

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059944.D
 Acq On : 4 Sep 2018 14:53
 Operator : JC/SY
 Sample : VD0904SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBL01

Quant Time: Sep 05 04:17:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

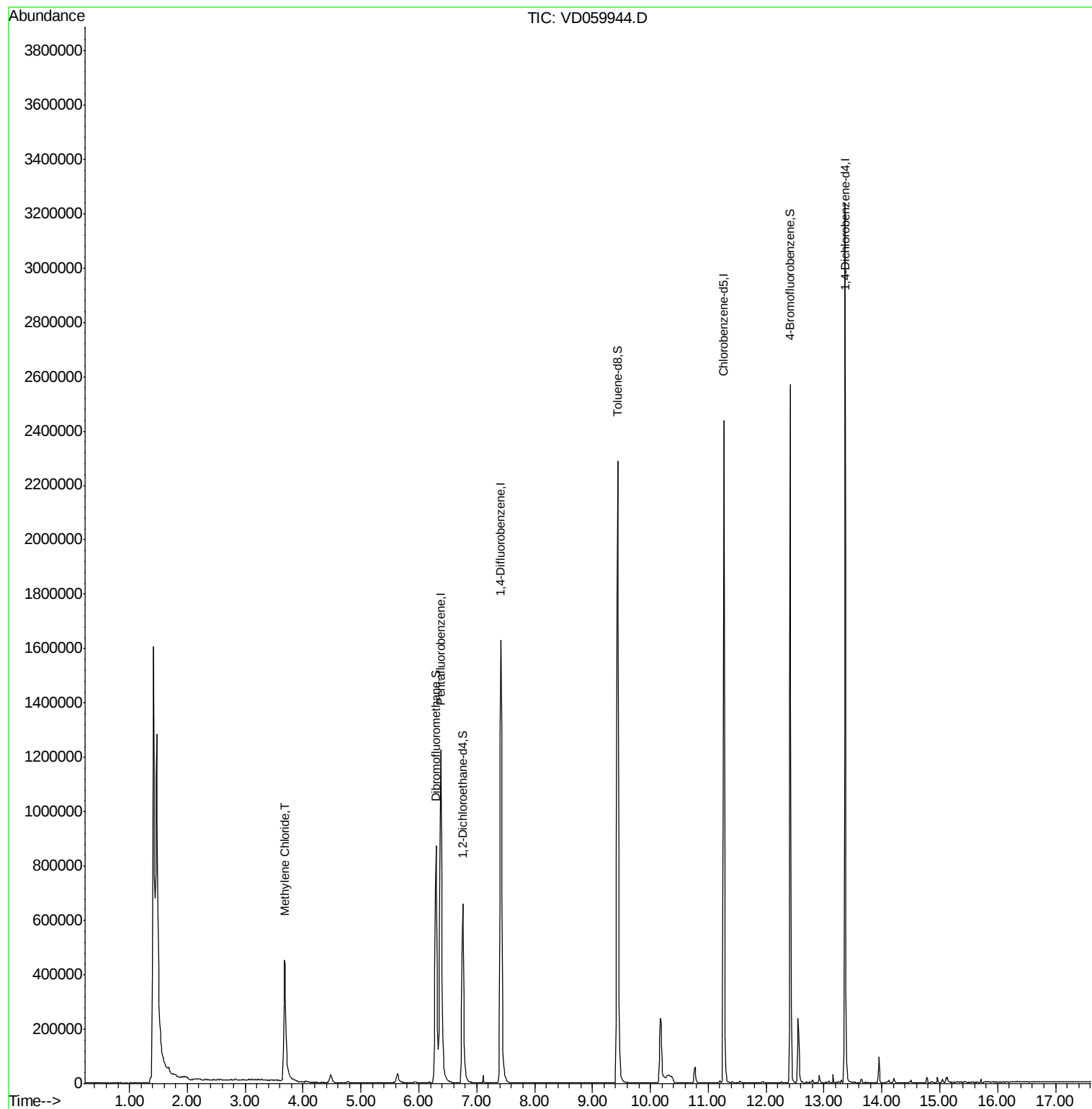
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1199712	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1632865	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.28	117	1358040	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	708631	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	536555	53.06	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	106.12%	
35) Dibromofluoromethane	6.30	113	662249	51.73	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	9.44	98	1794658	50.51	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.42	95	709907	49.20	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.40%	
Target Compounds						
20) Methylene Chloride	3.69	84	265869	19.34	ug/l	Qvalue 98

