

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082718\
 Data File : VD059912.D
 Acq On : 27 Aug 2018 13:30
 Operator : JC/SY
 Sample : J4636-01RE
 Misc : 6.30g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BYR-2-E(0-1)RE

Quant Time: Aug 27 15:04:03 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	99085	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	161704	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	122102	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	38102	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	82762	99.10	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	198.20%	
35) Dibromofluoromethane	6.31	113	70546	55.65	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	111.30%	
50) Toluene-d8	9.44	98	140398	39.90	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	79.80%	
62) 4-Bromofluorobenzene	12.42	95	48040	33.62	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	67.24%	

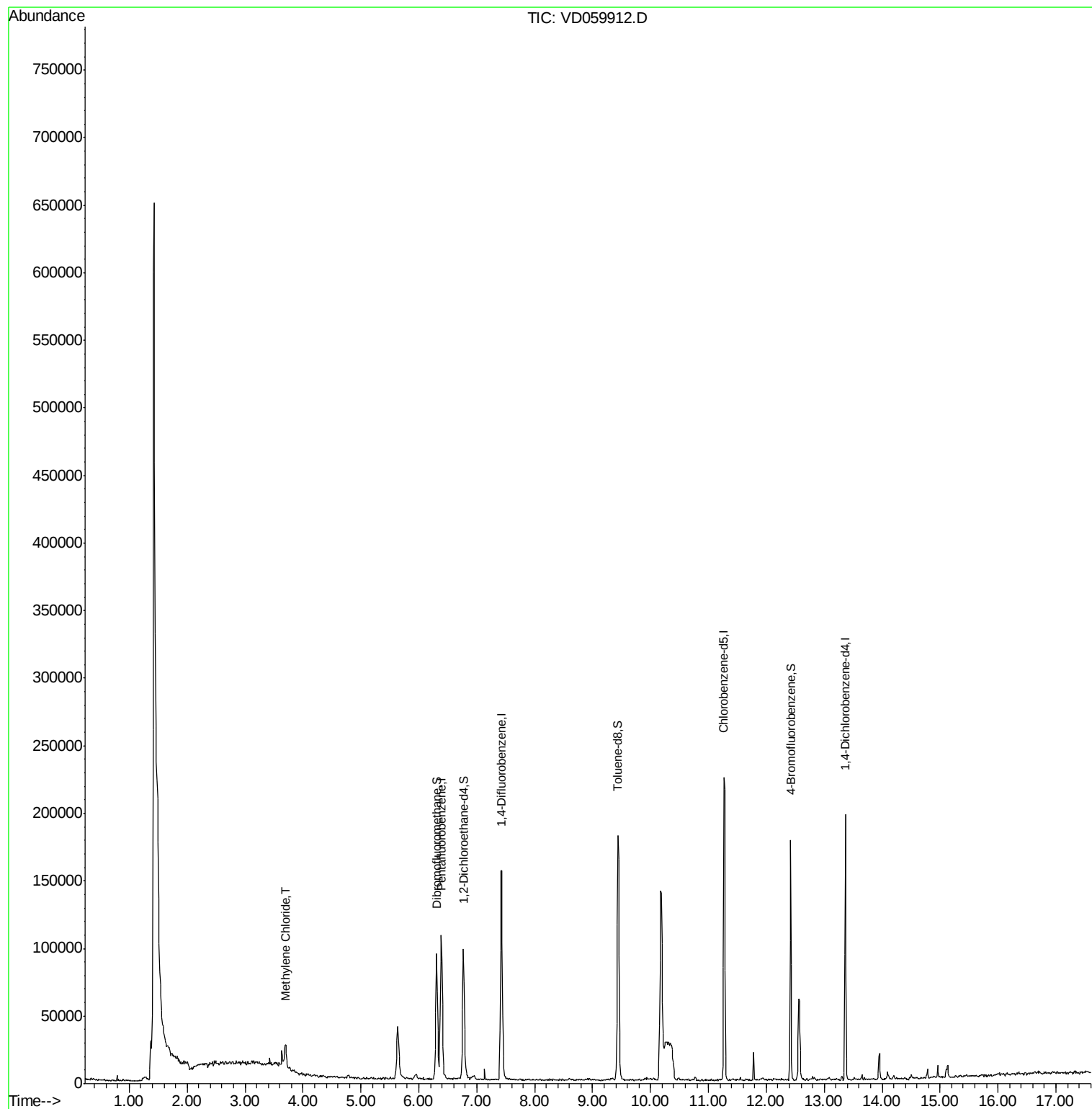
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.69	84	9726	6.33	ug/l	94

