

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062729.D
 Acq On : 17 Jun 2019 16:23
 Operator : VA/AP
 Sample : K3382-07
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GRAVEL-2

Quant Time: Jun 18 06:50:03 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	7.04	168	844445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1223731	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	984850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	508841	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	315327	25.88	ug/l	0.00
Spiked Amount			Recovery	=	51.76%	
35) Dibromofluoromethane	6.92	113	363327	28.15	ug/l	0.00
Spiked Amount			Recovery	=	56.30%	
50) Toluene-d8	10.41	98	717971	26.45	ug/l	0.00
Spiked Amount			Recovery	=	52.90%	
62) 4-Bromofluorobenzene	13.56	95	324743	25.64	ug/l	0.00
Spiked Amount			Recovery	=	51.28%	

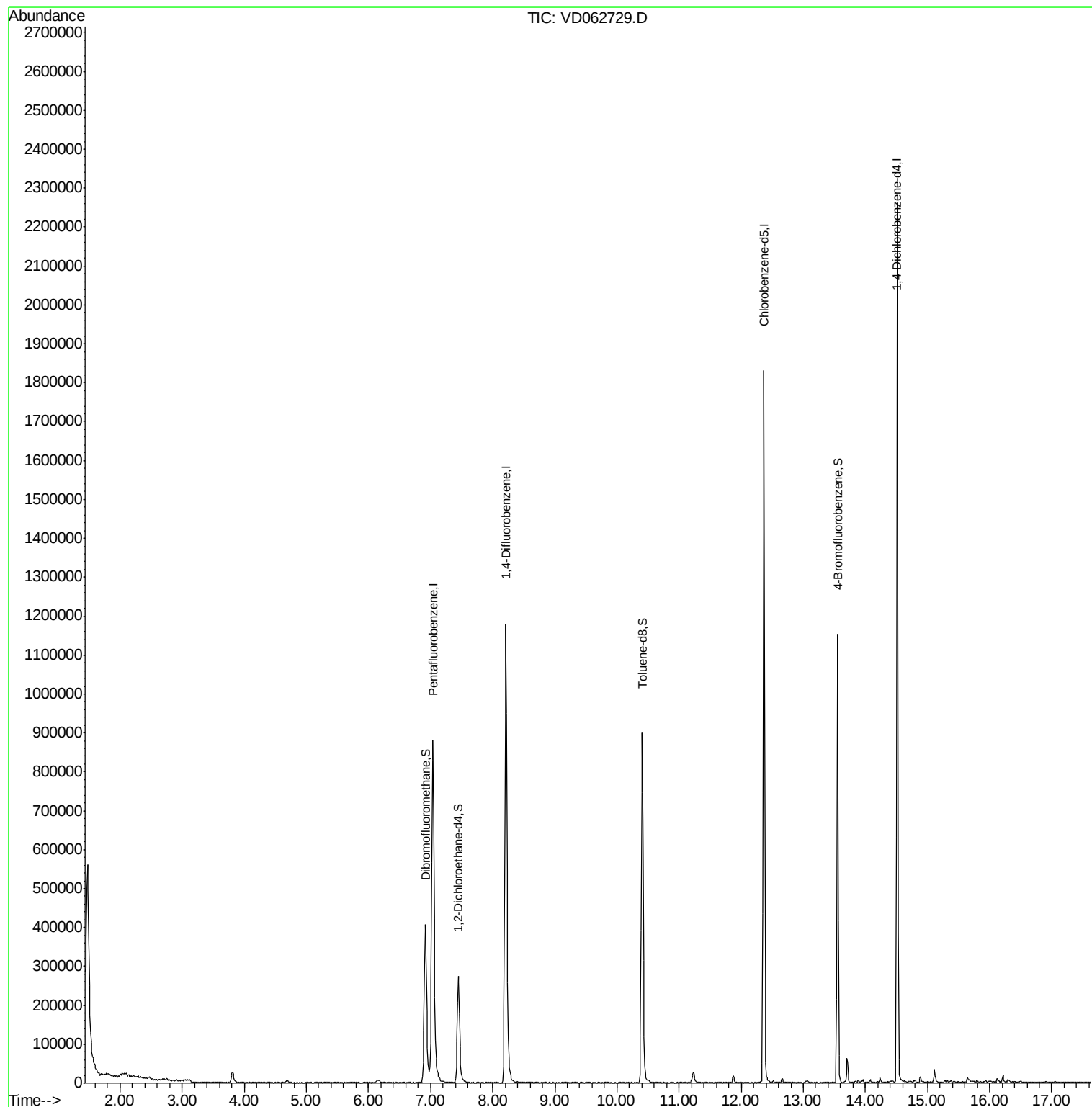
Target Compounds	Qvalue
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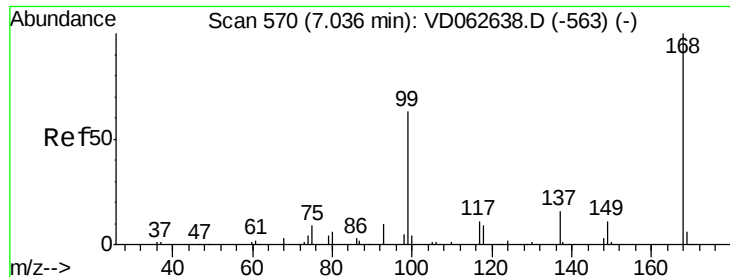
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD062729.D

