

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD040219\
 Data File : VD061516.D
 Acq On : 2 Apr 2019 16:06
 Operator : VA/AP
 Sample : K2189-10
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB201R-GW-758-760

Quant Time: Apr 03 08:05:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

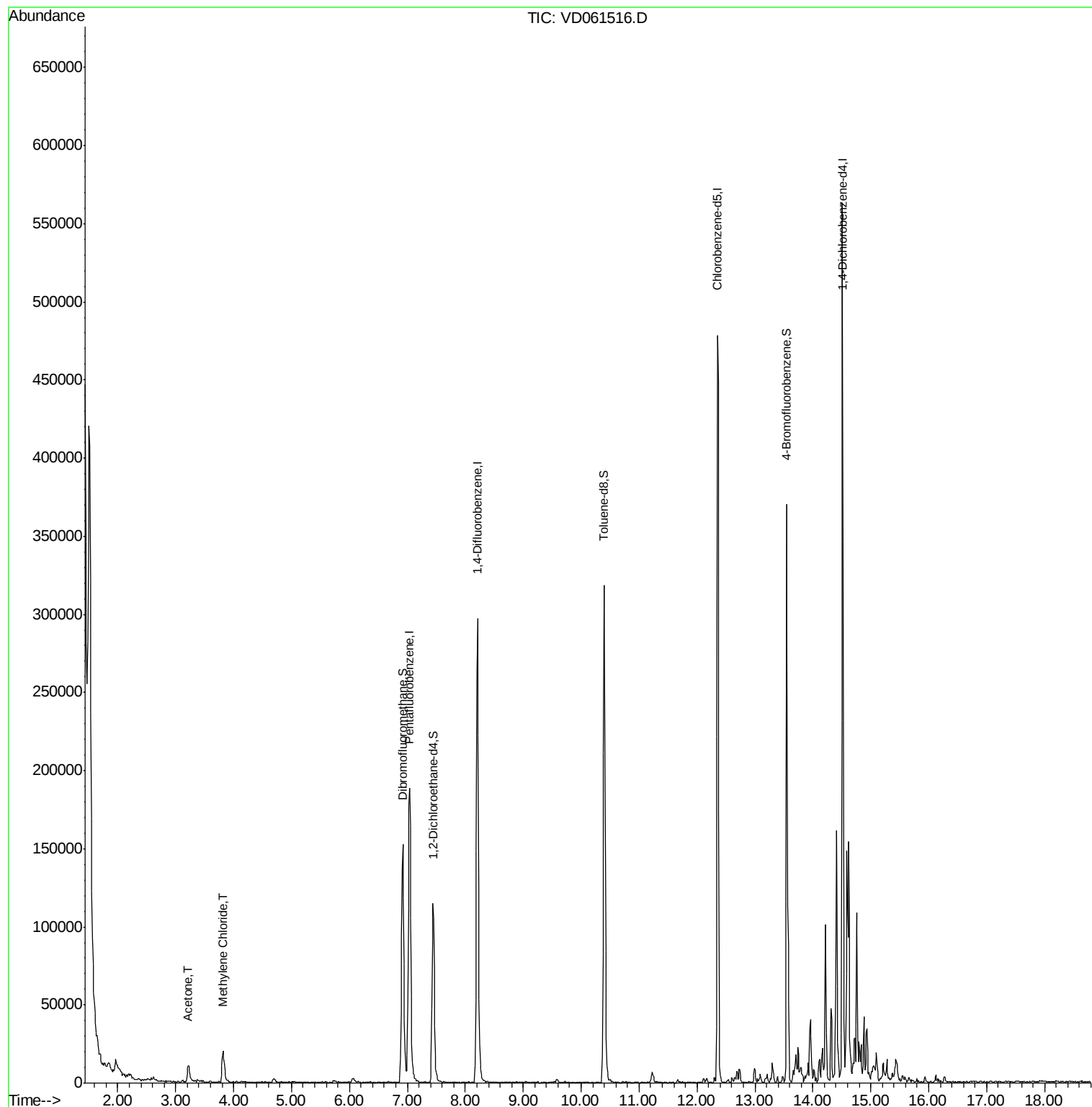
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	204310	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	367278	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	316759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	125578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	114133	65.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	130.78%	
35) Dibromofluoromethane	6.92	113	145546	51.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	10.39	98	293661	43.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.24%	
62) 4-Bromofluorobenzene	13.55	95	113928	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
16) Acetone	3.22	43	23556	52.503	ug/l	97
20) Methylene Chloride	3.81	84	15872	4.571	ug/l	98

