

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059932.D
 Acq On : 31 Aug 2018 13:31
 Operator : JC/SY
 Sample : J4723-01RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-082918-ESW-NSC-054RE

Quant Time: Aug 31 14:49:47 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

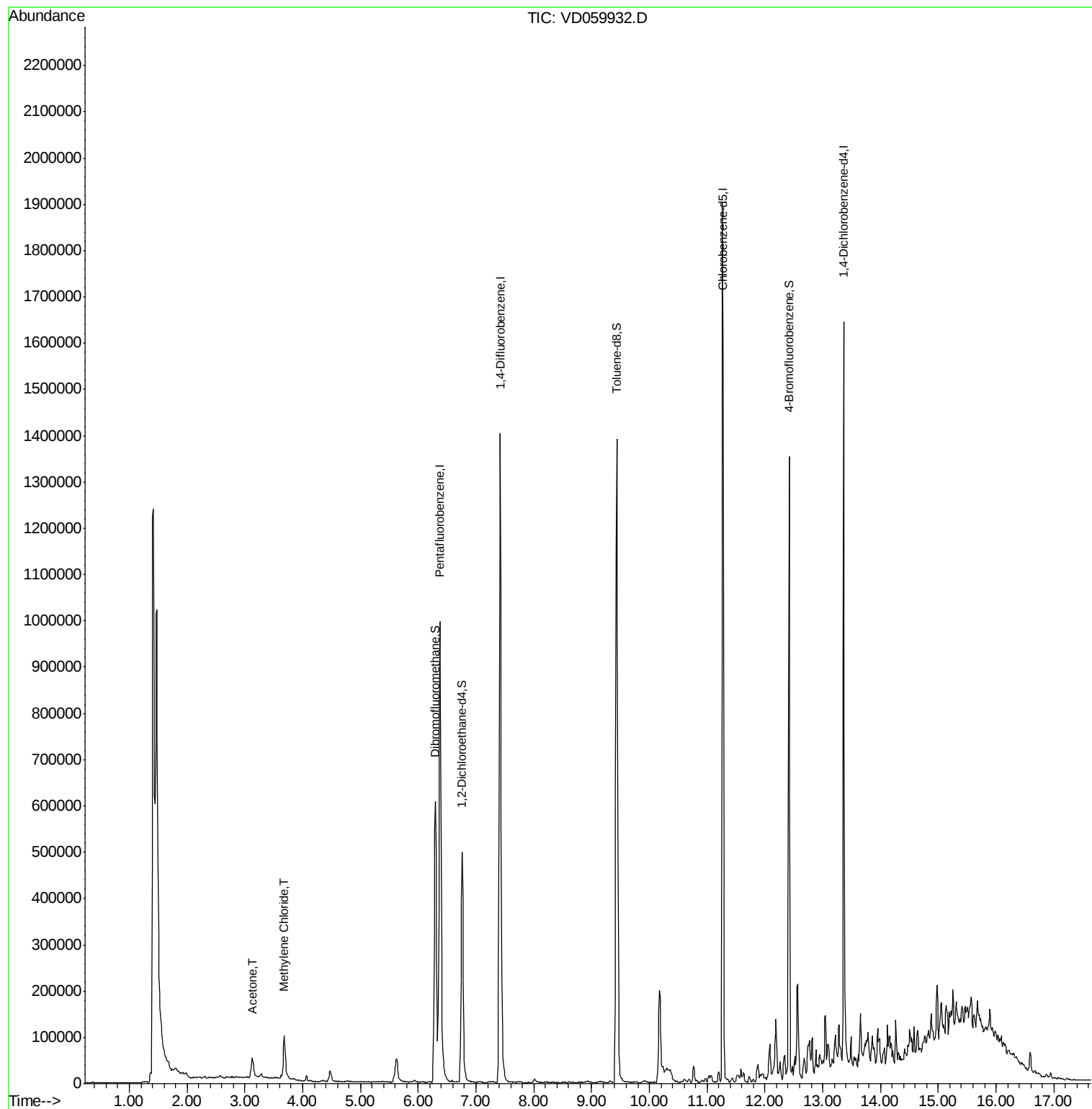
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	950000	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1399432	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	999497	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	348726	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	393739	49.17	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	6.30	113	470864	42.92	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	85.84%	
50) Toluene-d8	9.44	98	1096410	36.01	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	72.02%	
62) 4-Bromofluorobenzene	12.42	95	361189	29.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	58.42%	
Target Compounds						
16) Acetone	3.13	43	94783	64.97	ug/l	99
20) Methylene Chloride	3.68	84	55458	2.13	ug/l	96