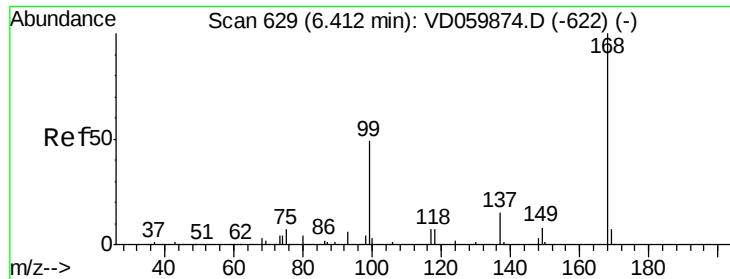
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD059944.D

Acq: 4 Sep 2018 14:53

Instrument :

MSVOA_D

ClientSampleId :

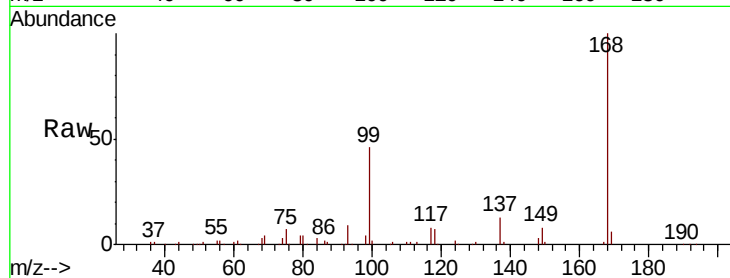
VD0904SBL01

Tot Ion:168 Resp: 1199712

Ion Ratio Lower Upper

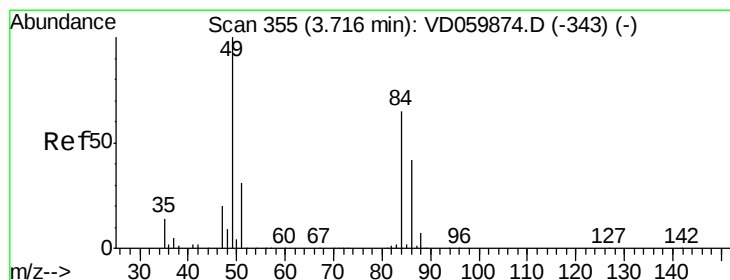
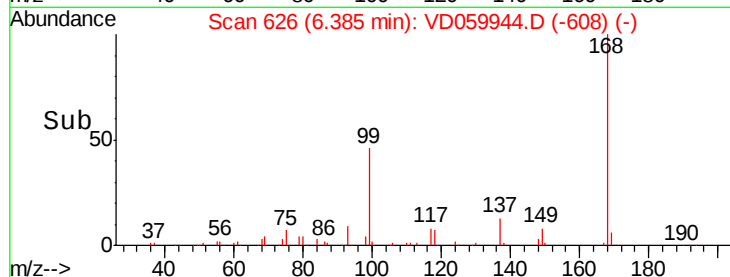
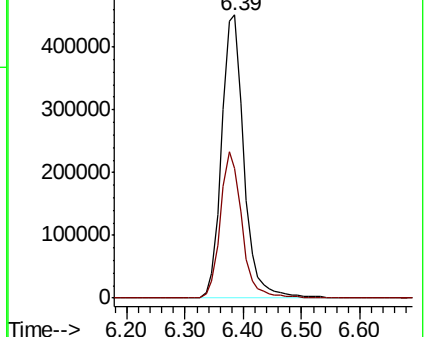
168 100

