

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059934.D
 Acq On : 31 Aug 2018 14:28
 Operator : JC/SY
 Sample : J4702-02RE
 Misc : 10.51g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-PS-01-039RE

Quant Time: Aug 31 15:40:39 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

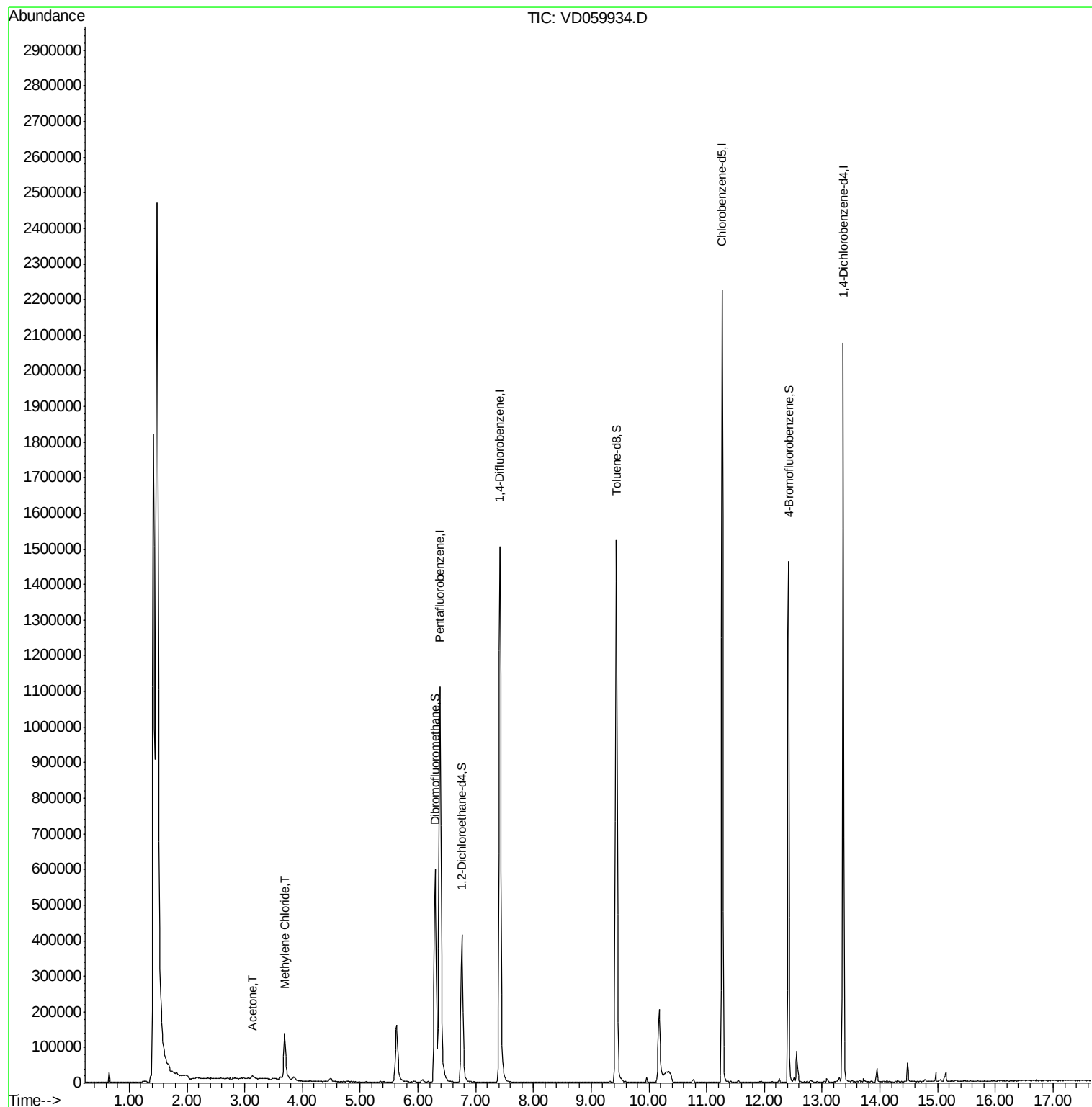
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1082191	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1491053	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1145641	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	480771	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	343724	37.68	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	75.36%	
35) Dibromofluoromethane	6.30	113	465762	39.84	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	79.68%	
50) Toluene-d8	9.44	98	1219594	37.59	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	75.18%	
62) 4-Bromofluorobenzene	12.42	95	422485	32.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	64.12%	
Target Compounds						
16) Acetone	3.13	43	19944	12.00	ug/l	# 89
20) Methylene Chloride	3.69	84	79165	3.69	ug/l	96

