

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061648.D
 Acq On : 8 Apr 2019 13:42
 Operator : VA/AP
 Sample : VD0408SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0408SBL01

Quant Time: Apr 09 06:53:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

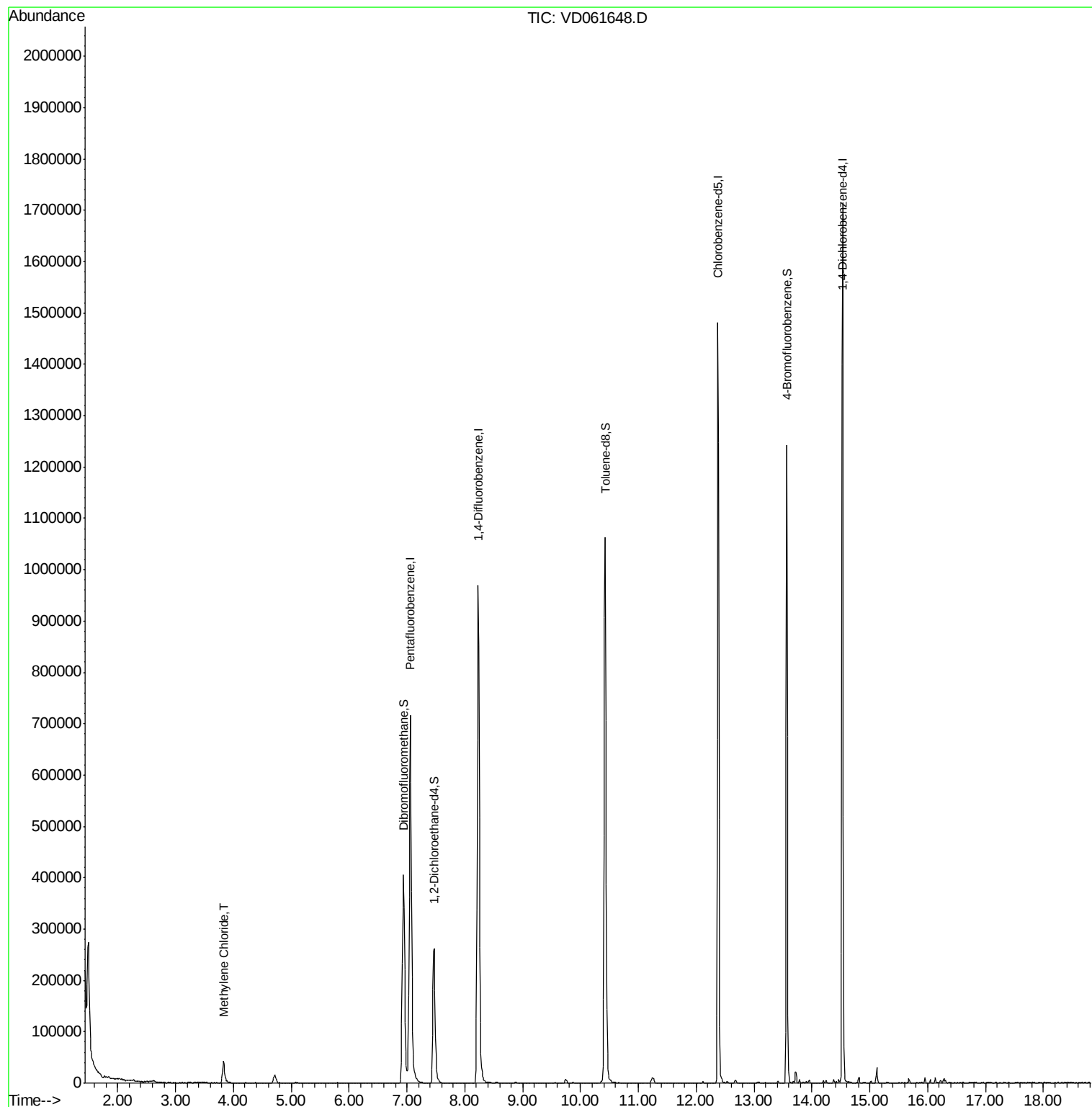
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	708585	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1156143	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	938044	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	424377	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	264672	49.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	6.94	113	386294	48.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.42	98	911769	45.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.62%	
62) 4-Bromofluorobenzene	13.56	95	371417	53.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.44%	
Target Compounds						
20) Methylene Chloride	3.83	84	33198	3.644	ug/l	Qvalue 90