99 45.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 19.34 ug/l

RT: 3.69 min Scan# 352

Delta R.T. -0.03 min

Lab File: VD059944.D

Acq: 4 Sep 2018 14:53

Tgt Ion: 84 Resp: 265869

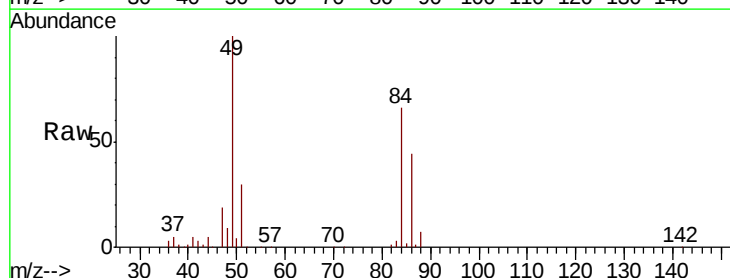
Ion Ratio Lower Upper

84 100

49 151.1 122.6 183.8

51 45.7 38.4 57.6

86 66.0 51.5 77.3

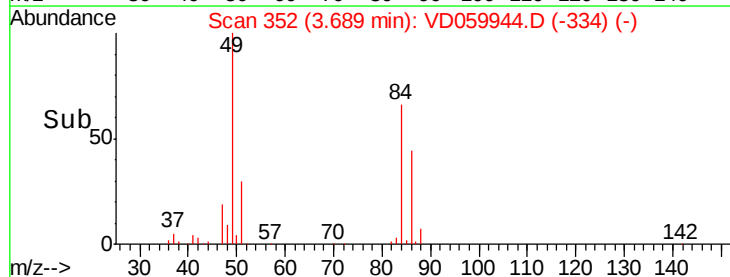
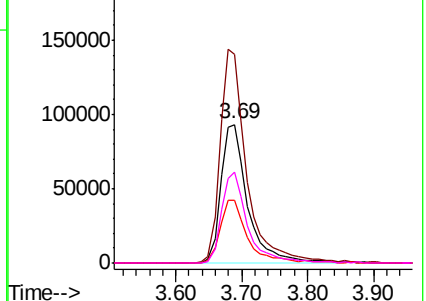


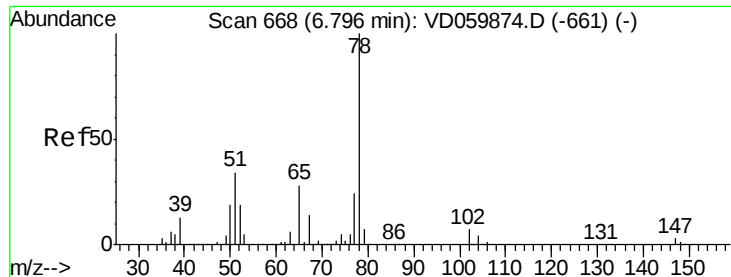
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.76 min Scan# 664

Delta R.T. -0.04 min

Lab File: VD059944.D

Acq: 4 Sep 2018 14:53

Instrument :

MSVOA_D

ClientSampleId :

