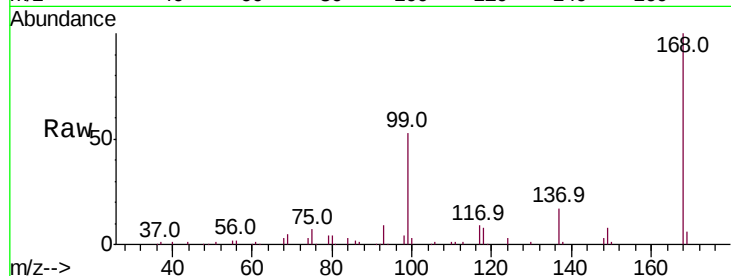
SB-6(6.5-7.5)

Tot Ion:168 Resp: 467479

Ion Ratio Lower Upper

168 100

99 52.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

150000

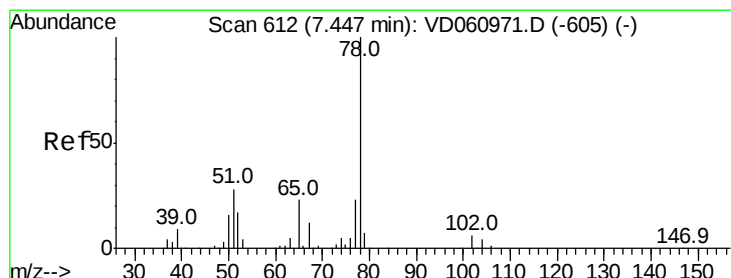
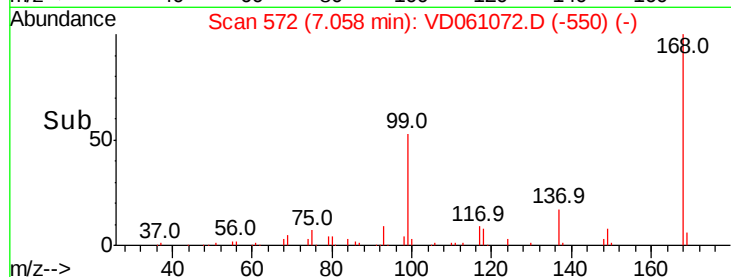
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061072.D

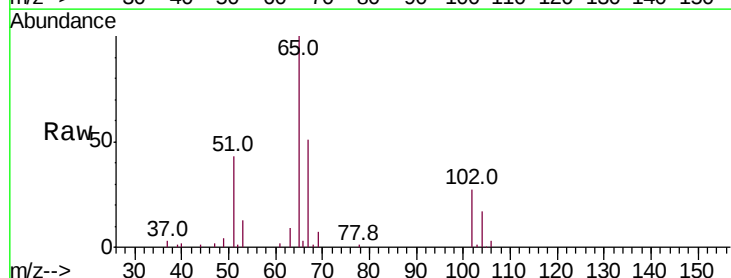
Acq: 14 Mar 2019 18:41

Tgt Ion: 65 Resp: 231873

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

100000

80000

60000

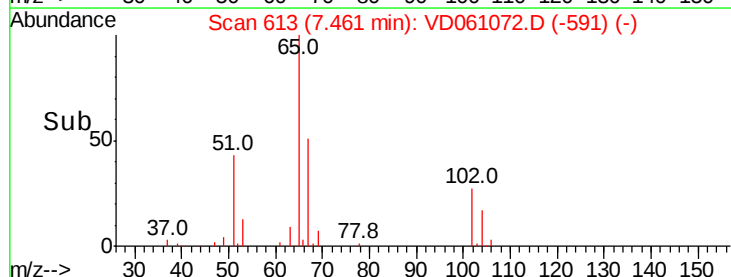
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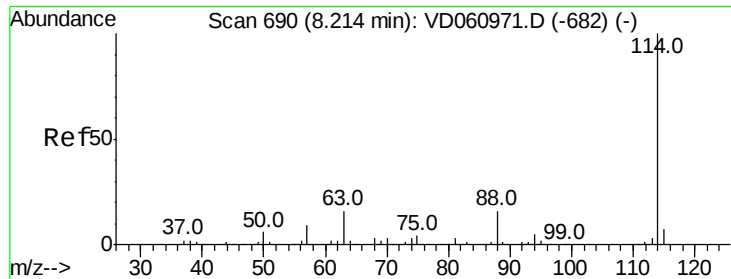
20000

