

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082718\
 Data File : VD059917.D
 Acq On : 27 Aug 2018 16:06
 Operator : JC/SY
 Sample : J4646-11RE
 Misc : 5.58g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-Q4-C7RE

Quant Time: Aug 27 16:51:52 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	1266933	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1697304	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1460523	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	746036	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	482154	45.15	ug/l	-0.03
Spiked Amount			Recovery	=	90.30%	
35) Dibromofluoromethane	6.30	113	578582	43.48	ug/l	-0.03
Spiked Amount			Recovery	=	86.96%	
50) Toluene-d8	9.44	98	1552588	42.04	ug/l	-0.02
Spiked Amount			Recovery	=	84.08%	
62) 4-Bromofluorobenzene	12.42	95	604479	40.30	ug/l	-0.01
Spiked Amount			Recovery	=	80.60%	

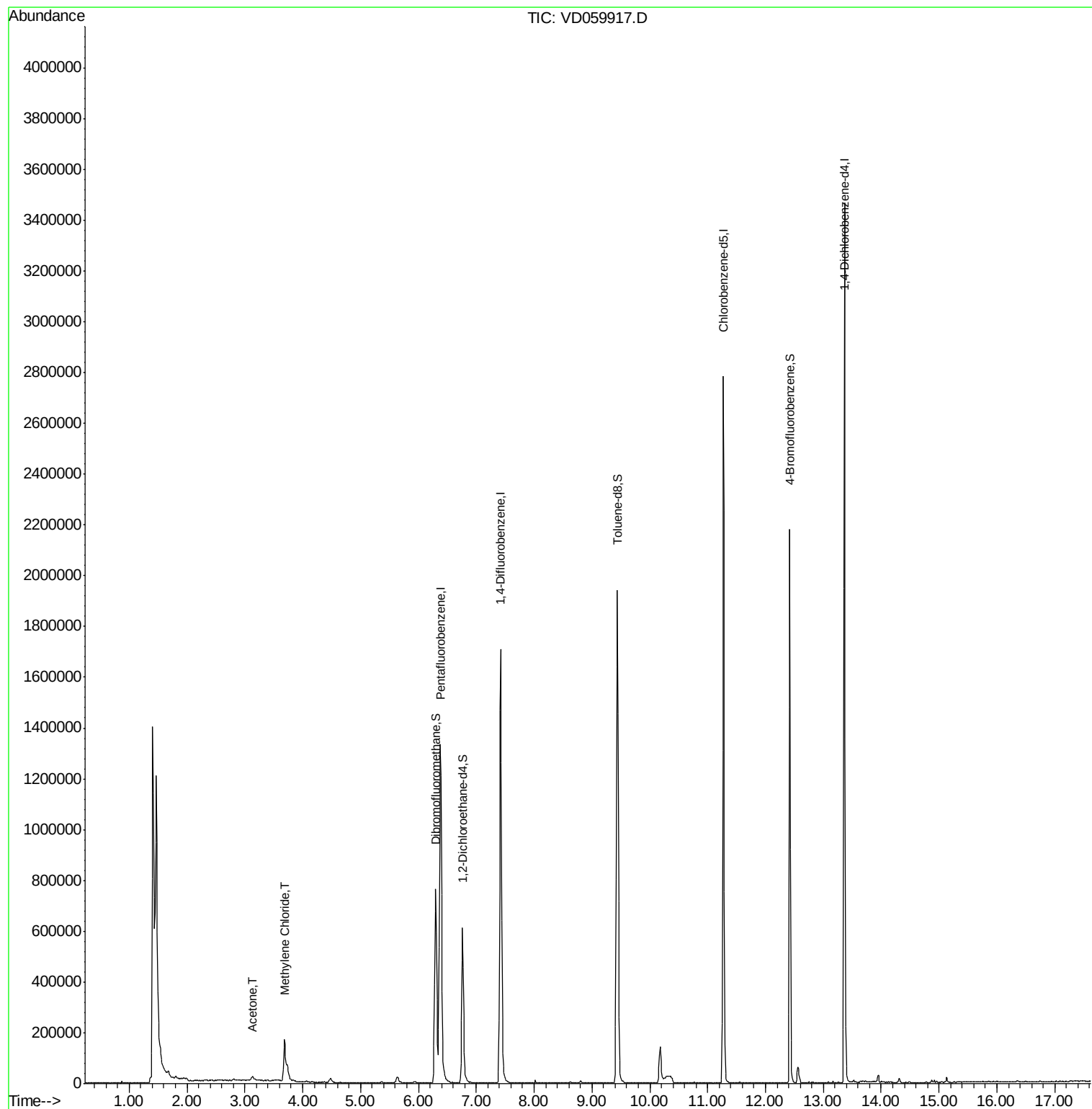
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.13	43	28776	14.79	ug/l	91
20) Methylene Chloride	3.68	84	86023	3.14	ug/l	98

