

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063675.D
 Acq On : 20 Aug 2019 10:46
 Operator : JC/SY
 Sample : VD0820SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBL01

Quant Time: Aug 20 16:54:46 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

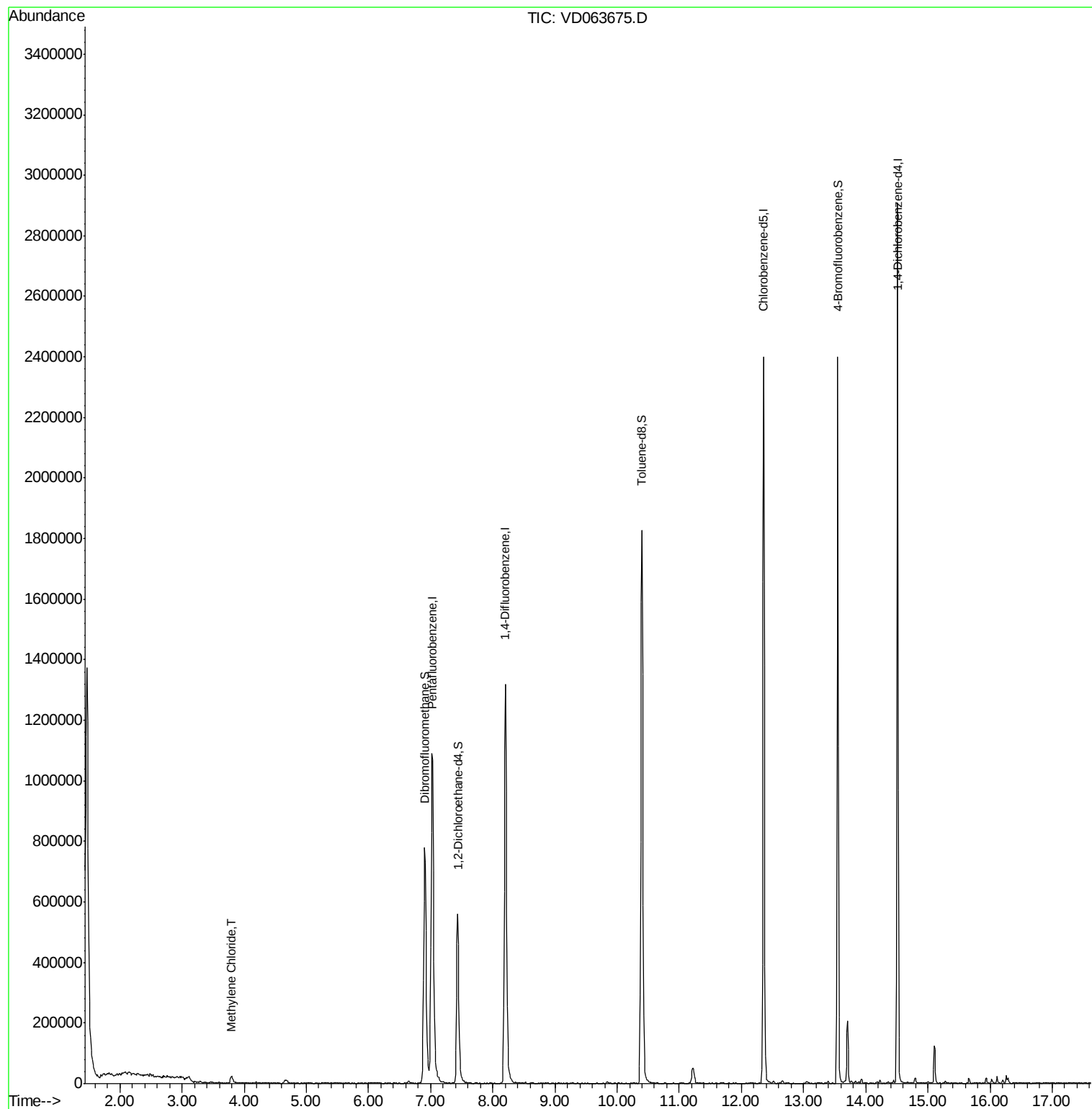
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1080816	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	1420837	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1287424	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	659038	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	617743	53.47	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	106.94%	
35) Dibromofluoromethane	6.90	113	696701	58.22	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	116.44%	
50) Toluene-d8	10.40	98	1510056	57.40	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.80%	
62) 4-Bromofluorobenzene	13.55	95	637337	53.45	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.90%	
Target Compounds						
20) Methylene Chloride	3.80	84	12172	1.199	ug/l	Qvalue 93