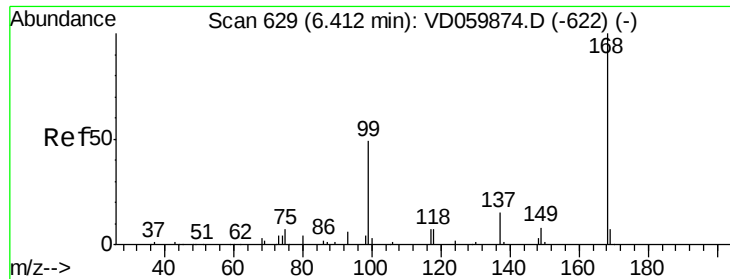
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.04 min

Lab File: VD059932.D

Acq: 31 Aug 2018 13:31

Instrument :

MSVOA_D

ClientSampleId :

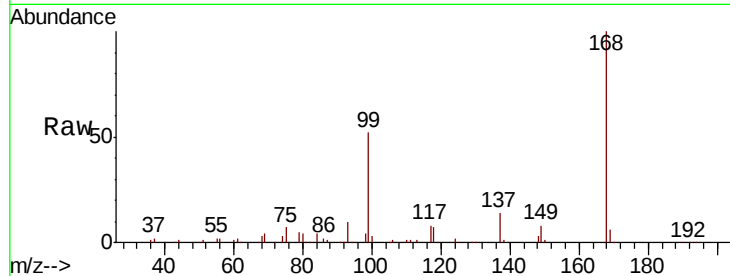
RA-082918-ESW-NSC-054RE

Tot Ion:168 Resp: 950000

Ion Ratio Lower Upper

168 100

99 52.3 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

400000

300000

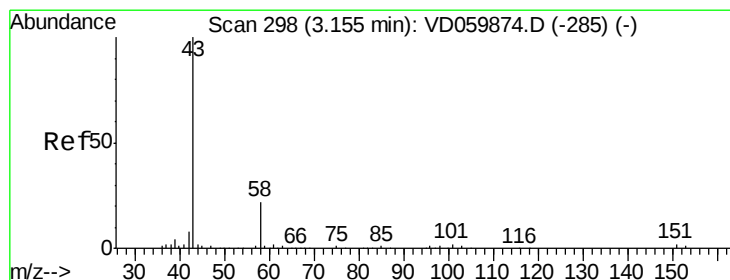
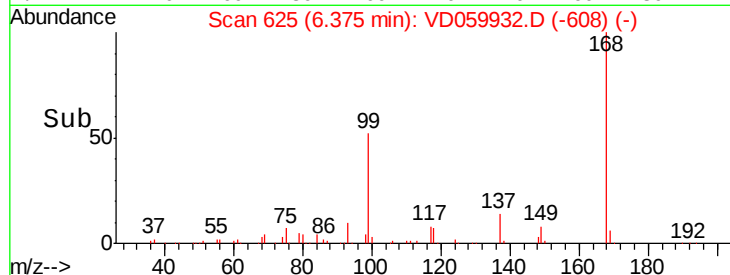
200000

