

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061513.D
 Acq On : 2 Apr 2019 14:43
 Operator : VA/AP
 Sample : K2189-10
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Apr 03 02:15:38 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

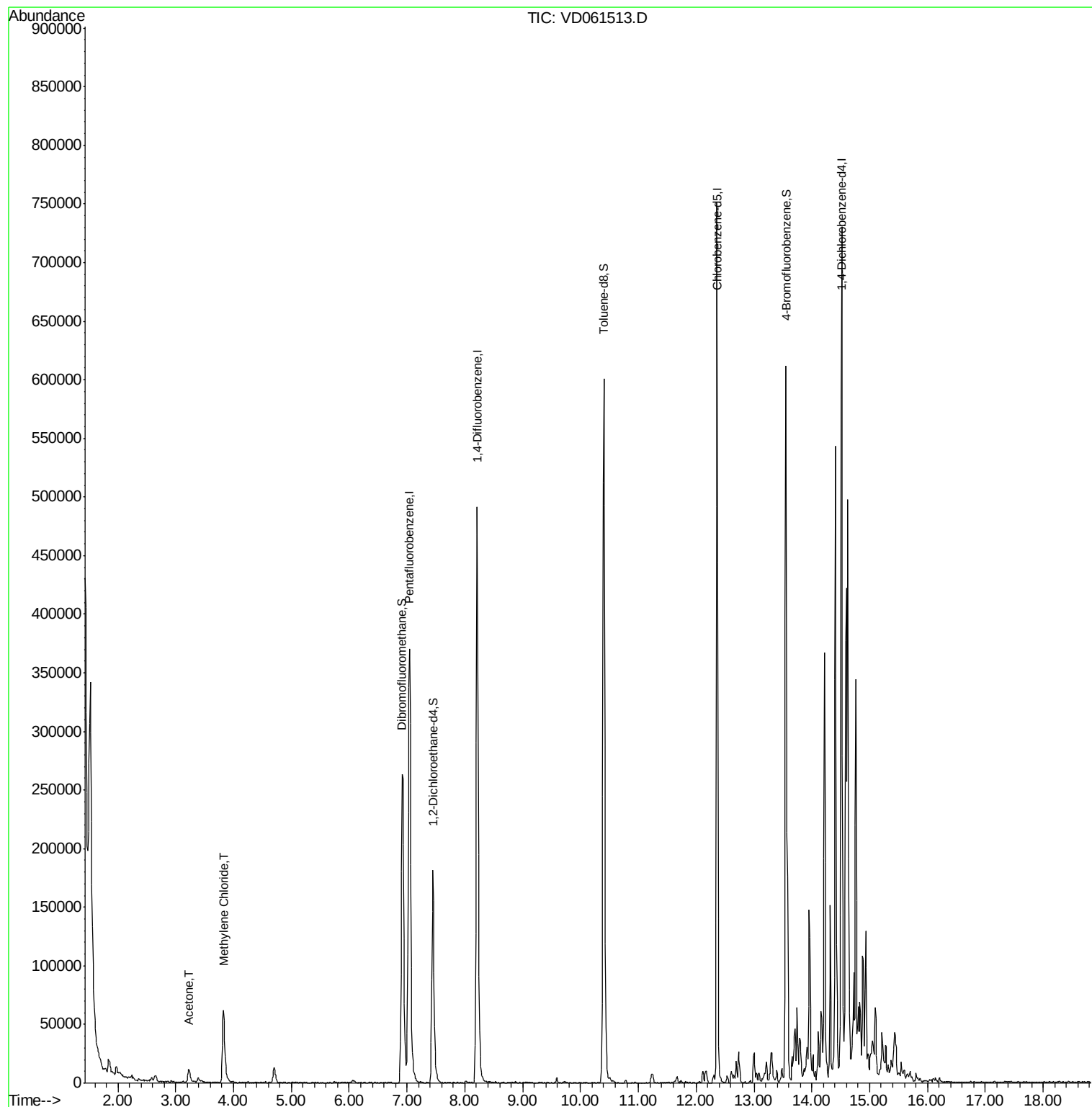
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	385355	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	618501	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	449210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	164472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	178516	54.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.46%	
35) Dibromofluoromethane	6.92	113	264455	55.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.90%	
50) Toluene-d8	10.40	98	557640	49.19	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	13.55	95	178661	41.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.20%	
Target Compounds						
16) Acetone	3.22	43	25959	30.676	ug/l	92
20) Methylene Chloride	3.83	84	49532	8.869	ug/l	97

