

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062791.D
 Acq On : 20 Jun 2019 13:59
 Operator : VA/AP
 Sample : K3447-03RE
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SIDEWALL-1RE

Quant Time: Jun 21 06:56:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	46554	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	67368	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	68885	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	39114	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	44848	88.63	ug/l	0.02
Spiked Amount	50.000		Recovery	=	177.26%	
35) Dibromofluoromethane	6.95	113	40800	71.83	ug/l	0.02
Spiked Amount	50.000		Recovery	=	143.66%	
50) Toluene-d8	10.44	98	75059	60.71	ug/l	0.02
Spiked Amount	50.000		Recovery	=	121.42%	
62) 4-Bromofluorobenzene	13.57	95	36952	65.73	ug/l	0.01
Spiked Amount	50.000		Recovery	=	131.46%	

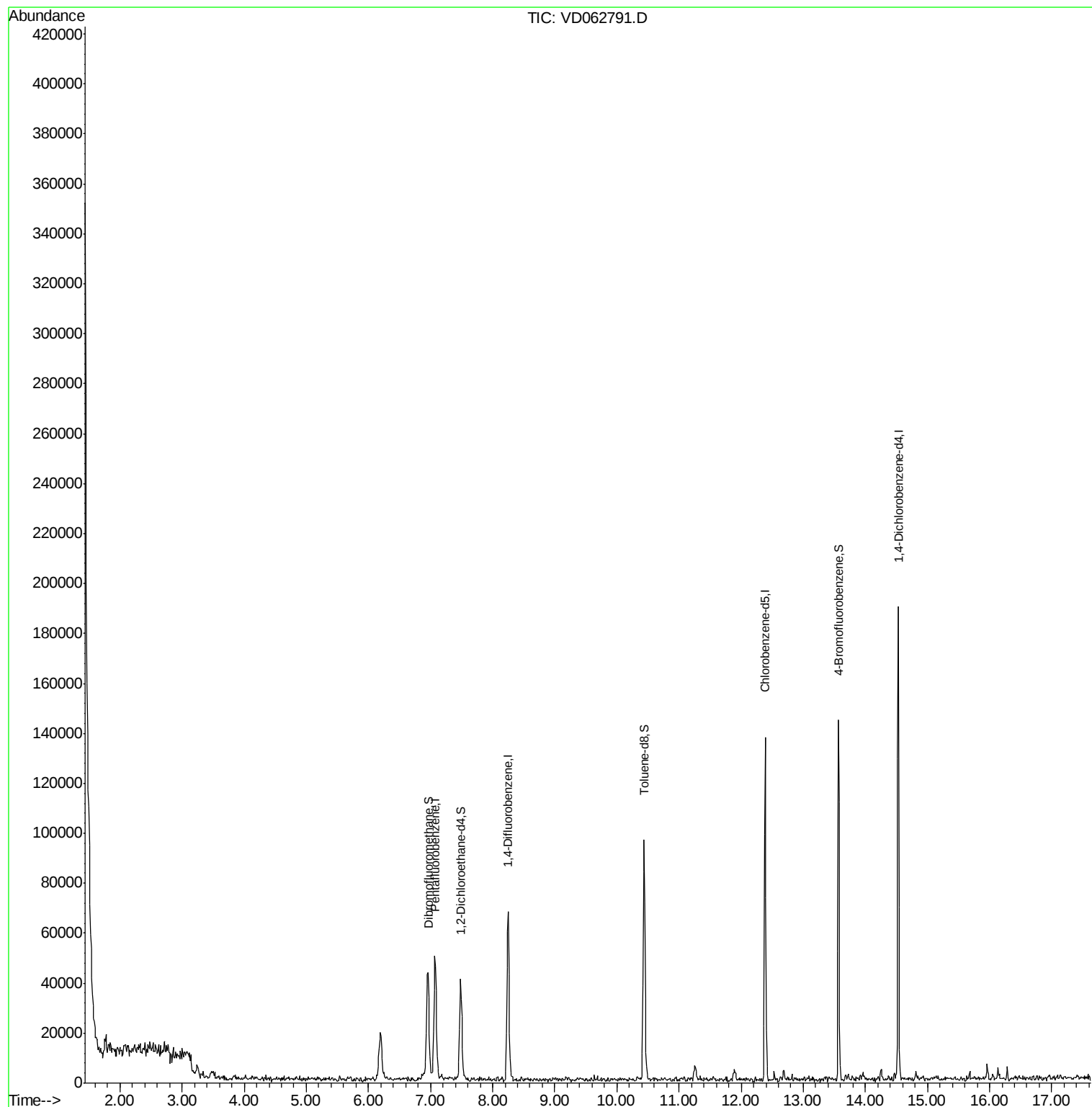
Target Compounds	Qvalue

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD062791.D

Acq: 20 Jun 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

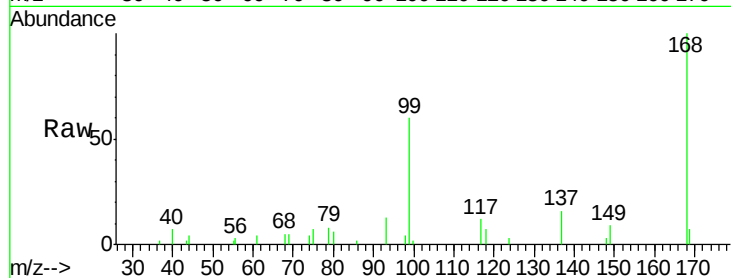
SIDEWALL-1RE

Tot Ion:168 Resp: 46554

Ion Ratio Lower Upper

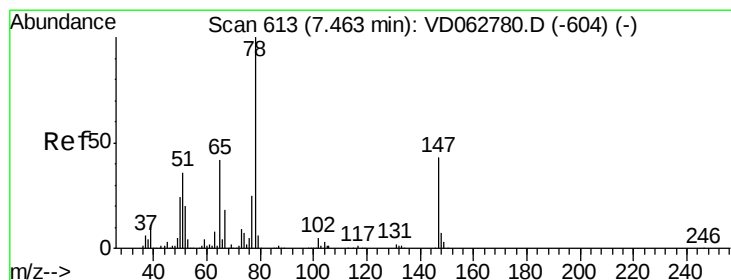
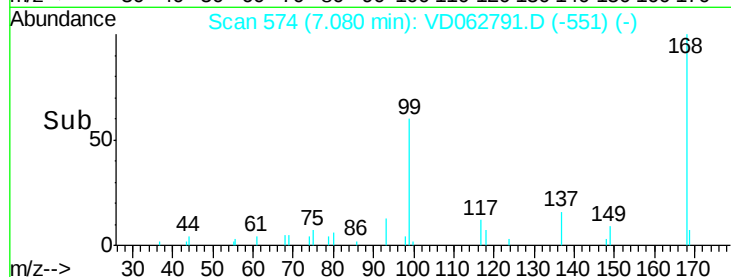
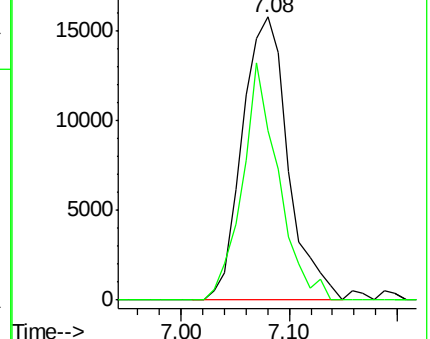
168 100

99 59.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 88.626 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD062791.D

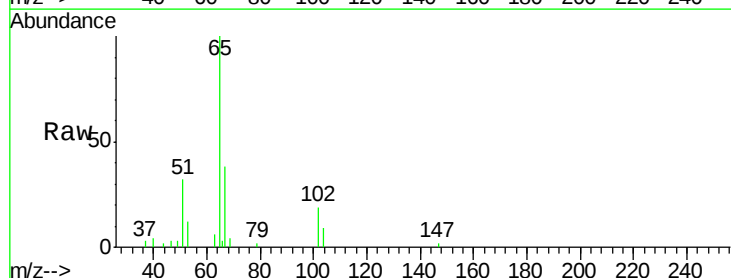
Acq: 20 Jun 2019 13:59

Tgt Ion: 65 Resp: 44848

Ion Ratio Lower Upper

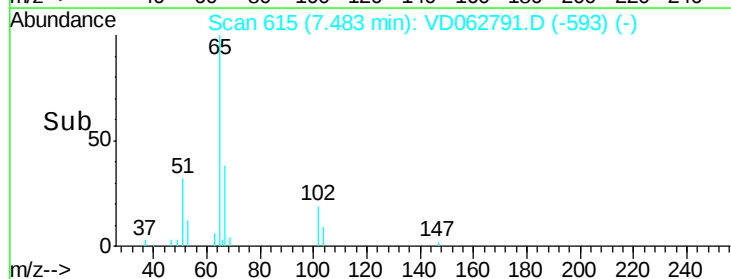
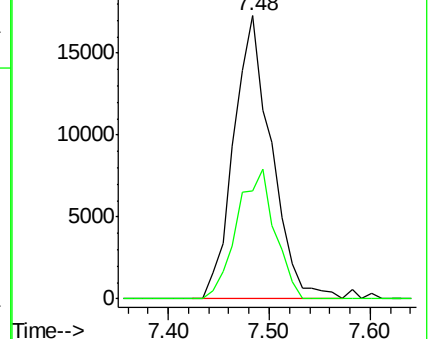
65 100

