

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059961.D
 Acq On : 5 Sep 2018 11:12
 Operator : JC/SY
 Sample : VD0905SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0905SBL01

Quant Time: Sep 05 15:02:34 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	6.38	168	1264962	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1723626	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1457683	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	783706	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	574229	53.86	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	107.72%	
35) Dibromofluoromethane	6.29	113	726941	53.79	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	107.58%	
50) Toluene-d8	9.44	98	1966192	52.43	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.41	95	777333	51.03	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	102.06%	

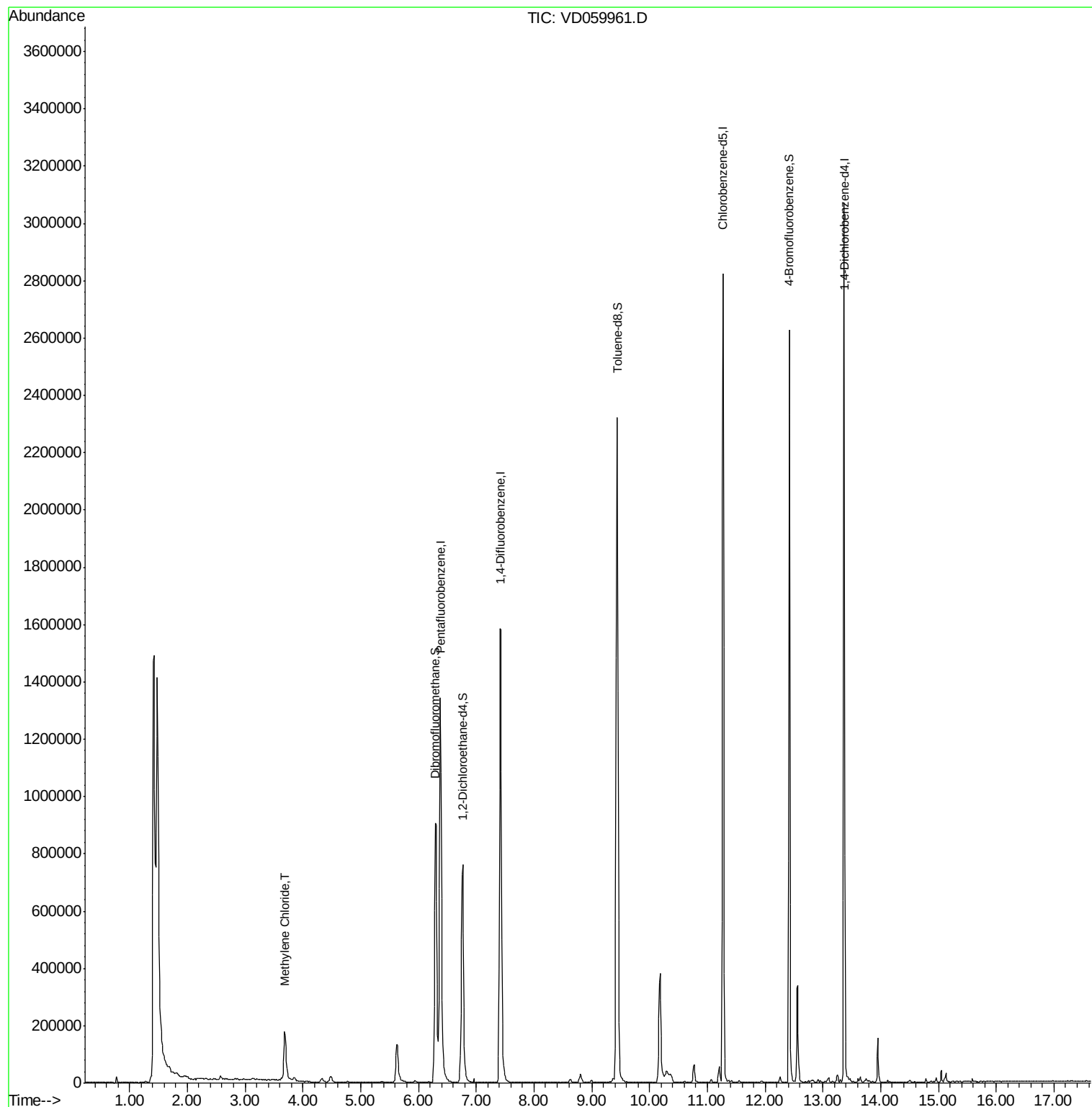
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.69	84	104242	4.67	ug/l	98

