

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061733.D
 Acq On : 11 Apr 2019 10:57
 Operator : VA/AP
 Sample : K2338-12
 Misc : 6.36g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-SHALLOW

Quant Time: Apr 11 11:28:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.04
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-8.21
63) Chlorobenzene-d5	12.36	117	185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-14.52

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		0.00	65	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	
35) Dibromofluoromethane		0.00	113	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	
50) Toluene-d8		0.00	98	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene		0.00	95	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	

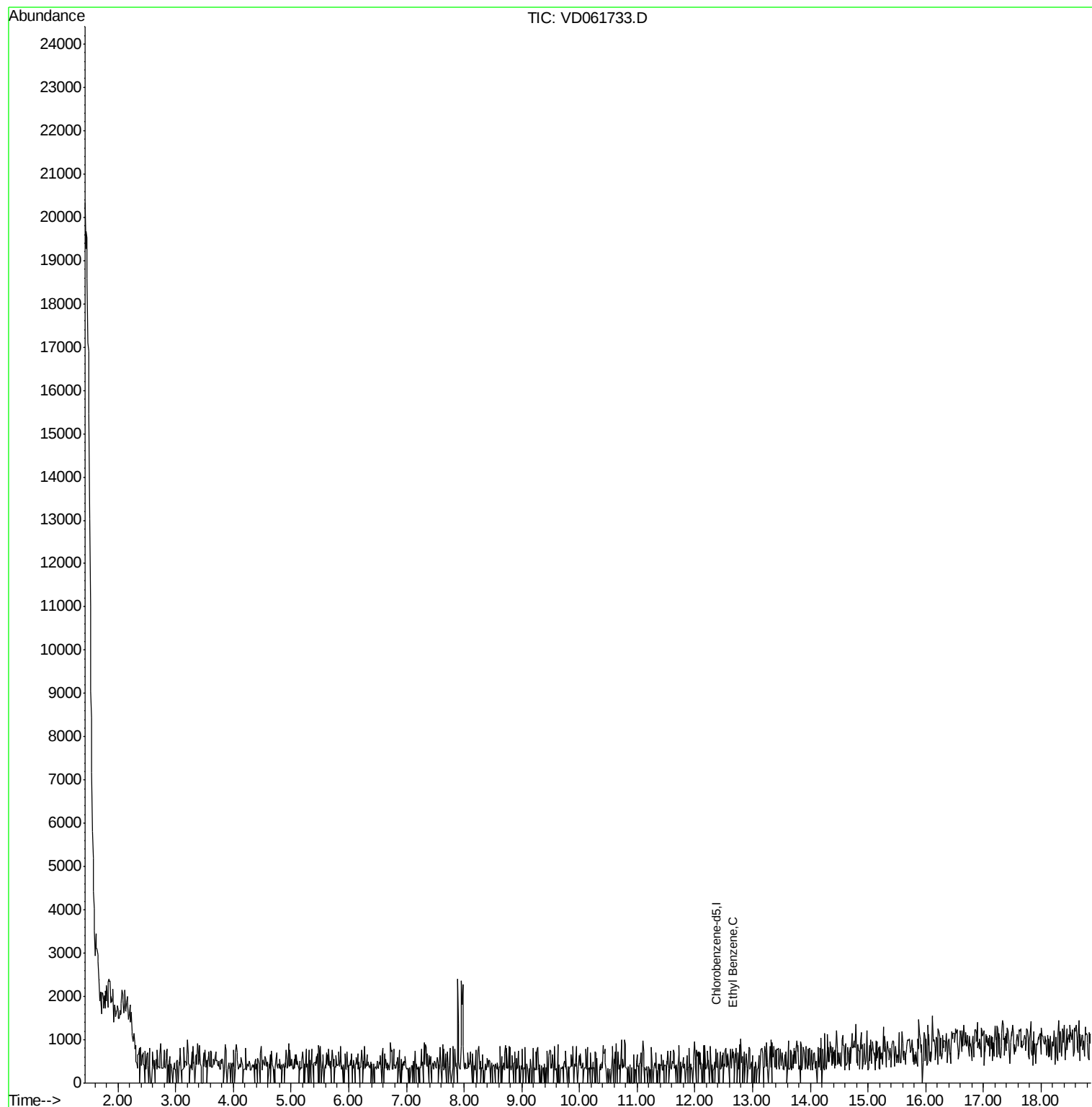
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	12.67	91	190	34.009	ug/l #	44