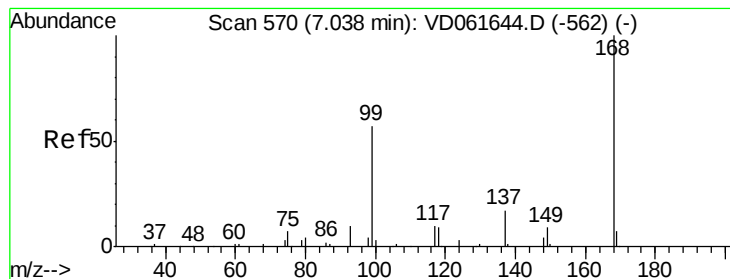
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

Instrument :

MSVOA_D

ClientSampleId :

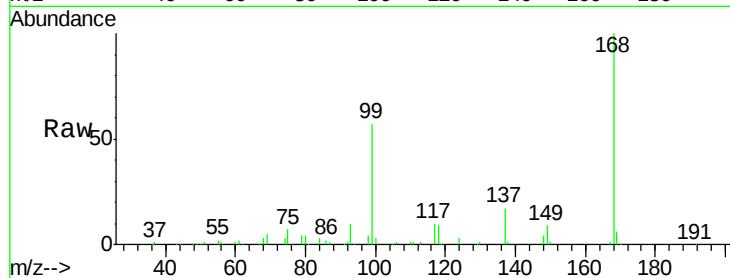
VD0408SBL01

Tot Ion:168 Resp: 708585

Ion Ratio Lower Upper

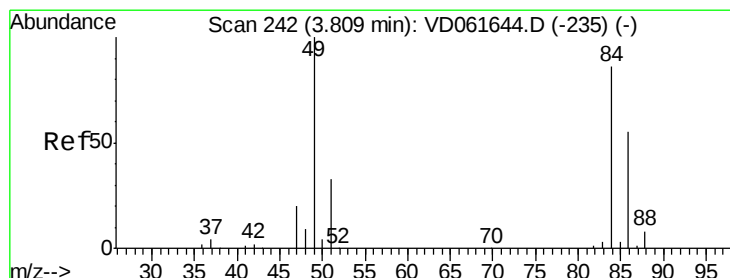
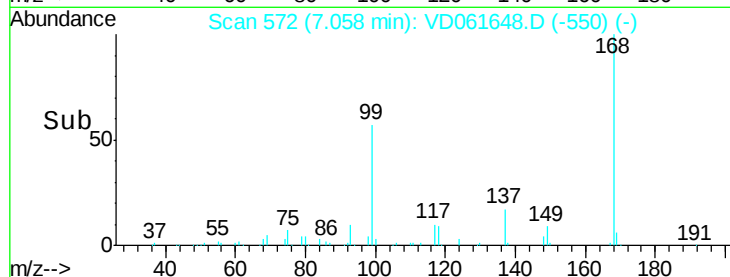
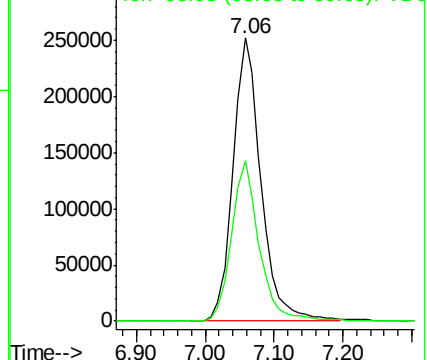
168 100