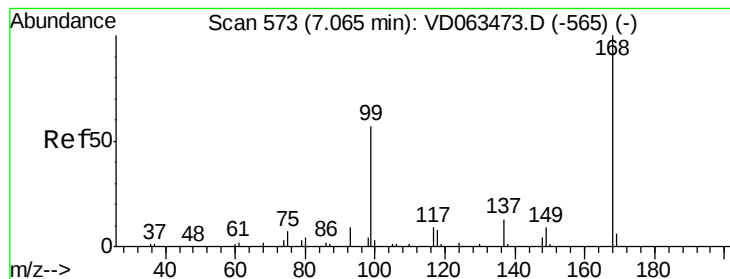
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD063675.D

Acq: 20 Aug 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

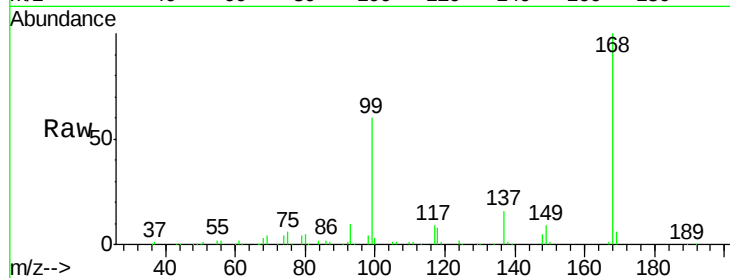
VD0820SBL01

Tot Ion:168 Resp: 1080816

Ion Ratio Lower Upper

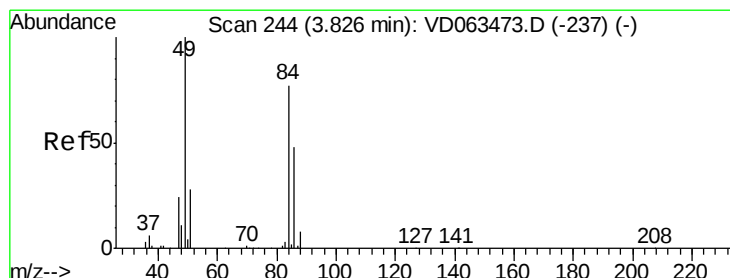
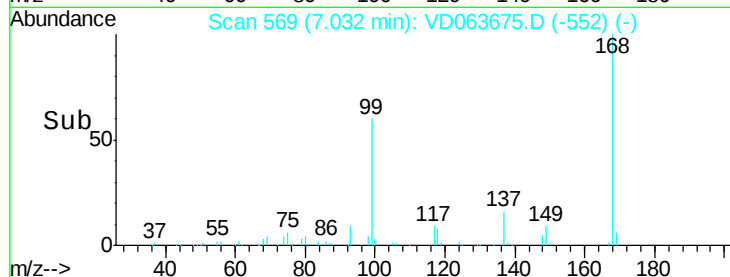
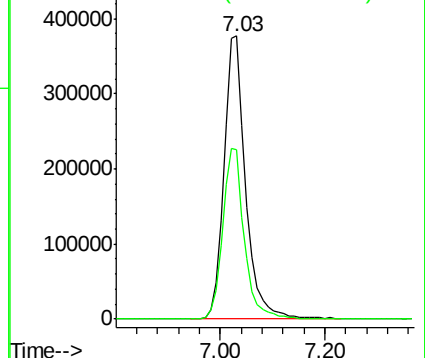
168 100