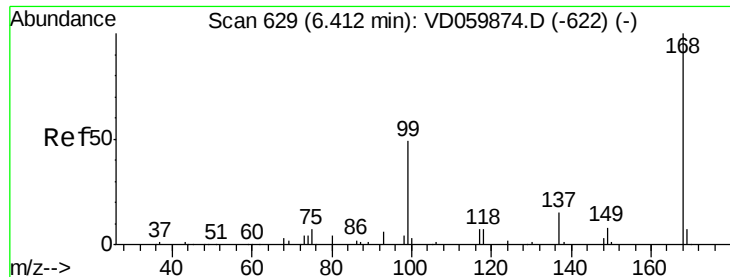
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD059912.D

Acq: 27 Aug 2018 13:30

Instrument :

MSVOA_D

ClientSampleId :

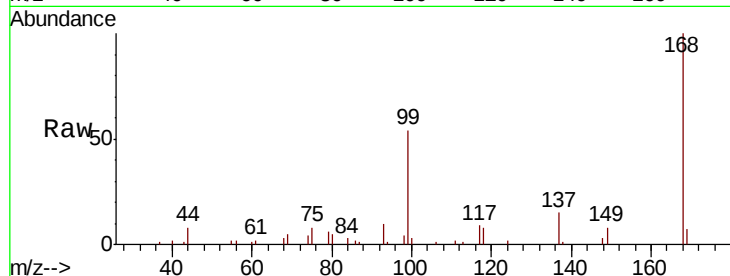
BYR-2-E(0-1)RE

Tot Ion:168 Resp: 99085

Ion Ratio Lower Upper

168 100

99 54.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

40000

30000

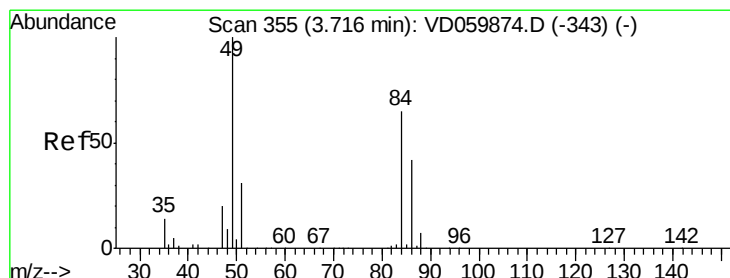
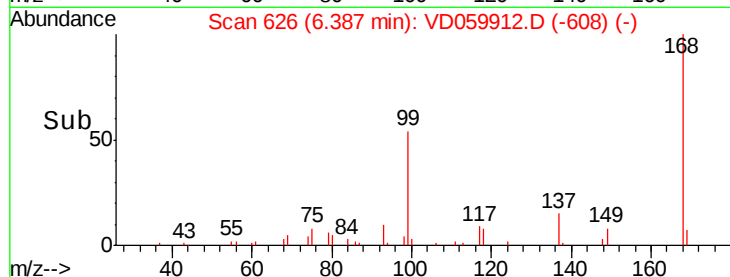
20000