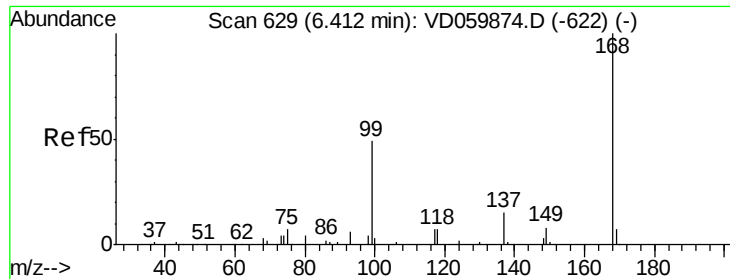
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 03:03:08 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

Instrument :

MSVOA_D

ClientSampleId :

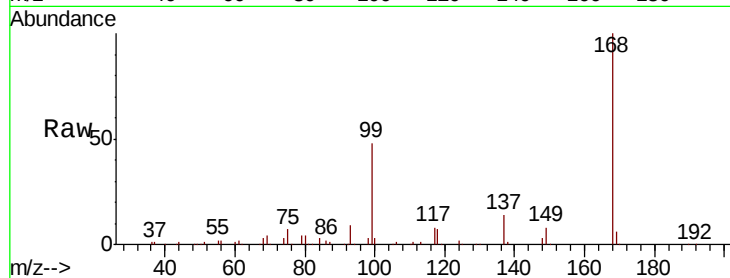
FS-PS-01-039RE

Tot Ion:168 Resp: 1082191

Ion Ratio Lower Upper

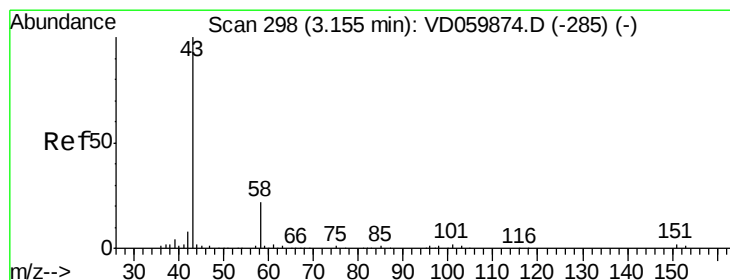
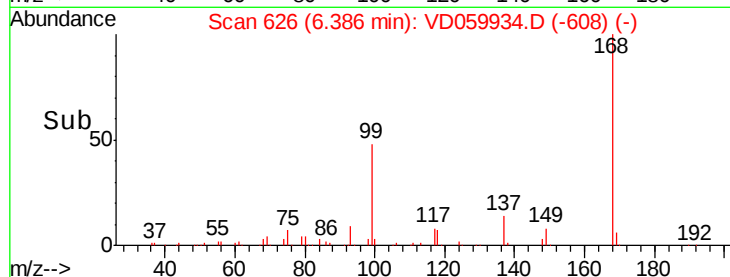
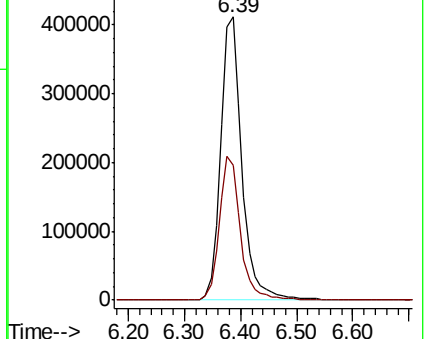
168 100

