

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063659.D
 Acq On : 19 Aug 2019 15:56
 Operator : JC/SY
 Sample : K4385-14
 Misc : 4.75u/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C-(0)

Quant Time: Aug 20 08:44:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

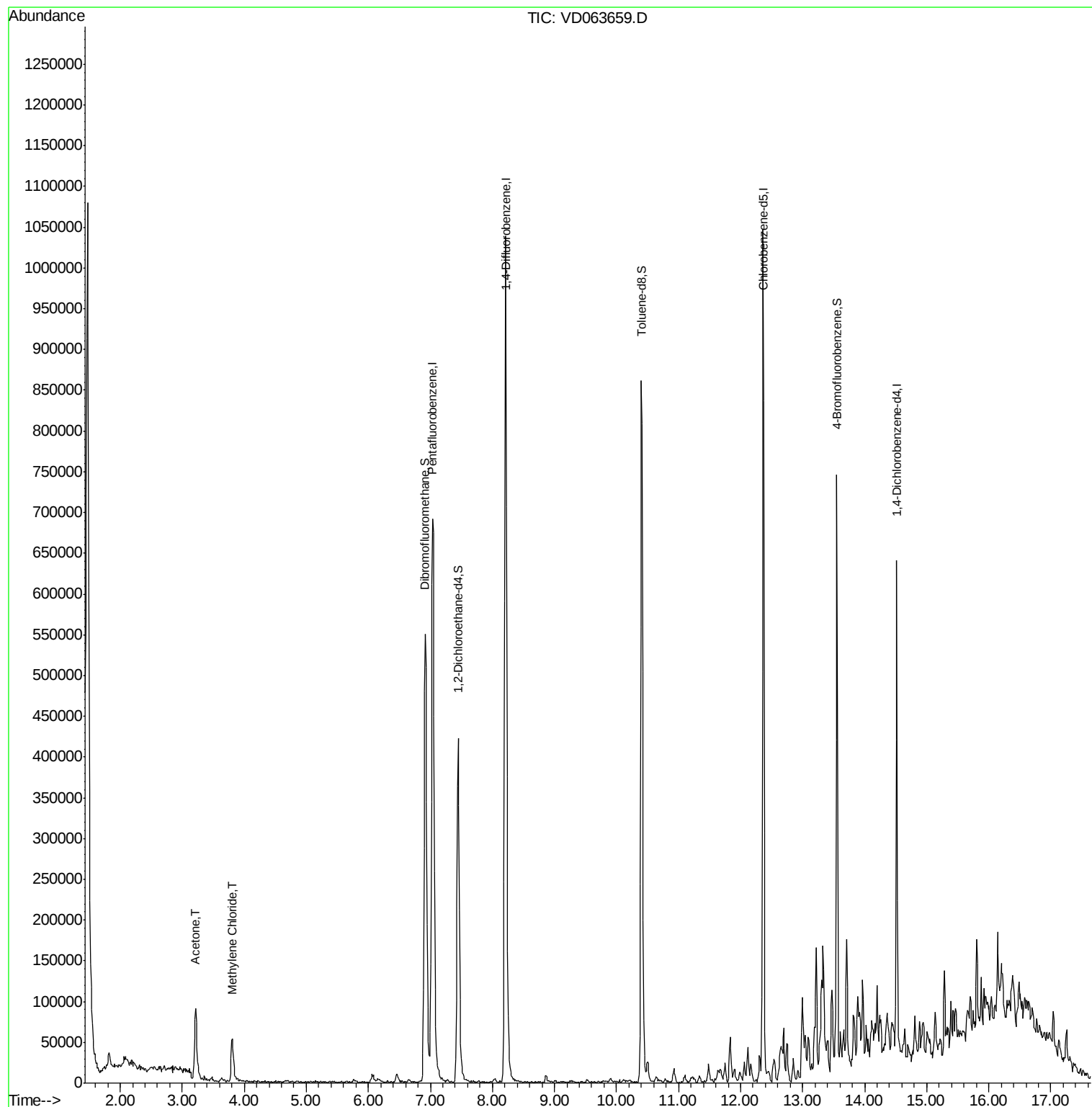
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	713230	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1148772	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	559122	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	127452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	476069	62.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.88%	
35) Dibromofluoromethane	6.92	113	501739	51.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	10.40	98	724166	34.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.08%	
62) 4-Bromofluorobenzene	13.55	95	179356	18.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.20%	
Target Compounds						
16) Acetone	3.22	43	174939	112.880	ug/l #	92
20) Methylene Chloride	3.81	84	31826	4.749	ug/l #	83