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Time-->

7.30 7.40 7.50 7.60

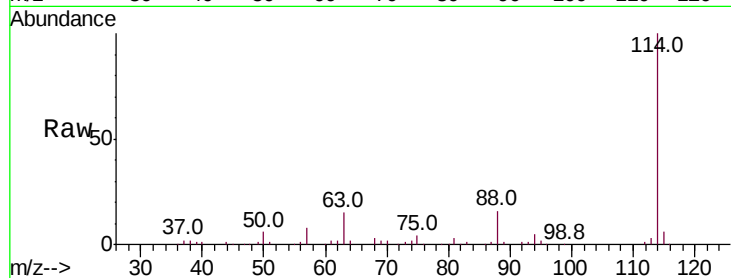




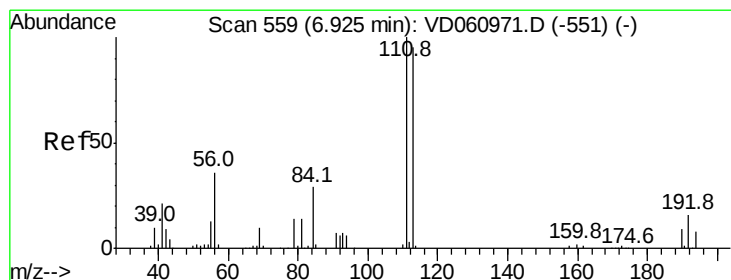
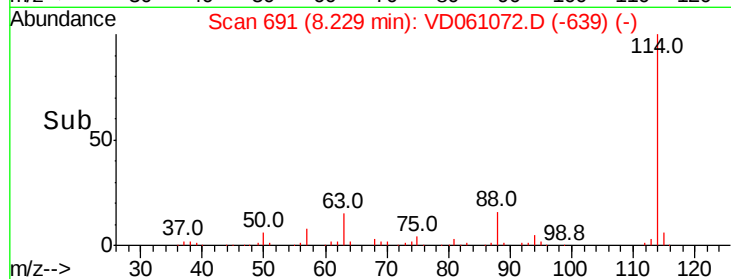
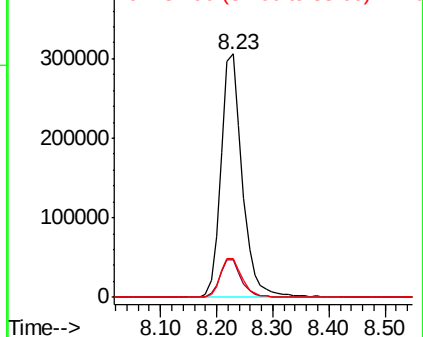
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061072.D
 Acq: 14 Mar 2019 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6(6.5-7.5)

Tot Ion:114 Resp: 811942
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 31.4
 88 15.8 0.0 33.0