99 47.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 12.00 ug/l

RT: 3.13 min Scan# 295

Delta R.T. -0.03 min

Lab File: VD059934.D

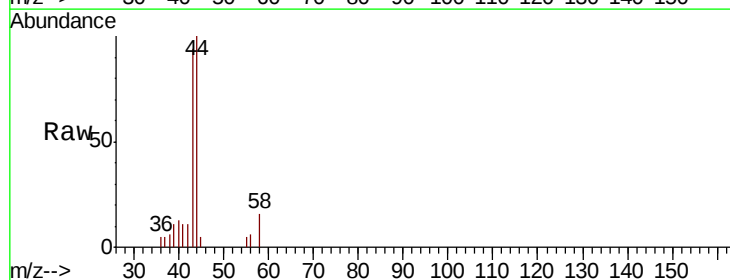
Acq: 31 Aug 2018 14:28

Tgt Ion: 43 Resp: 19944

Ion Ratio Lower Upper

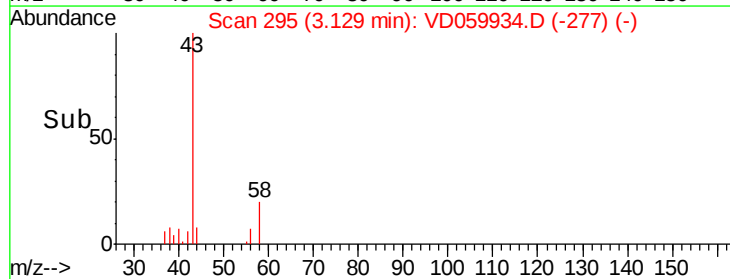
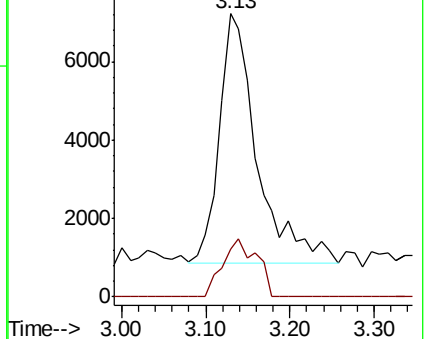
43 100

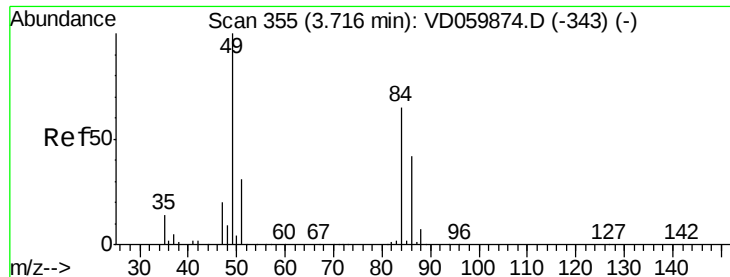
58 17.0 17.6 26.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

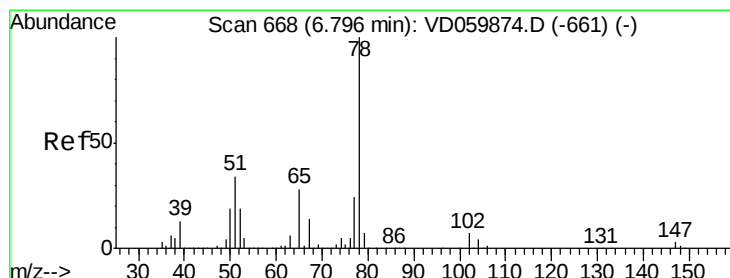
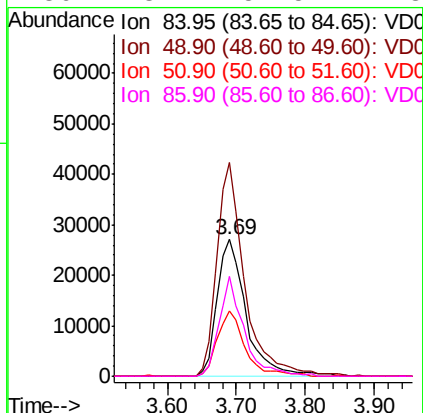
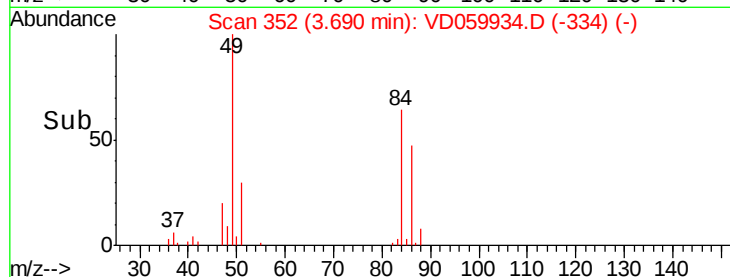
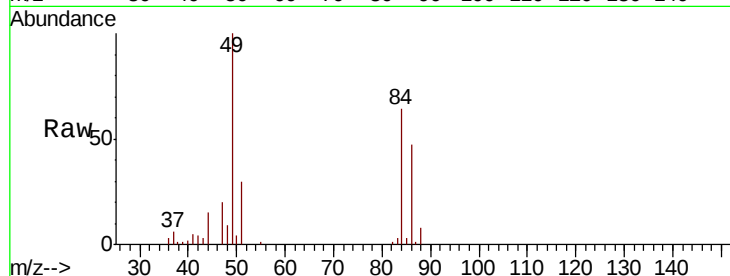