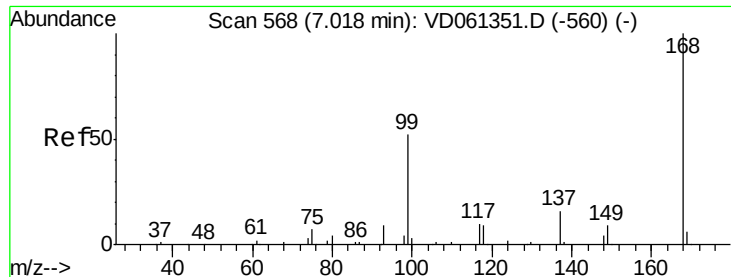
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061513.D

Acq: 2 Apr 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

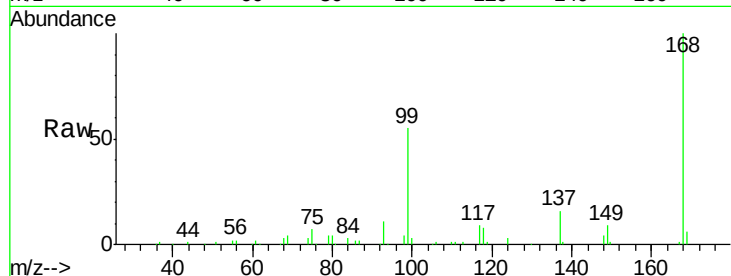
BP-VPB201R-GW-758-760

Tot Ion:168 Resp: 385355

Ion Ratio Lower Upper

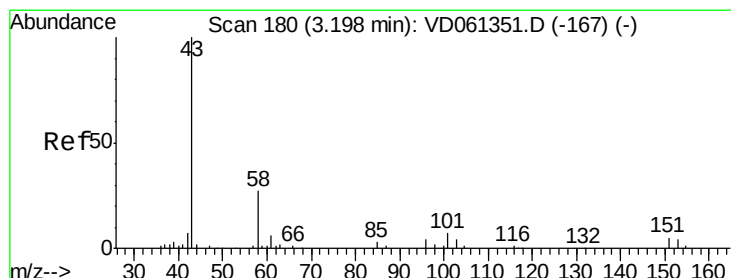
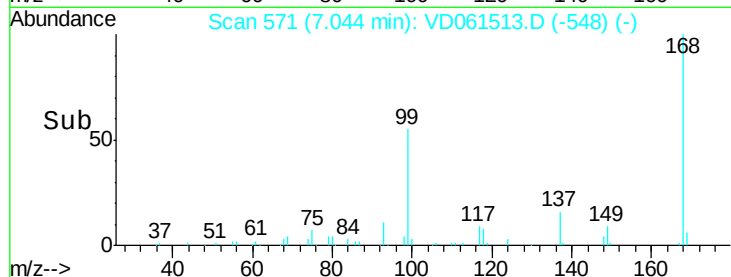
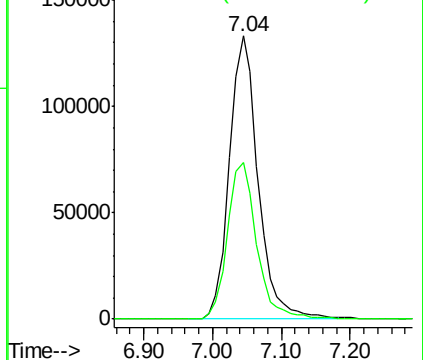
168 100

99 55.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 30.676 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061513.D

