

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062675.D
 Acq On : 12 Jun 2019 15:41
 Operator : VA/AP
 Sample : K3273-13
 Misc : 4.83g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8 1.0-1.5 060719

Quant Time: Jun 13 07:47:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

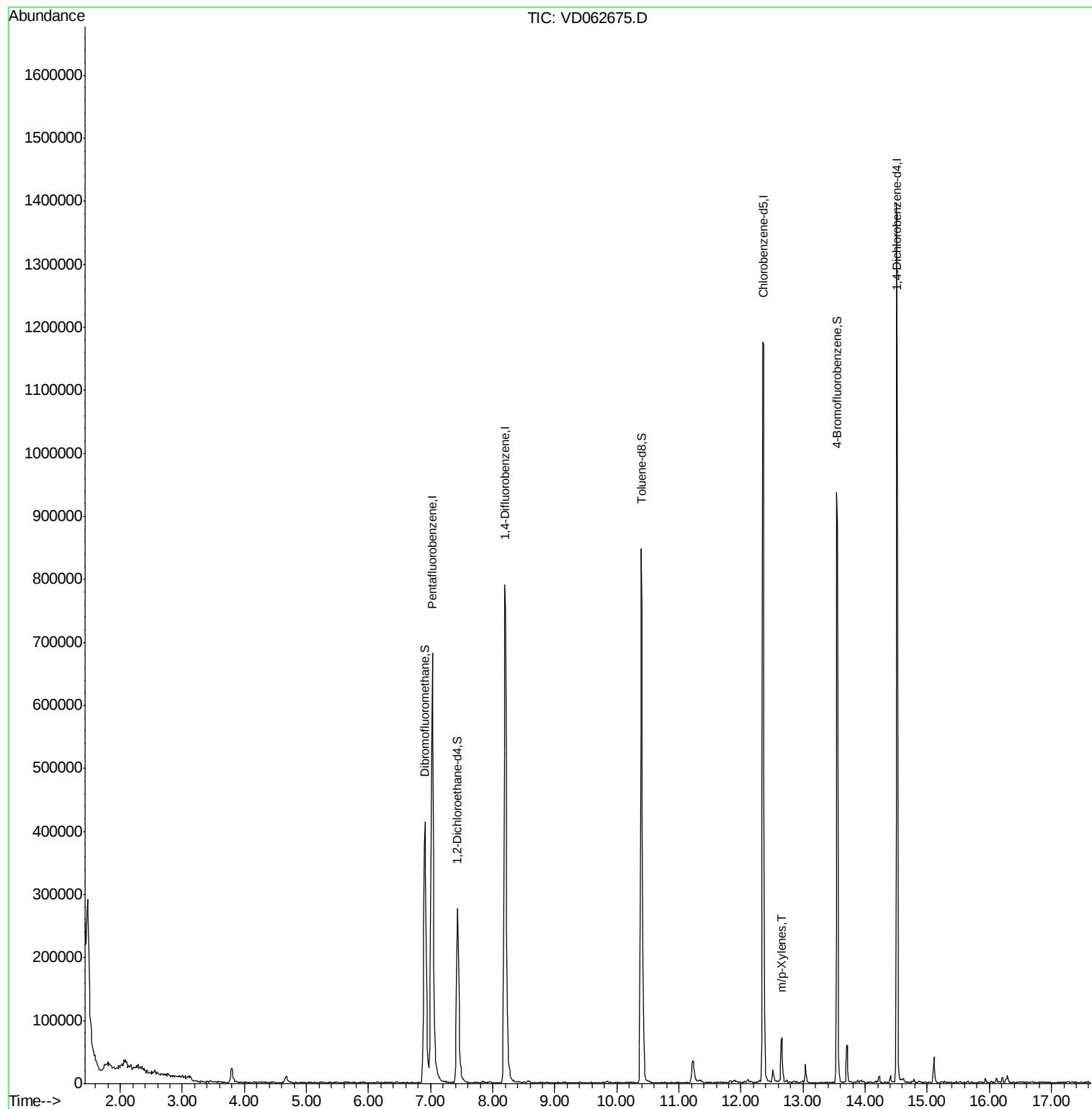
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	612919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	837436	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	651723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	289518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	337632	38.17	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	76.34%	
35) Dibromofluoromethane	6.91	113	360248	40.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.58%	
50) Toluene-d8	10.39	98	675752	36.37	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	72.74%	
62) 4-Bromofluorobenzene	13.54	95	274812	31.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.40%	
Target Compounds						
68) m/p-Xylenes	12.66	106	20583	2.291	ug/l	Qvalue 91