#20
Methvlene Chloride
Concen: 3.69 ug/l
RT: 3.69 min Scan# 352
Delta R.T. -0.03 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

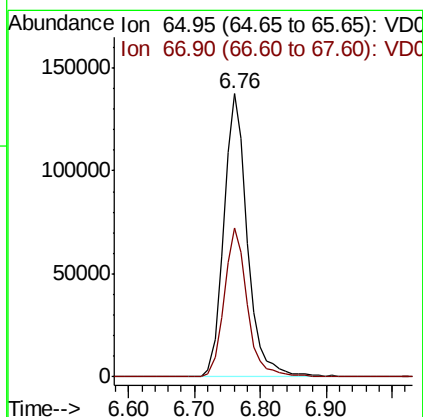
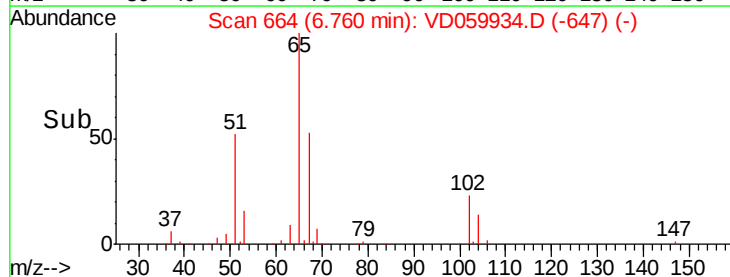
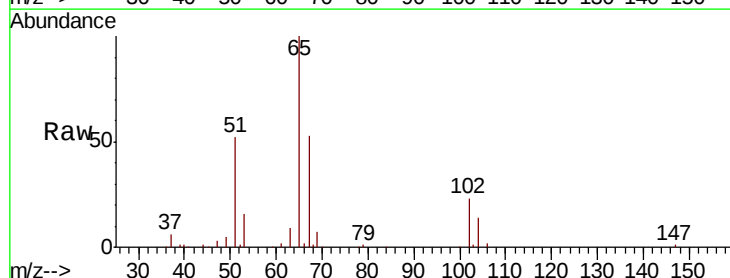
Instrument :
MSVOA_D
ClientSampleId :
FS-PS-01-039RE

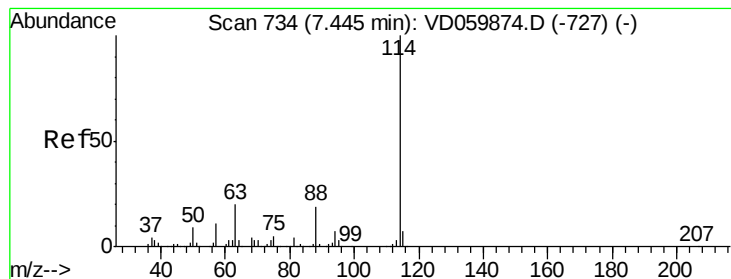
Tot Ion: 84 Resp: 79165
Ion Ratio Lower Upper
84 100
49 156.1 122.6 183.8
51 47.6 38.4 57.6
86 73.2 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.04 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

Tgt Ion: 65 Resp: 343724
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.03 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

Instrument :

MSVOA_D

ClientSampleId :