99 56.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.644 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

Tgt Ion: 84 Resp: 33198

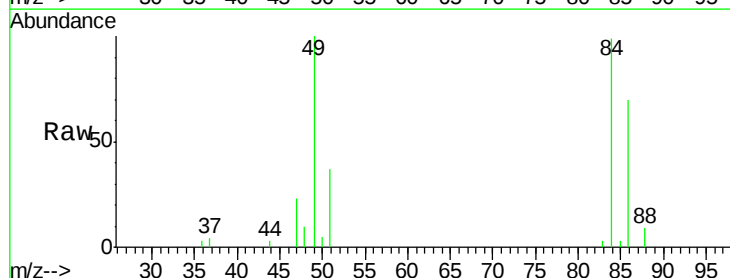
Ion Ratio Lower Upper

84 100

49 101.5 93.0 139.4

51 37.2 30.4 45.6

86 70.6 51.0 76.4

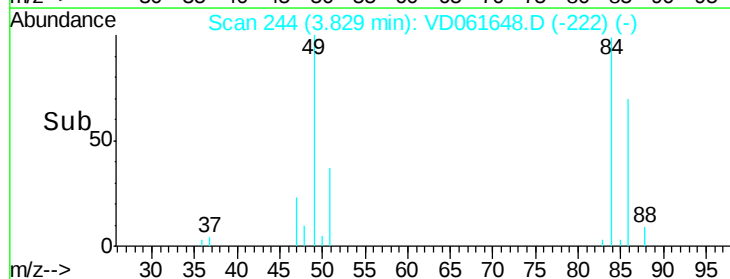
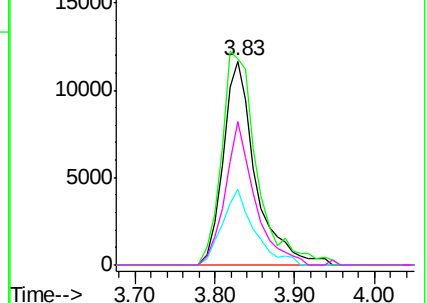


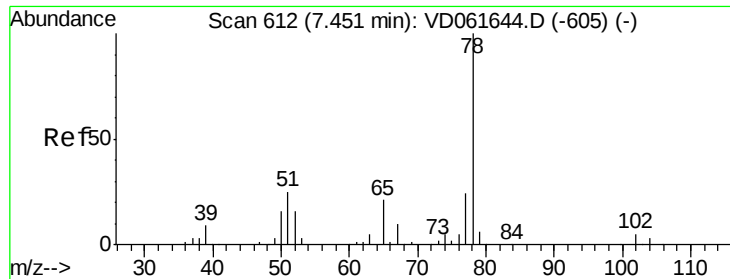
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

Instrument :

MSVOA_D

ClientSampleId :