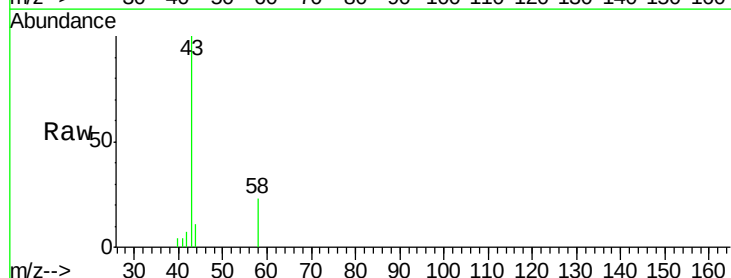
Acq: 2 Apr 2019 14:43

Tgt Ion: 43 Resp: 25959

Ion Ratio Lower Upper

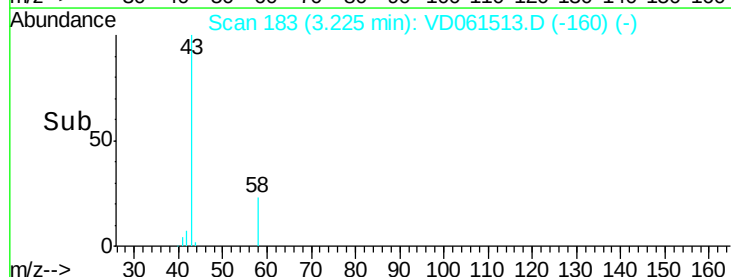
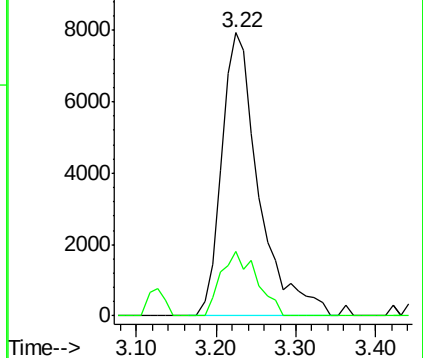
43 100

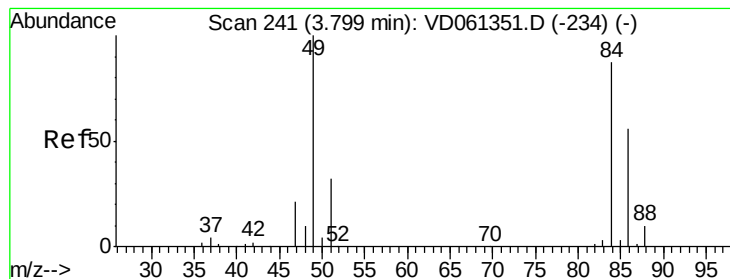
58 22.6 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 8.869 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD061513.D

Acq: 2 Apr 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB201R-GW-758-760

Tot Ion: 84 Resp: 49532

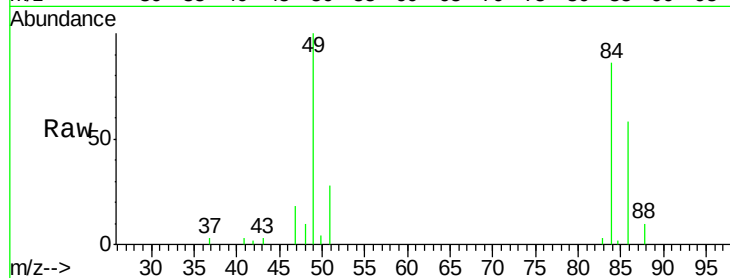
Ion Ratio Lower Upper

84 100

49 115.8 91.8 137.8

51 32.1 29.8 44.8

86 67.6 51.8 77.6

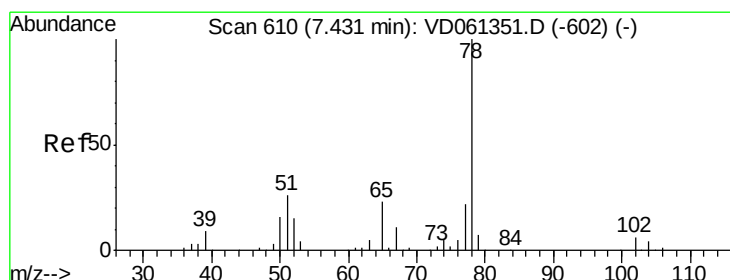
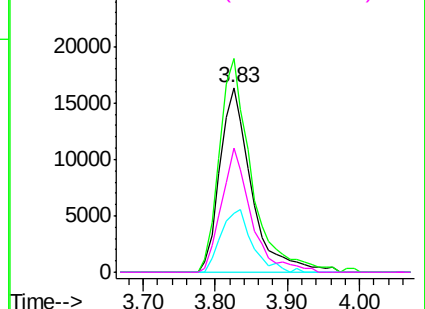
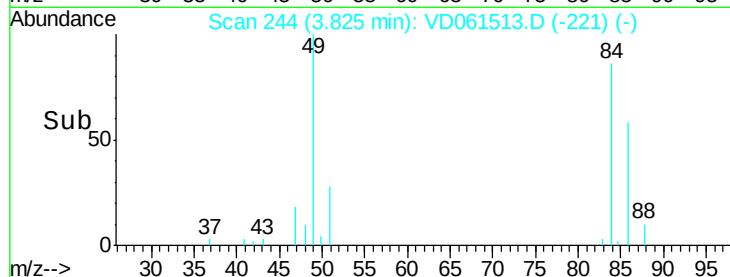