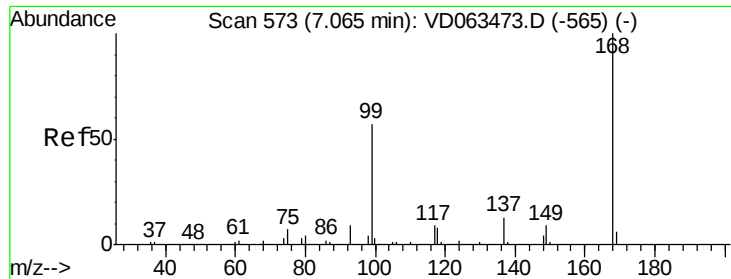
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063659.D

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MSVOA_D

ClientSampleId :

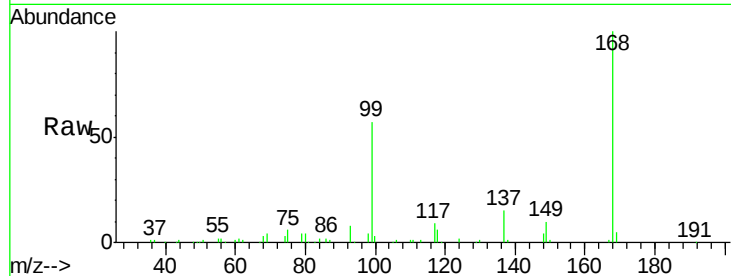
T8-C-(0)

Tot Ion:168 Resp: 713230

Ion Ratio Lower Upper

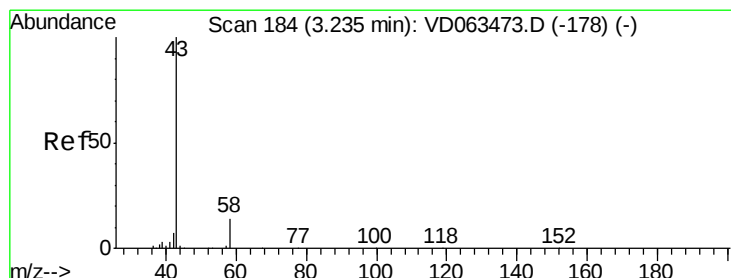
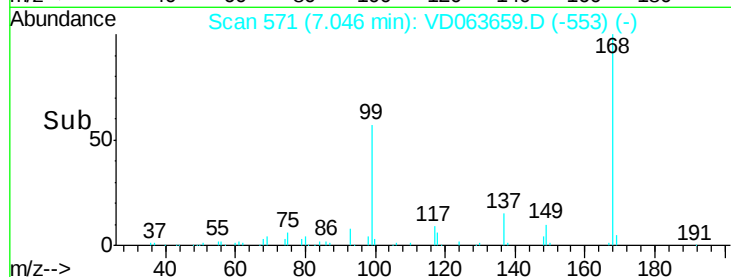
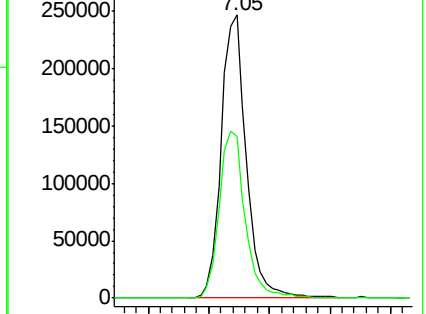
168 100

99 57.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 112.880 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063659.D