Acq: 17 Jun 2019 16:23

Instrument :

MSVOA_D

ClientSampleId :

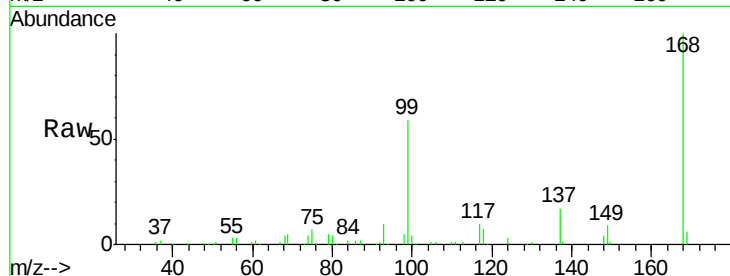
GRAVEL-2

Tot Ion:168 Resp: 844445

Ion Ratio Lower Upper

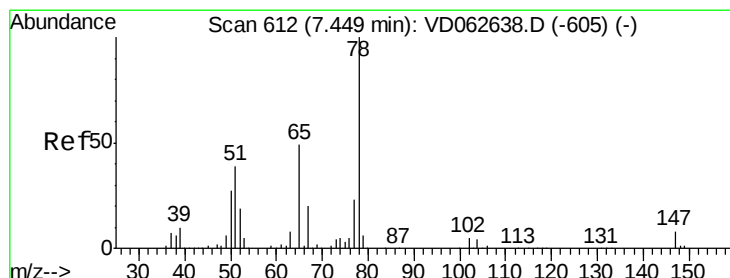
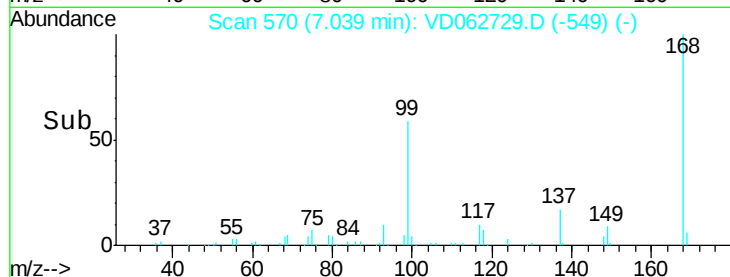
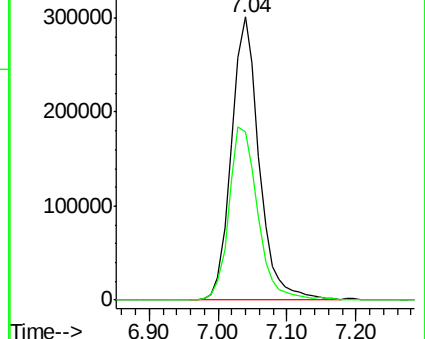
168 100

99 59.4 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: 25.878 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062729.D