FS-PS-01-039RE

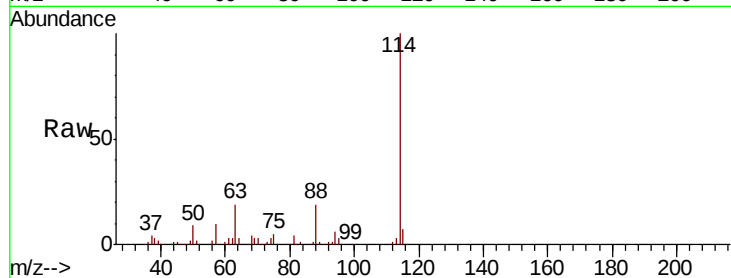
Tot Ion:114 Resp: 1491053

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

88 19.0 0.0 37.6



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

800000

600000

400000

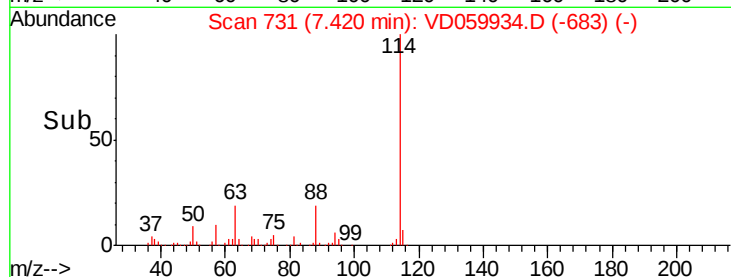
200000

0

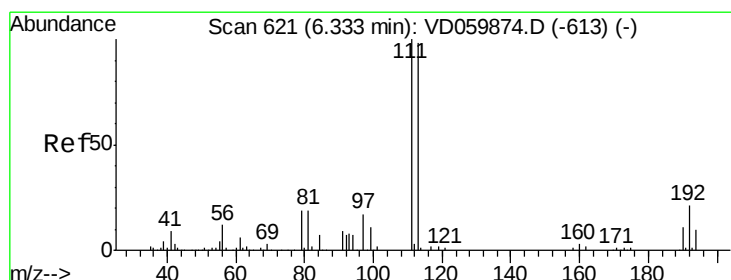
7.20

7.40

7.60



Time-->



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.04 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