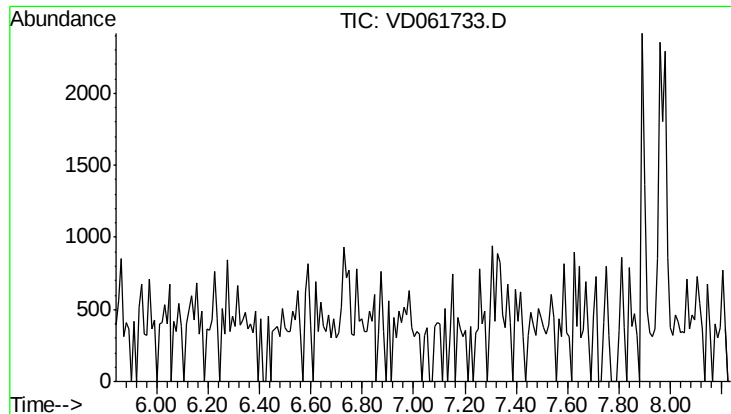
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 7.04 min

Lab File: VD061733.D

Acq: 11 Apr 2019 10:57

Tot Ion: 168

Sig Exp Ratio

168 100

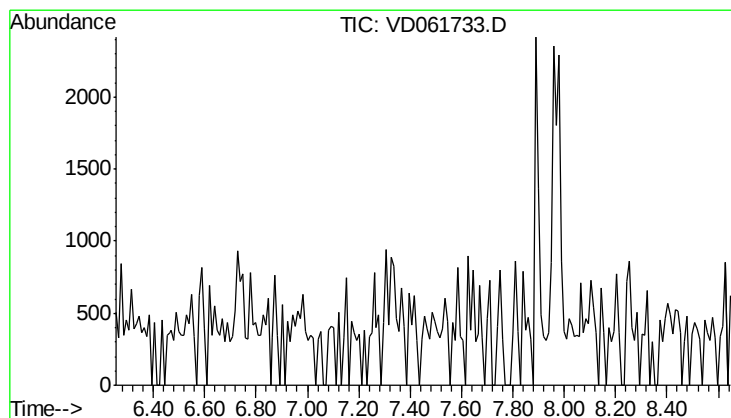
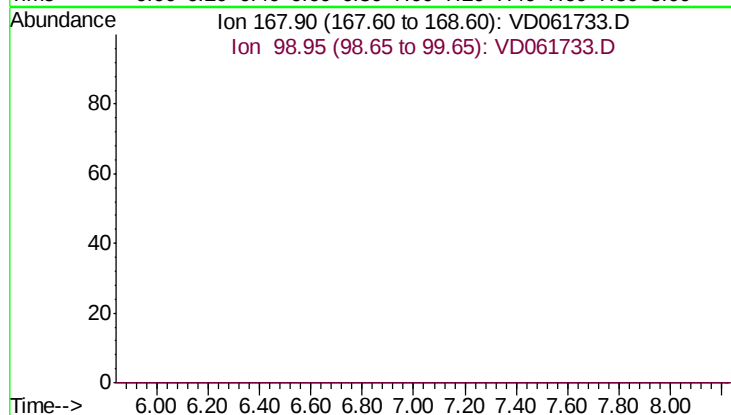
99 58.5

Instrument :

MSVOA_D

ClientSampleId :