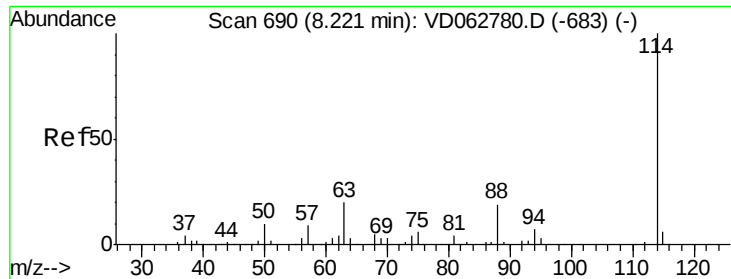
67 38.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

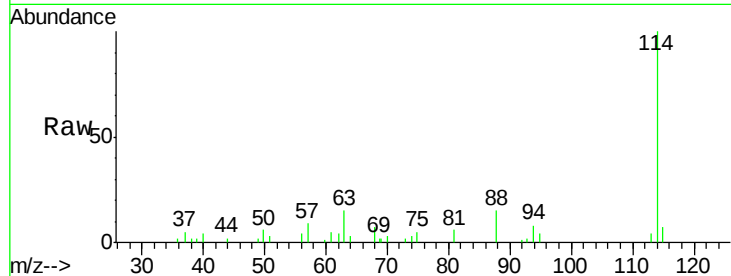




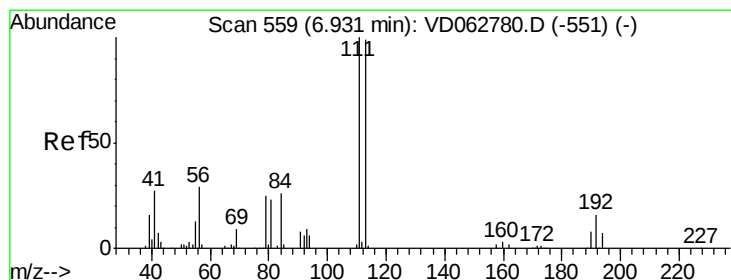
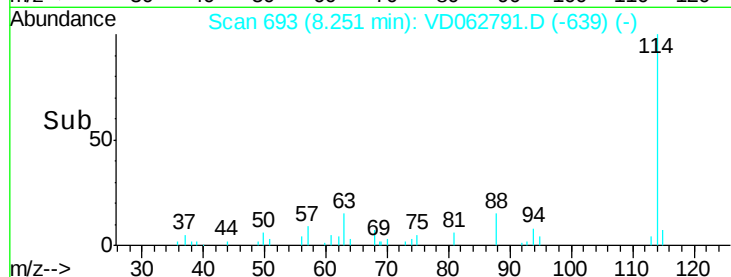
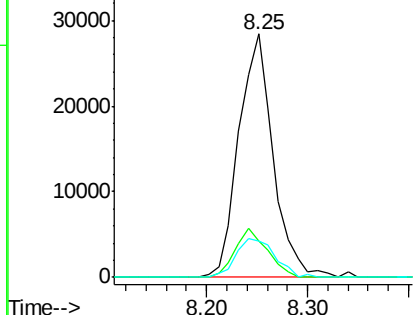
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD062791.D
 Acq: 20 Jun 2019 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SIDEWALL-1RE

Tot Ion:114 Resp: 67368
 Ion Ratio Lower Upper
 114 100
 63 14.8 0.0 40.0
 88 14.7 0.0 38.8