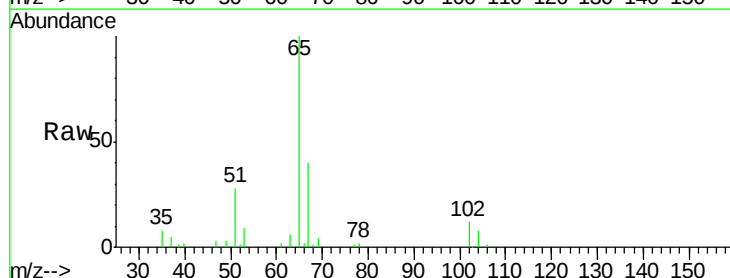
Acq: 17 Jun 2019 16:23

Tgt Ion: 65 Resp: 315327

Ion Ratio Lower Upper

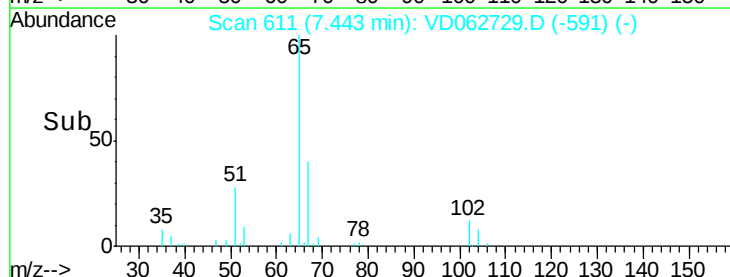
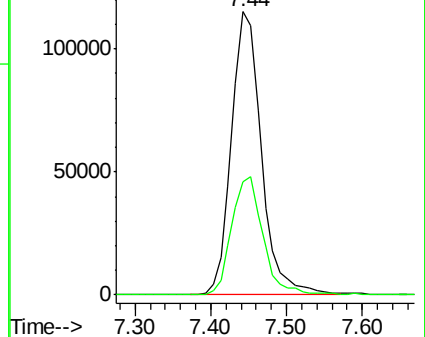
65 100

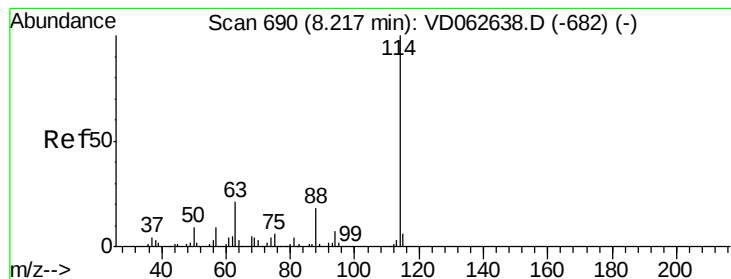
67 39.9 0.0 81.8



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: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062729.D

Acq: 17 Jun 2019 16:23

Instrument :

MSVOA_D

ClientSampleId :

GRAVEL-2

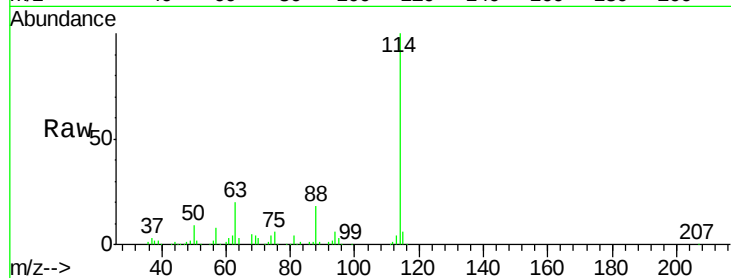
Tot Ion:114 Resp: 1223731

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

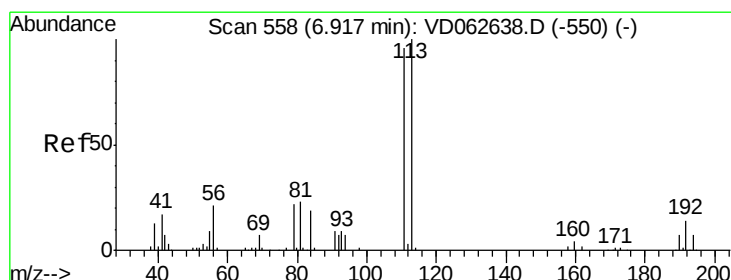
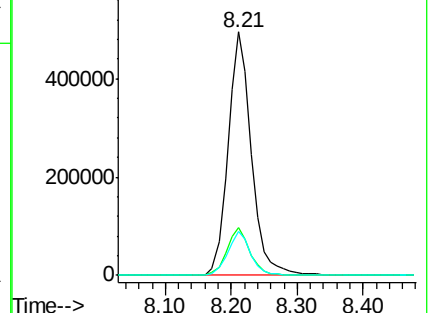
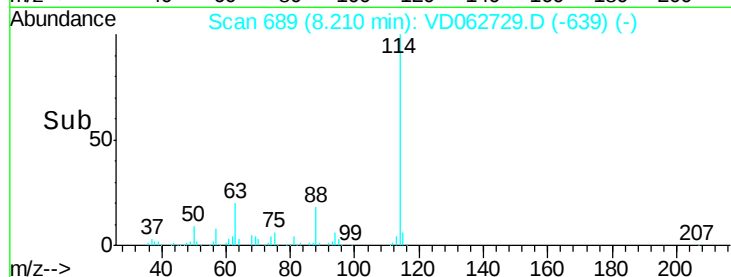
88 17.9 0.0 36.8