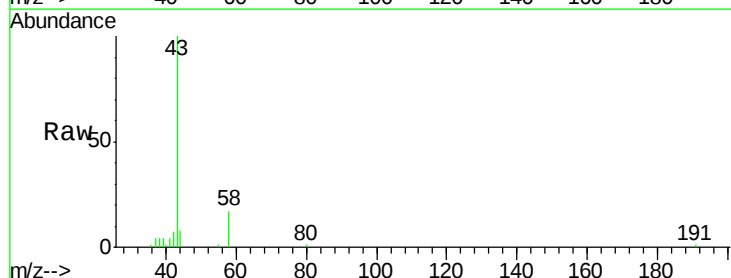
Acq: 19 Aug 2019 15:56

Tgt Ion: 43 Resp: 174939

Ion Ratio Lower Upper

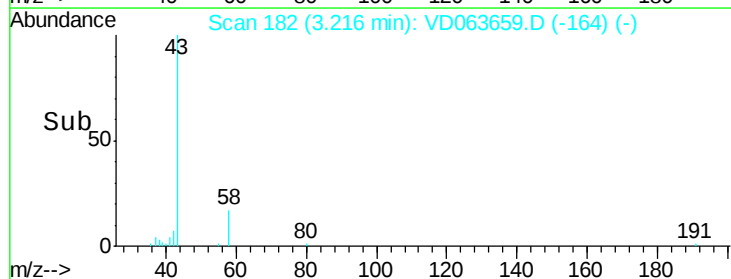
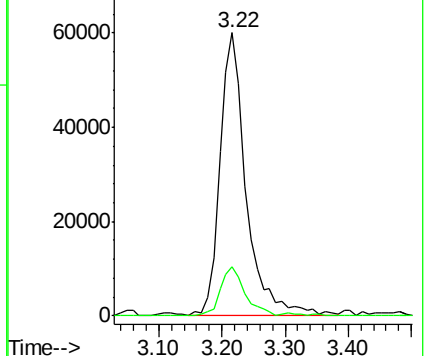
43 100

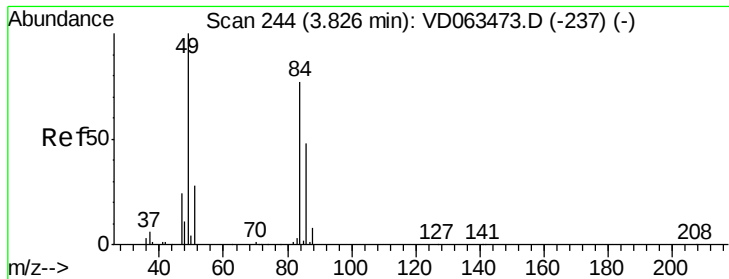
58 17.4 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

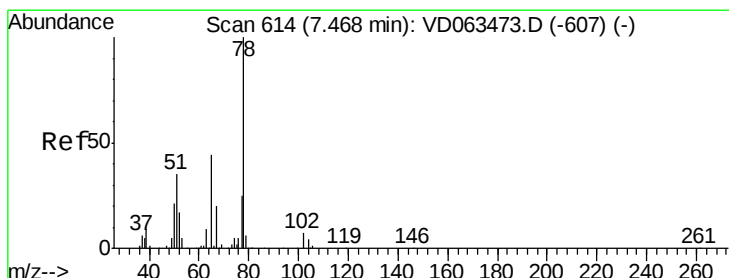
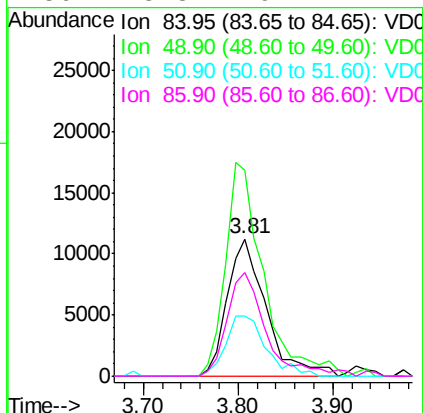
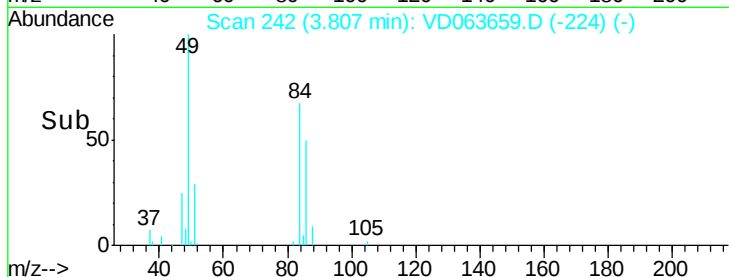
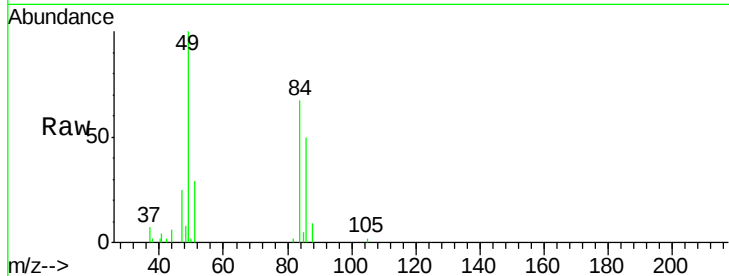