10000

0

Time-->

6.30 6.40 6.50



#20

Methylene Chloride

Concen: 6.33 ug/l

RT: 3.69 min Scan# 352

Delta R.T. -0.02 min

Lab File: VD059912.D

Acq: 27 Aug 2018 13:30

Tgt Ion: 84 Resp: 9726

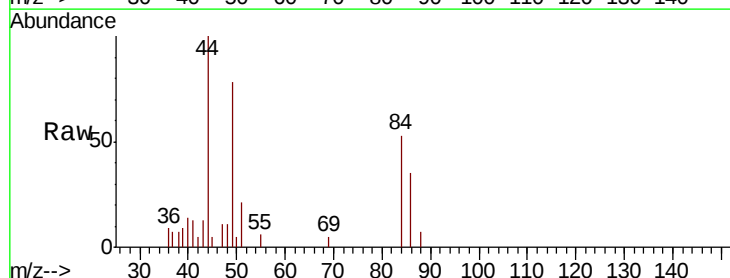
Ion Ratio Lower Upper

84 100

49 146.1 122.6 183.8

51 39.6 38.4 57.6

86 65.1 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

8000

6000

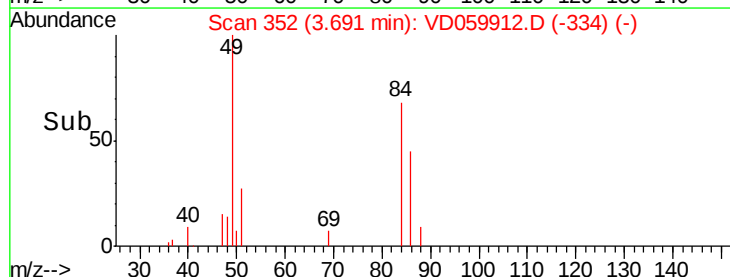
4000

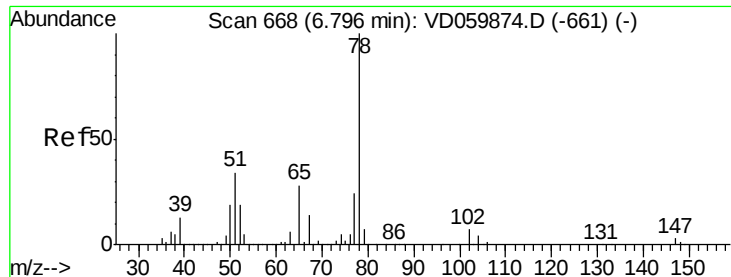
2000

0

Time-->

3.60 3.70 3.80





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 665

Delta R.T. -0.02 min

Lab File: VD059912.D

Acq: 27 Aug 2018 13:30

Instrument :

MSVOA_D

ClientSampleId :