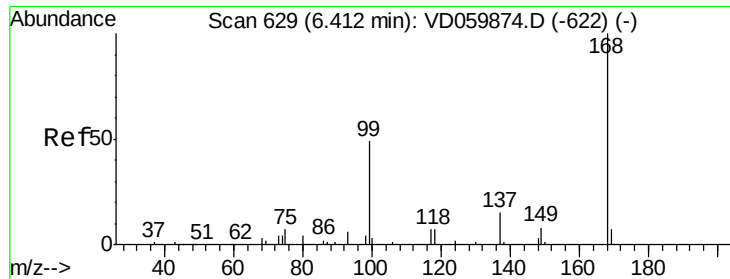
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.03 min

Lab File: VD059917.D

Acq: 27 Aug 2018 16:06

Instrument :

MSVOA_D

ClientSampleId :

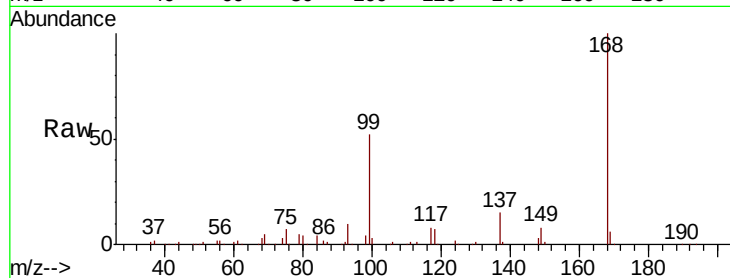
EP1-Q4-C7RE

Tot Ion:168 Resp: 1266933

Ion Ratio Lower Upper

168 100

99 52.1 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

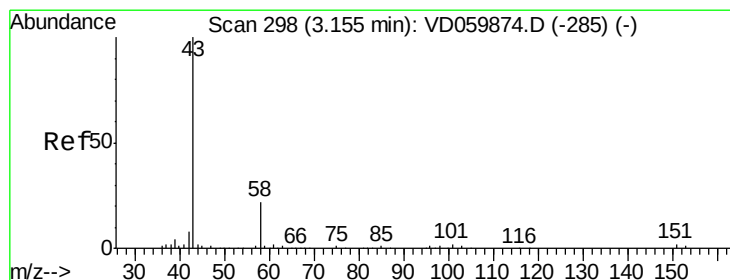
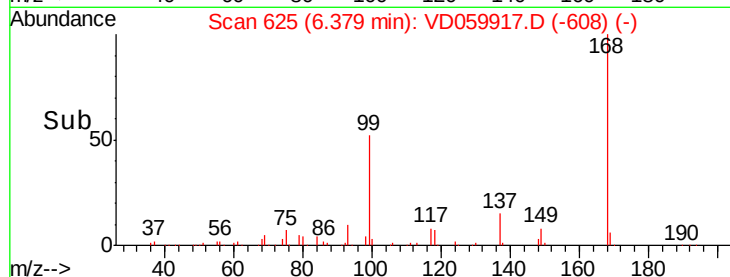
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 14.79 ug/l