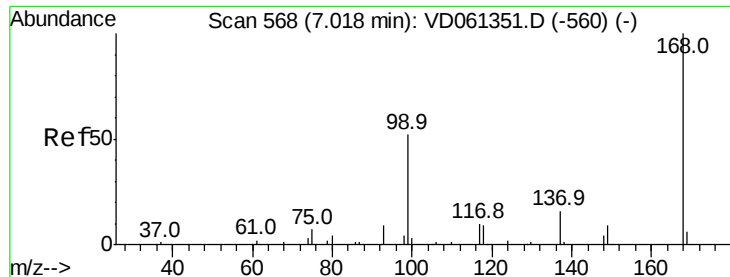
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061516.D

Acq: 2 Apr 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

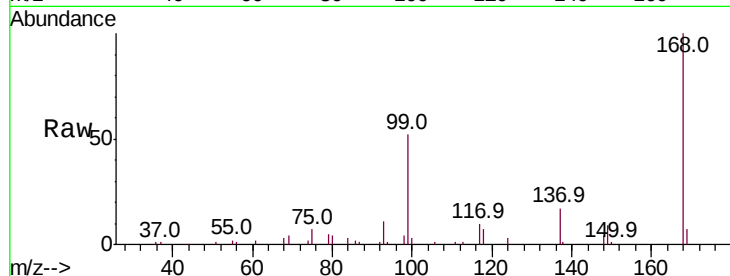
BP-VPB201R-GW-758-760

Tot Ion:168 Resp: 204310

Ion Ratio Lower Upper

168 100

99 51.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

80000

60000

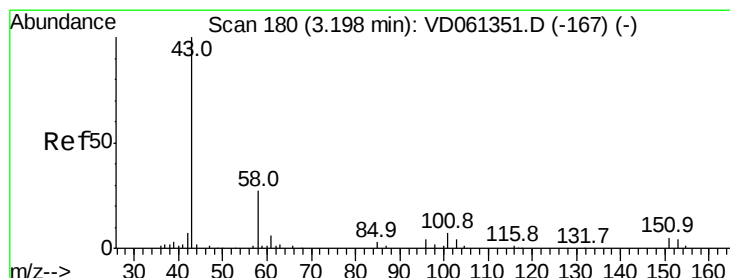
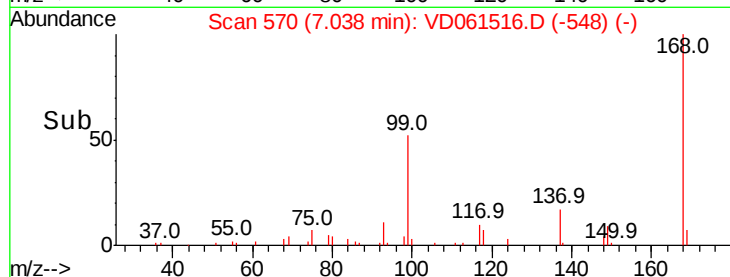
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 52.503 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061516.D