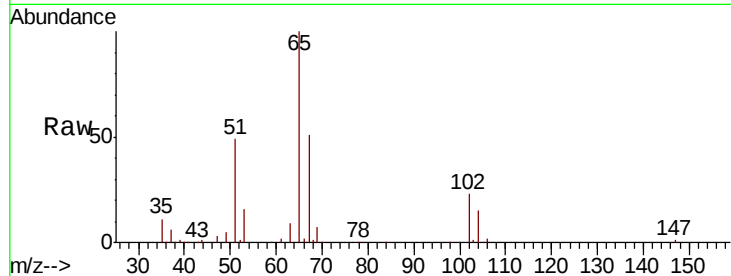
VD0904SBL01

Tot Ion: 65 Resp: 536555

Ion Ratio Lower Upper

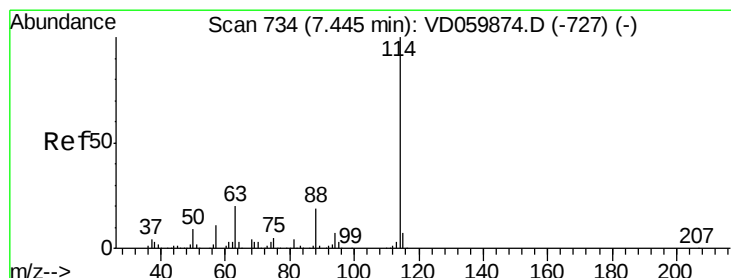
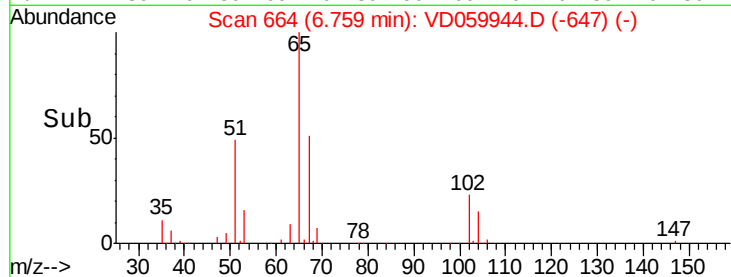
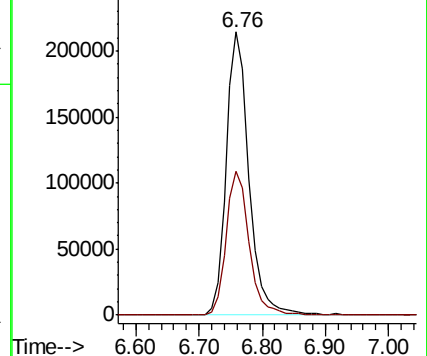
65 100

67 50.7 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.03 min

Lab File: VD059944.D

Acq: 4 Sep 2018 14:53

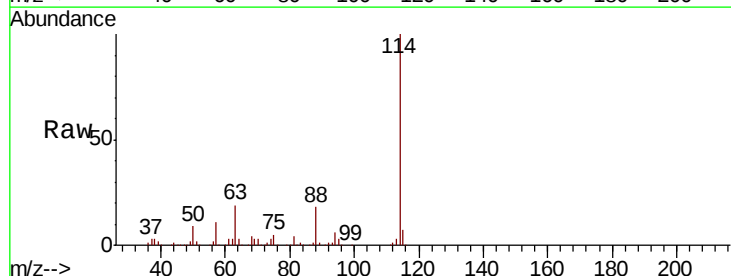
Tgt Ion:114 Resp: 1632865

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.4

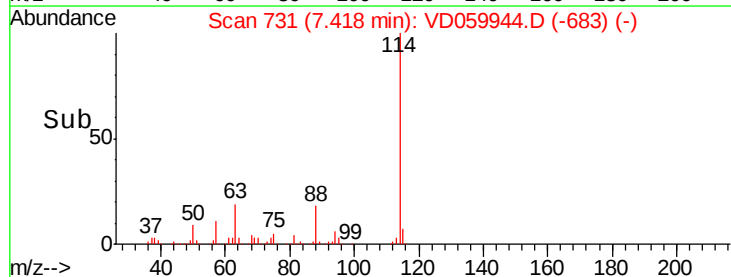
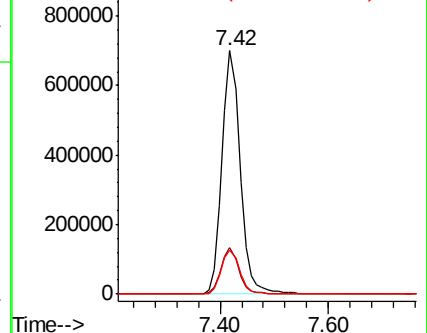
88 18.2 0.0 37.6