#20
Methylene Chloride
Concen: 4.749 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063659.D
Acq: 19 Aug 2019 15:56

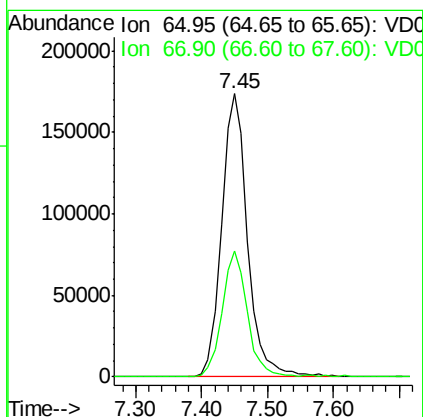
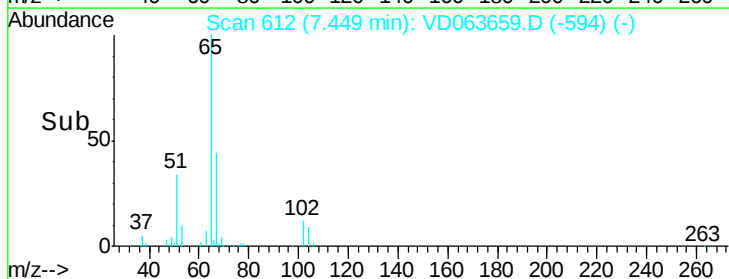
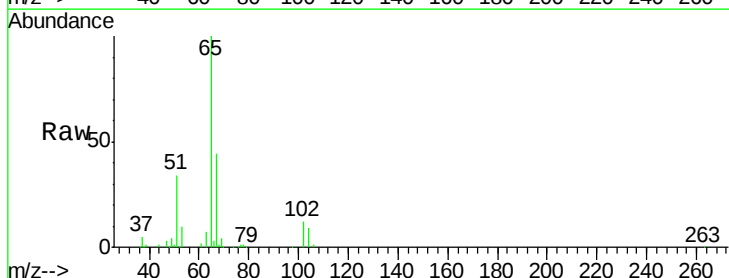
Instrument :
MSVOA_D
ClientSampleId :
T8-C-(0)

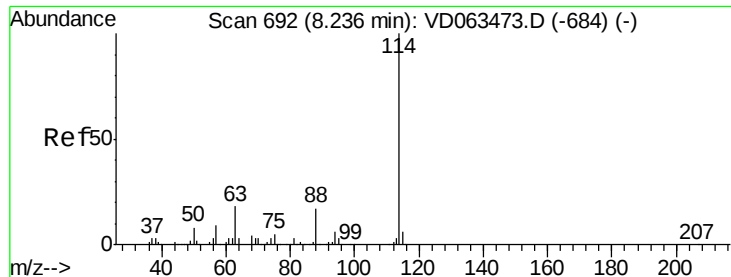
Tot Ion: 84 Resp: 31826
Ion Ratio Lower Upper
84 100
49 150.1 103.4 155.2
51 44.2 28.5 42.7#
86 75.3 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: 62.444 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063659.D
Acq: 19 Aug 2019 15:56

Tgt Ion: 65 Resp: 476069
Ion Ratio Lower Upper
65 100
67 44.4 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063659.D

Acq: 19 Aug 2019 15:56

Instrument :

MSVOA_D

ClientSampleId :

T8-C-(0)