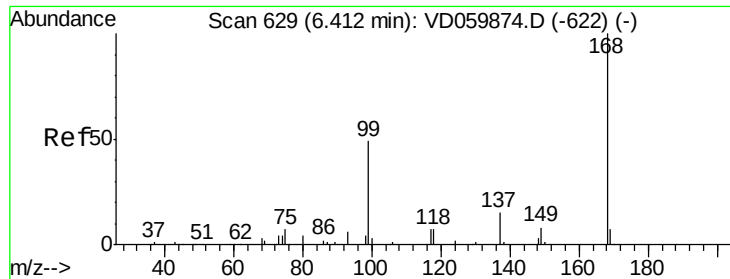
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Sep 05 15:02:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD059961.D

Acq: 5 Sep 2018 11:12

Instrument :

MSVOA_D

ClientSampleId :

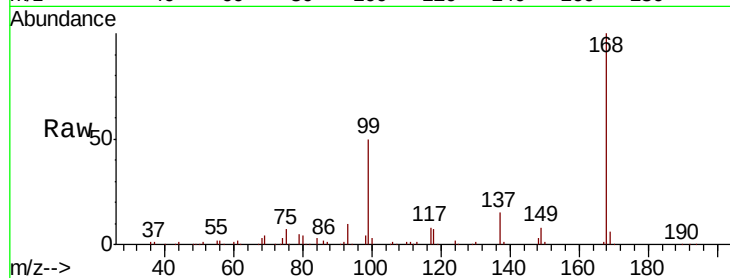
VD0905SBL01

Tot Ion:168 Resp: 1264962

Ion Ratio Lower Upper

168 100

99 50.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

500000

400000

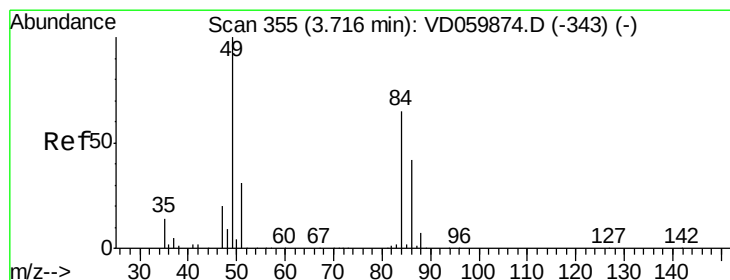
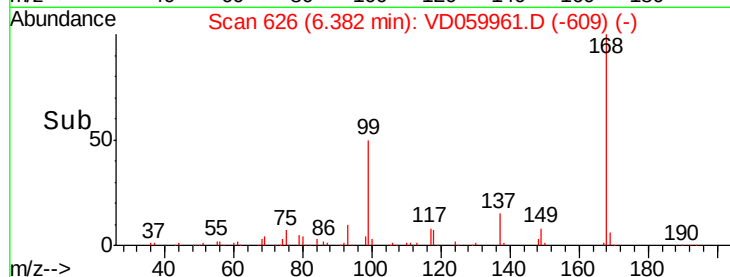
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#20