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061513.D

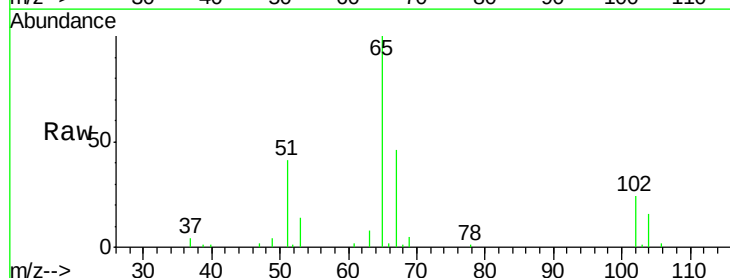
Acq: 2 Apr 2019 14:43

Tgt Ion: 65 Resp: 178516

Ion Ratio Lower Upper

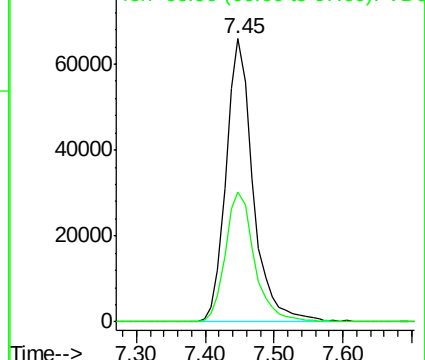
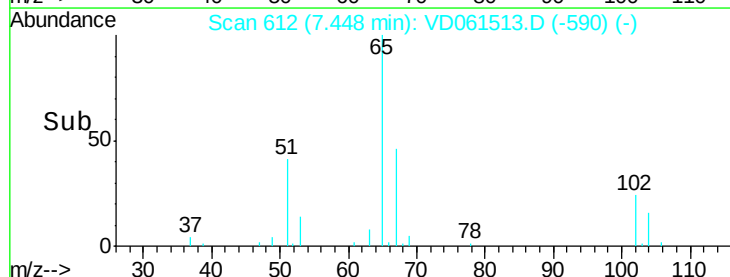
65 100

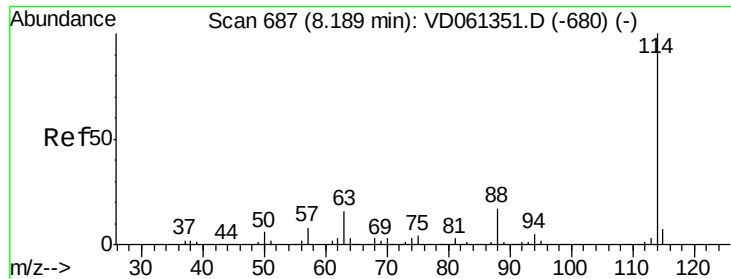
67 45.9 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