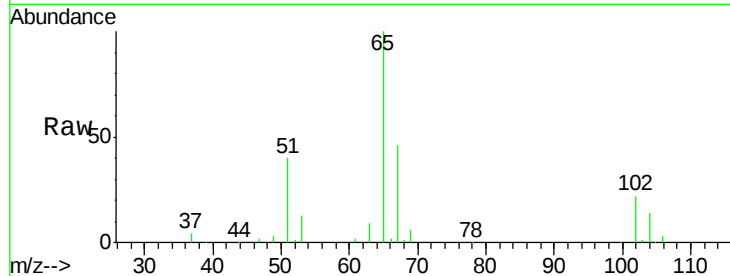
VD0408SBL01

Tot Ion: 65 Resp: 264672

Ion Ratio Lower Upper

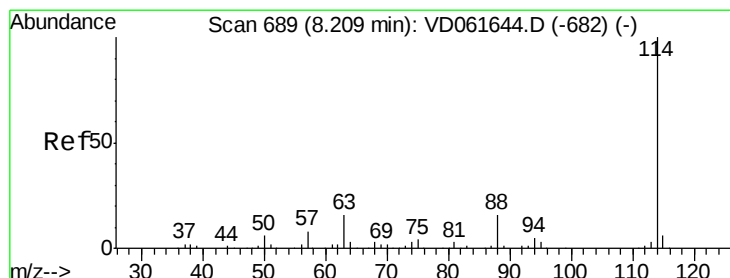
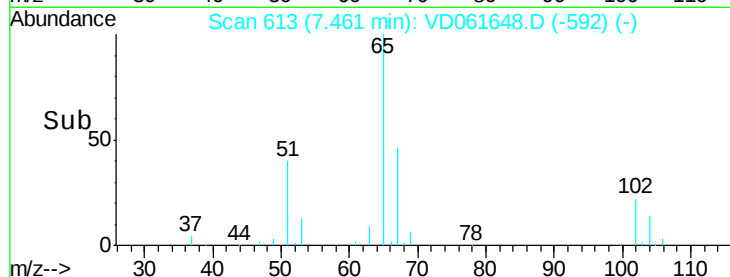
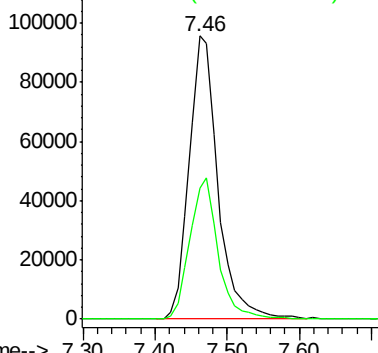
65 100

67 46.2 0.0 99.4



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: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

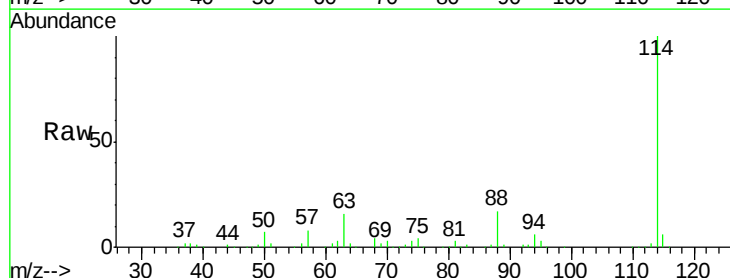
Tgt Ion: 114 Resp: 1156143

Ion Ratio Lower Upper

114 100

63 16.4 0.0 31.2

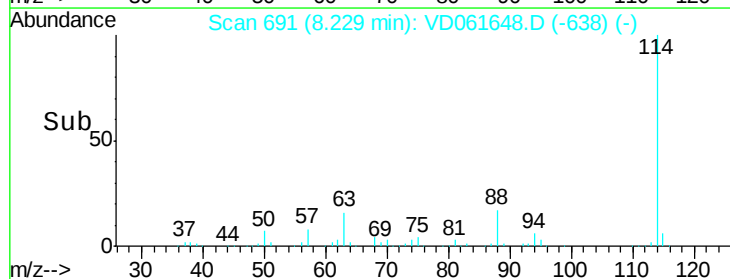
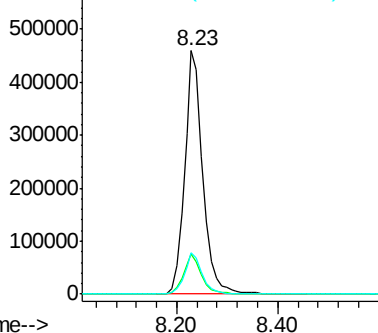
88 17.1 0.0 31.8