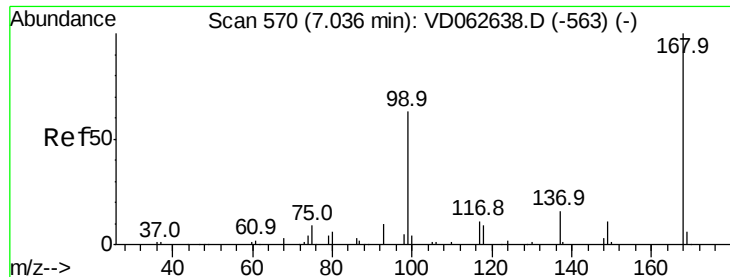
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD062675.D

Acq: 12 Jun 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

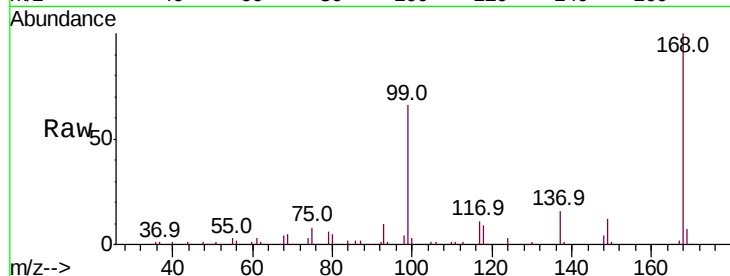
SB-8 1.0-1.5 060719

Tot Ion:168 Resp: 612919

Ion Ratio Lower Upper

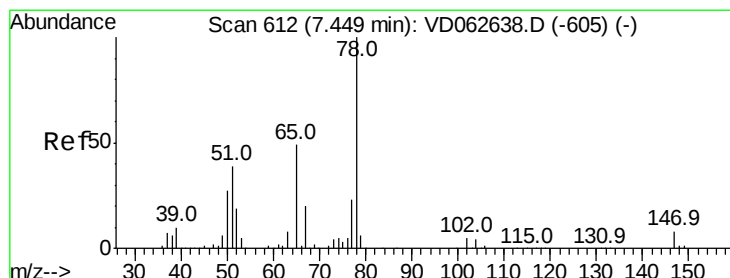
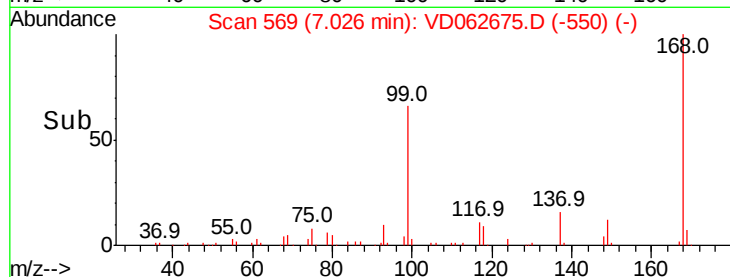
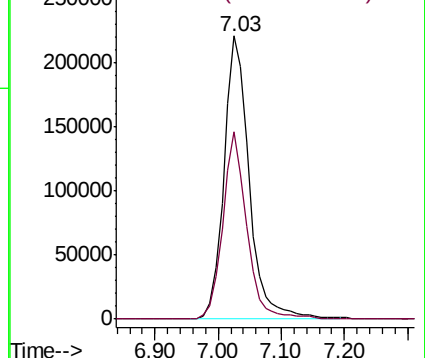
168 100

99 66.4 51.4 77.2



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: 38.175 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.02 min