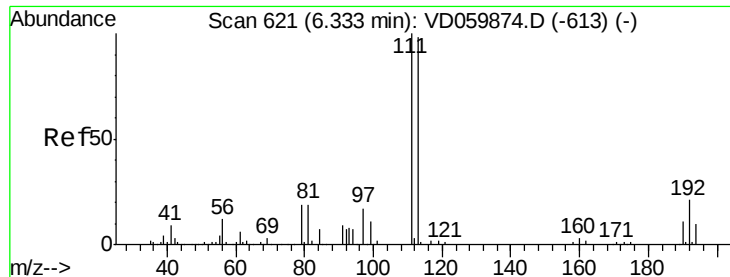


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.04 min

Lab File: VD059944.D

Acq: 4 Sep 2018 14:53

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBL01

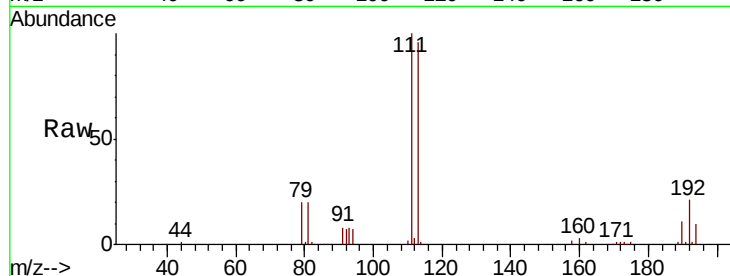
Tot Ion:113 Resp: 662249

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.2

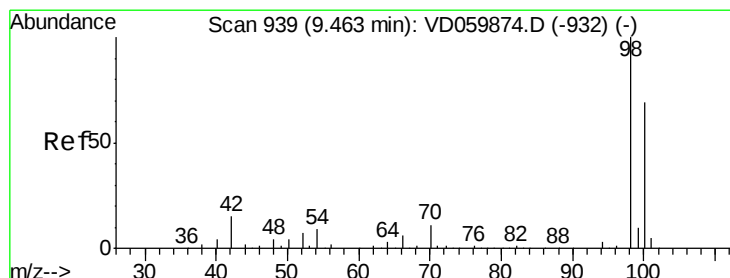
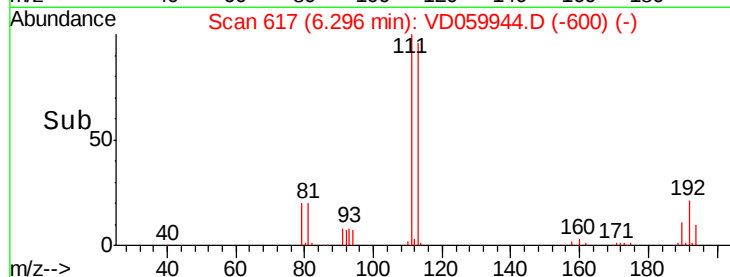
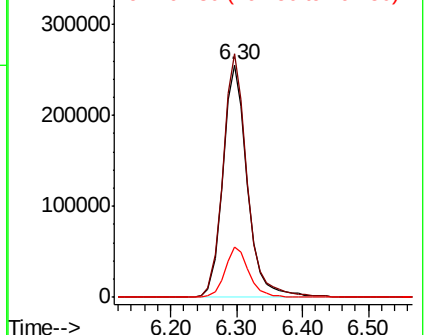
192 21.5 17.0 25.6