Methylene Chloride

Concen: 4.67 ug/l

RT: 3.69 min Scan# 352

Delta R.T. -0.03 min

Lab File: VD059961.D

Acq: 5 Sep 2018 11:12

Tgt Ion: 84 Resp: 104242

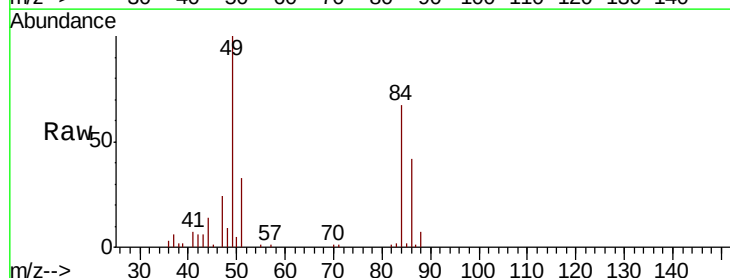
Ion Ratio Lower Upper

84 100

49 149.1 122.6 183.8

51 49.0 38.4 57.6

86 63.2 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

80000

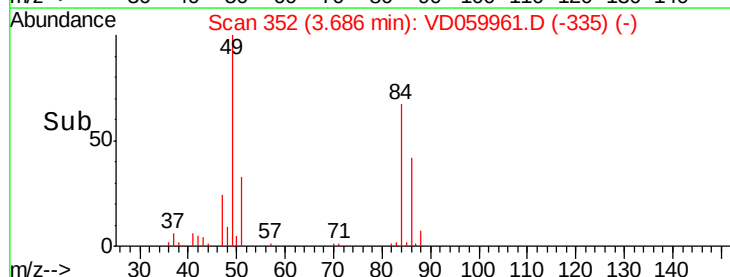
60000

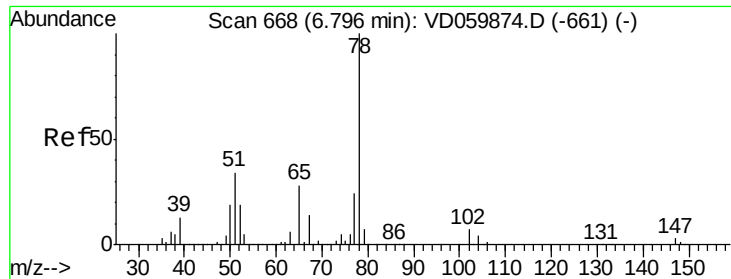
40000

20000

0

Time--> 3.60 3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 665

Delta R.T. -0.03 min

Lab File: VD059961.D

Acq: 5 Sep 2018 11:12

Instrument :

MSVOA_D

ClientSampleId :