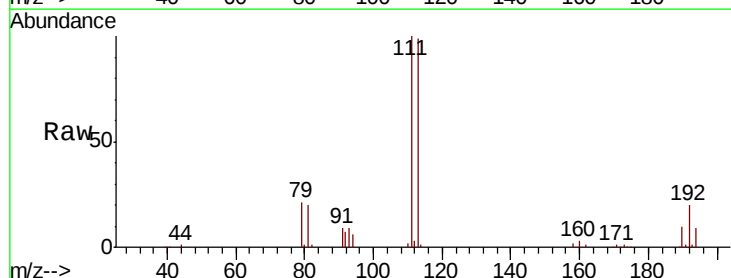
Tgt Ion:113 Resp: 465762

Ion Ratio Lower Upper

113 100

111 101.2 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

250000

200000

150000

100000

50000

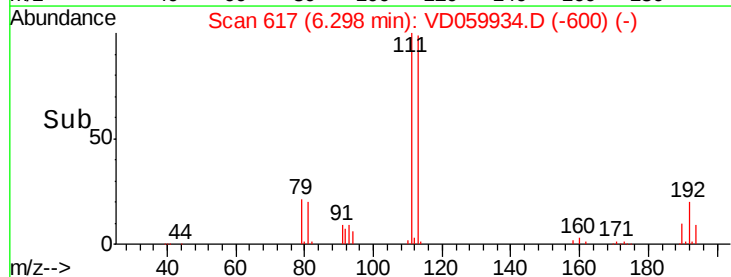
0

6.20

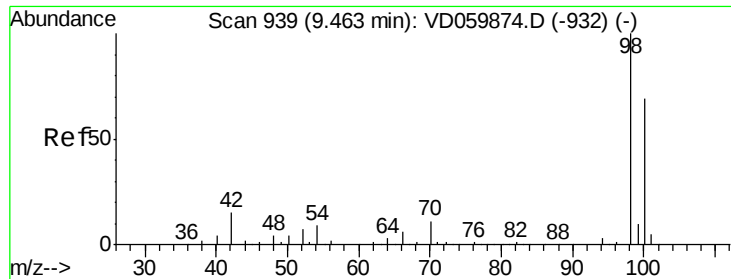
6.30

6.40

6.50



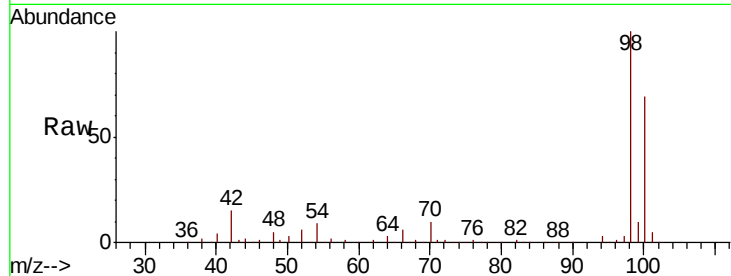
Time-->



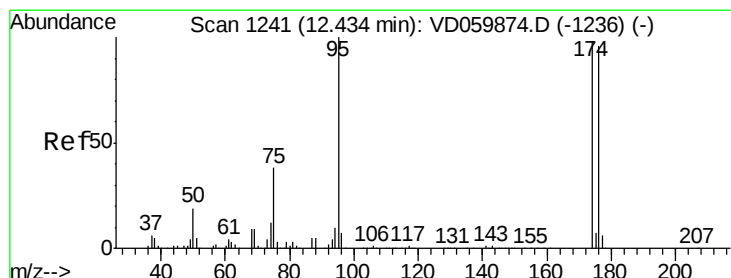
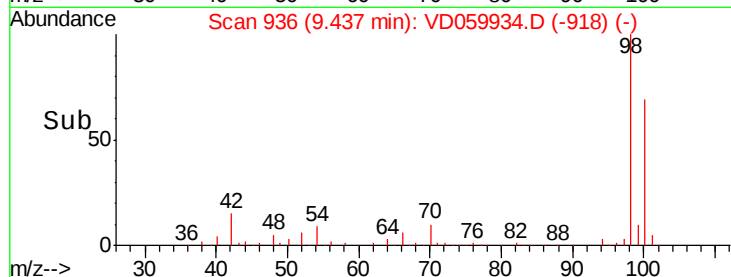
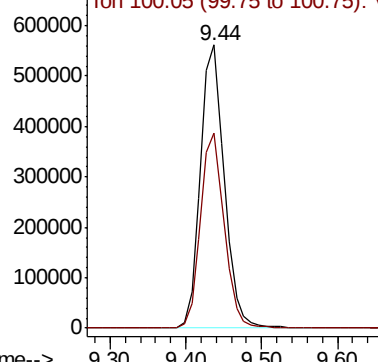
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.03 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

Instrument :
MSVOA_D
ClientSampleId :
FS-PS-01-039RE

Tot Ion: 98 Resp: 1219594
Ion Ratio Lower Upper
98 100
100 68.8 55.8 83.6

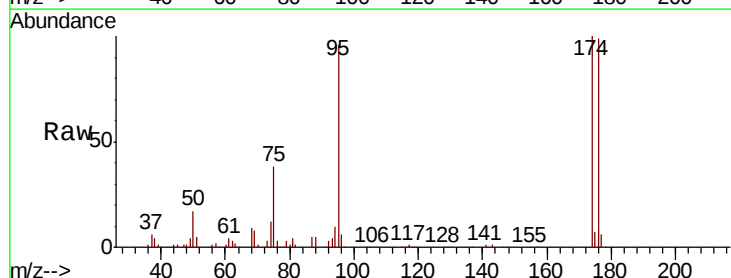


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

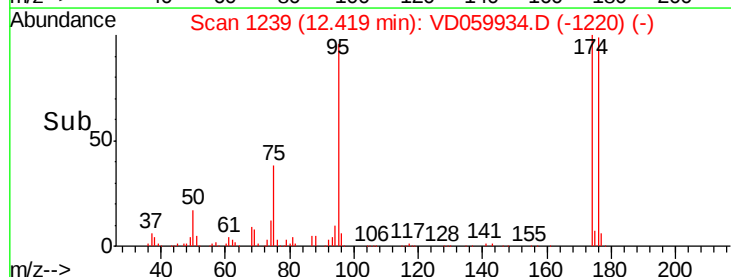
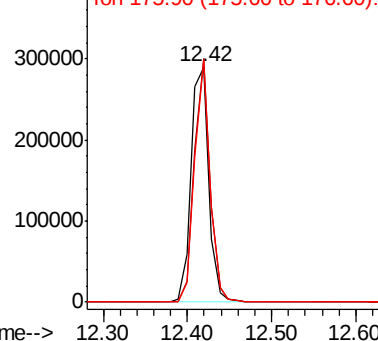