99 59.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 1.199 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD063675.D

Acq: 20 Aug 2019 10:46

Tgt Ion: 84 Resp: 12172

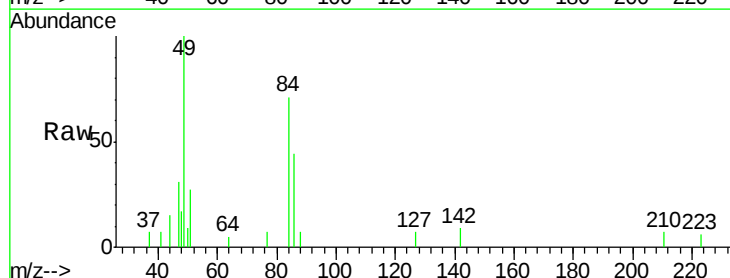
Ion Ratio Lower Upper

84 100

49 141.4 103.4 155.2

51 38.2 28.5 42.7

86 62.6 49.4 74.2

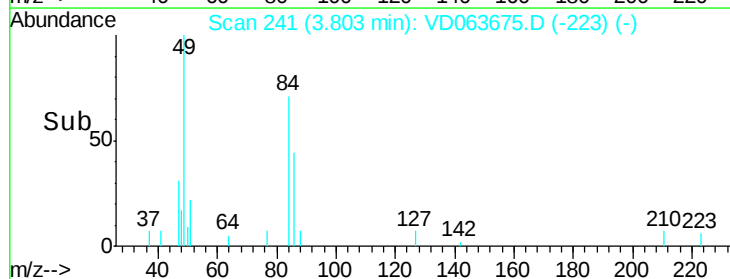
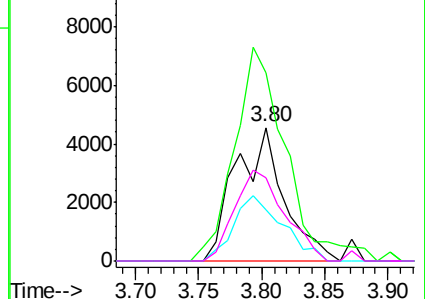


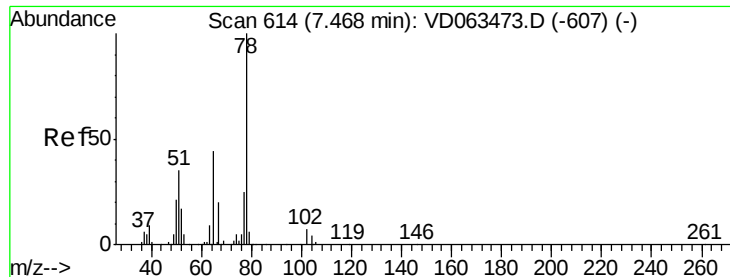
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.470 ug/l