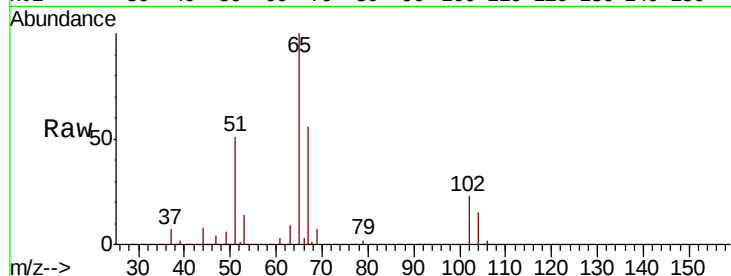
BYR-2-E(0-1)RE

Tot Ion: 65 Resp: 82762

Ion Ratio Lower Upper

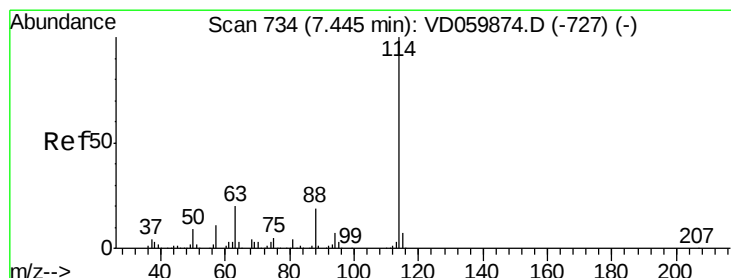
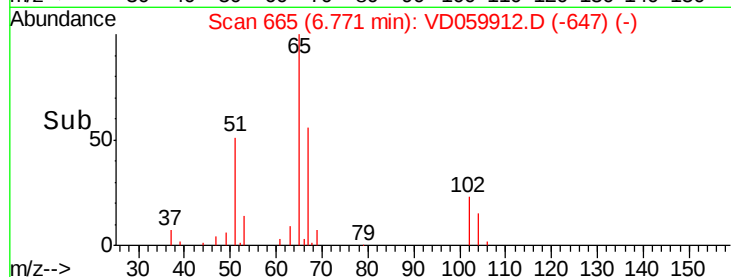
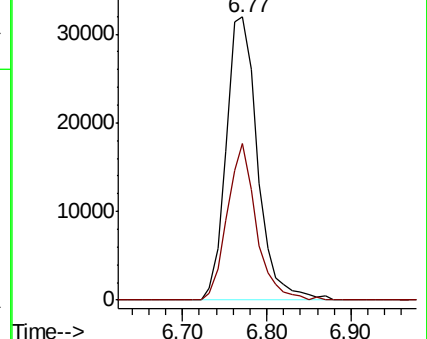
65 100

67 55.6 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. -0.01 min

Lab File: VD059912.D

Acq: 27 Aug 2018 13:30

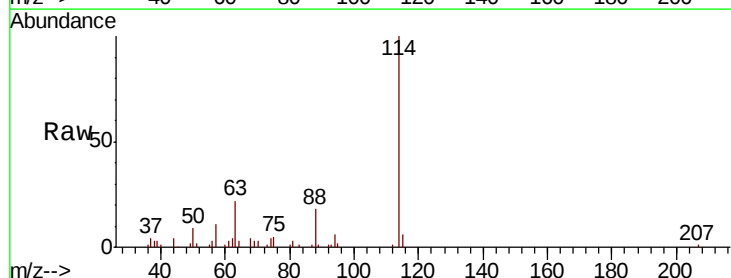
Tgt Ion: 114 Resp: 161704

Ion Ratio Lower Upper

114 100

63 22.2 0.0 39.4

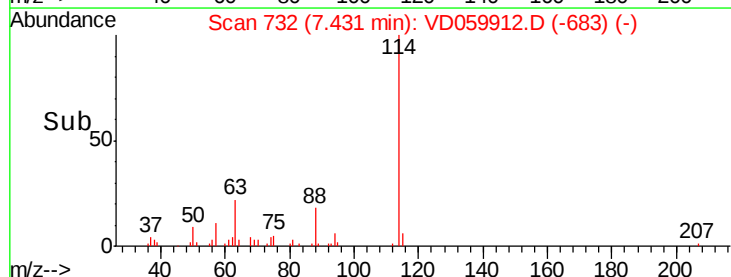
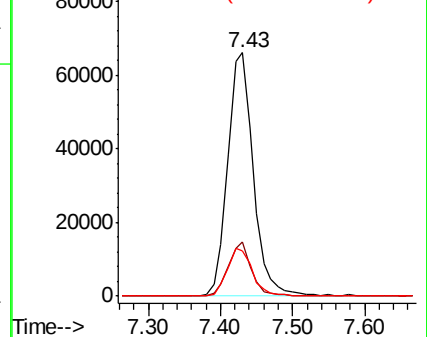
88 18.3 0.0 37.6