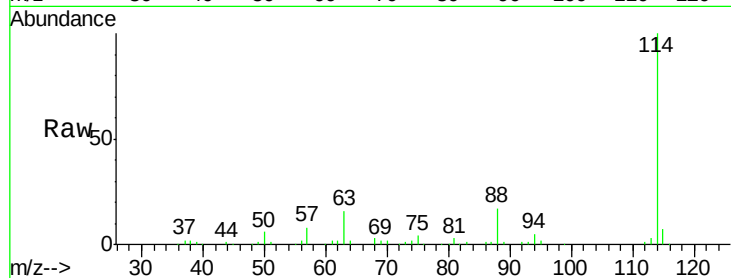




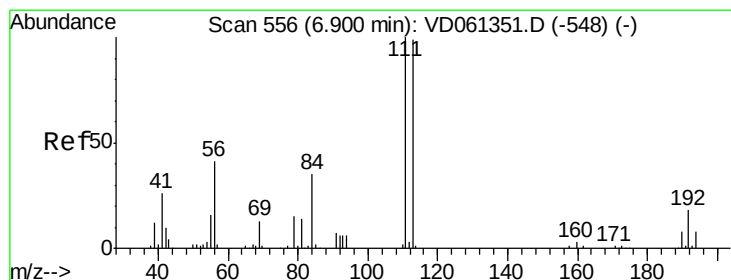
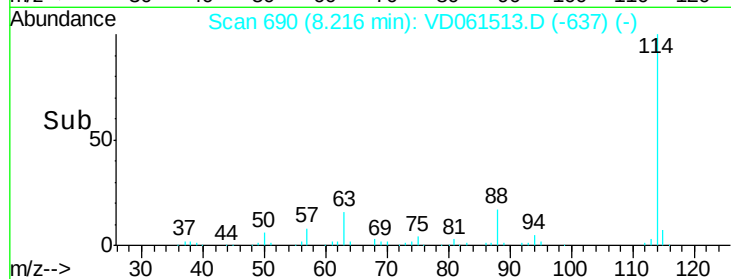
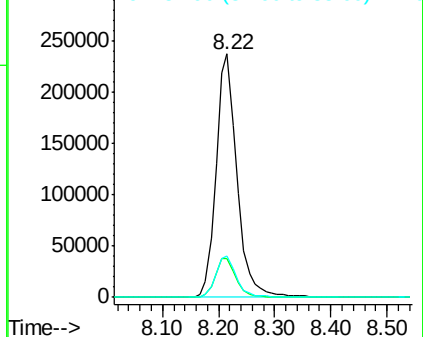
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061513.D
 Acq: 2 Apr 2019 14:43

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

Tot Ion:114 Resp: 618501
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 16.8 0.0 33.4

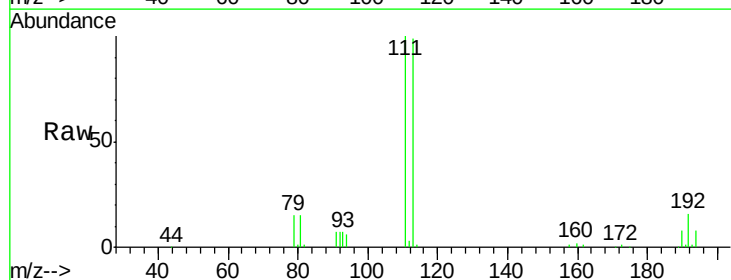


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

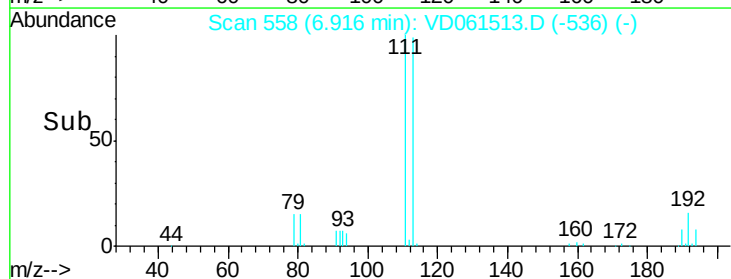
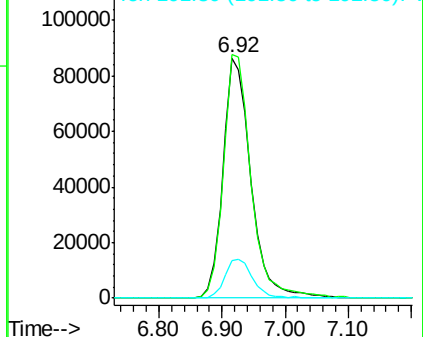


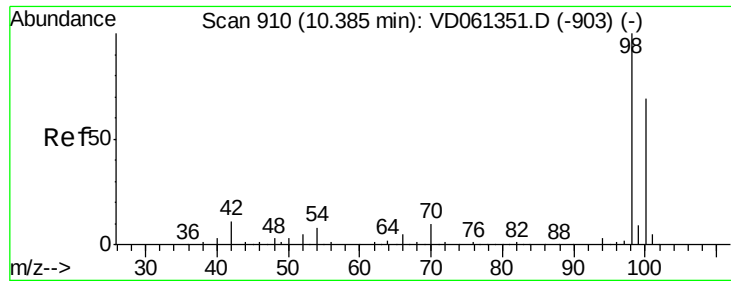
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061513.D
 Acq: 2 Apr 2019 14:43