RT: 7.44 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD063675.D

Acq: 20 Aug 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

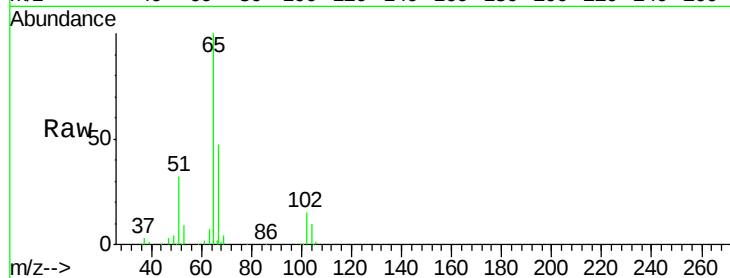
VD0820SBL01

Tot Ion: 65 Resp: 617743

Ion Ratio Lower Upper

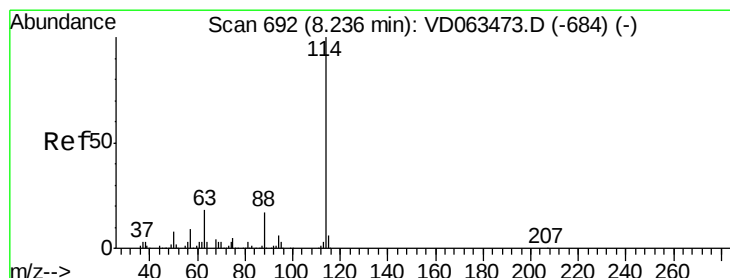
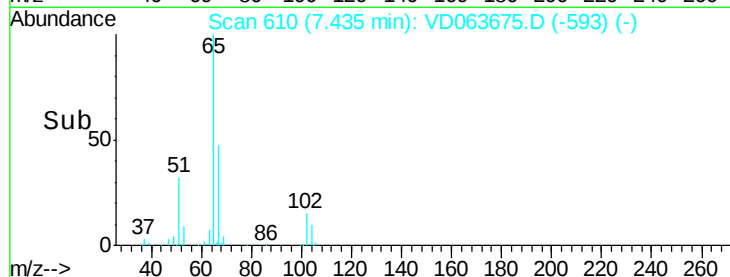
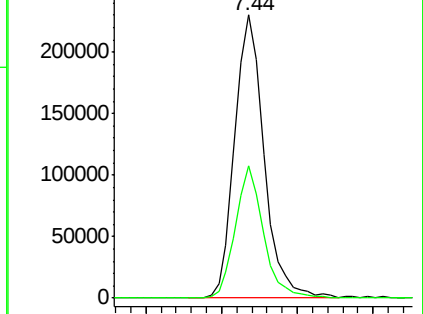
65 100

67 46.8 0.0 89.2



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. -0.03 min

Lab File: VD063675.D

Acq: 20 Aug 2019 10:46

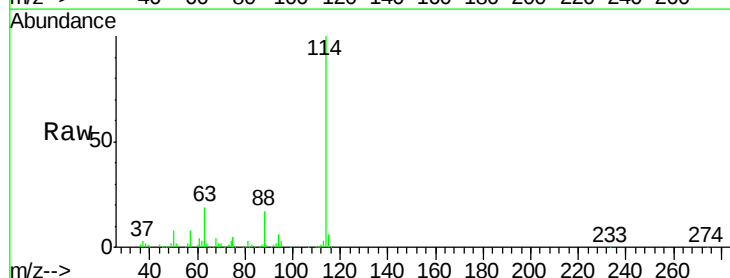
Tgt Ion: 114 Resp: 1420837

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.2

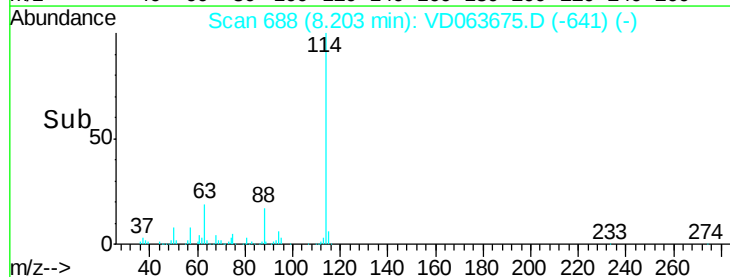
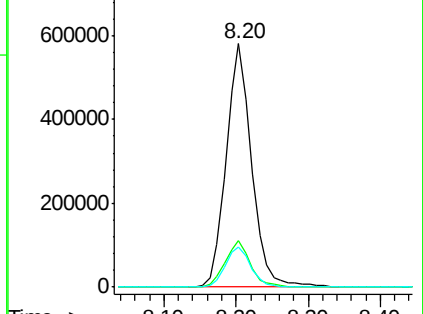
88 16.5 0.0 35.0