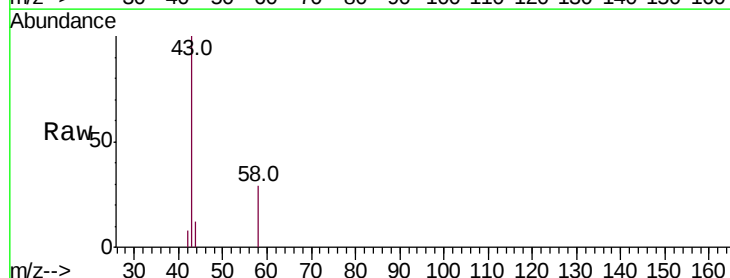
Acq: 2 Apr 2019 16:06

Tgt Ion: 43 Resp: 23556

Ion Ratio Lower Upper

43 100

58 28.6 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

6000

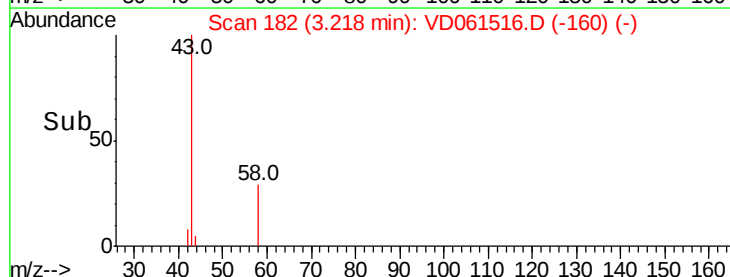
4000

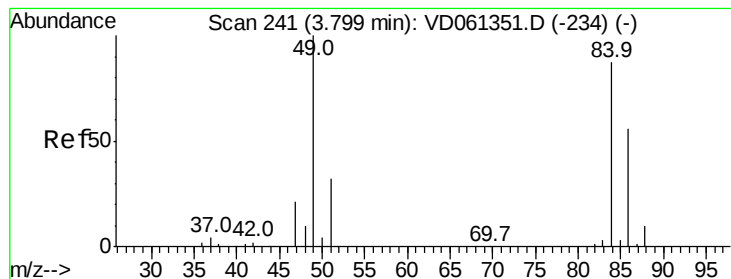
2000

0

Time-->

3.10 3.20 3.30





#20

Methvlene Chloride

Concen: 4.571 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061516.D

Acq: 2 Apr 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB201R-GW-758-760

Tot Ion: 84 Resp: 15872

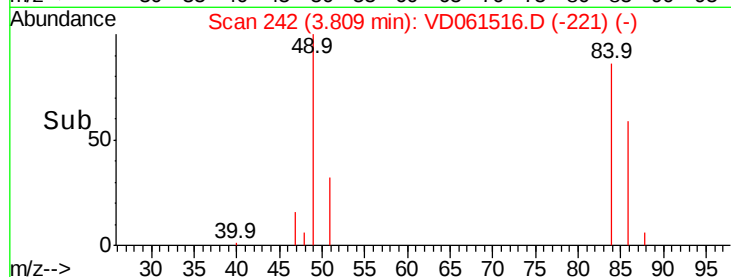
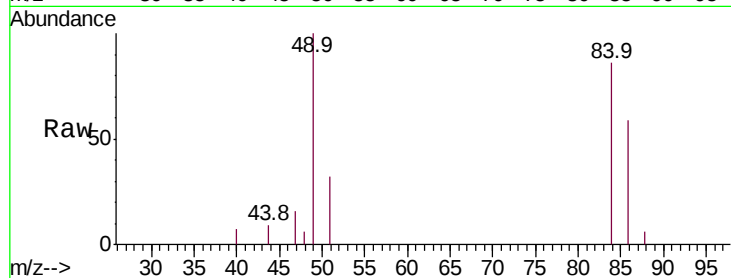
Ion Ratio Lower Upper

84 100

49 115.6 91.8 137.8

51 36.6 29.8 44.8

86 68.6 51.8 77.6

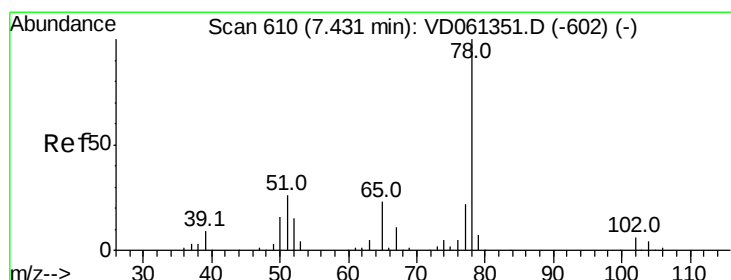
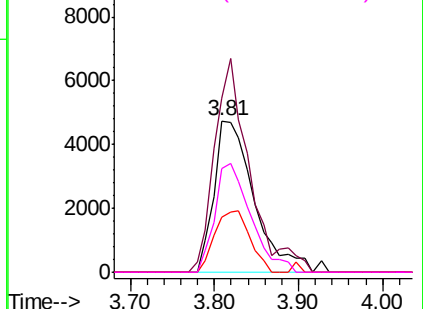