RT: 3.13 min Scan# 295

Delta R.T. -0.02 min

Lab File: VD059917.D

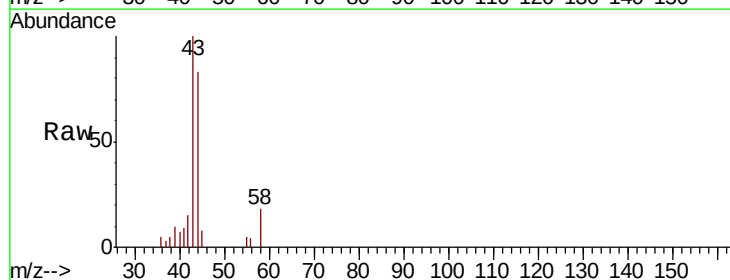
Acq: 27 Aug 2018 16:06

Tgt Ion: 43 Resp: 28776

Ion Ratio Lower Upper

43 100

58 17.9 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

12000

10000

8000

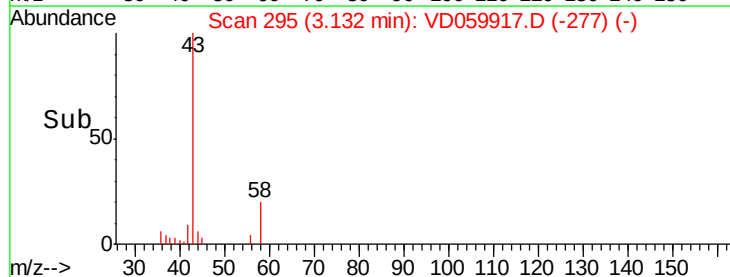
6000

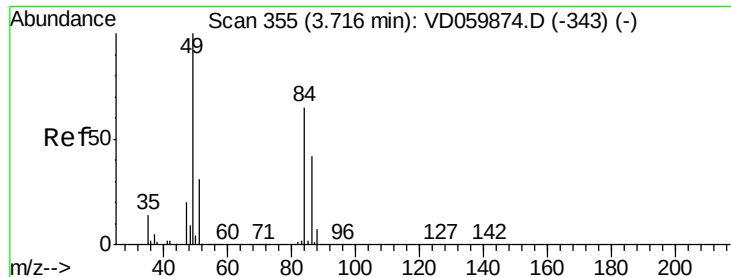
4000

2000

0

Time--> 3.00 3.10 3.20

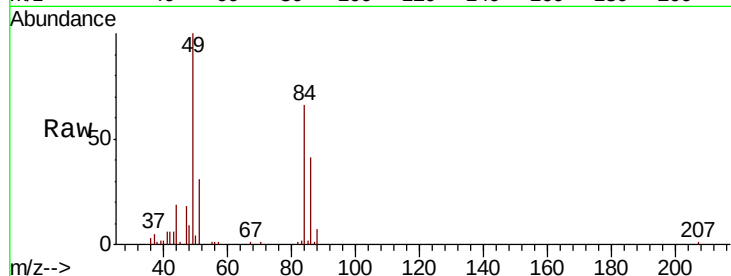




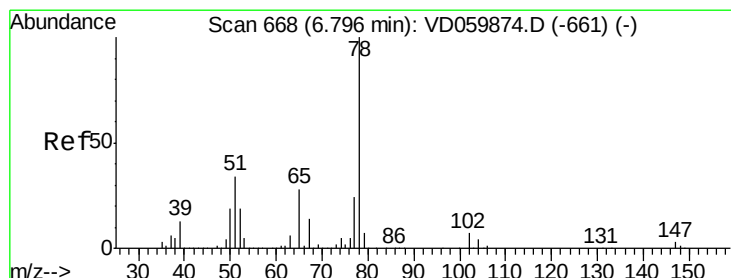
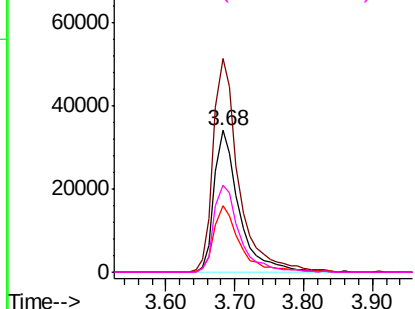
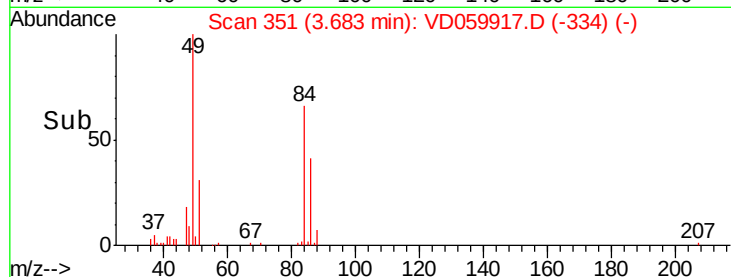
#20
Methylene Chloride
Concen: 3.14 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.03 min
Lab File: VD059917.D
Acq: 27 Aug 2018 16:06