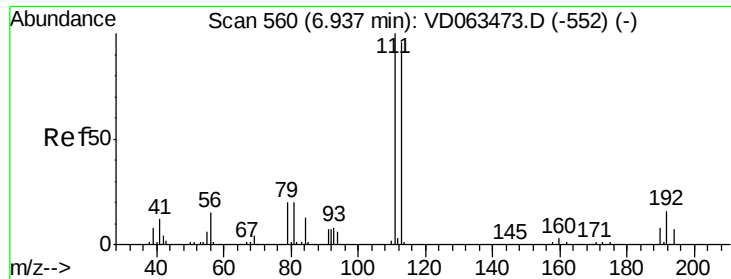


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

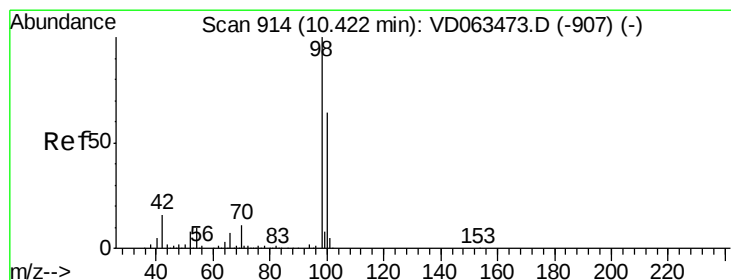
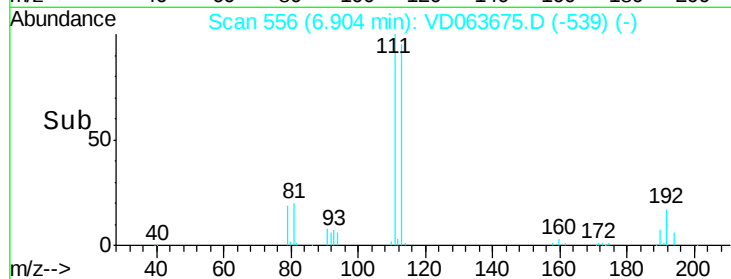
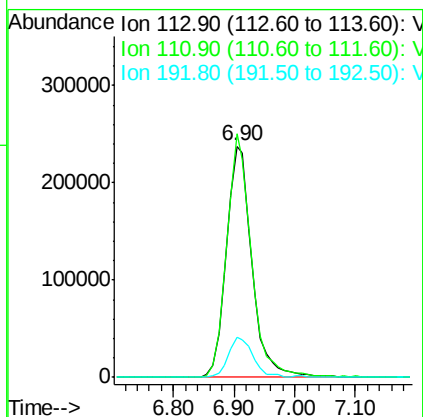
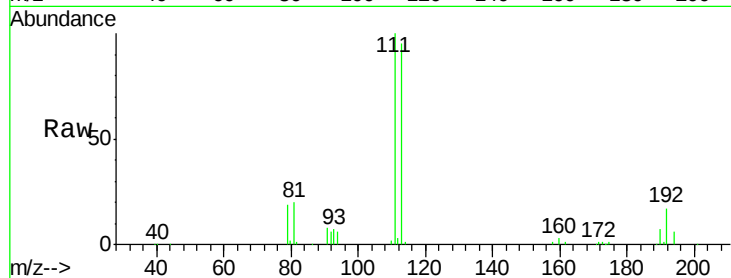




#35
Dibromofluoromethane
Concen: 58.222 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD063675.D
Acq: 20 Aug 2019 10:46