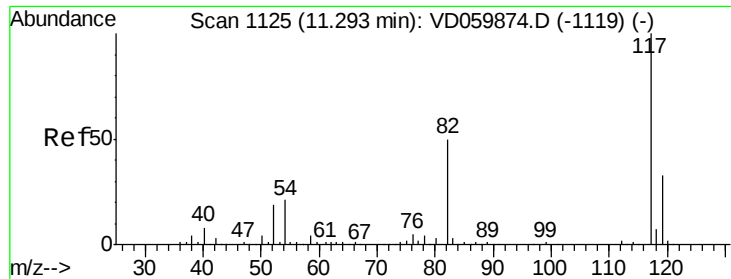
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

Tgt Ion: 95 Resp: 422485
Ion Ratio Lower Upper
95 100
174 103.7 0.0 195.6
176 102.9 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.27 min Scan# 1122

Delta R.T. -0.03 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

Instrument :

MSVOA_D

ClientSampleId :

FS-PS-01-039RE

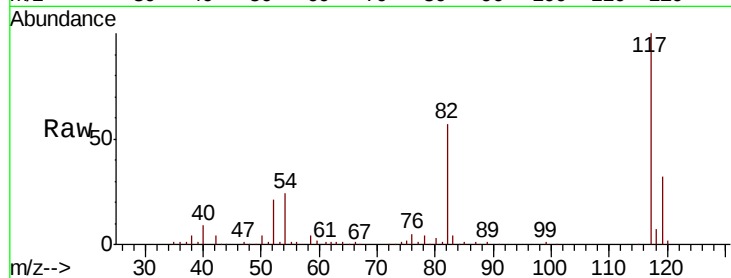
Tot Ion:117 Resp: 1145641

Ion Ratio Lower Upper

117 100

82 56.8 40.1 60.1

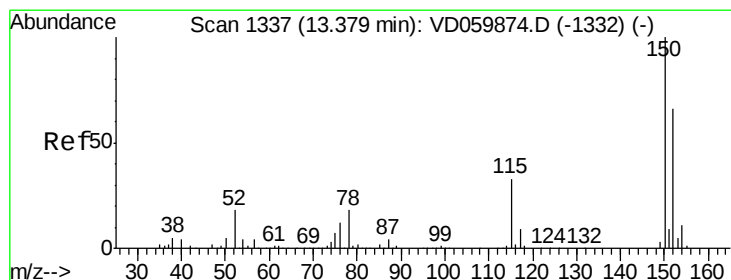
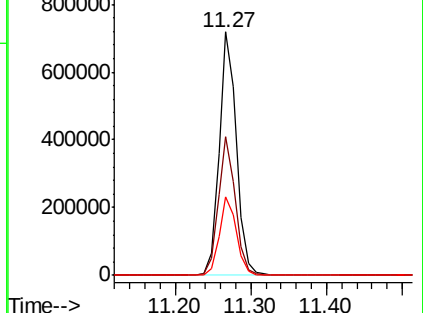
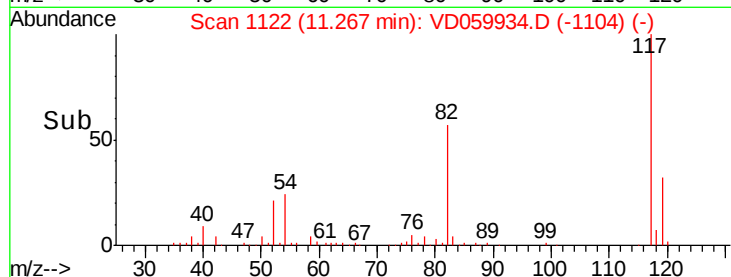
119 32.2 26.7 40.1



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: 13.36 min Scan# 1335

Delta R.T. -0.02 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

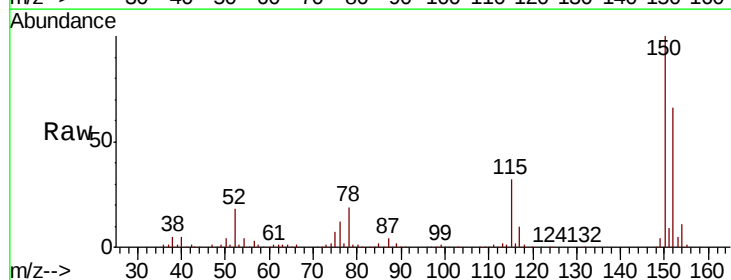
Tgt Ion:152 Resp: 480771

Ion Ratio Lower Upper

152 100

115 48.6 25.7 77.0

150 151.9 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