TP-3-SHALLOW



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

Expected RT: 7.45 min

Lab File: VD061733.D

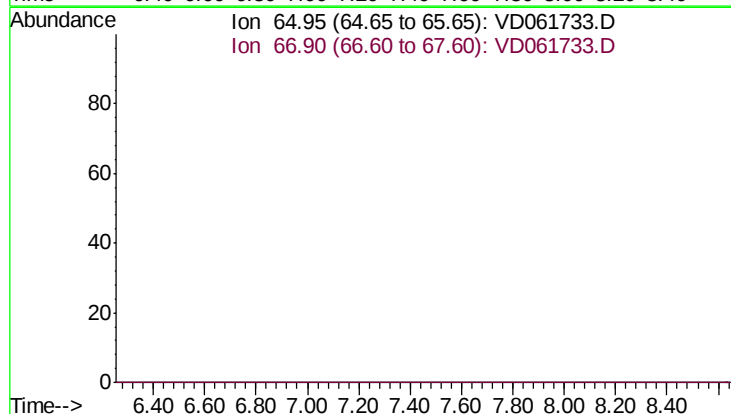
Acq: 11 Apr 2019 10:57

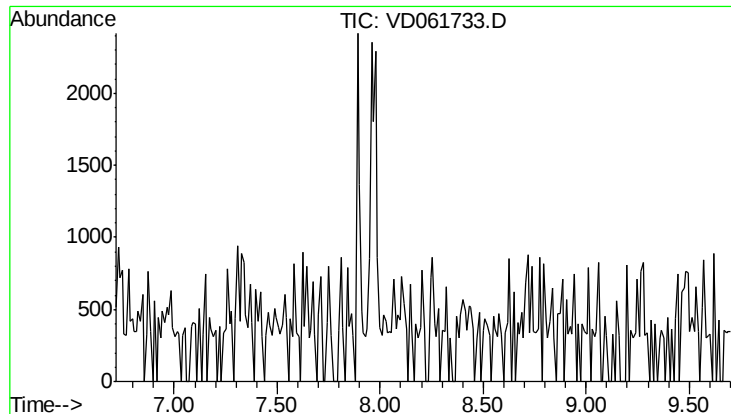
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.7

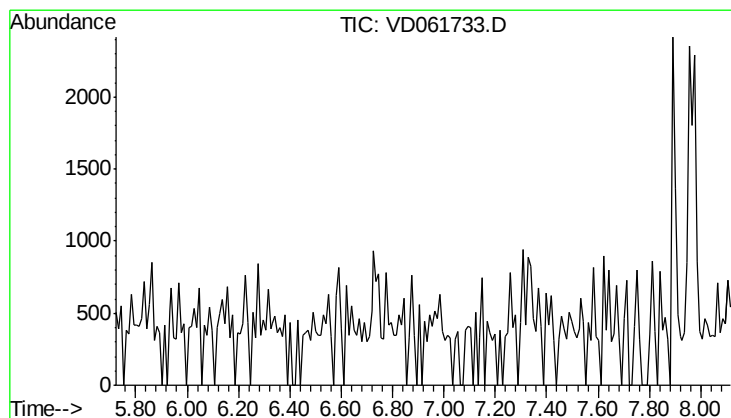
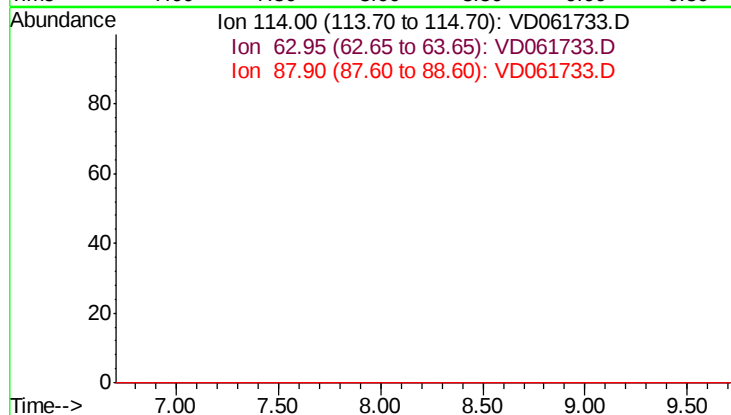