Lab File: VD062675.D

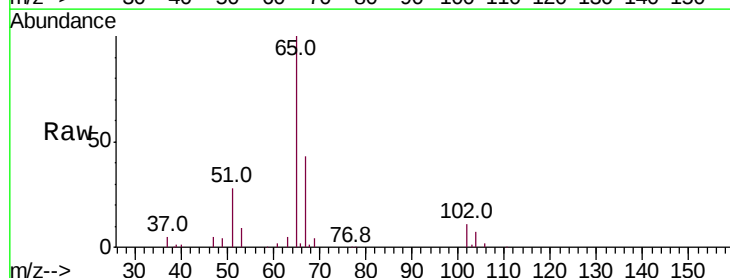
Acq: 12 Jun 2019 15:41

Tgt Ion: 65 Resp: 337632

Ion Ratio Lower Upper

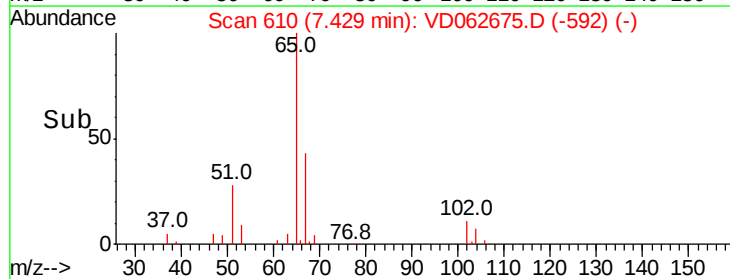
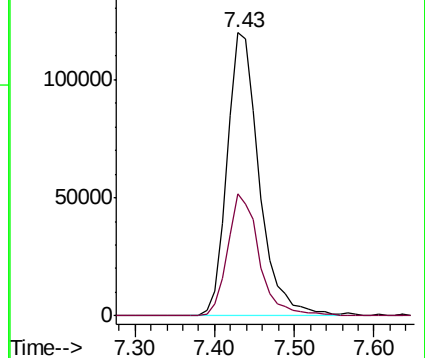
65 100

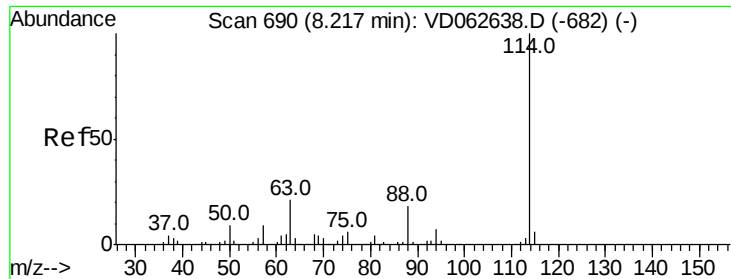
67 43.1 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062675.D