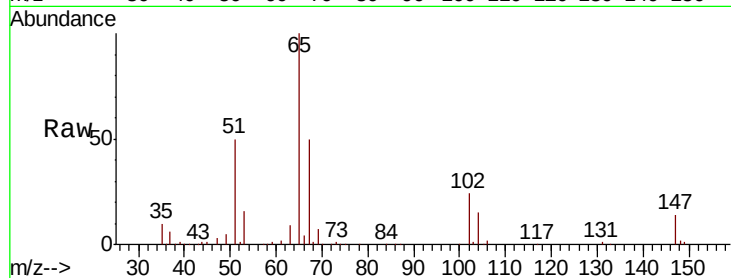
VD0905SBL01

Tot Ion: 65 Resp: 574229

Ion Ratio Lower Upper

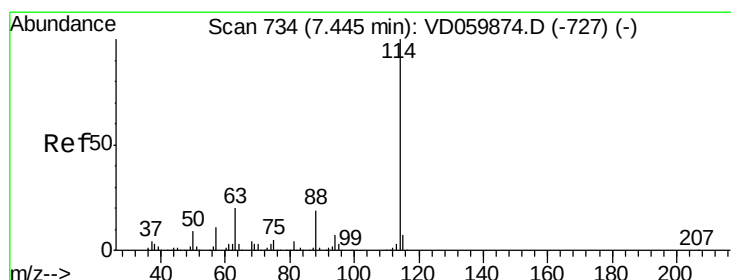
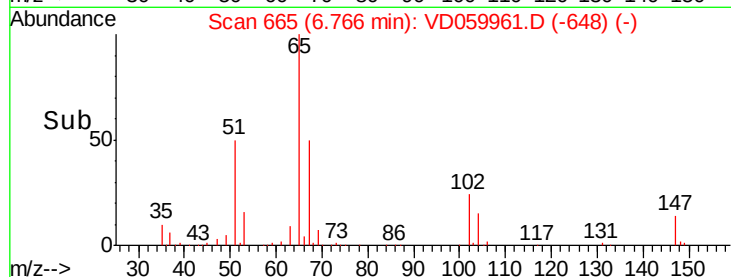
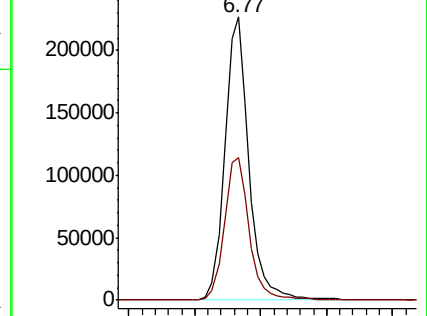
65 100

67 50.4 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: 7.43 min Scan# 732

Delta R.T. -0.02 min

Lab File: VD059961.D

Acq: 5 Sep 2018 11:12

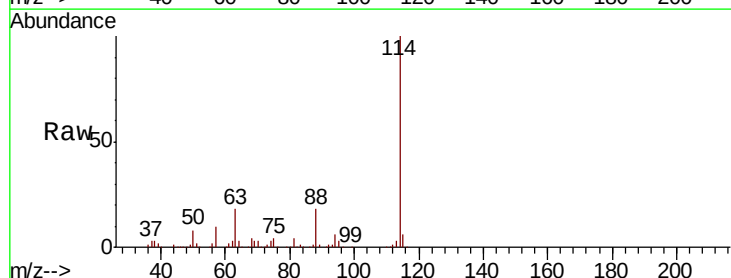
Tgt Ion: 114 Resp: 1723626

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.4

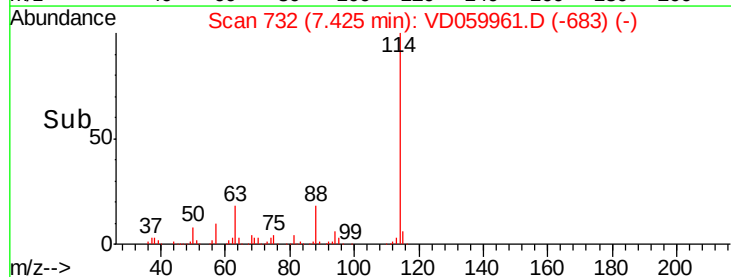
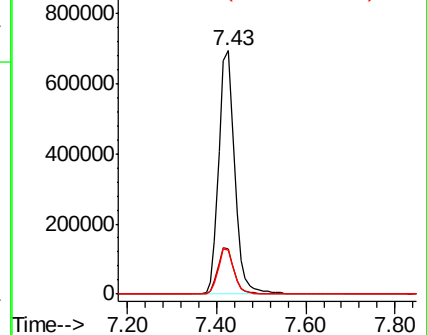
88 18.2 0.0 37.6