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: 28.152 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD062729.D

Acq: 17 Jun 2019 16:23

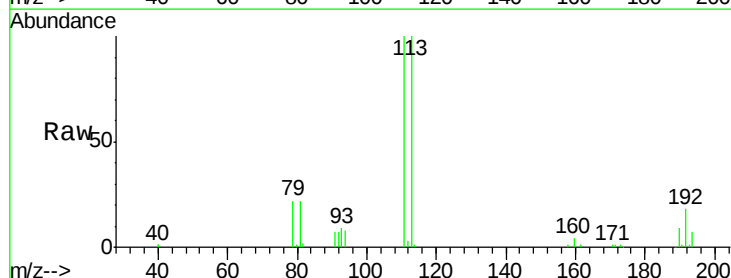
Tgt Ion:113 Resp: 363327

Ion Ratio Lower Upper

113 100

111 100.1 76.4 114.6

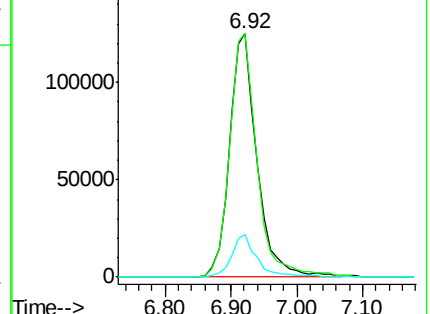
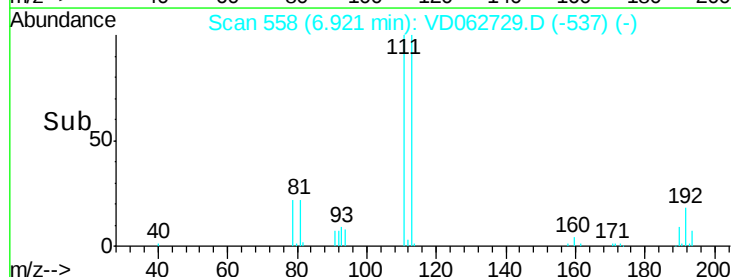
192 17.6 11.4 17.0#