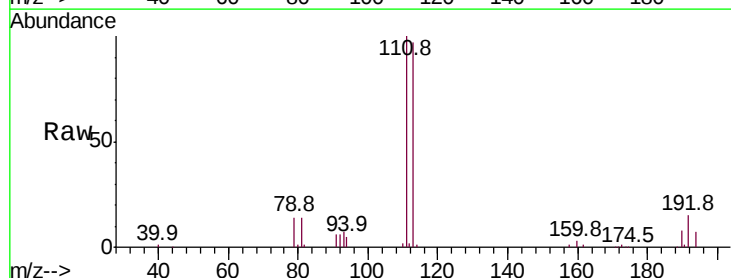


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

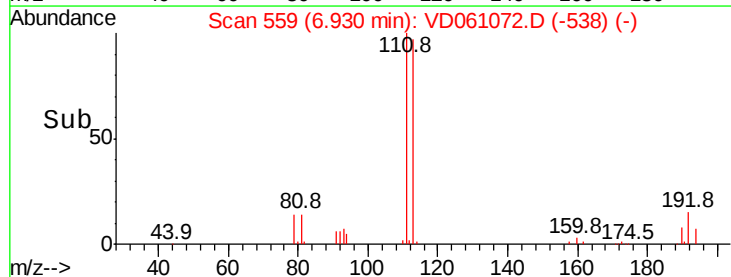
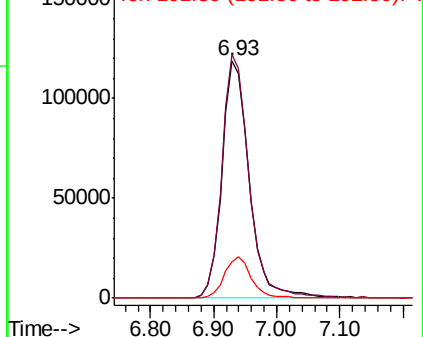


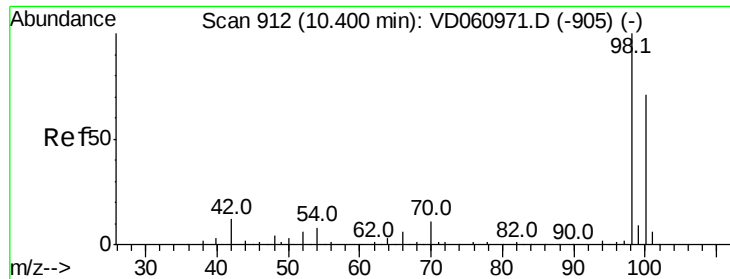
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061072.D
 Acq: 14 Mar 2019 18:41

Tgt Ion:113 Resp: 356694
 Ion Ratio Lower Upper
 113 100
 111 102.6 84.2 126.4
 192 15.3 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061072.D

Acq: 14 Mar 2019 18:41

Instrument :

MSVOA_D

ClientSampleId :

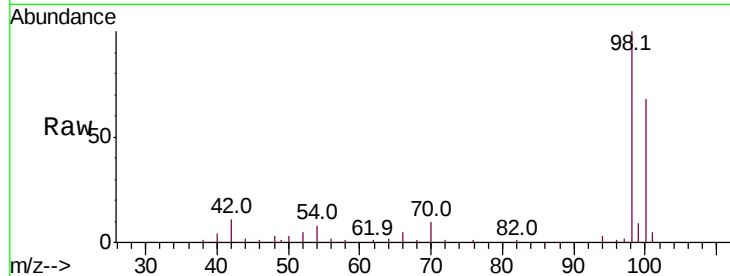
SB-6(6.5-7.5)

Tot Ion: 98 Resp: 623006

Ion Ratio Lower Upper

98 100

100 68.4 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.41

250000

200000

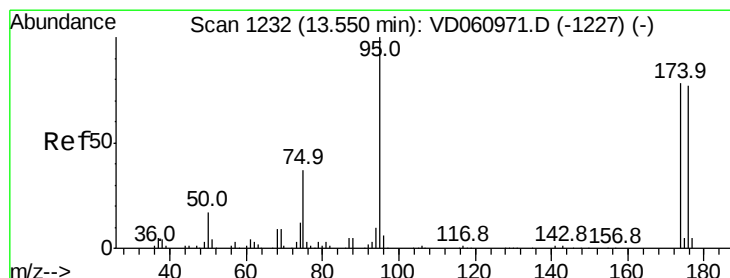
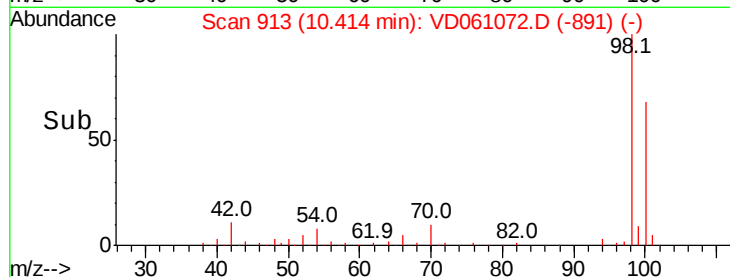
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061072.D