Tgt Ion:113 Resp: 264455
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.0 121.6
 192 15.8 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: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.02 min

Lab File: VD061513.D

Acq: 2 Apr 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

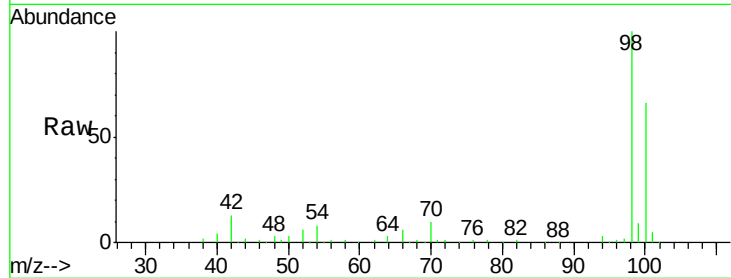
BP-VPB201R-GW-758-760

Tot Ion: 98 Resp: 557640

Ion Ratio Lower Upper

98 100

100 66.3 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) (-)

250000

200000

150000

100000

50000

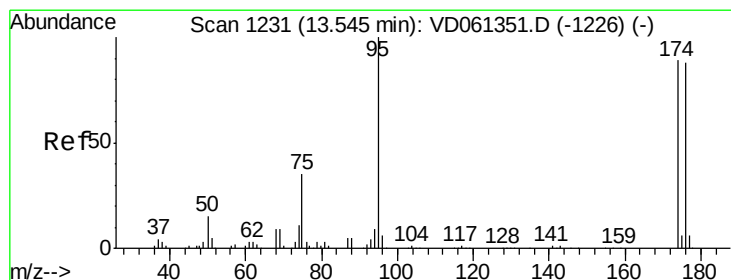
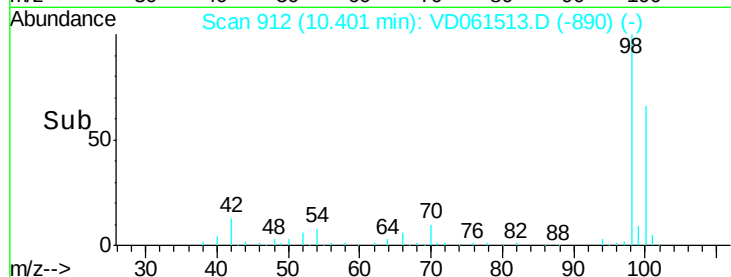
0

10.30

10.40

10.50

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061513.D

Acq: 2 Apr 2019 14:43

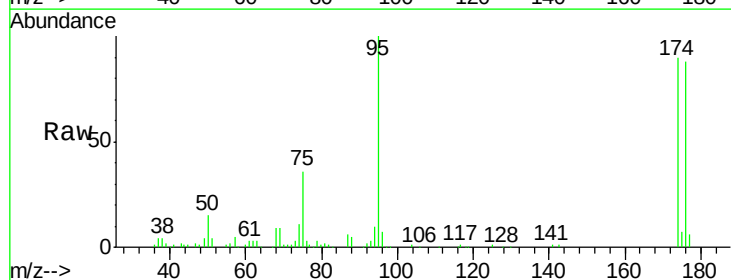
Tgt Ion: 95 Resp: 178661

Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.0

176 88.5 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) (-)