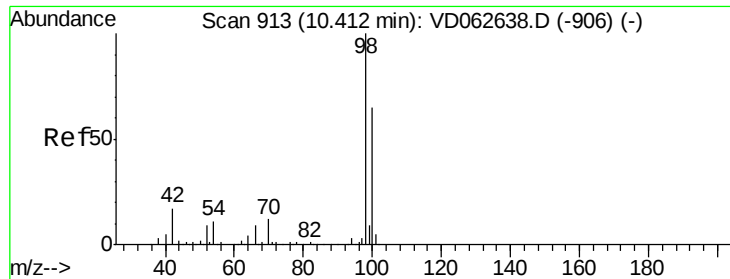


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

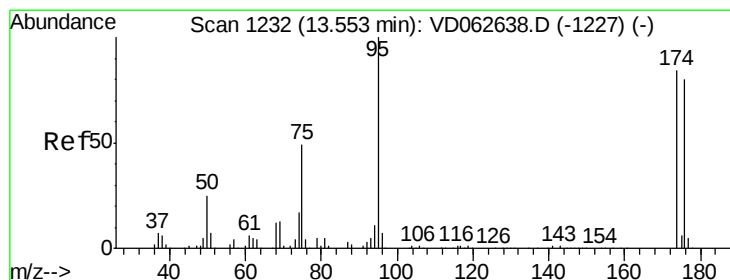
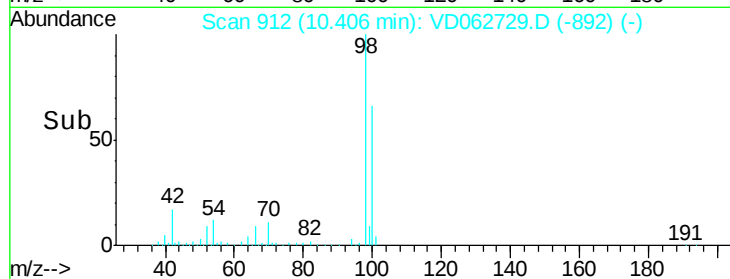
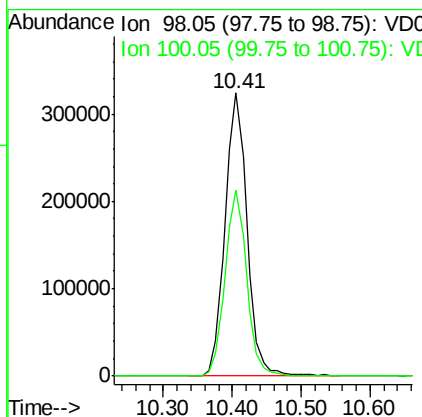
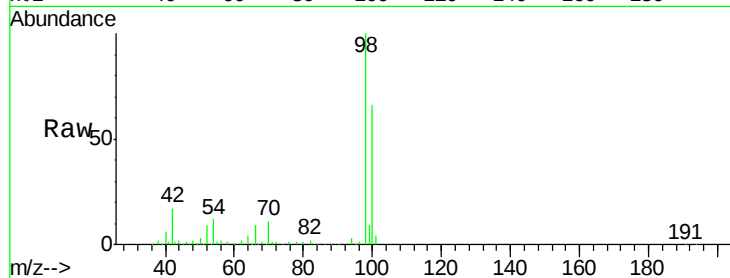




#50
Toluene-d8
Concen: 26.445 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062729.D
Acq: 17 Jun 2019 16:23

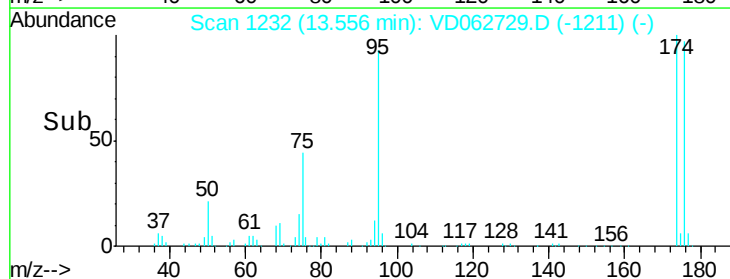
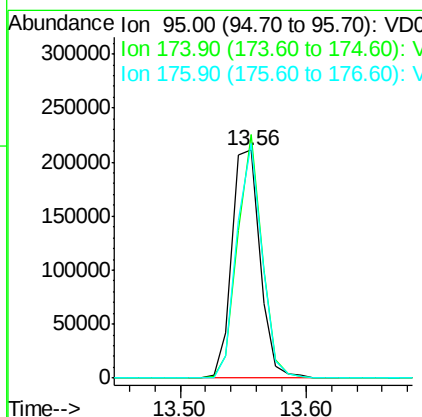
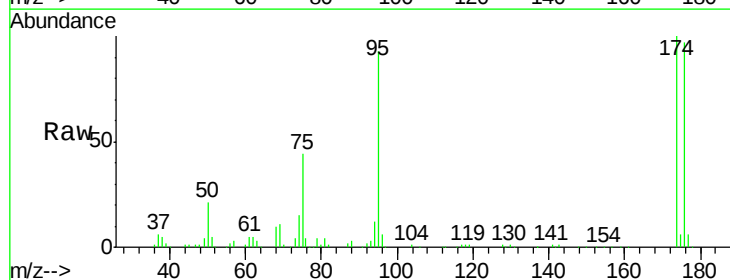
Instrument :
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ClientSampleId :
GRAVEL-2