#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.21 min
 Lab File: VD061733.D
 Acq: 11 Apr 2019 10:57

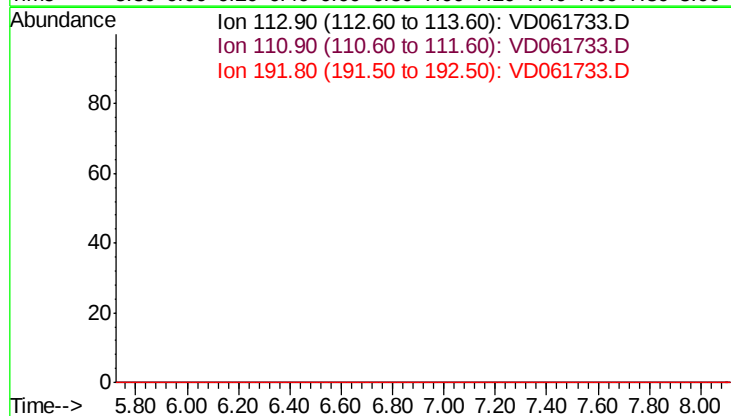
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-SHALLOW

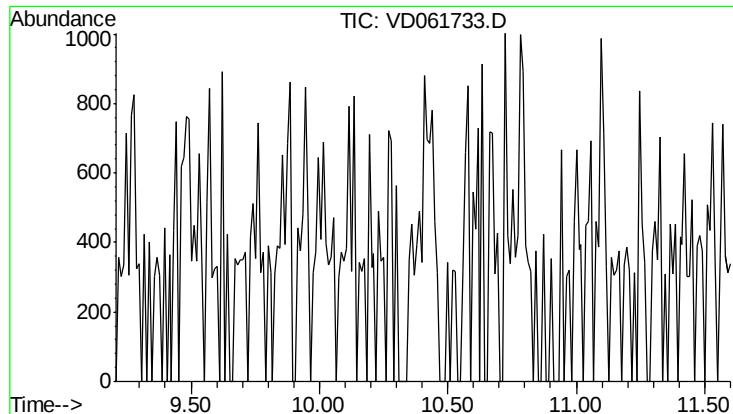
Tot Ion	114
Sig	Exp Ratio
114	100
63	15.6
88	15.9



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 6.92 min
 Lab File: VD061733.D
 Acq: 11 Apr 2019 10:57

Tgt Ion	113
Sig	Exp Ratio
113	100
111	99.1
192	15.4

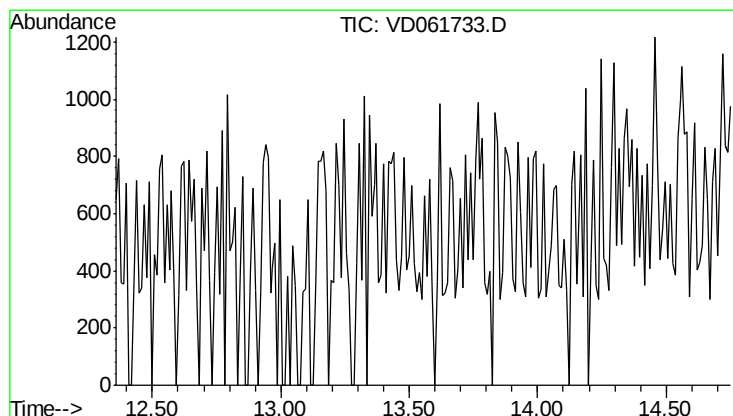
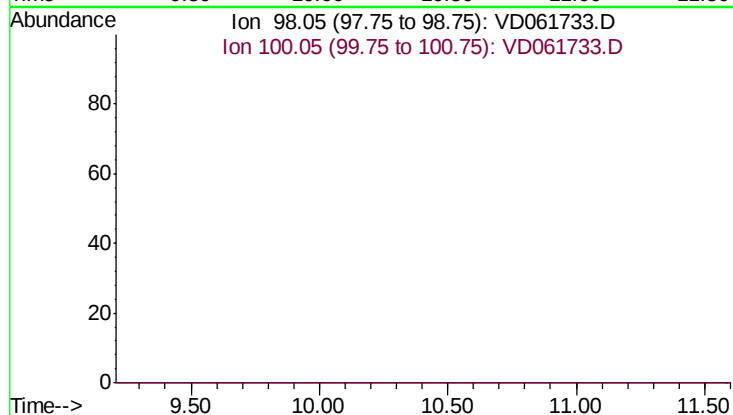