Instrument :
MSVOA_D
ClientSampleId :
EP1-Q4-C7RE

Tot Ion: 84 Resp: 86023
Ion Ratio Lower Upper
84 100
49 150.8 122.6 183.8
51 47.5 38.4 57.6
86 61.3 51.5 77.3

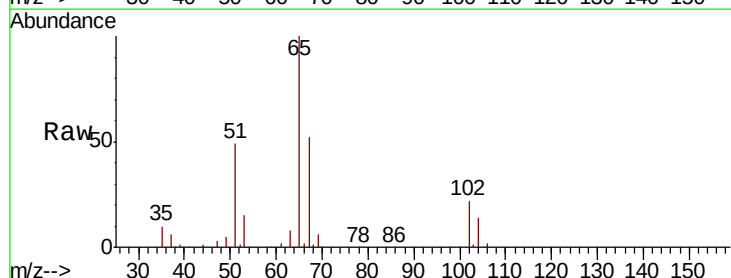


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

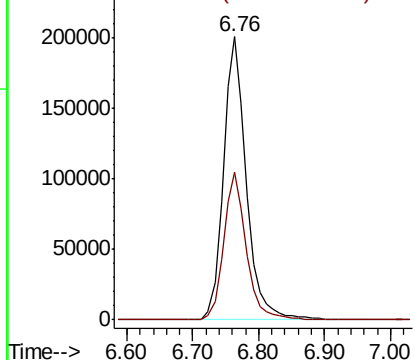
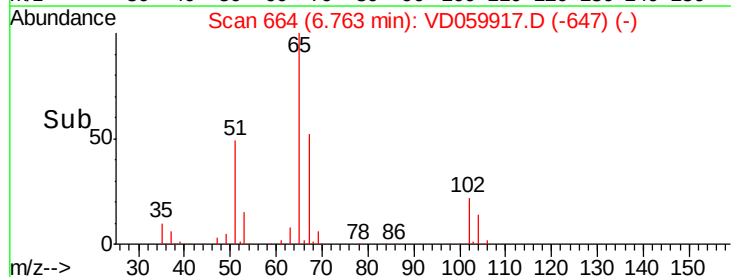


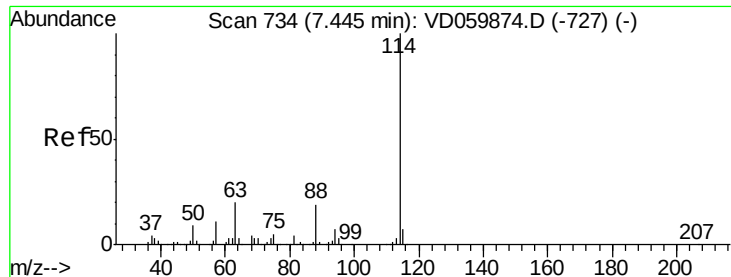
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.03 min
Lab File: VD059917.D
Acq: 27 Aug 2018 16:06

Tgt Ion: 65 Resp: 482154
Ion Ratio Lower Upper
65 100
67 52.3 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. -0.02 min

Lab File: VD059917.D

Acq: 27 Aug 2018 16:06

Instrument :

MSVOA_D

ClientSampleId :