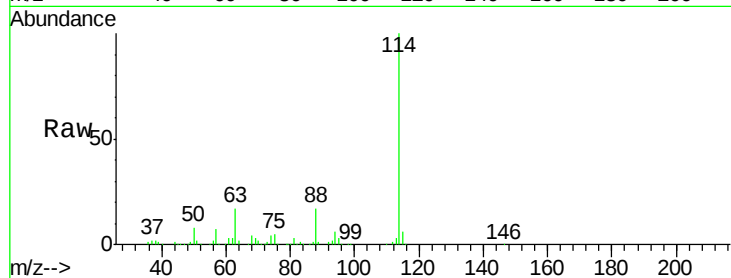
Tot Ion:114 Resp: 1148772

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.2

88 16.7 0.0 35.0



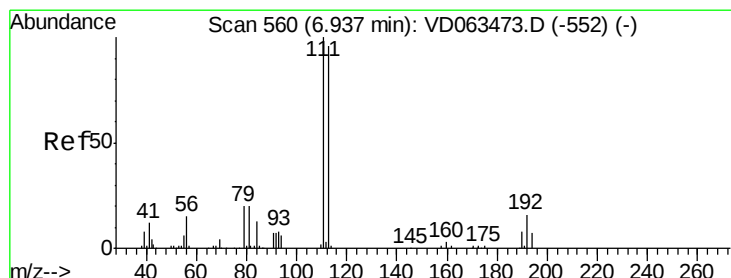
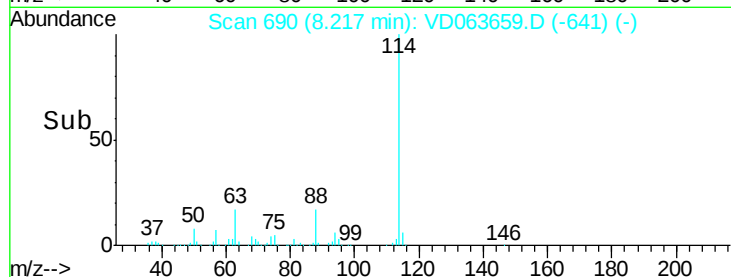
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

8.22

Time-->



#35

Dibromofluoromethane

Concen: 51.859 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063659.D

Acq: 19 Aug 2019 15:56

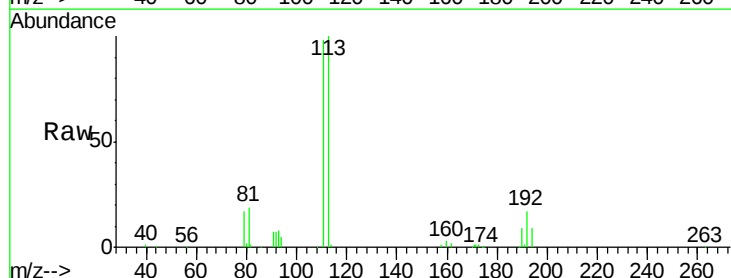
Tgt Ion:113 Resp: 501739

Ion Ratio Lower Upper

113 100

111 97.7 83.1 124.7

192 16.9 13.1 19.7



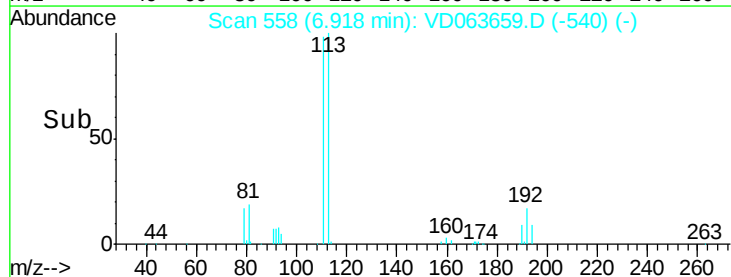
Abundance Ion 112.90 (112.60 to 113.60): V

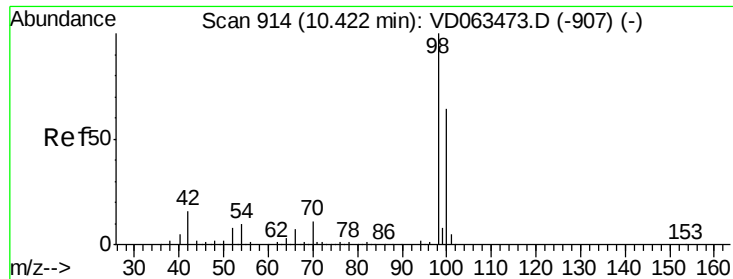
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