#50
Toluene-d8
Concen: N.D. ug/l
Expected RT: 10.40 min
Lab File: VD061733.D
Acq: 11 Apr 2019 10:57

Instrument :
MSVOA_D
ClientSampleId :
TP-3-SHALLOW

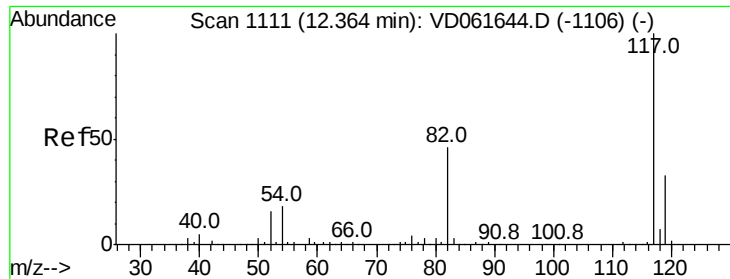
Tot Ion: 98
Sig Exp Ratio
98 100
100 69.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
Expected RT: 13.55 min
Lab File: VD061733.D
Acq: 11 Apr 2019 10:57

Tgt Ion: 95
Sig Exp Ratio
95 100
174 82.3
176 82.5





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD061733.D

Acq: 11 Apr 2019 10:57

Instrument :

MSVOA_D

ClientSampleId :