100000

0

Time-->

6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 64.97 ug/l

RT: 3.13 min Scan# 295

Delta R.T. -0.03 min

Lab File: VD059932.D

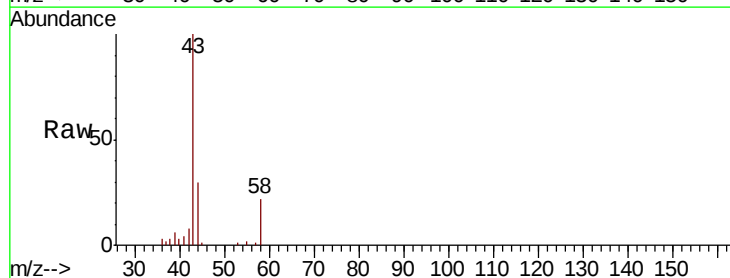
Acq: 31 Aug 2018 13:31

Tgt Ion: 43 Resp: 94783

Ion Ratio Lower Upper

43 100

58 22.3 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.13

30000

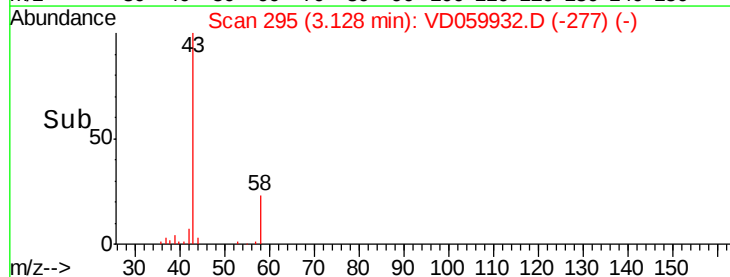
20000

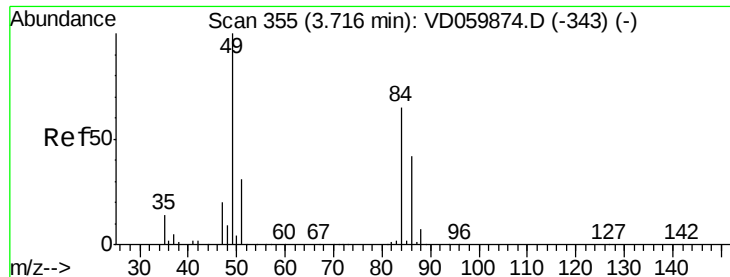
10000

0

Time-->

3.00 3.10 3.20 3.30

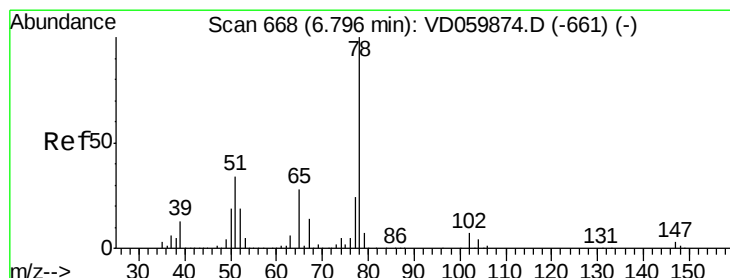
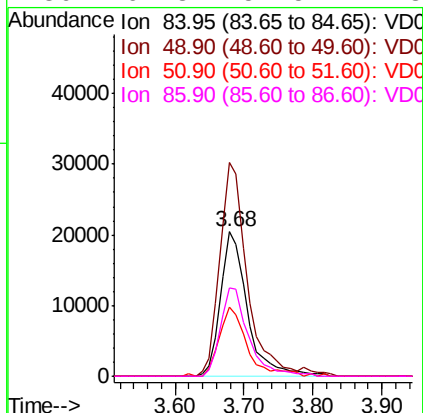
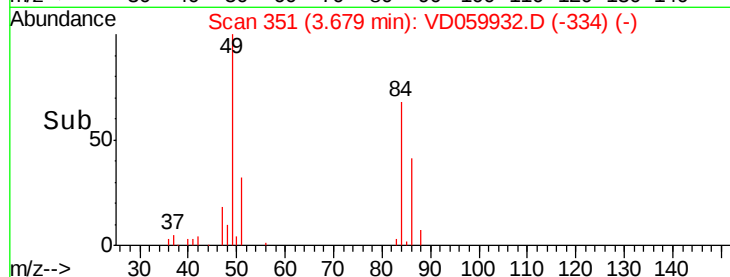
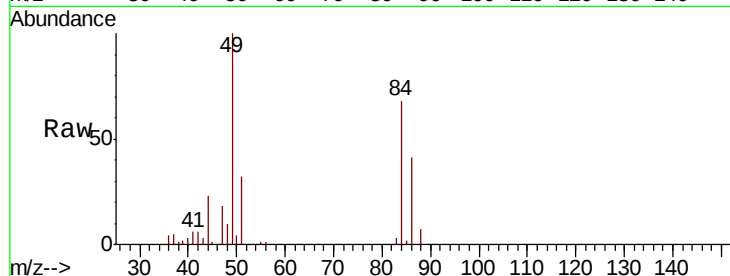




#20
Methvlene Chloride
Concen: 2.13 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.04 min
Lab File: VD059932.D
Acq: 31 Aug 2018 13:31