EP1-Q4-C7RE

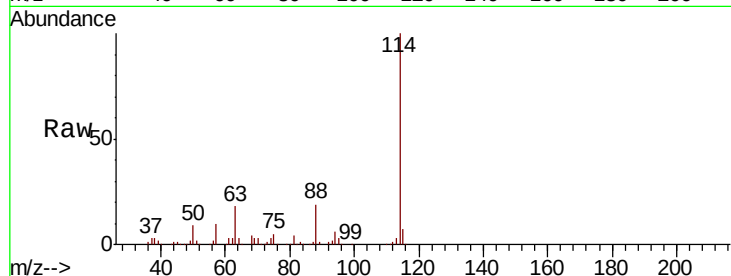
Tot Ion:114 Resp: 1697304

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.4

88 18.7 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

7.42

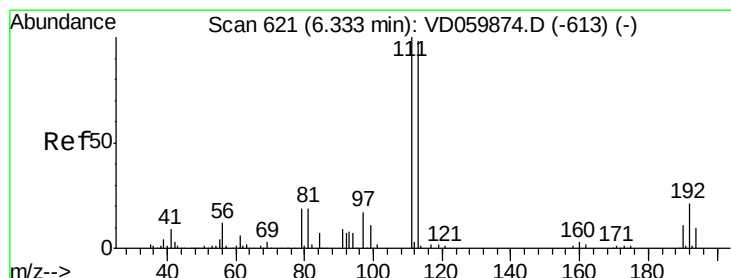
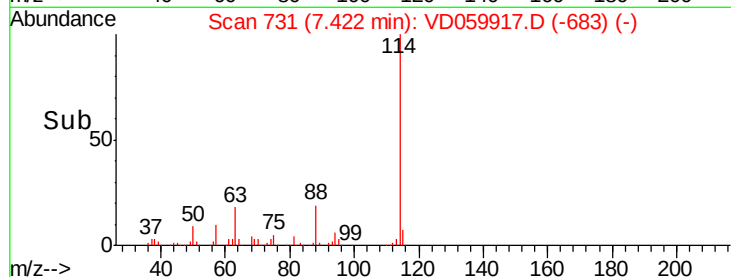
600000