Acq: 14 Mar 2019 18:41

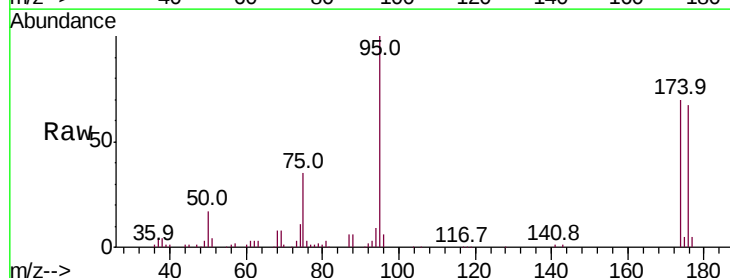
Tgt Ion: 95 Resp: 156985

Ion Ratio Lower Upper

95 100

174 70.2 0.0 155.6

176 66.9 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.55

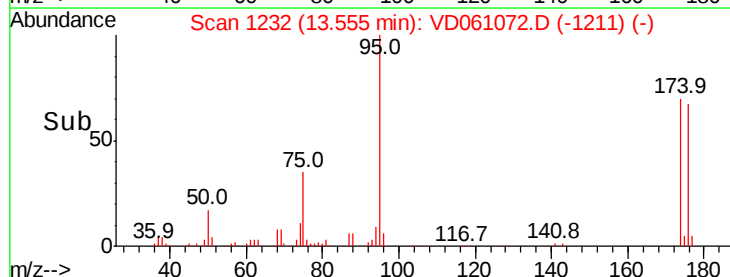
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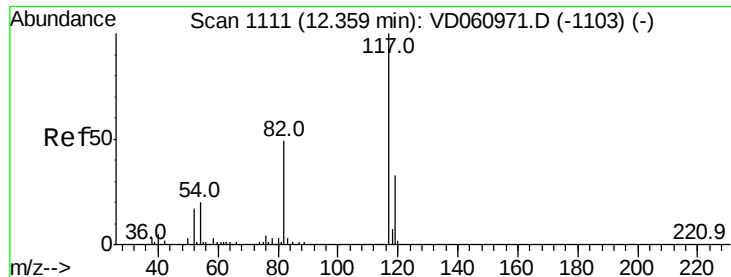
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50000

0

Time-->

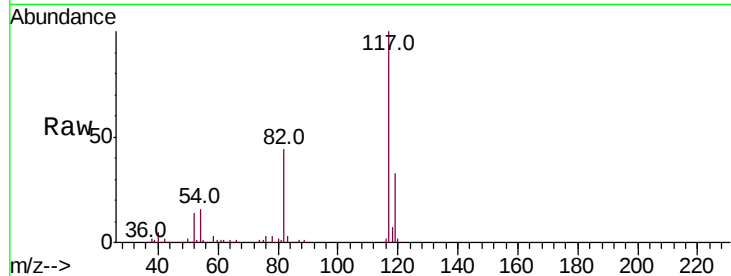




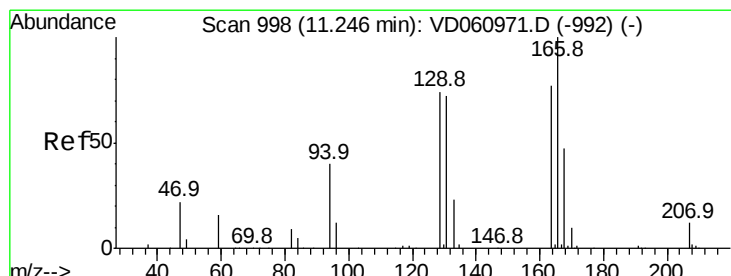
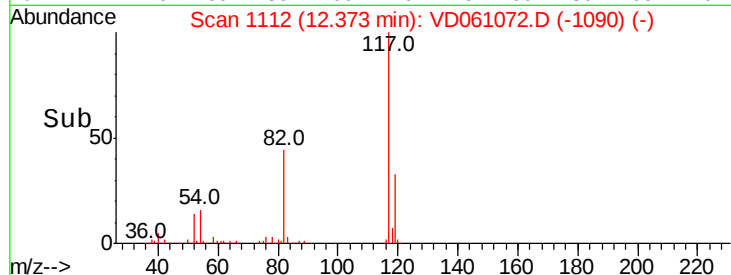
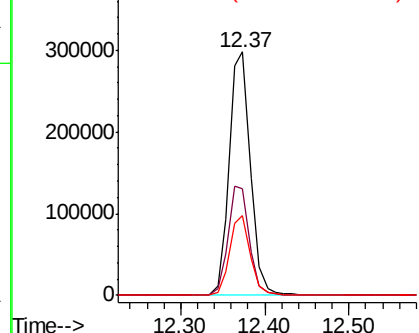
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061072.D
Acq: 14 Mar 2019 18:41