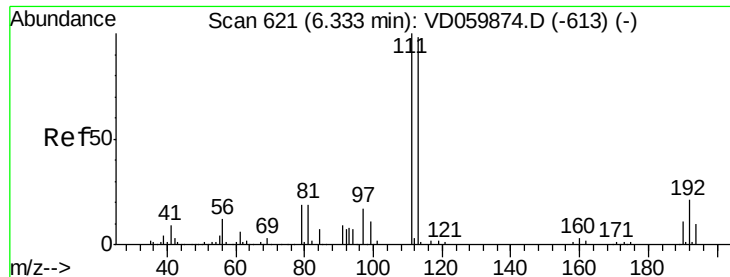


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

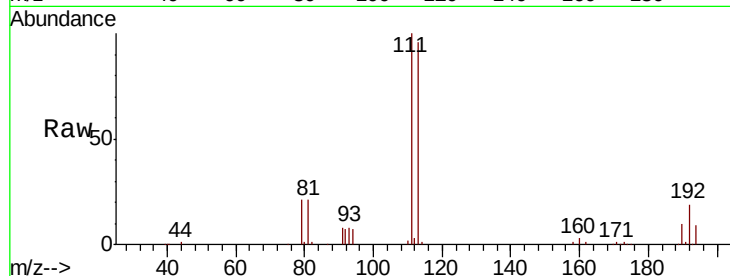




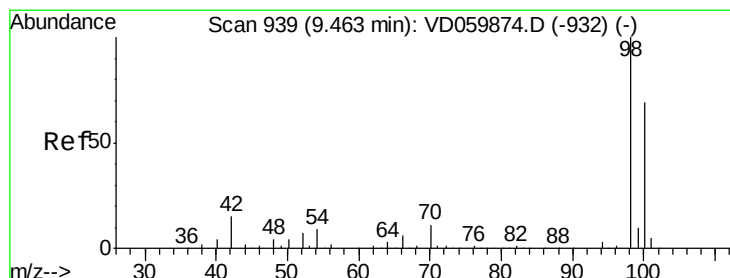
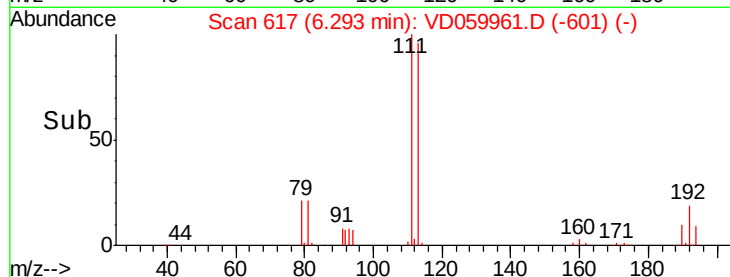
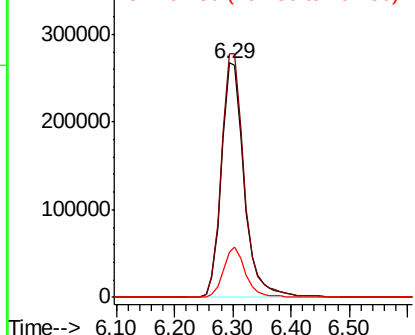
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 617
 Delta R.T. -0.04 min
 Lab File: VD059961.D
 Acq: 5 Sep 2018 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0905SBL01

Tot Ion:113 Resp: 726941
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.4 122.2
 192 19.3 17.0 25.6

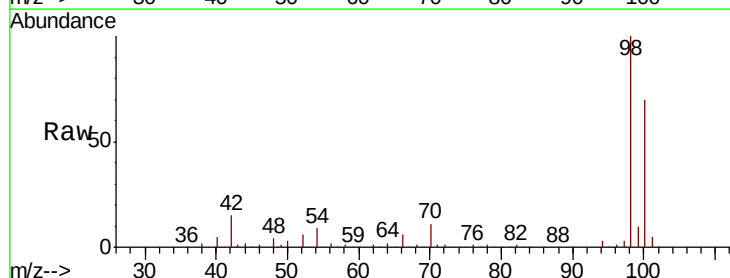


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

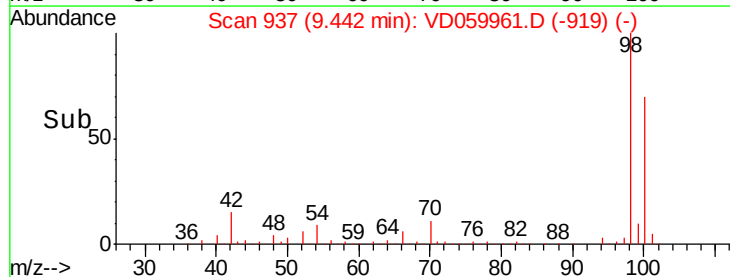
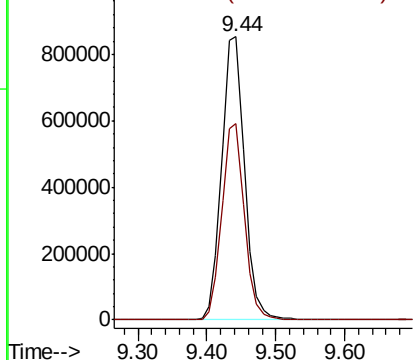