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 65.394 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061516.D

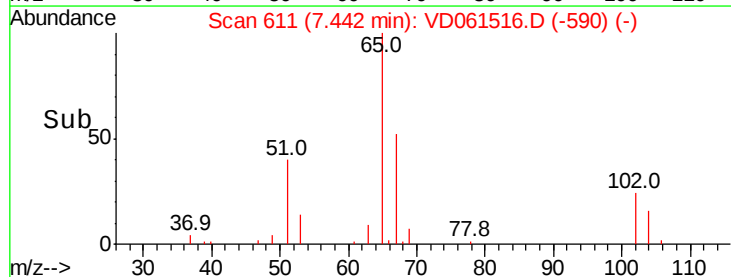
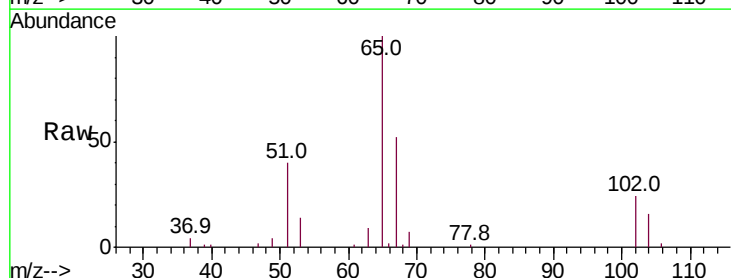
Acq: 2 Apr 2019 16:06

Tgt Ion: 65 Resp: 114133

Ion Ratio Lower Upper

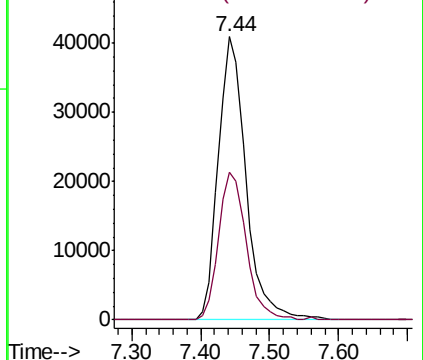
65 100

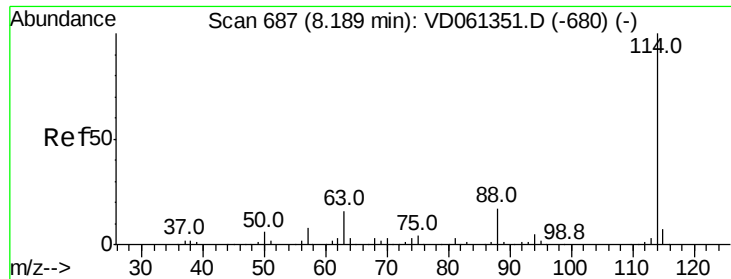
67 52.3 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