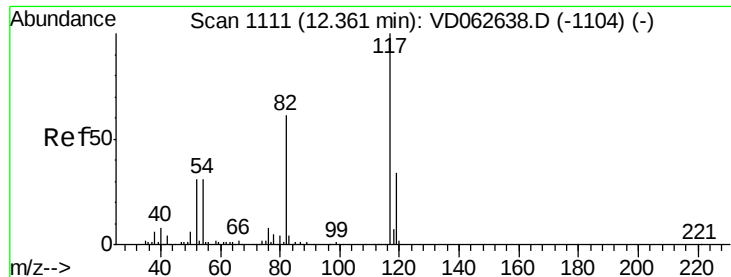
Tot Ion: 98 Resp: 717971
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 25.639 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062729.D
Acq: 17 Jun 2019 16:23

Tgt Ion: 95 Resp: 324743
Ion Ratio Lower Upper
95 100
174 107.0 0.0 167.0
176 103.3 0.0 159.2

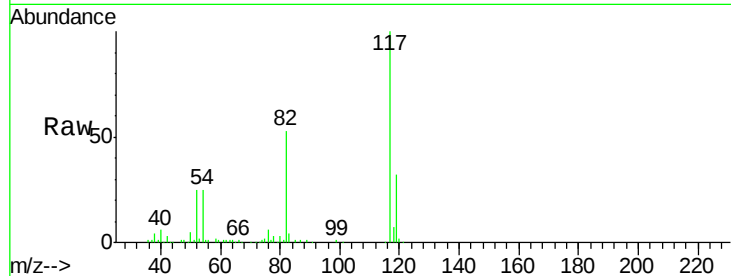




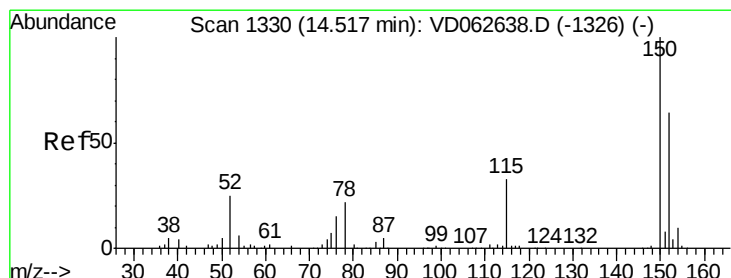
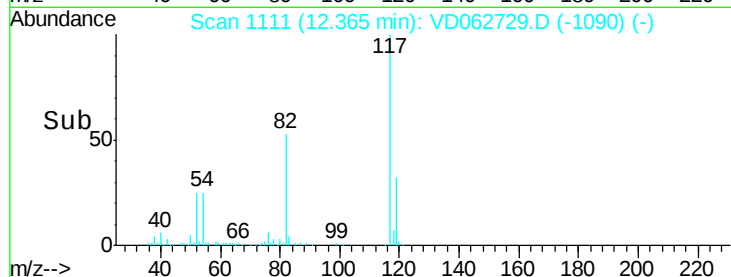
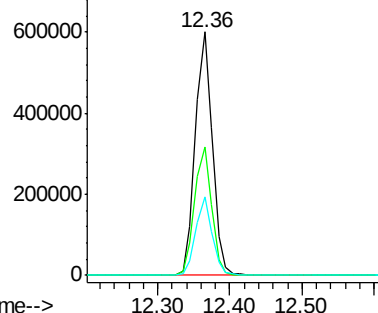
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062729.D
Acq: 17 Jun 2019 16:23

Instrument :
MSVOA_D
ClientSampleId :
GRAVEL-2

Tot Ion:117 Resp: 984850
Ion Ratio Lower Upper
117 100
82 52.6 48.7 73.1
119 32.1 27.0 40.6

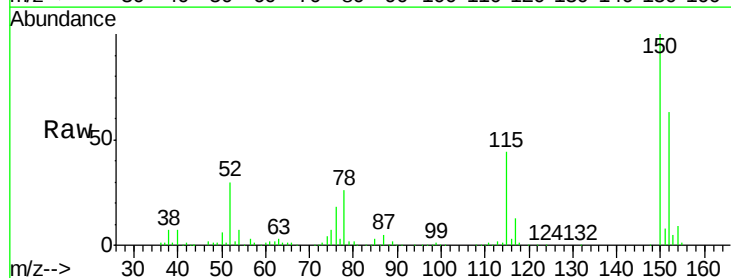


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062729.D
Acq: 17 Jun 2019 16:23

Tgt Ion:152 Resp: 508841
Ion Ratio Lower Upper
152 100
115 69.2 30.1 90.5
150 158.8 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