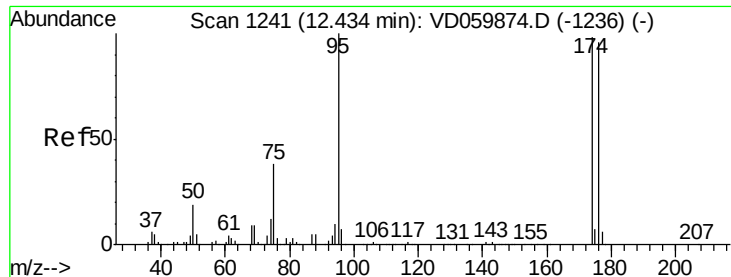
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.44 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: VD059961.D
 Acq: 5 Sep 2018 11:12

Tgt Ion: 98 Resp: 1966192
 Ion Ratio Lower Upper
 98 100
 100 69.5 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.41 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059961.D

Acq: 5 Sep 2018 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0905SBL01

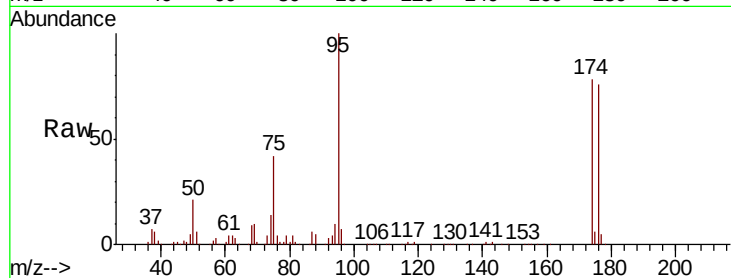
Tot Ion: 95 Resp: 777333

Ion Ratio Lower Upper

95 100

174 78.2 0.0 195.6

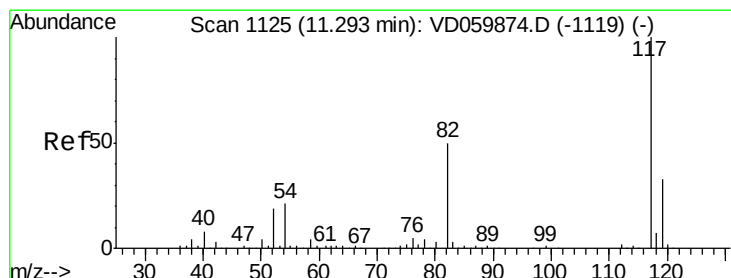
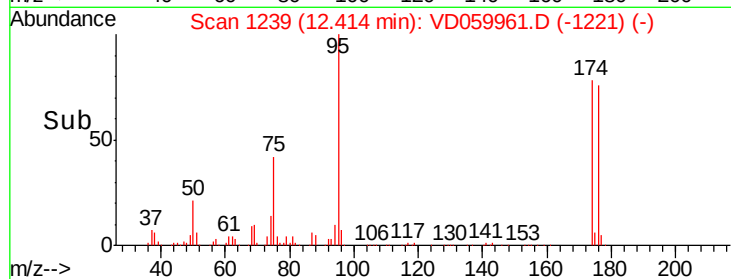
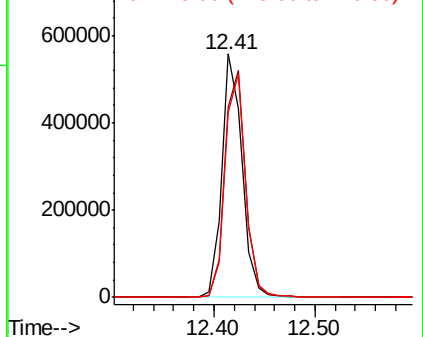
176 75.7 0.0 191.2