6.92

Time-->

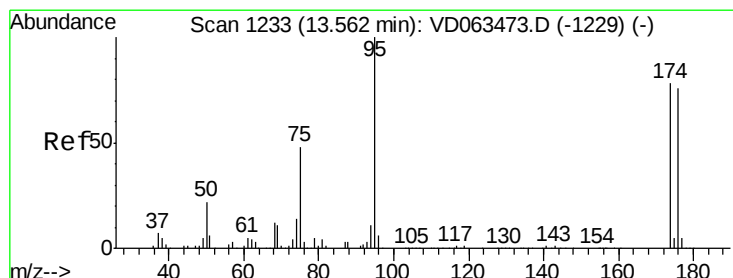
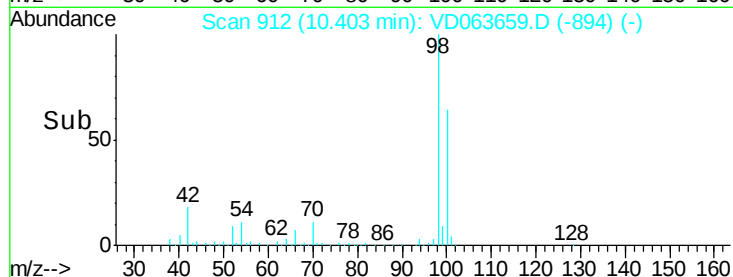
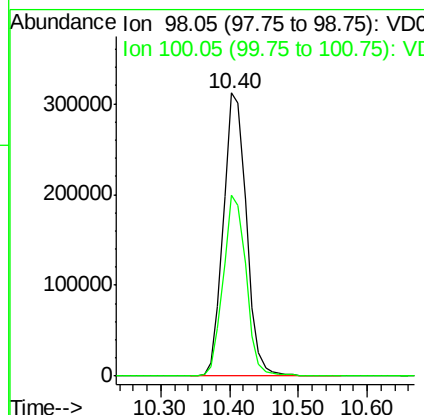
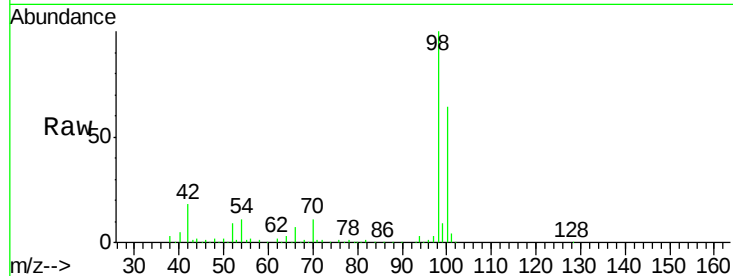




#50
Toluene-d8
Concen: 34.045 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063659.D
Acq: 19 Aug 2019 15:56

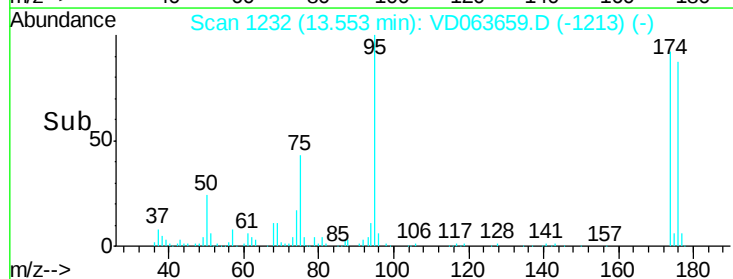
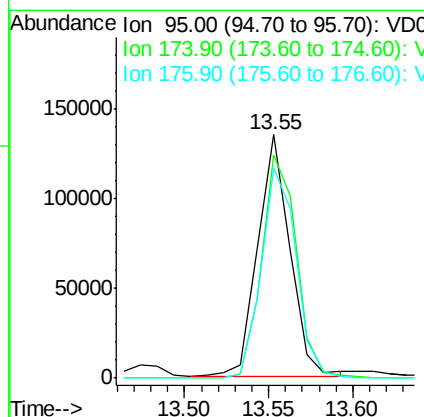
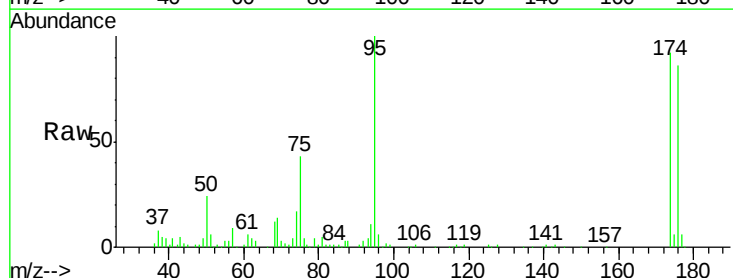
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T8-C-(0)