Acq: 12 Jun 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

SB-8 1.0-1.5 060719

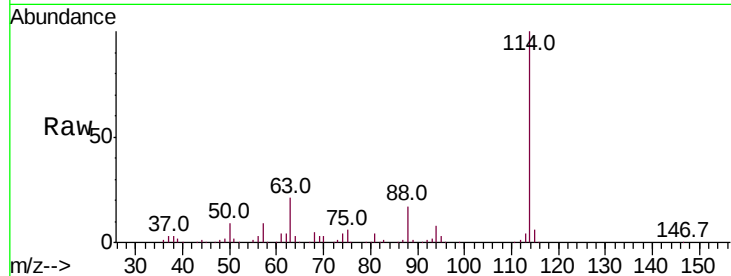
Tot Ion:114 Resp: 837436

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

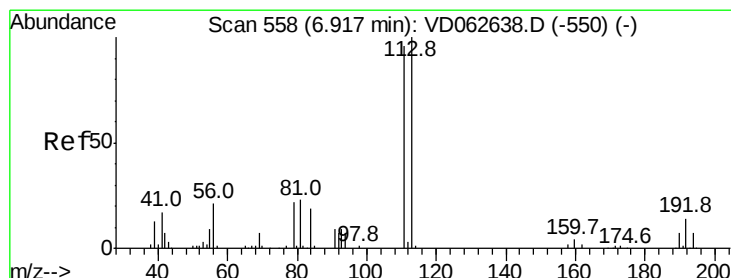
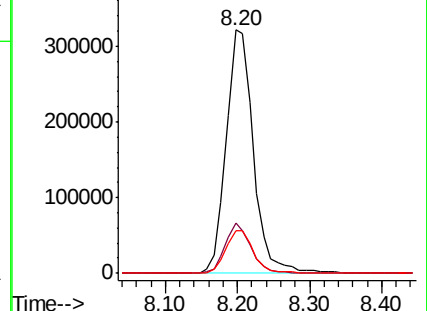
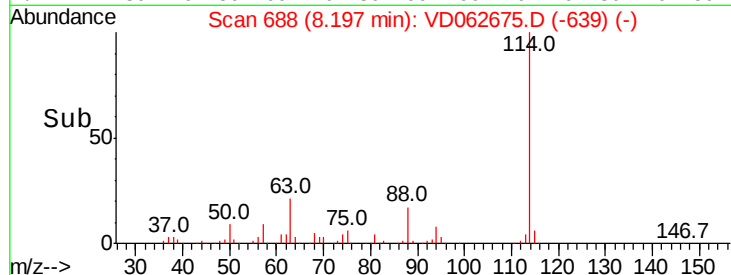
88 17.3 0.0 36.8



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: 40.790 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD062675.D

Acq: 12 Jun 2019 15:41

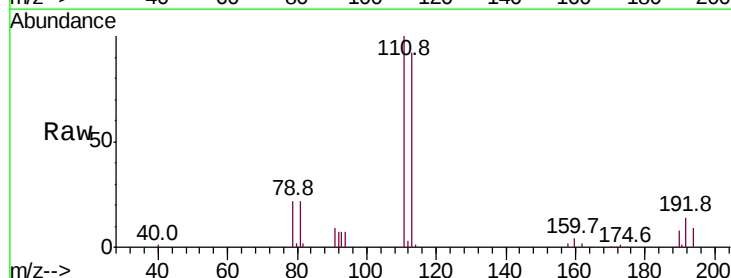
Tgt Ion:113 Resp: 360248

Ion Ratio Lower Upper

113 100

111 108.2 76.4 114.6

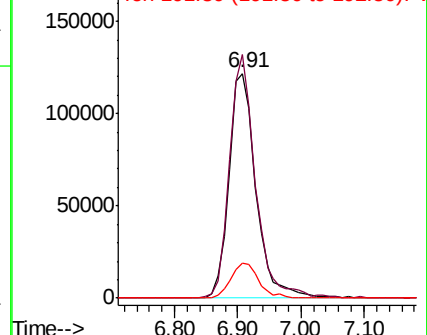
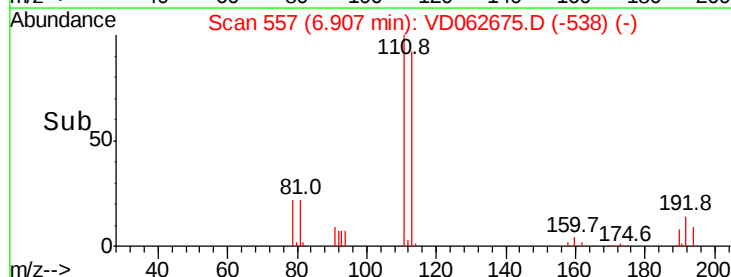
192 15.5 11.4 17.0