150000

100000

50000

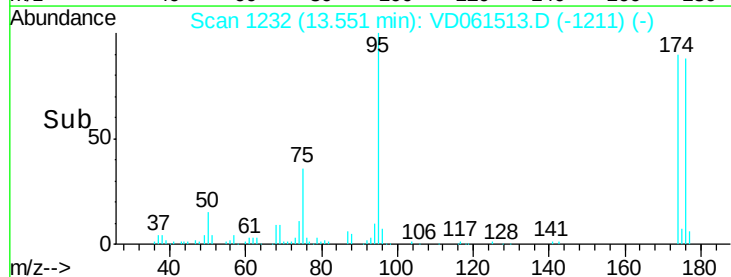
0

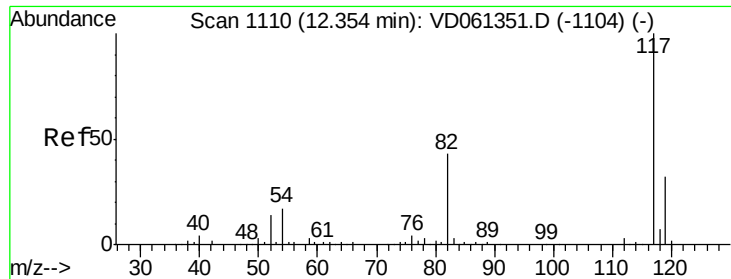
13.50

13.55

13.60

Time-->

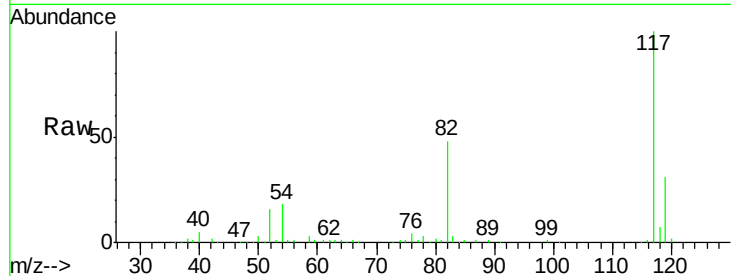




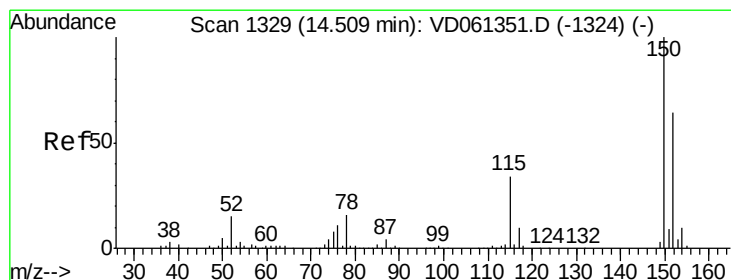
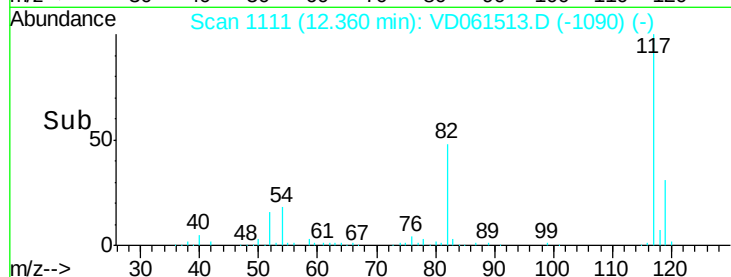
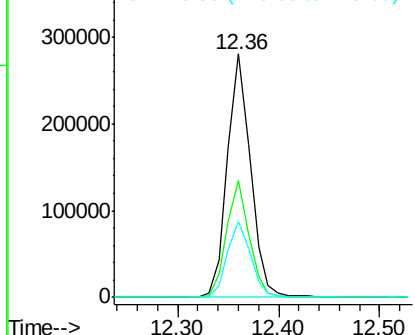
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061513.D
Acq: 2 Apr 2019 14:43

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

Tot Ion:117 Resp: 449210
Ion Ratio Lower Upper
117 100
82 48.1 34.4 51.6
119 31.2 25.8 38.6

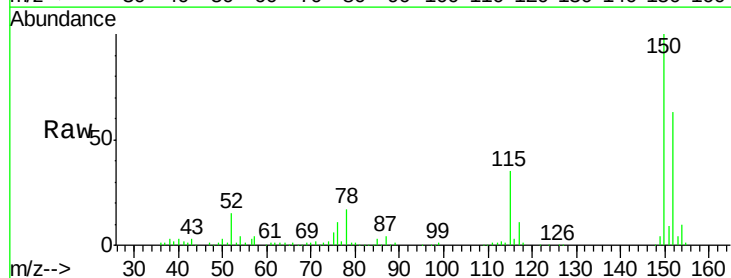


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061513.D
Acq: 2 Apr 2019 14:43

Tgt Ion:152 Resp: 164472
Ion Ratio Lower Upper
152 100
115 55.1 26.9 80.6
150 157.6 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