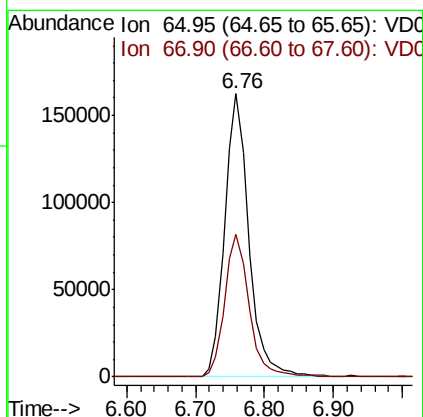
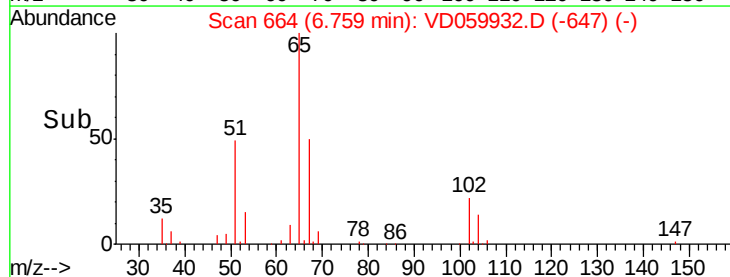
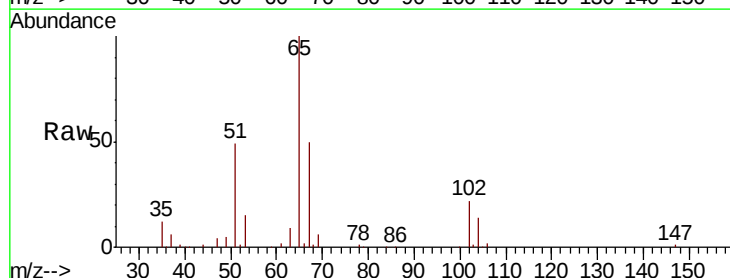
Instrument :
MSVOA_D
ClientSampleId :
RA-082918-ESW-NSC-054RE

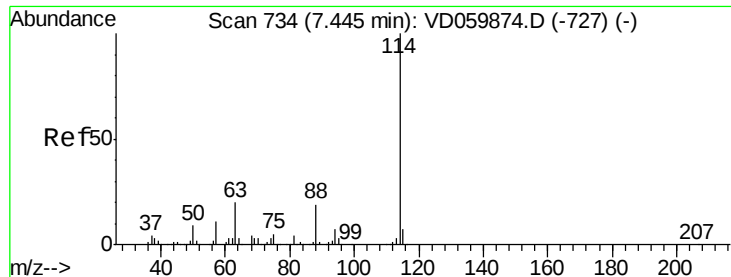
Tot Ion: 84 Resp: 55458
Ion Ratio Lower Upper
84 100
49 147.8 122.6 183.8
51 47.5 38.4 57.6
86 61.3 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.04 min
Lab File: VD059932.D
Acq: 31 Aug 2018 13:31

Tgt Ion: 65 Resp: 393739
Ion Ratio Lower Upper
65 100
67 50.4 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: VD059932.D

Acq: 31 Aug 2018 13:31

Instrument :

MSVOA_D

ClientSampleId :