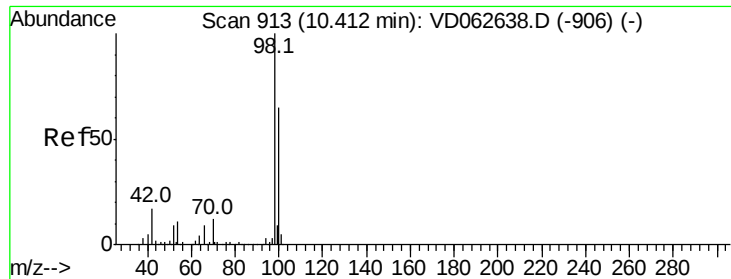


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

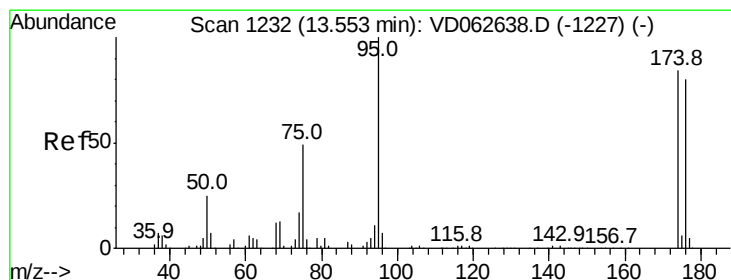
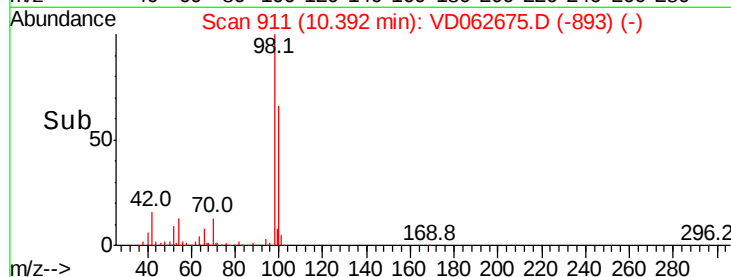
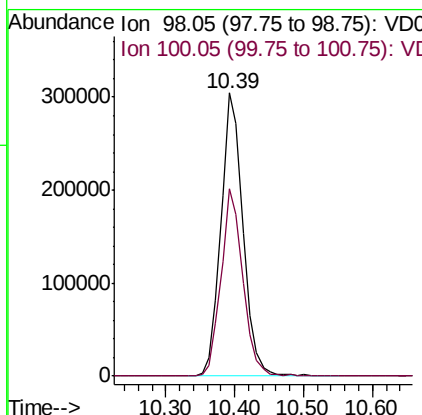
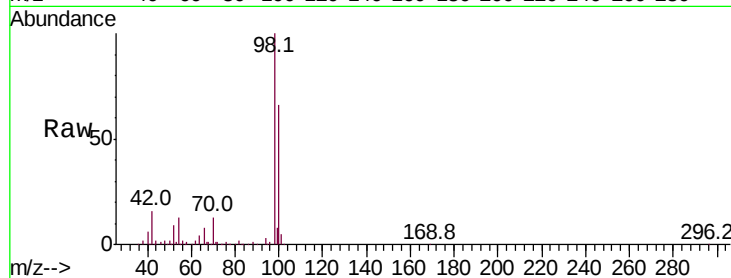




#50
Toluene-d8
Concen: 36.371 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062675.D
Acq: 12 Jun 2019 15:41

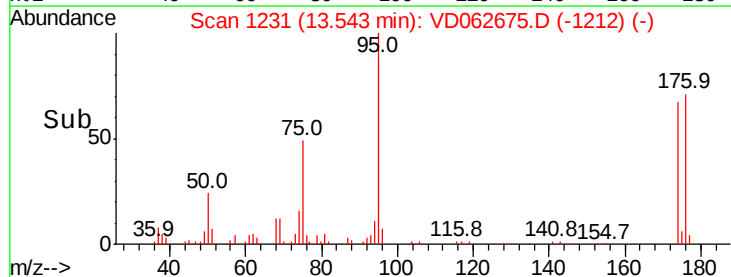
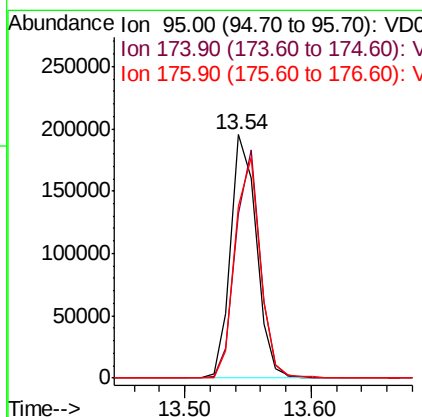
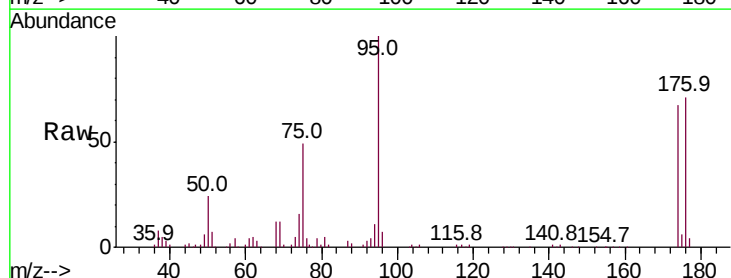
Instrument :
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ClientSampleId :
SB-8_1.0-1.5_060719