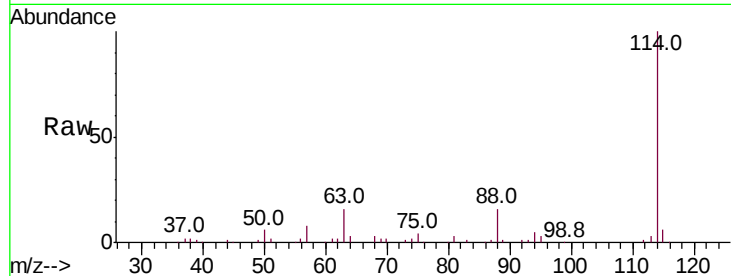




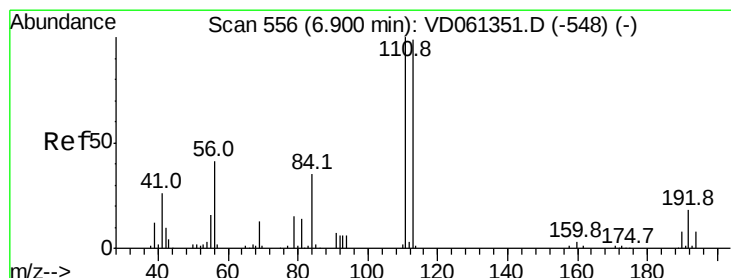
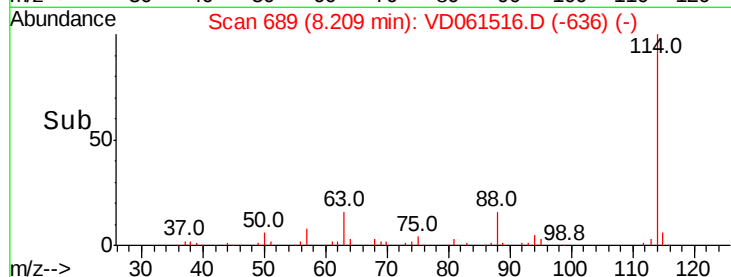
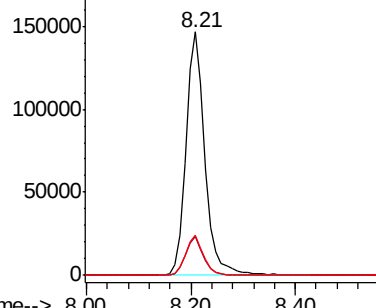
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061516.D
 Acq: 2 Apr 2019 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB201R-GW-758-760

Tot Ion:114 Resp: 367278
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.6
 88 16.4 0.0 33.4

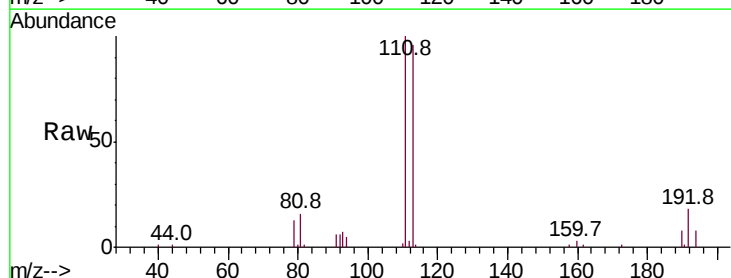


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

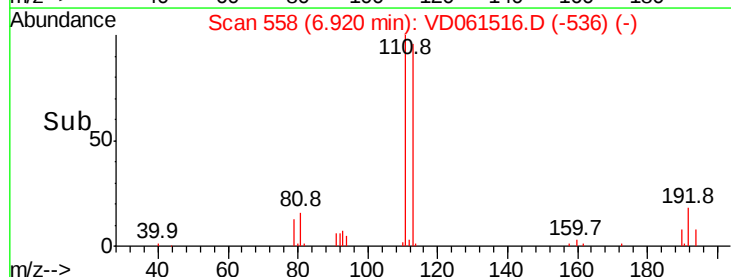
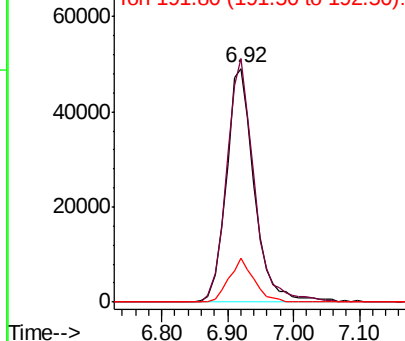


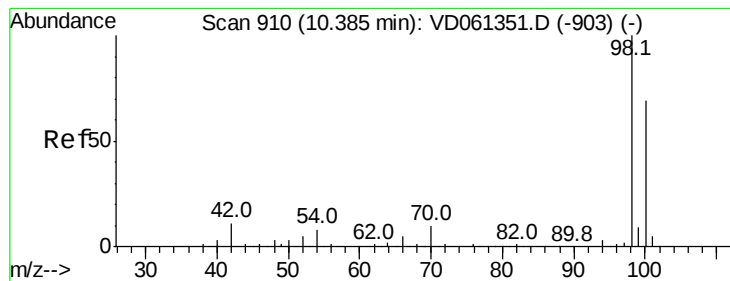
#35
 Dibromofluoromethane
 Concen: 51.857 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061516.D
 Acq: 2 Apr 2019 16:06

Tgt Ion:113 Resp: 145546
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.0 121.6
 192 18.6 14.4 21.6