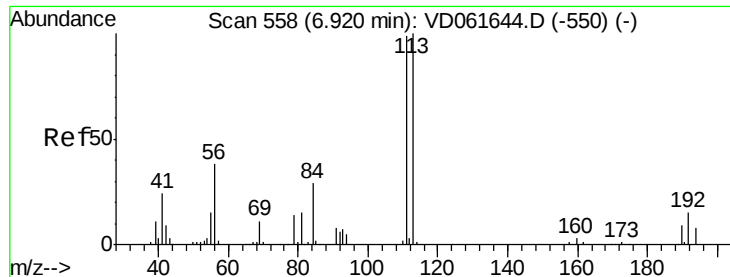


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0408SBL01

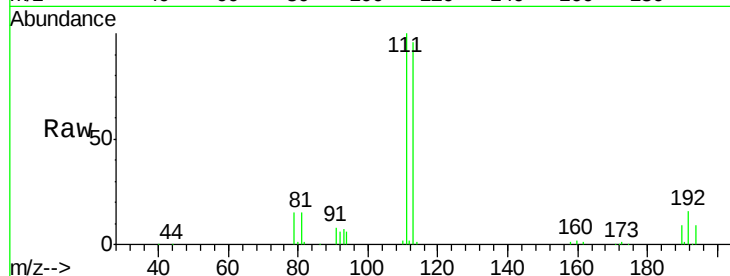
Tot Ion:113 Resp: 386294

Ion Ratio Lower Upper

113 100

111 103.7 79.3 118.9

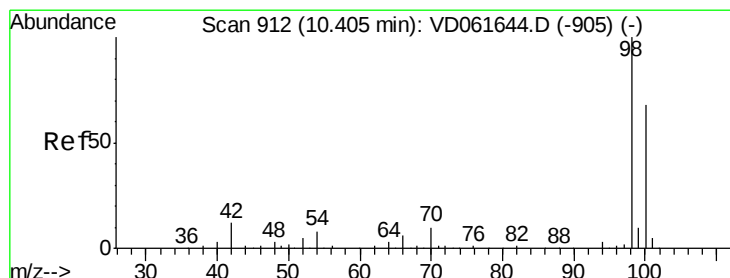
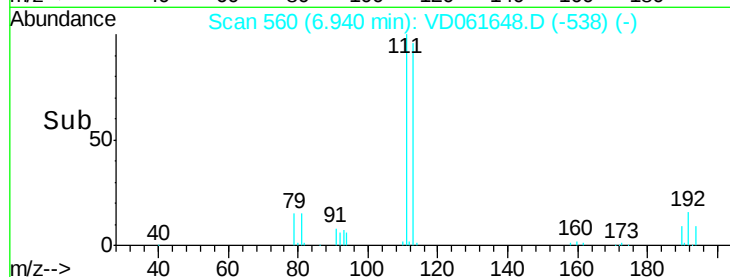
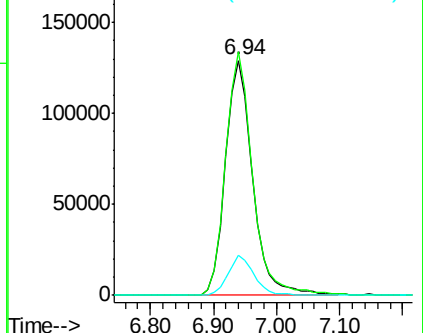
192 17.1 12.3 18.5



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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061648.D