TP-3-SHALLOW

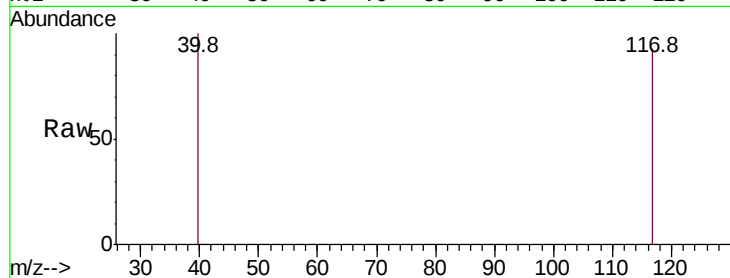
Tot Ion:117 Resp: 185

Ion Ratio Lower Upper

117 100

82 0.0 36.8 55.2#

119 0.0 26.1 39.1#



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

12.36

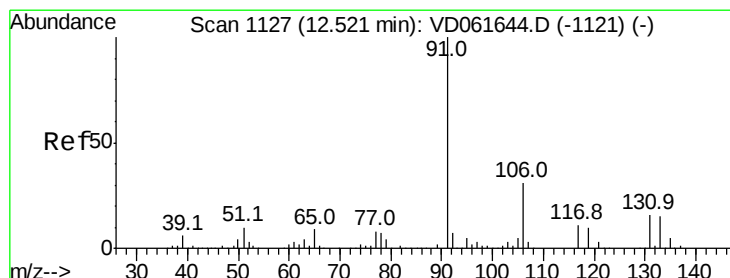
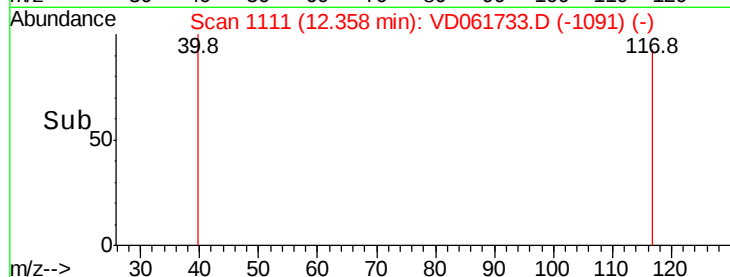
300

200

100

0

Time--> 12.32 12.34 12.36 12.38



#67

Ethyl Benzene

Concen: 34.009 ug/l

RT: 12.67 min Scan# 1143

Delta R.T. 0.15 min

Lab File: VD061733.D

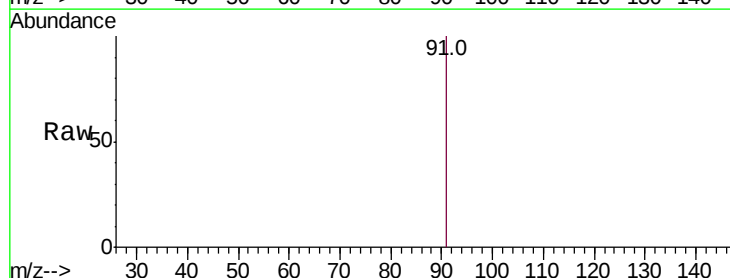
Acq: 11 Apr 2019 10:57

Tgt Ion: 91 Resp: 190

Ion Ratio Lower Upper

91 100

106 0.0 24.6 37.0#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

12.67

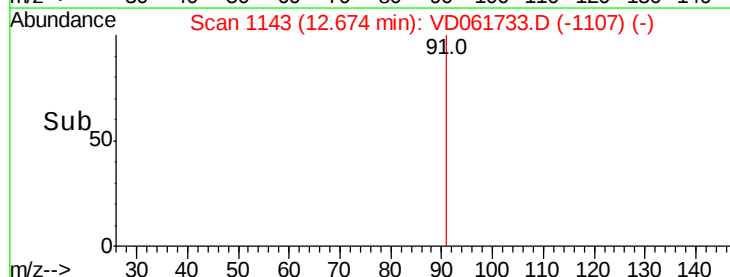
300

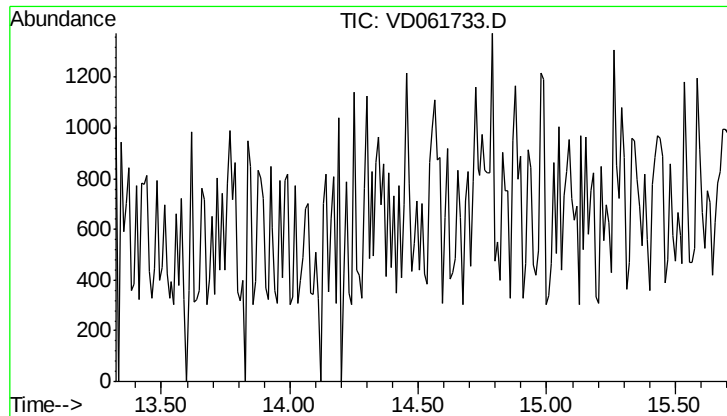
200

100

0

Time--> 12.64 12.66 12.68





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 14.52 min
Lab File: VD061733.D
Acq: 11 Apr 2019 10:57

Instrument :
MSVOA_D
ClientSampleId :
TP-3-SHALLOW

Tot Ion	152
Sig	Exp Ratio
152	100
115	52.8
150	160.3