RA-082918-ESW-NSC-054RE

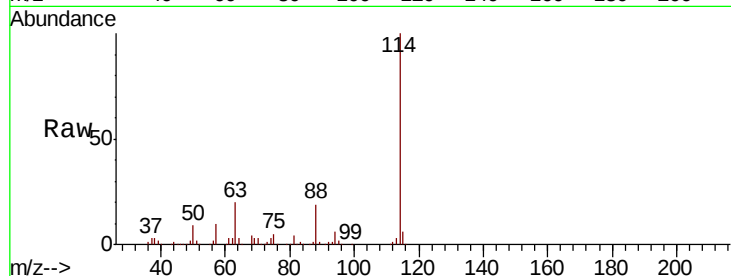
Tot Ion:114 Resp: 1399432

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

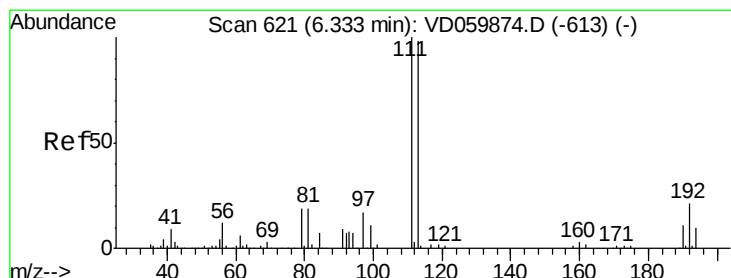
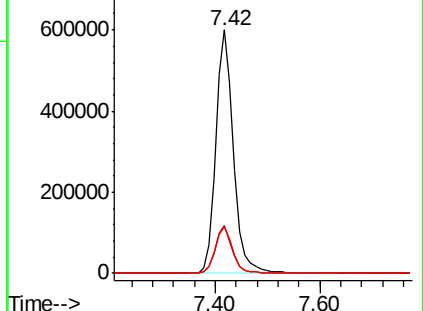
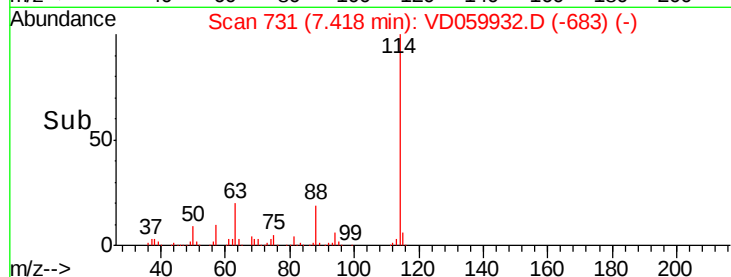
88 19.0 0.0 37.6



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



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.04 min

Lab File: VD059932.D

Acq: 31 Aug 2018 13:31

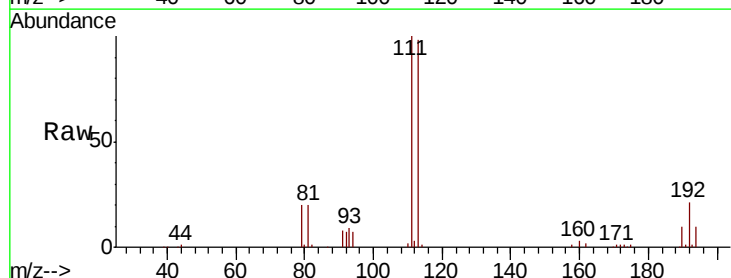
Tgt Ion:113 Resp: 470864

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.2

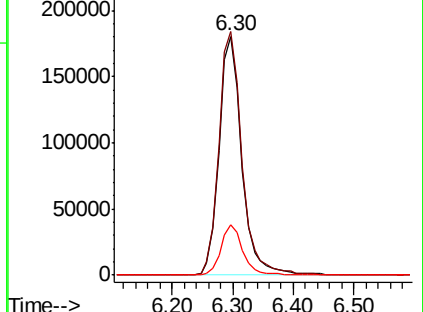
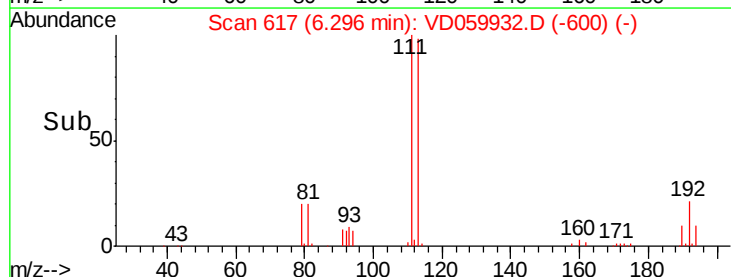
192 21.2 17.0 25.6

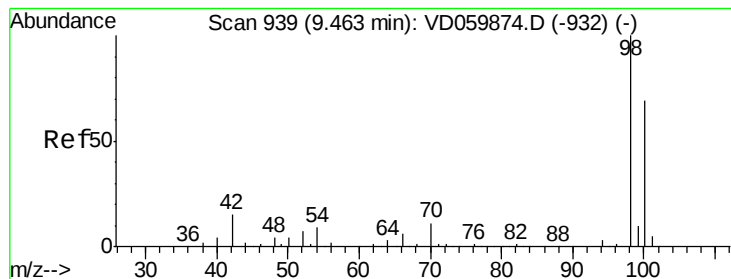


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD059932.D

Acq: 31 Aug 2018 13:31

Instrument :