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: 43.624 ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.01 min

Lab File: VD061516.D

Acq: 2 Apr 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

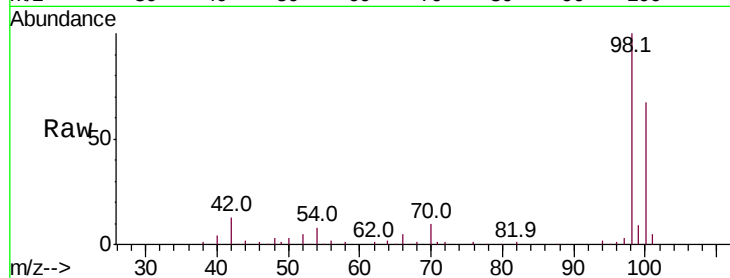
BP-VPB201R-GW-758-760

Tot Ion: 98 Resp: 293661

Ion Ratio Lower Upper

98 100

100 67.4 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

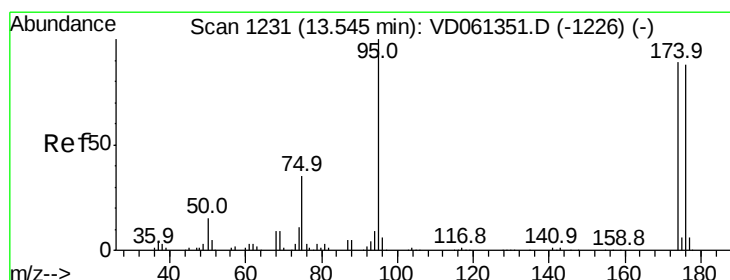
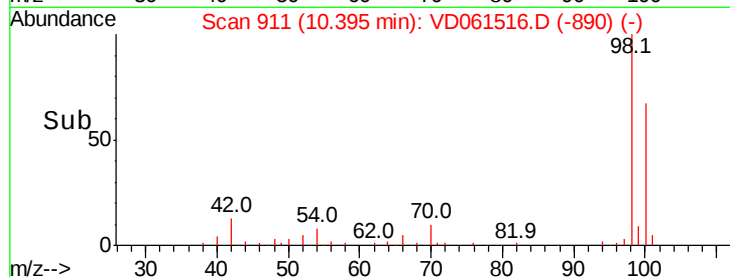
10.39

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.134 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VD061516.D

Acq: 2 Apr 2019 16:06

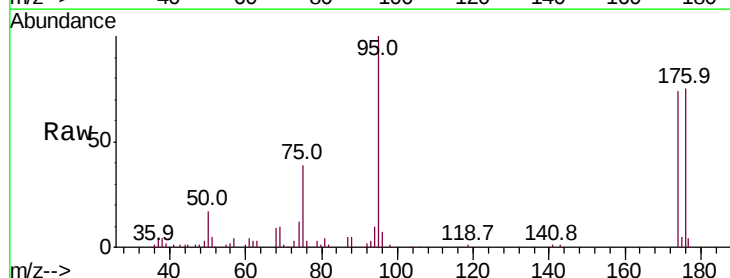
Tgt Ion: 95 Resp: 113928

Ion Ratio Lower Upper

95 100

174 74.2 0.0 178.0

176 74.7 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

13.55

100000

80000

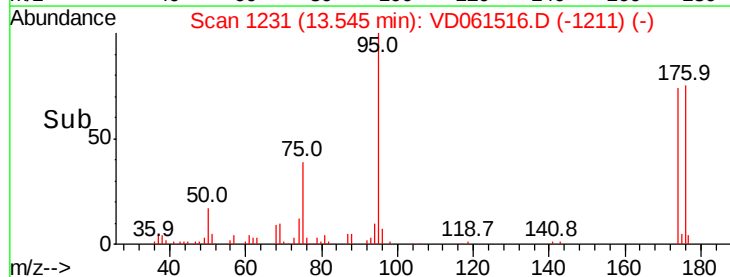
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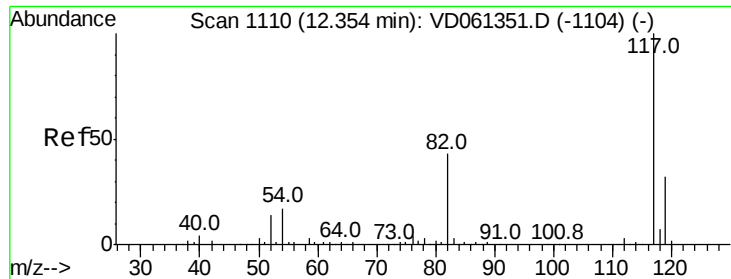
40000