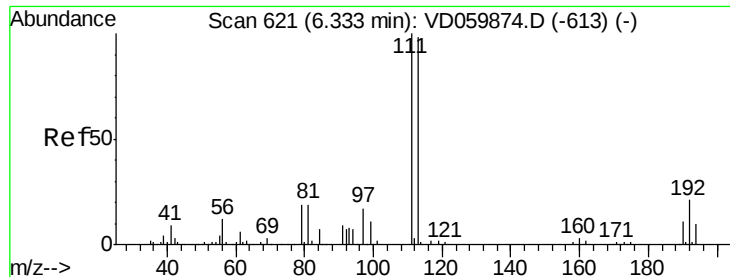


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

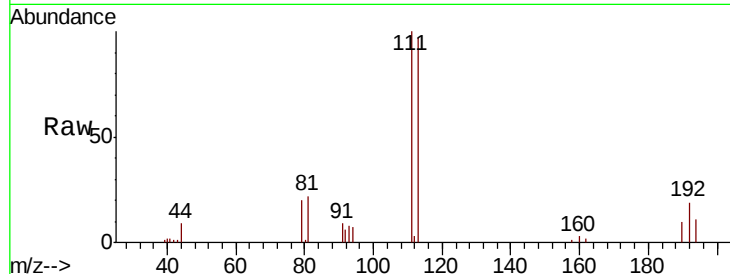




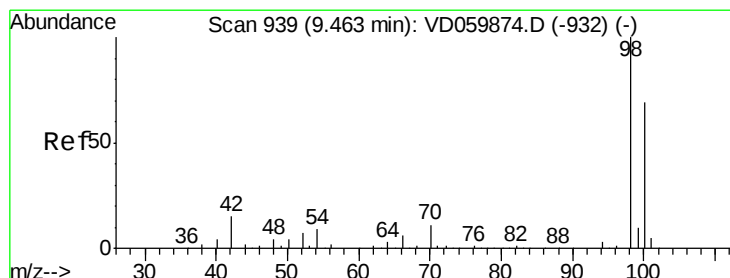
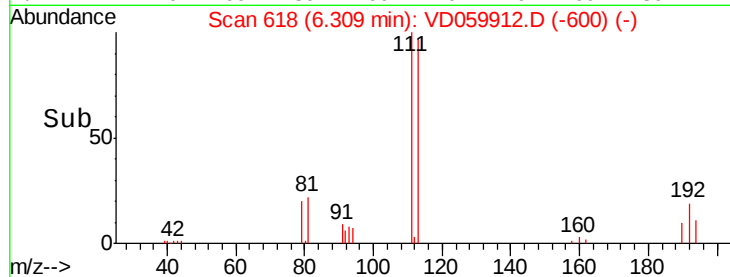
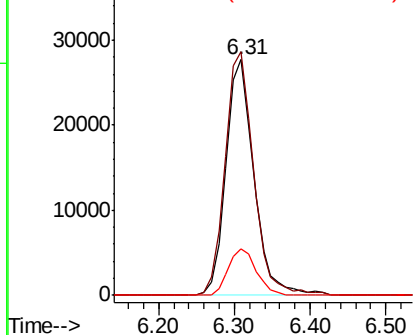
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.31 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: VD059912.D
 Acq: 27 Aug 2018 13:30

Instrument :
 MSVOA_D
 ClientSampleId :
 BYR-2-E(0-1)RE

Tot Ion:113 Resp: 70546
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.2
 192 20.0 17.0 25.6

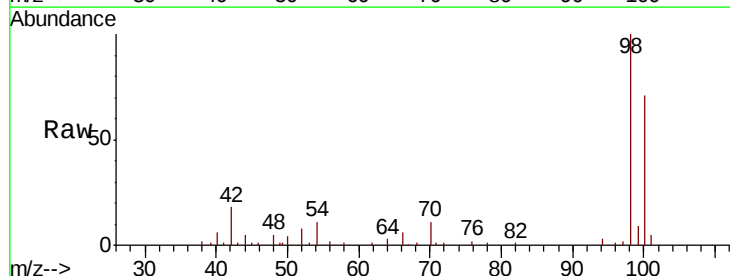


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

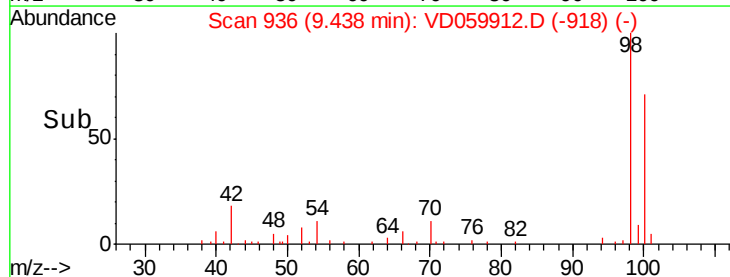
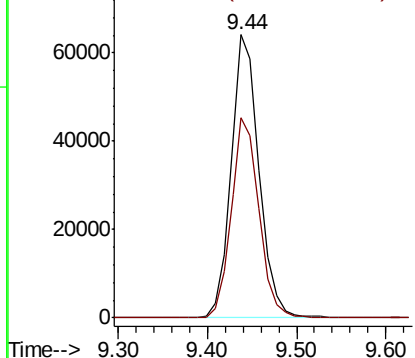