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: 9.44 min Scan# 936

Delta R.T. -0.03 min

Lab File: VD059944.D

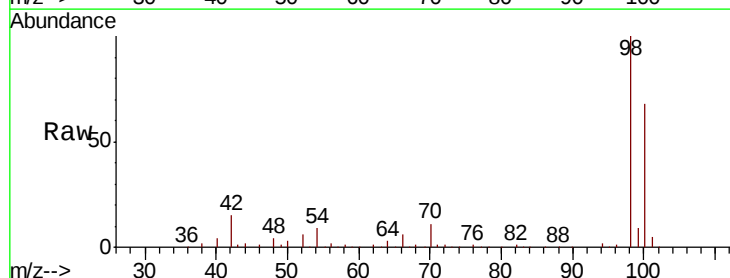
Acq: 4 Sep 2018 14:53

Tgt Ion: 98 Resp: 1794658

Ion Ratio Lower Upper

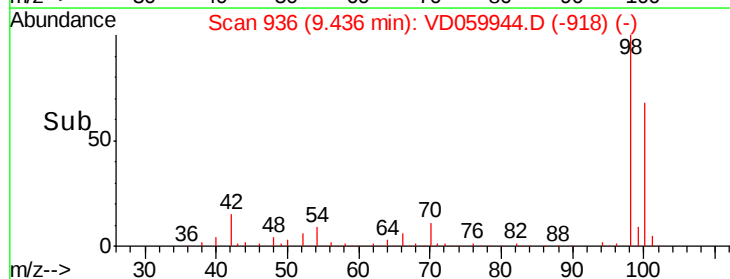
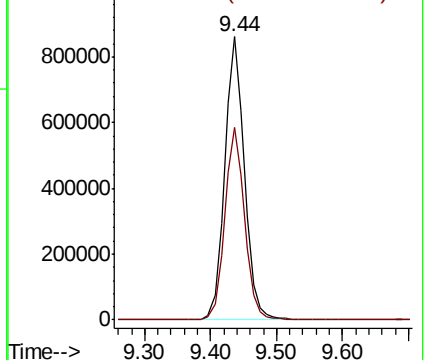
98 100

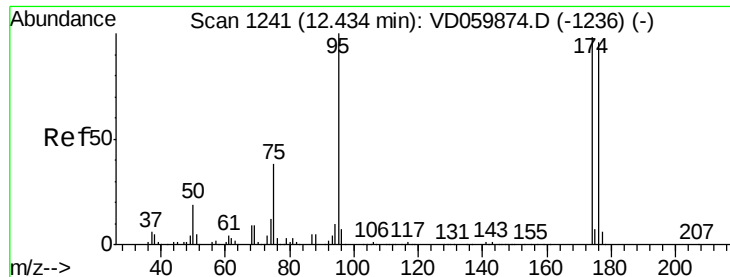
100 68.0 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059944.D

Acq: 4 Sep 2018 14:53

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBL01

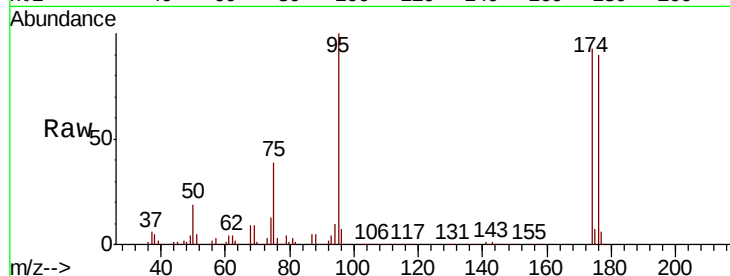
Tot Ion: 95 Resp: 709907

Ion Ratio Lower Upper

95 100

174 92.8 0.0 195.6

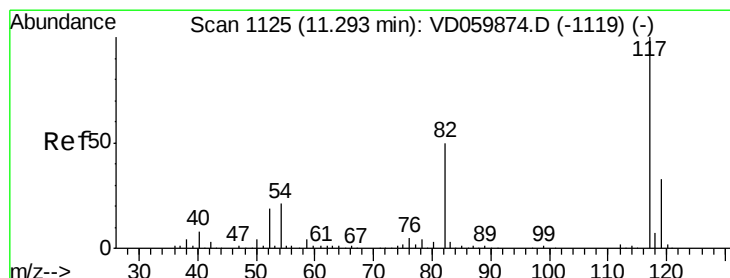
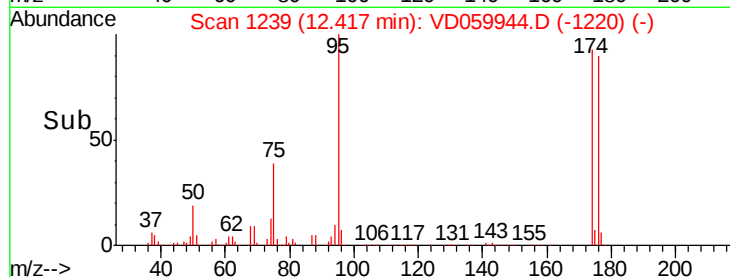
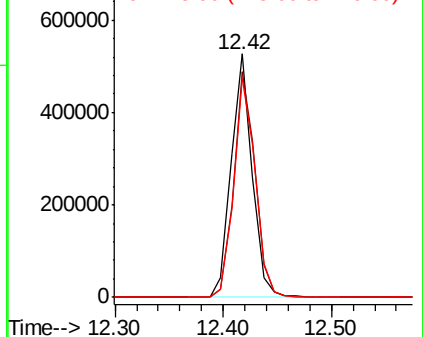
176 90.1 0.0 191.2