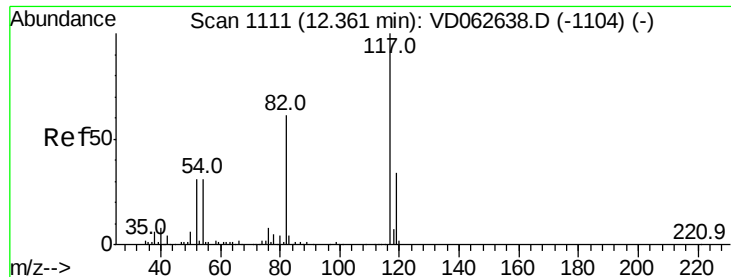
Tot Ion: 98 Resp: 675752
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 31.705 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062675.D
Acq: 12 Jun 2019 15:41

Tgt Ion: 95 Resp: 274812
Ion Ratio Lower Upper
95 100
174 67.5 0.0 167.0
176 70.6 0.0 159.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD062675.D

Acq: 12 Jun 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

SB-8_1.0-1.5_060719

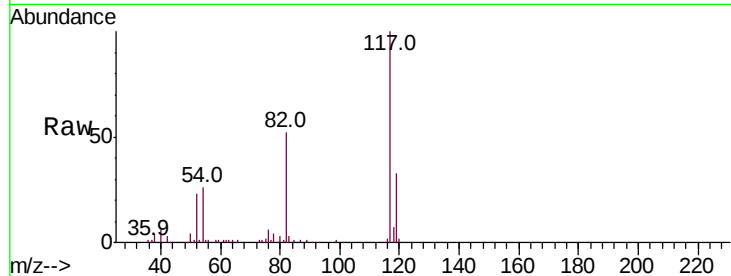
Tot Ion:117 Resp: 651723

Ion Ratio Lower Upper

117 100

82 51.8 48.7 73.1

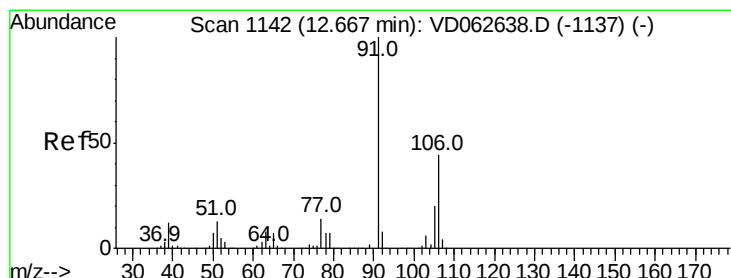
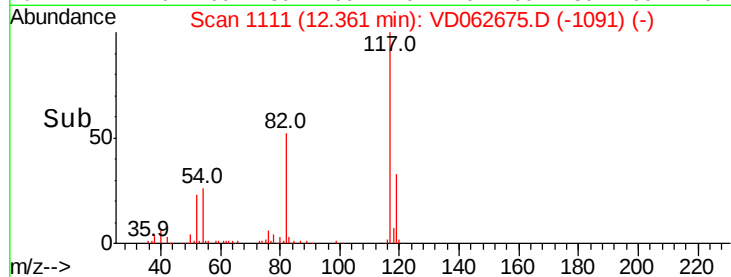
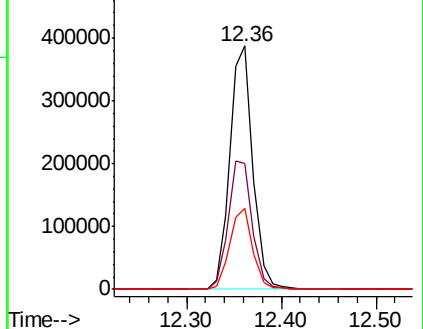
119 33.3 27.0 40.6