MSVOA_D

ClientSampleId :

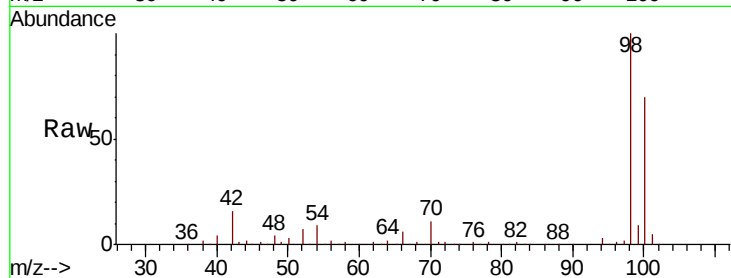
RA-082918-ESW-NSC-054RE

Tot Ion: 98 Resp: 1096410

Ion Ratio Lower Upper

98 100

100 69.8 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

600000

500000

400000

300000

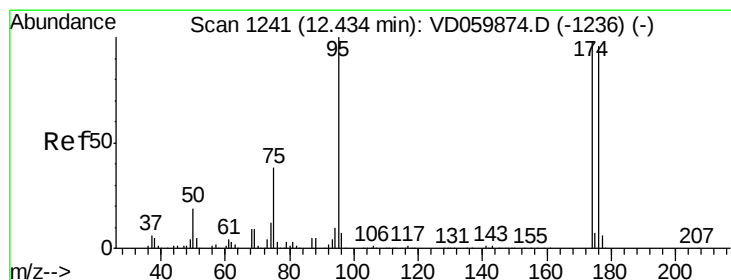
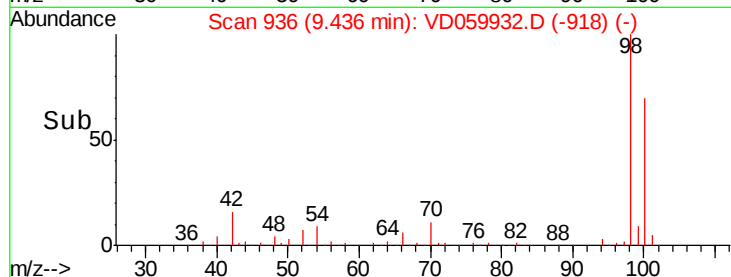
200000