Instrument :
MSVOA_D
ClientSampleId :
SB-6(6.5-7.5)

Tot Ion:117 Resp: 520943
Ion Ratio Lower Upper
117 100
82 44.0 38.9 58.3
119 32.8 26.6 39.8

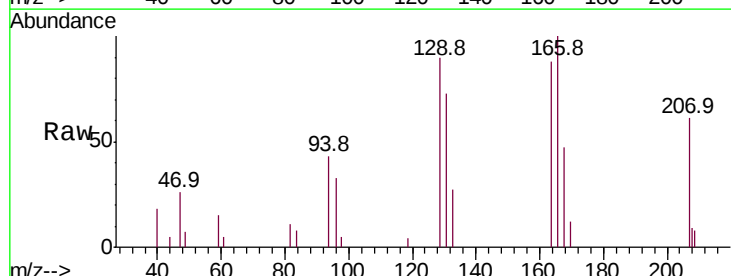


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

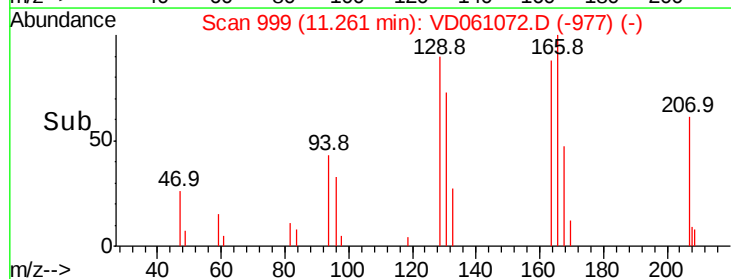
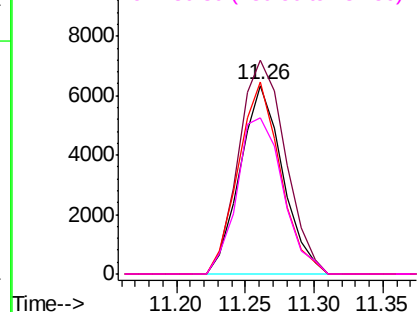


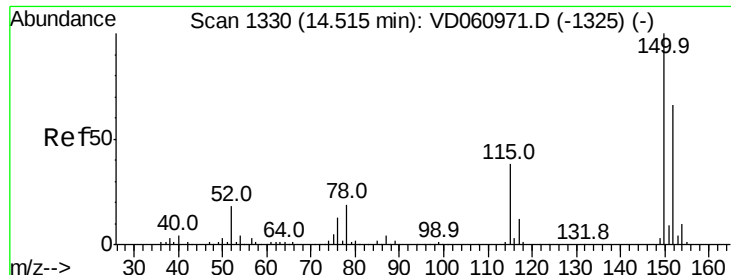
#64
Tetrachloroethene
Concen: 3.887 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD061072.D
Acq: 14 Mar 2019 18:41

Tgt Ion:164 Resp: 13669
Ion Ratio Lower Upper
164 100
166 113.2 103.4 155.0
129 101.8 76.9 115.3
131 82.9 74.4 111.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

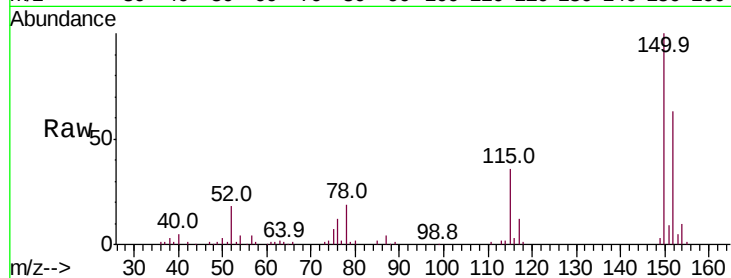




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061072.D
 Acq: 14 Mar 2019 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6(6.5-7.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.6	85.9
150	158.0	0.0	310.6



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