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: 50.00 ug/l

RT: 11.28 min Scan# 1123

Delta R.T. -0.02 min

Lab File: VD059944.D

Acq: 4 Sep 2018 14:53

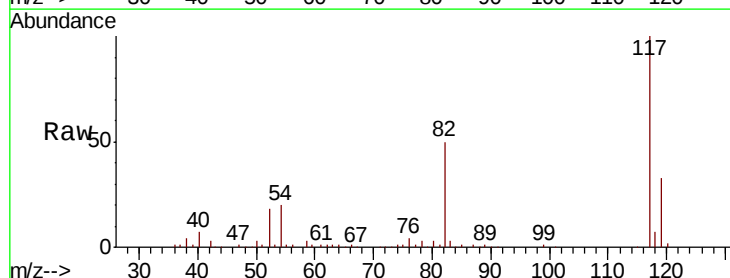
Tgt Ion: 117 Resp: 1358040

Ion Ratio Lower Upper

117 100

82 49.9 40.1 60.1

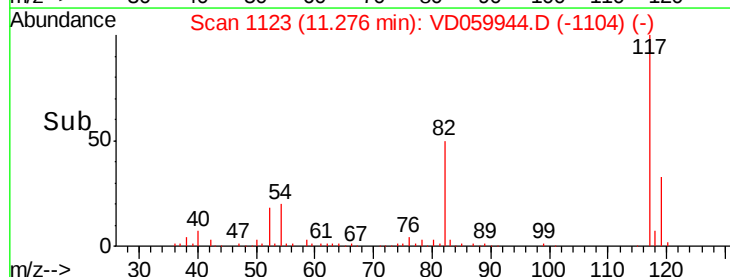
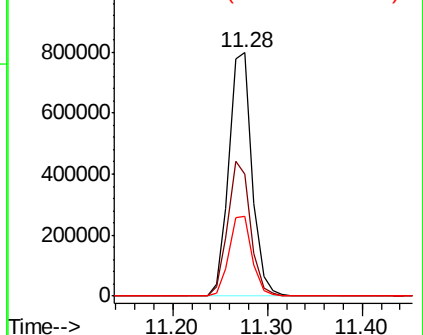
119 32.5 26.7 40.1

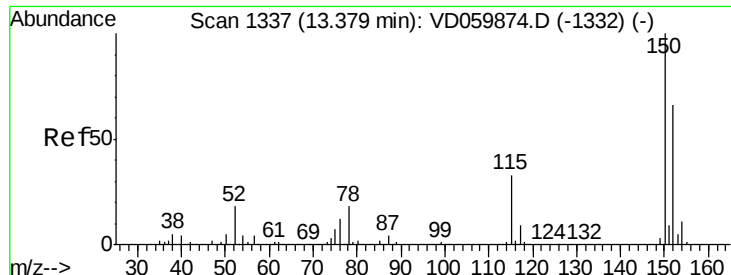


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.36 min Scan# 1335

Delta R.T. -0.02 min

Lab File: VD059944.D

Acq: 4 Sep 2018 14:53

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBL01

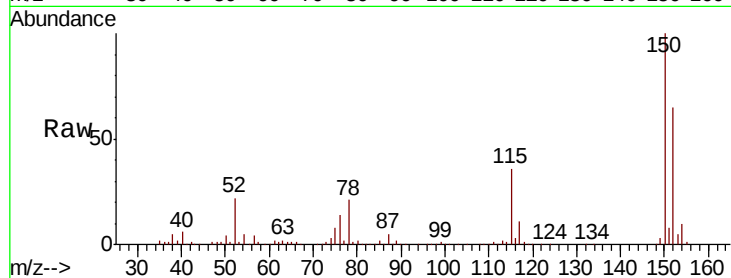
Tot Ion:152 Resp: 708631

Ion Ratio Lower Upper

152 100

115 55.0 25.7 77.0

150 154.8 0.0 310.2



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