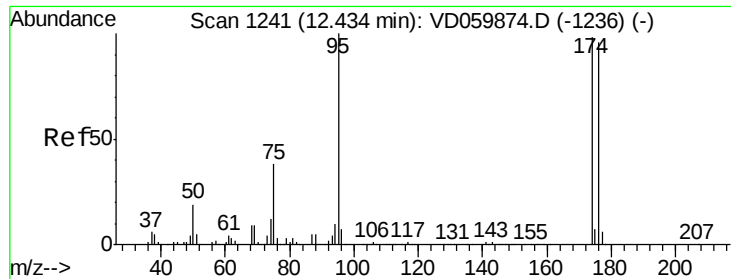
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.44 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: VD059912.D
 Acq: 27 Aug 2018 13:30

Tgt Ion: 98 Resp: 140398
 Ion Ratio Lower Upper
 98 100
 100 70.6 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: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VD059912.D

Acq: 27 Aug 2018 13:30

Instrument :

MSVOA_D

ClientSampleId :

BYR-2-E(0-1)RE

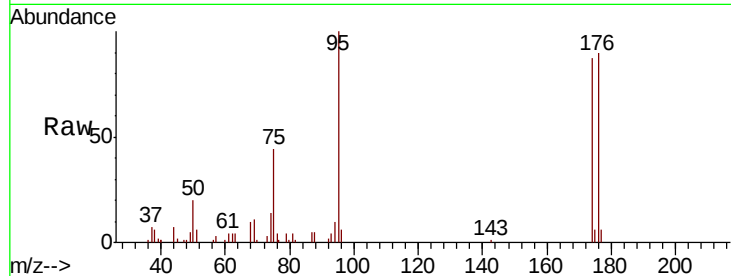
Tot Ion: 95 Resp: 48040

Ion Ratio Lower Upper

95 100

174 87.3 0.0 195.6

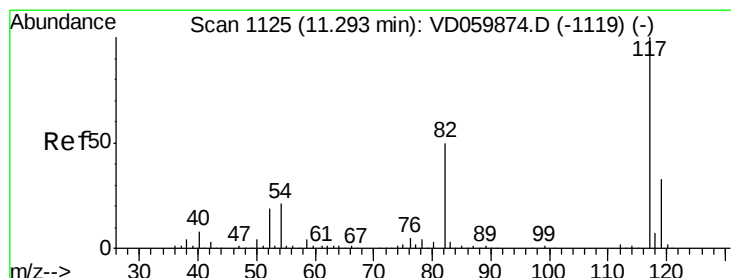
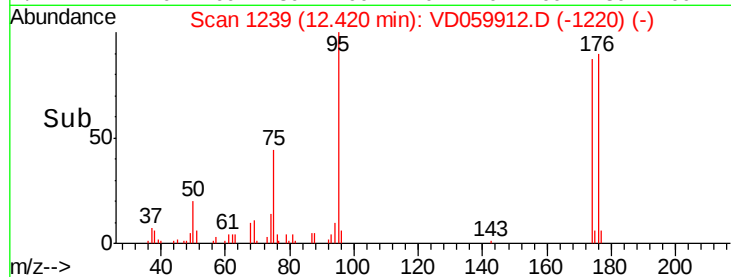
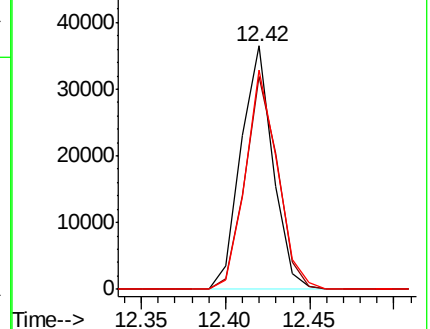
176 90.2 0.0 191.2