400000

200000

0

Time--> 7.20 7.40 7.60



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.03 min

Lab File: VD059917.D

Acq: 27 Aug 2018 16:06

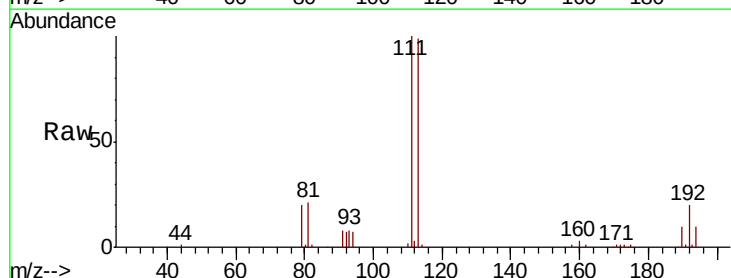
Tgt Ion:113 Resp: 578582

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.2

192 20.4 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

6.30

300000

250000

200000

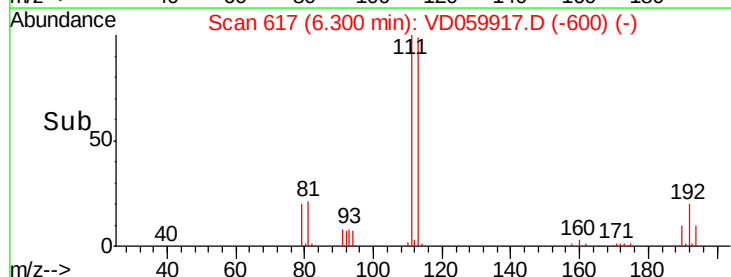
150000

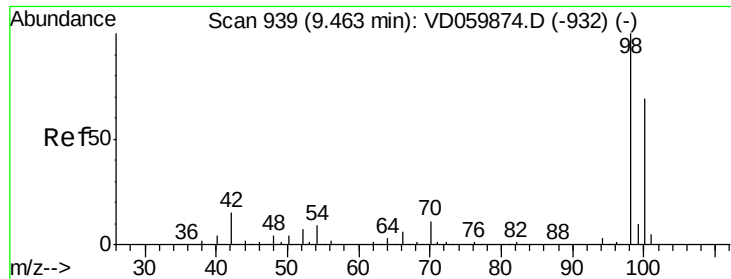
100000

50000

0

Time--> 6.20 6.30 6.40 6.50

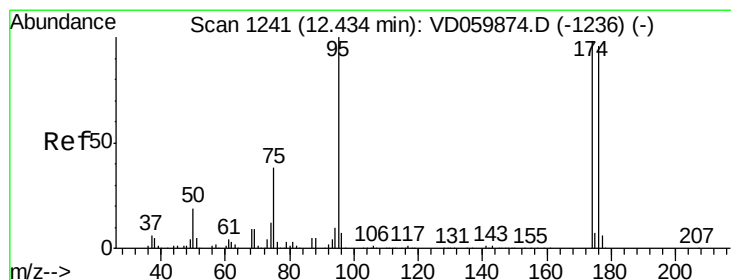
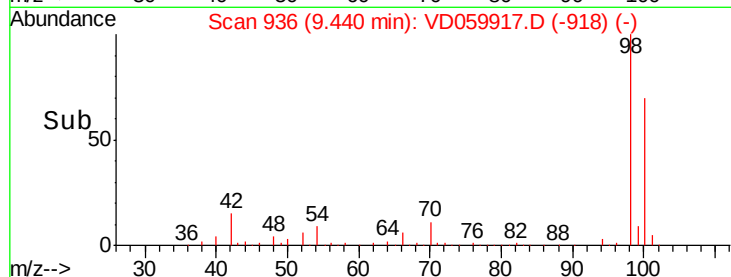
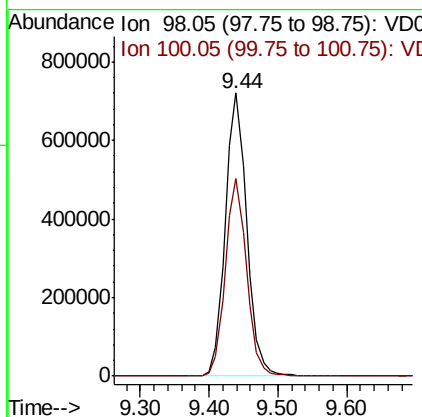
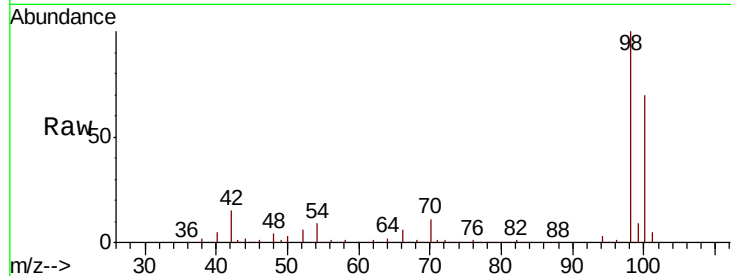




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.02 min
Lab File: VD059917.D
Acq: 27 Aug 2018 16:06

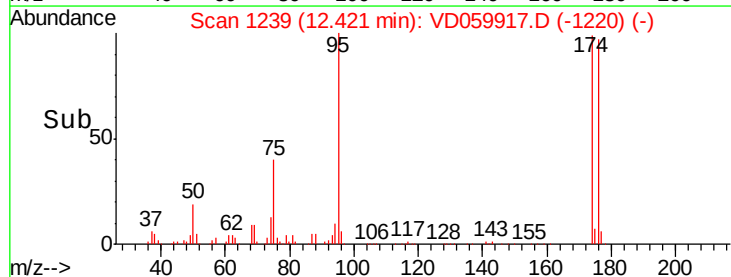
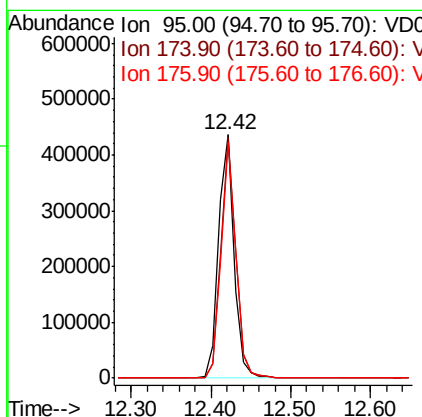
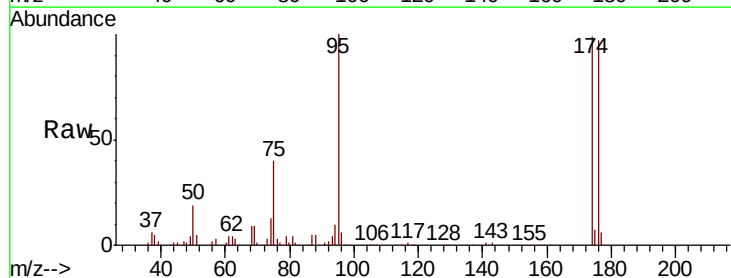
Instrument :
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EP1-Q4-C7RE

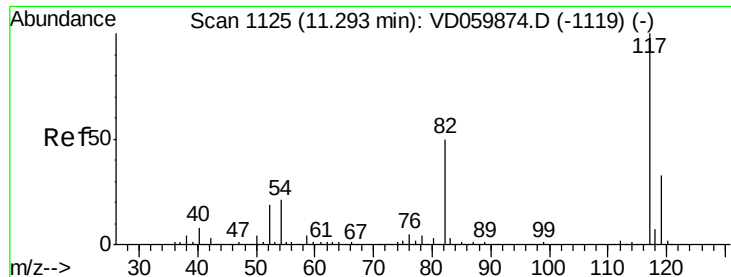
Tot Ion: 98 Resp: 1552588
Ion Ratio Lower Upper
98 100
100 69.8 55.8 83.6