100000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059932.D

Acq: 31 Aug 2018 13:31

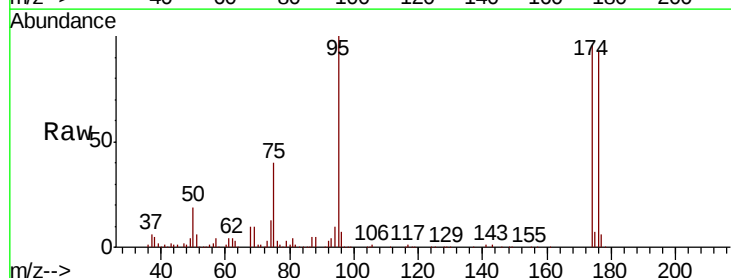
Tgt Ion: 95 Resp: 361189

Ion Ratio Lower Upper

95 100

174 96.4 0.0 195.6

176 93.0 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

300000

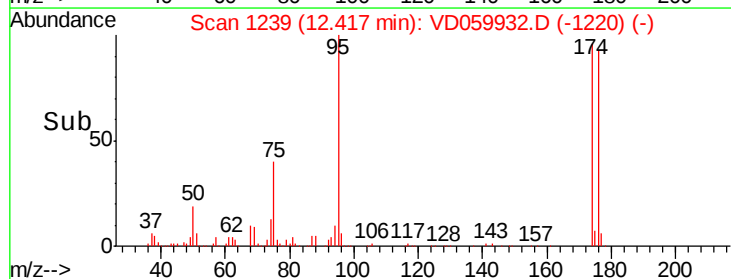
200000

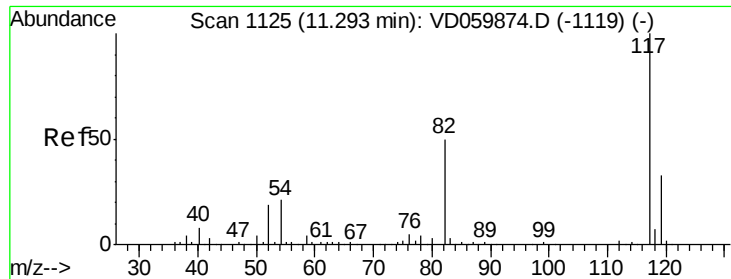
100000

0

12.40 12.50

Time-->

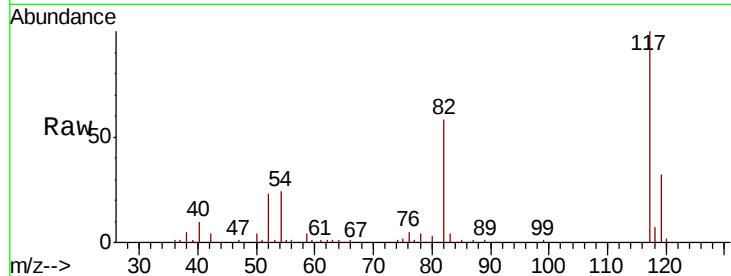




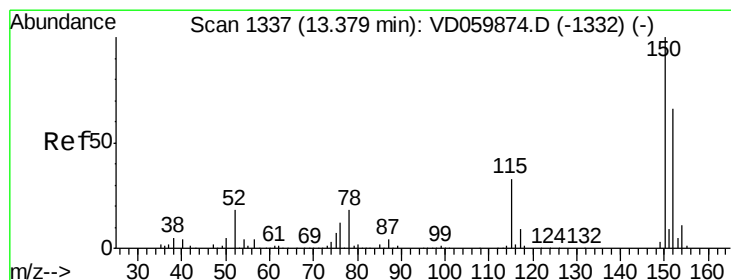
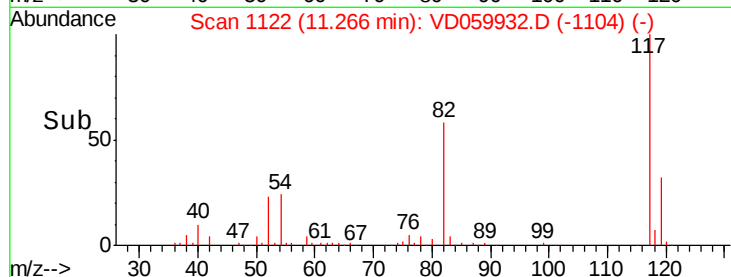
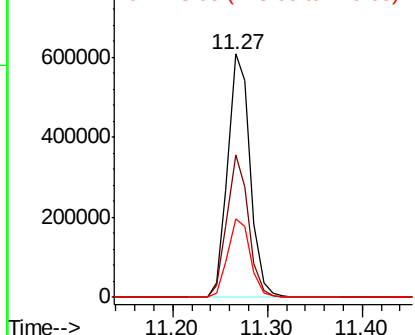
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.03 min
Lab File: VD059932.D
Acq: 31 Aug 2018 13:31

Instrument :
MSVOA_D
ClientSampleId :
RA-082918-ESW-NSC-054RE

Tot Ion:117 Resp: 999497
Ion Ratio Lower Upper
117 100
82 58.3 40.1 60.1
119 32.3 26.7 40.1

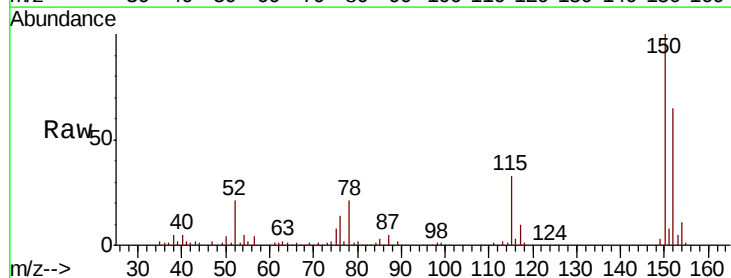


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VD059932.D
Acq: 31 Aug 2018 13:31

Tgt Ion:152 Resp: 348726
Ion Ratio Lower Upper
152 100
115 50.8 25.7 77.0
150 153.0 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