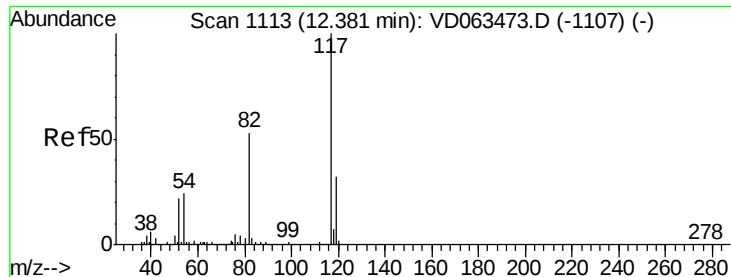
Tot Ion: 98 Resp: 724166
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 18.604 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063659.D
Acq: 19 Aug 2019 15:56

Tgt Ion: 95 Resp: 179356
Ion Ratio Lower Upper
95 100
174 91.5 0.0 155.4
176 86.5 0.0 152.4

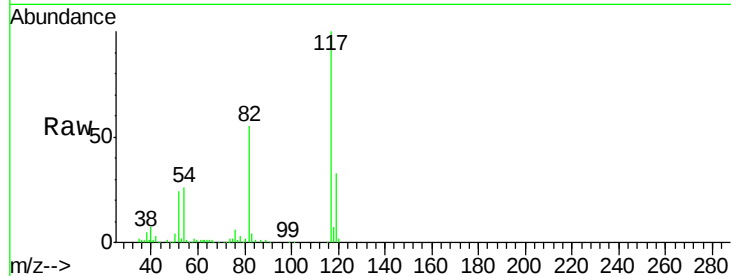




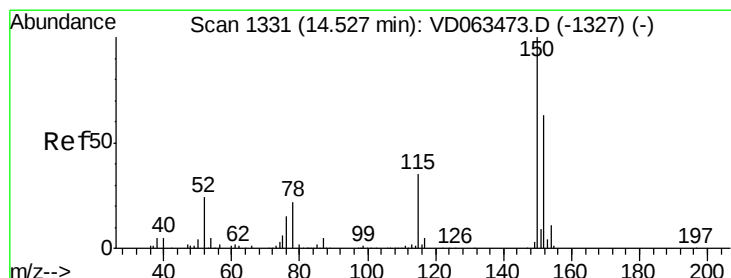
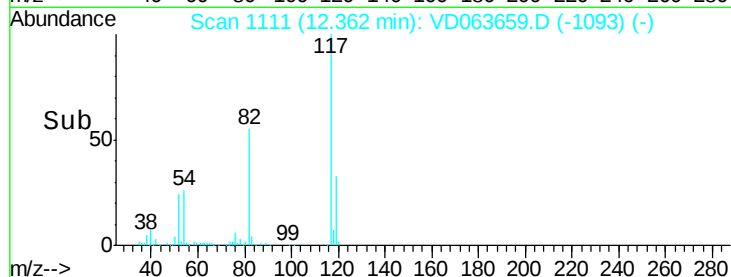
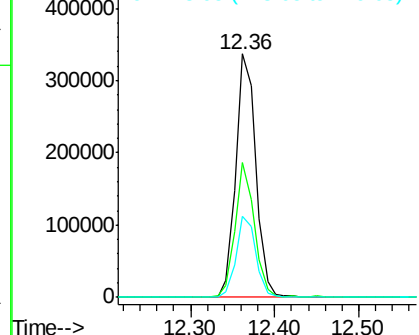
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063659.D
Acq: 19 Aug 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :
T8-C-(0)

Tot Ion:117 Resp: 559122
Ion Ratio Lower Upper
117 100
82 55.5 42.0 63.0
119 33.0 25.4 38.0

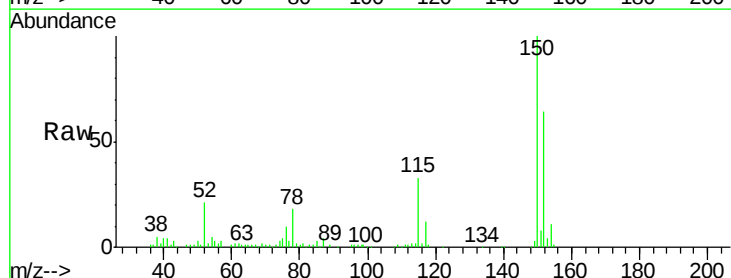


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063659.D
Acq: 19 Aug 2019 15:56

Tgt Ion:152 Resp: 127452
Ion Ratio Lower Upper
152 100
115 51.6 30.9 92.7
150 156.1 0.0 318.6



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