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VD059917.D
Acq: 27 Aug 2018 16:06

Tgt Ion: 95 Resp: 604479
Ion Ratio Lower Upper
95 100
174 98.9 0.0 195.6
176 97.0 0.0 191.2

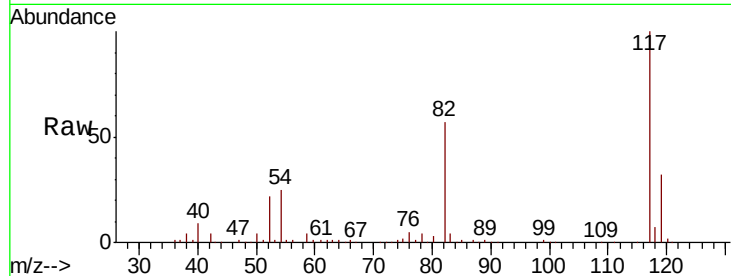




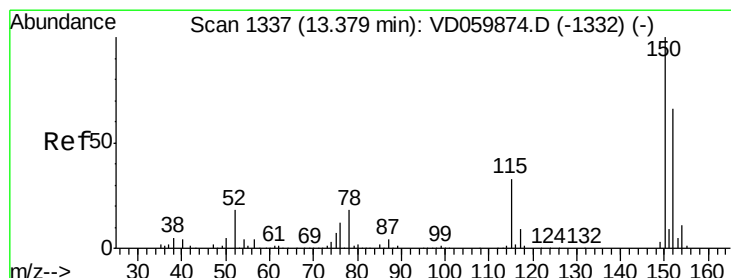
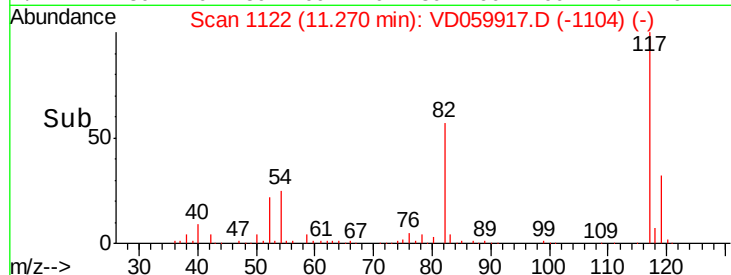
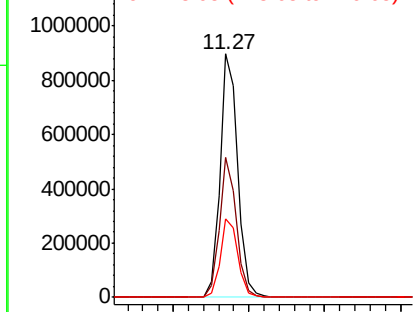
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VD059917.D
Acq: 27 Aug 2018 16:06

Instrument :
MSVOA_D
ClientSampleId :
EP1-Q4-C7RE

Tot Ion:117 Resp: 1460523
Ion Ratio Lower Upper
117 100
82 57.4 40.1 60.1
119 32.2 26.7 40.1

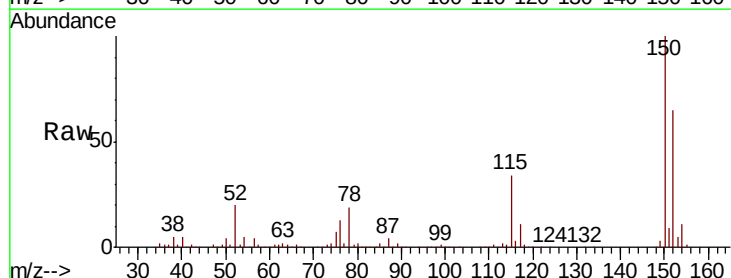


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059917.D
Acq: 27 Aug 2018 16:06

Tgt Ion:152 Resp: 746036
Ion Ratio Lower Upper
152 100
115 51.9 25.7 77.0
150 153.3 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