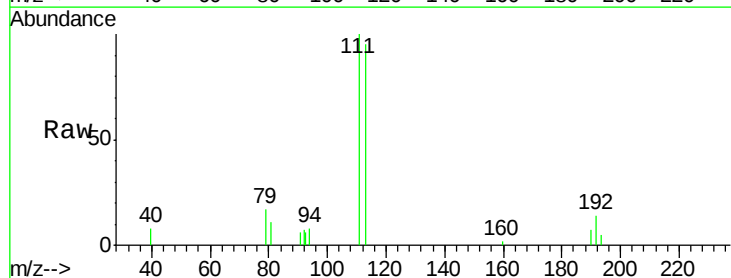


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

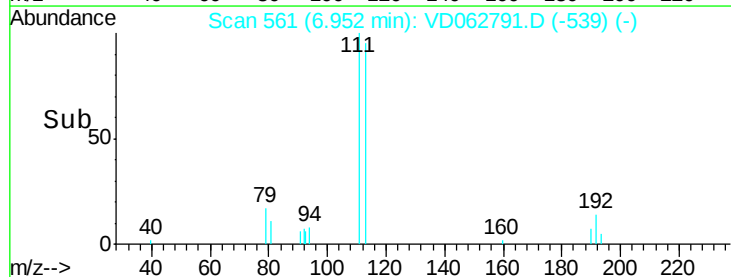
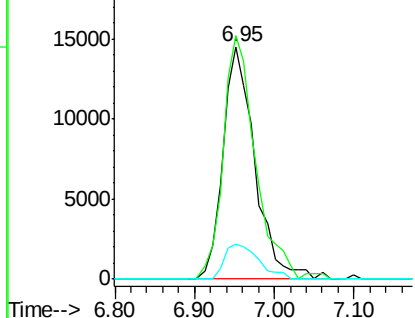


#35
 Dibromofluoromethane
 Concen: 71.825 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD062791.D
 Acq: 20 Jun 2019 13:59

Tgt Ion:113 Resp: 40800
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.2 121.8
 192 15.0 12.9 19.3



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: 60.711 ug/l

RT: 10.44 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD062791.D

Acq: 20 Jun 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

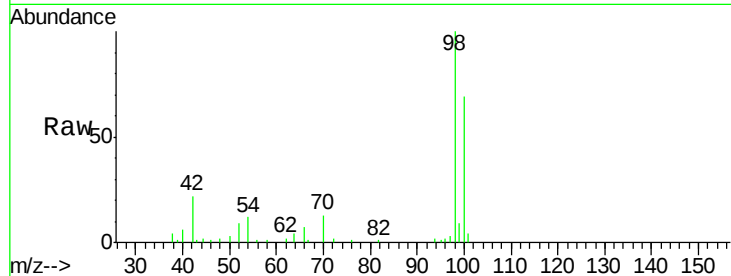
SIDEWALL-1RE

Tot Ion: 98 Resp: 75059

Ion Ratio Lower Upper

98 100

100 69.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.44

30000

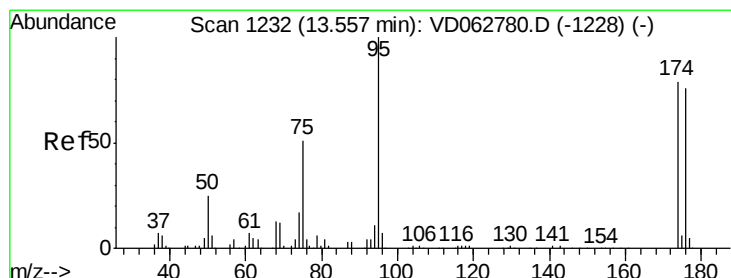
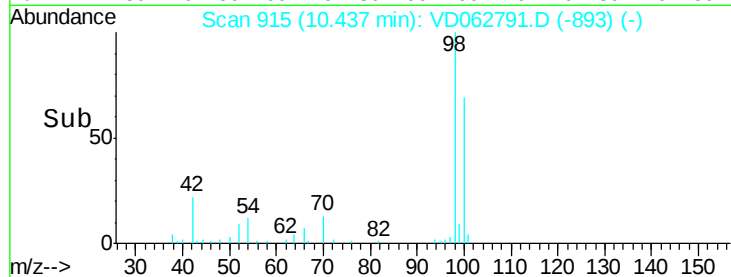
20000