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. -0.01 min

Lab File: VD059912.D

Acq: 27 Aug 2018 13:30

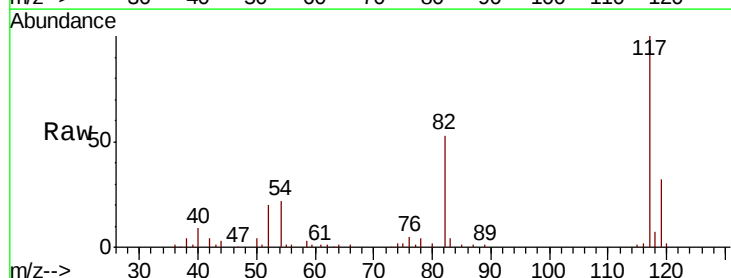
Tgt Ion: 117 Resp: 122102

Ion Ratio Lower Upper

117 100

82 52.9 40.1 60.1

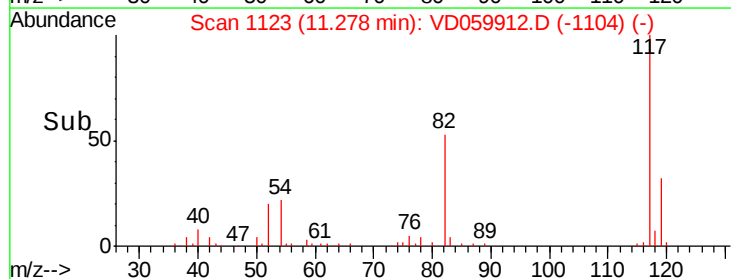
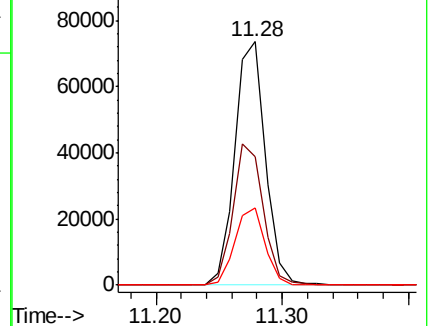
119 32.0 26.7 40.1

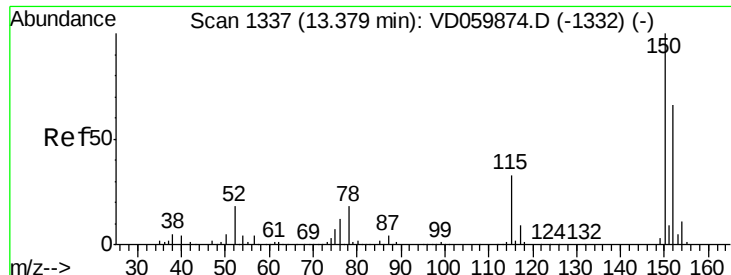


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

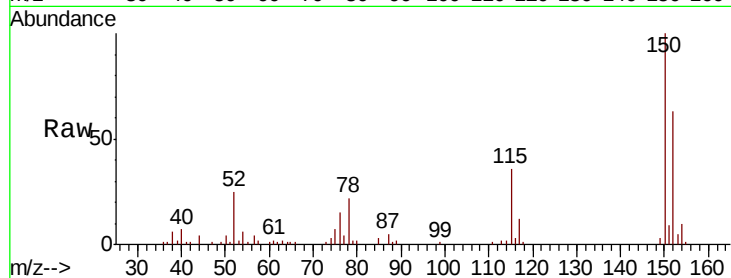




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.36 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: VD059912.D
 Acq: 27 Aug 2018 13:30

Instrument :
 MSVOA_D
 ClientSampleId :
 BYR-2-E(0-1)RE

Tot Ion:152 Resp: 38102
 Ion Ratio Lower Upper
 152 100
 115 55.9 25.7 77.0
 150 157.5 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