20000

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Time-->

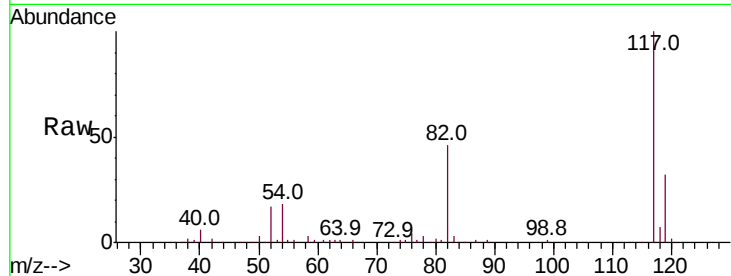




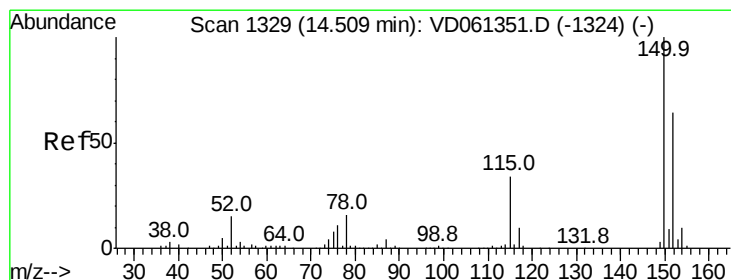
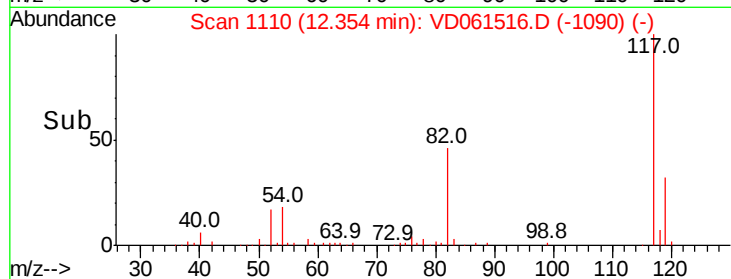
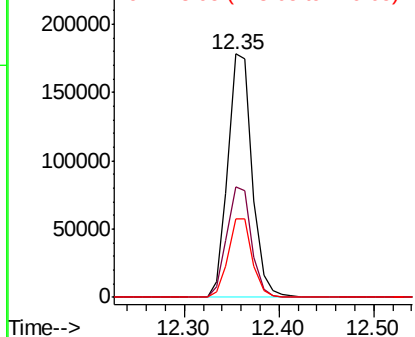
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VD061516.D
 Acq: 2 Apr 2019 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB201R-GW-758-760

Tot Ion:117 Resp: 316759
 Ion Ratio Lower Upper
 117 100
 82 45.5 34.4 51.6
 119 32.3 25.8 38.6

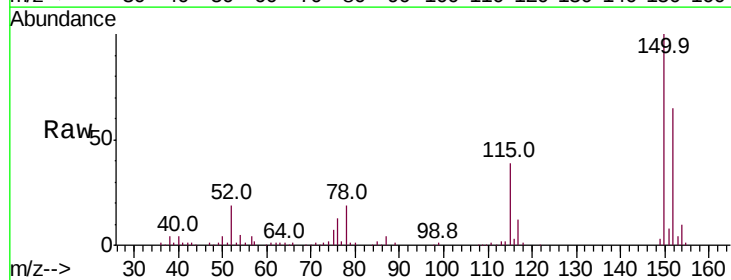


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VD061516.D
 Acq: 2 Apr 2019 16:06

Tgt Ion:152 Resp: 125578
 Ion Ratio Lower Upper
 152 100
 115 60.2 26.9 80.6
 150 154.3 0.0 318.0



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