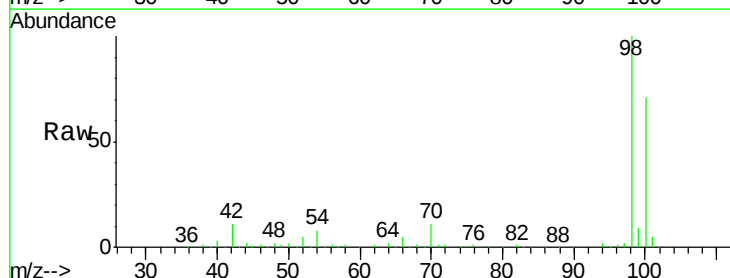
Acq: 8 Apr 2019 13:42

Tgt Ion: 98 Resp: 911769

Ion Ratio Lower Upper

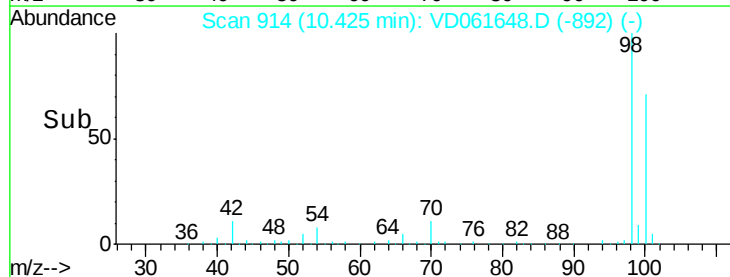
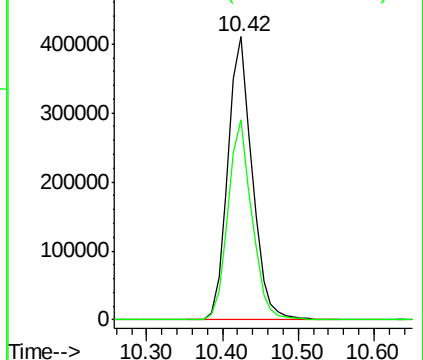
98 100

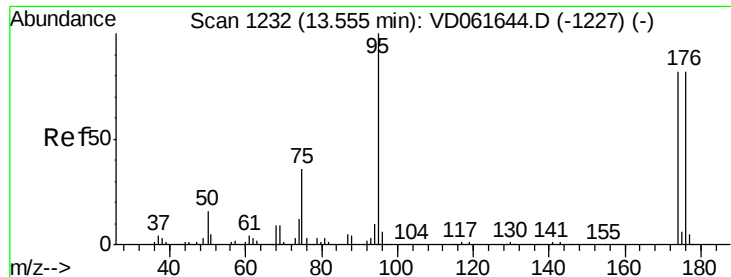
100 70.6 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0408SBL01