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



#68

m/p-Xylenes

Concen: 2.291 ug/l

RT: 12.66 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VD062675.D

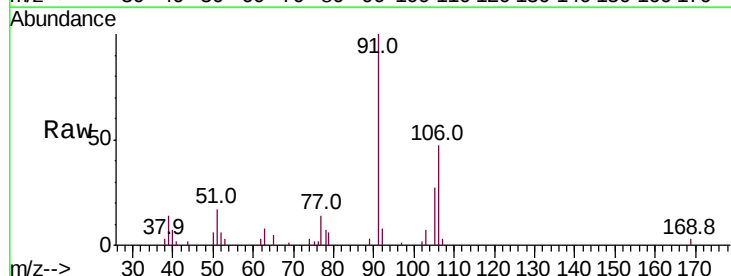
Acq: 12 Jun 2019 15:41

Tgt Ion:106 Resp: 20583

Ion Ratio Lower Upper

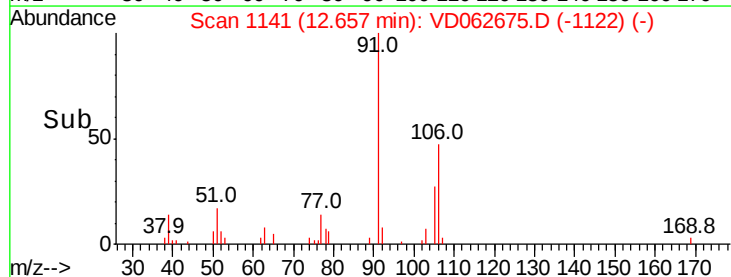
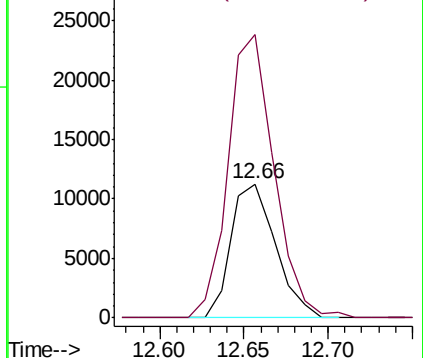
106 100

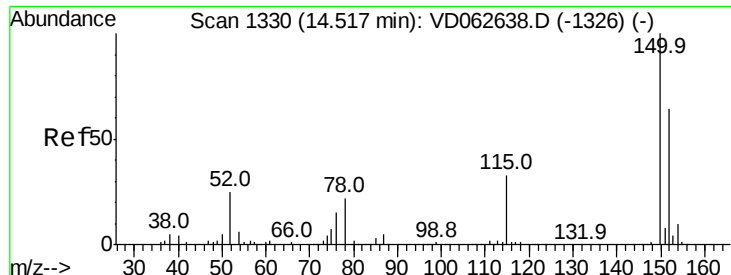
91 210.9 180.2 270.4



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V

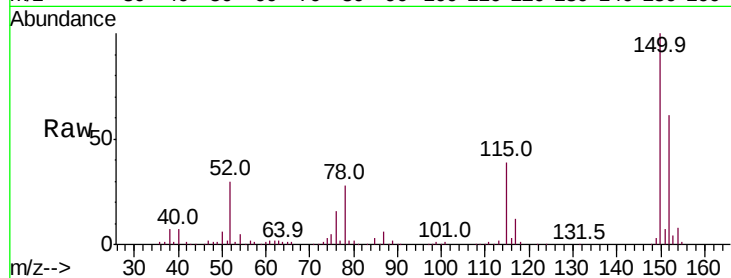




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD062675.D
 Acq: 12 Jun 2019 15:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8_1.0-1.5_060719

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.0	30.1	90.5
150	162.9	0.0	314.0



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