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: 11.27 min Scan# 1123

Delta R.T. -0.02 min

Lab File: VD059961.D

Acq: 5 Sep 2018 11:12

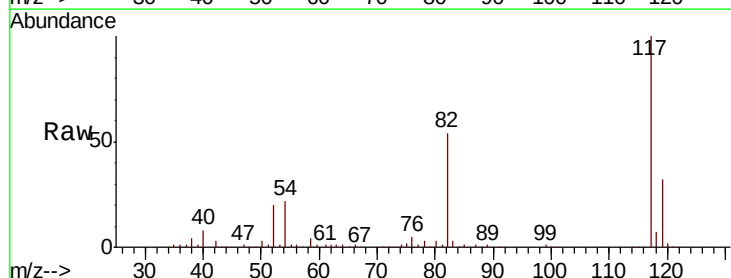
Tgt Ion: 117 Resp: 1457683

Ion Ratio Lower Upper

117 100

82 53.7 40.1 60.1

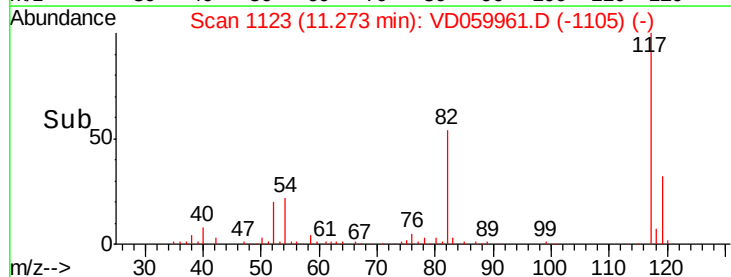
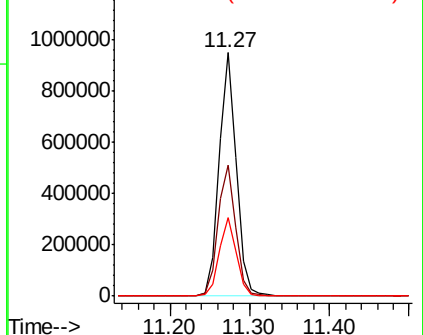
119 32.2 26.7 40.1

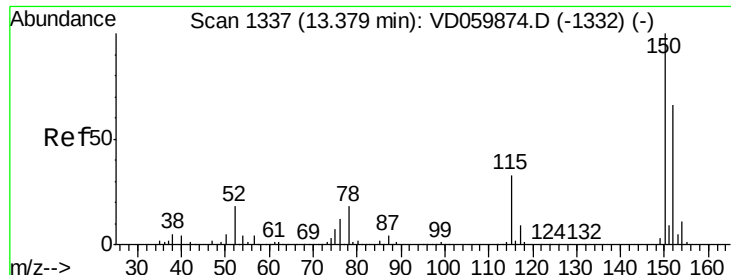


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.37 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VD059961.D

Acq: 5 Sep 2018 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0905SBL01

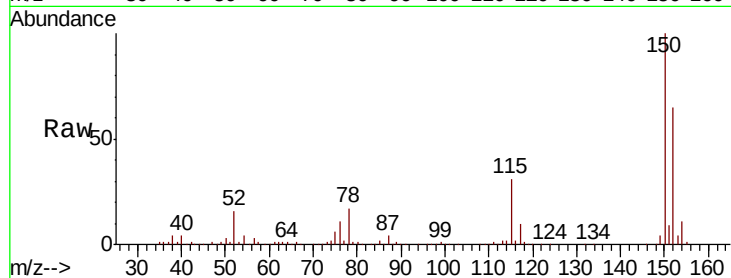
Tot Ion:152 Resp: 783706

Ion Ratio Lower Upper

152 100

115 47.9 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