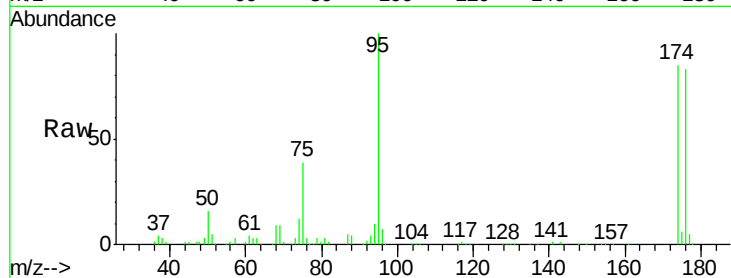
Tot Ion: 95 Resp: 371417

Ion Ratio Lower Upper

95 100

174 85.0 0.0 164.6

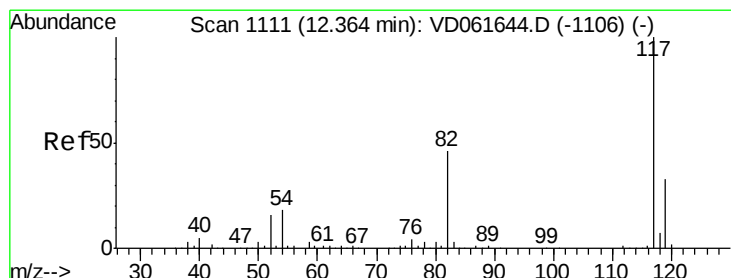
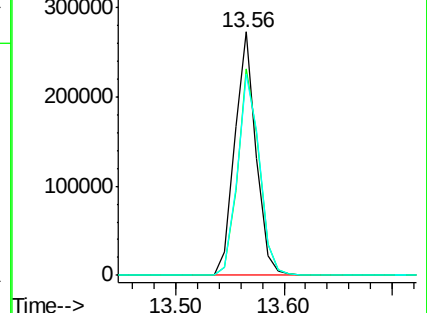
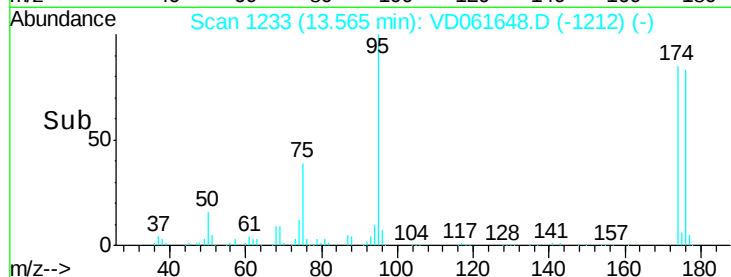
176 82.9 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

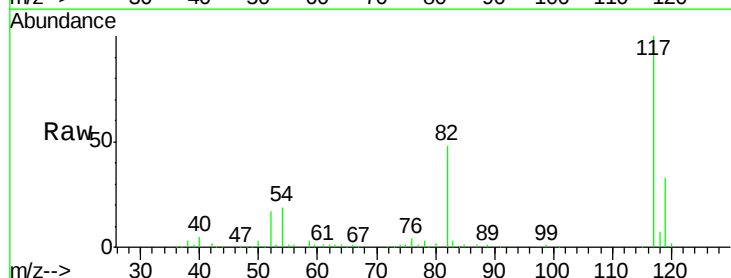
Tgt Ion: 117 Resp: 938044

Ion Ratio Lower Upper

117 100

82 47.6 36.8 55.2

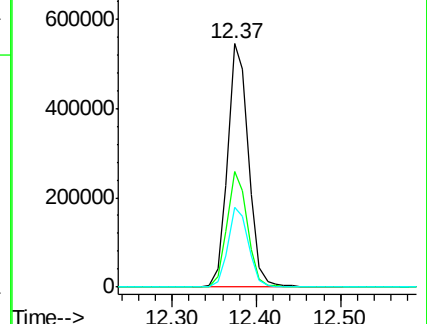
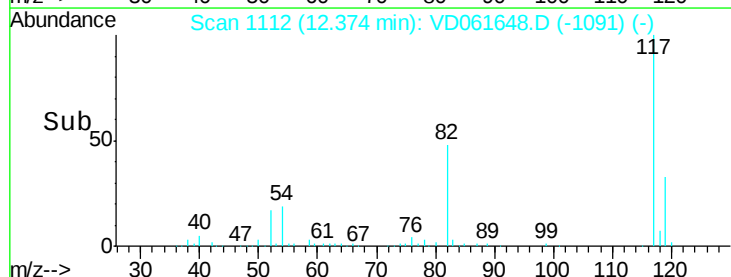
119 32.7 26.1 39.1

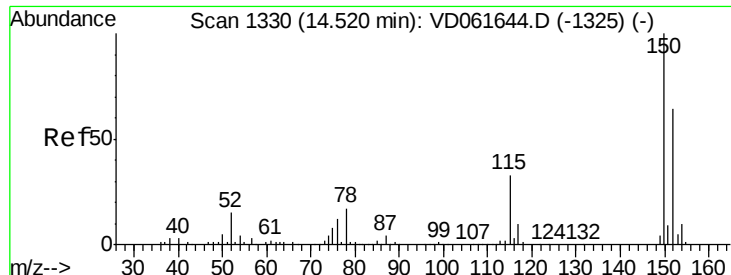


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061648.D
 Acq: 8 Apr 2019 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0408SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.8	26.4	79.2
150	155.1	0.0	320.6