10000

0

Time-->

10.40 10.50



#62

4-Bromofluorobenzene

Concen: 65.731 ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062791.D

Acq: 20 Jun 2019 13:59

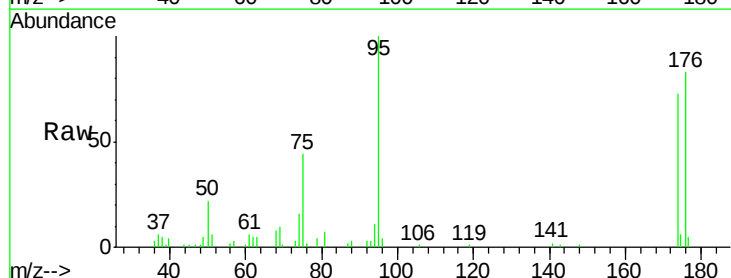
Tgt Ion: 95 Resp: 36952

Ion Ratio Lower Upper

95 100

174 72.8 0.0 158.0

176 83.3 0.0 151.6



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

13.57

40000

30000

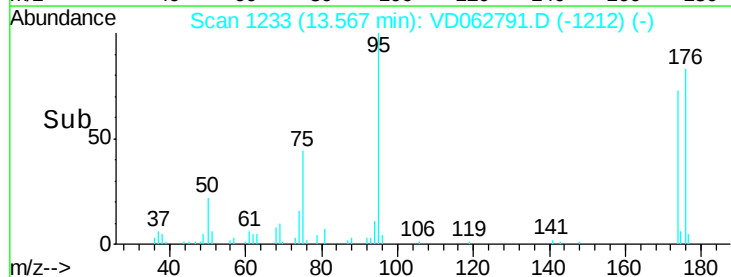
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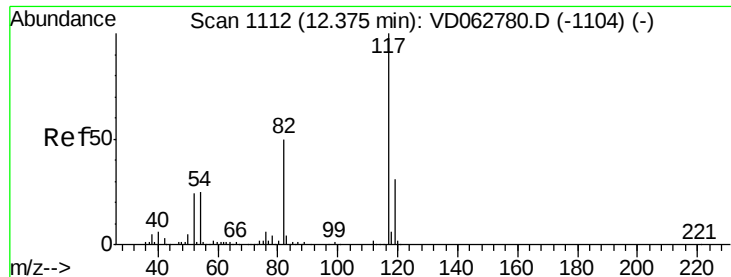
10000

0

Time-->

13.50 13.55 13.60

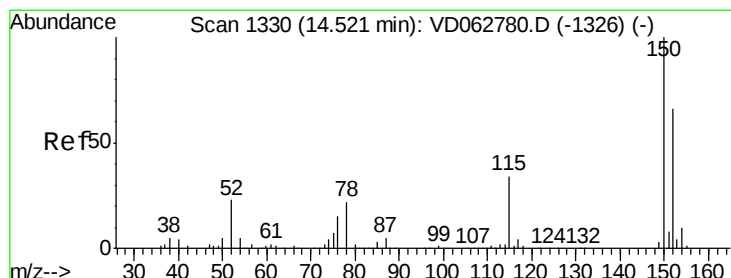
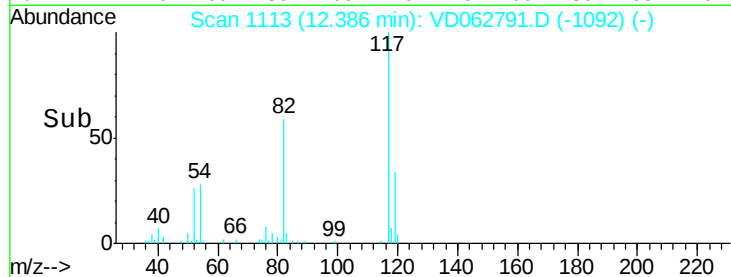
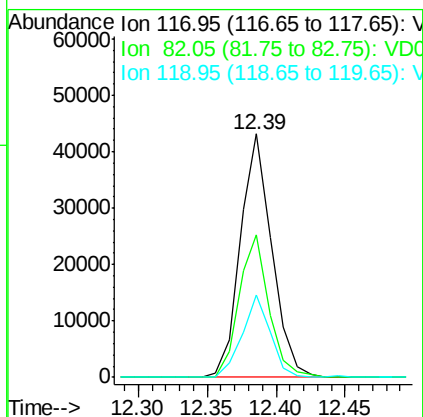
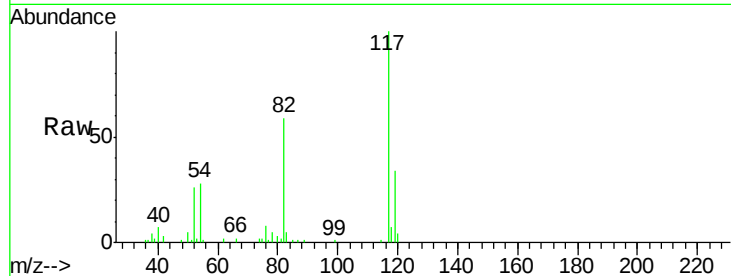




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062791.D
Acq: 20 Jun 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
SIDEWALL-1RE

Tot Ion:117 Resp: 68885
Ion Ratio Lower Upper
117 100
82 58.8 40.4 60.6
119 33.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062791.D
Acq: 20 Jun 2019 13:59

Tgt Ion:152 Resp: 39114
Ion Ratio Lower Upper
152 100
115 68.2 29.2 87.6
150 151.7 0.0 305.8