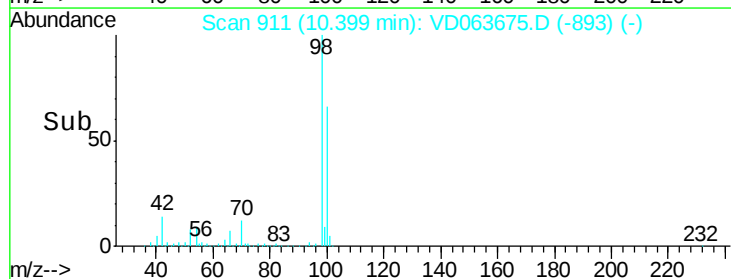
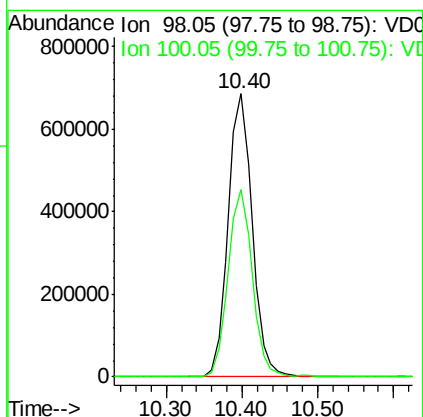
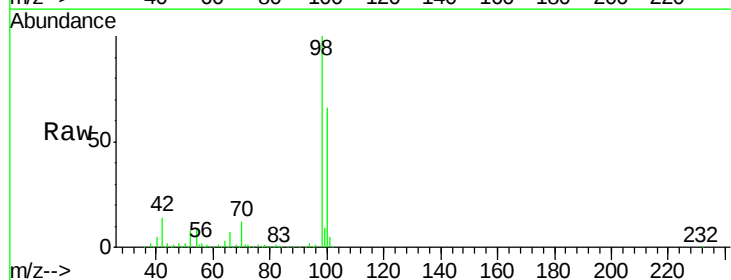
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBL01

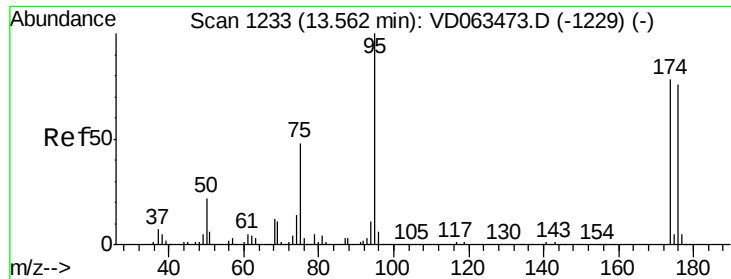
Tot Ion:113 Resp: 696701
Ion Ratio Lower Upper
113 100
111 105.4 83.1 124.7
192 17.5 13.1 19.7



#50
Toluene-d8
Concen: 57.398 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063675.D
Acq: 20 Aug 2019 10:46

Tgt Ion: 98 Resp: 1510056
Ion Ratio Lower Upper
98 100
100 66.1 51.7 77.5

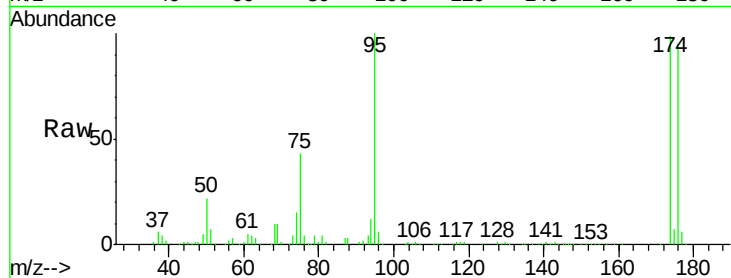




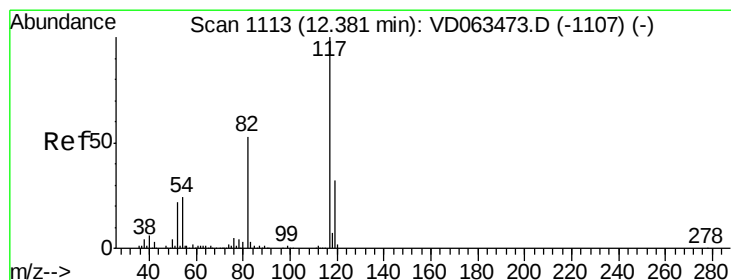
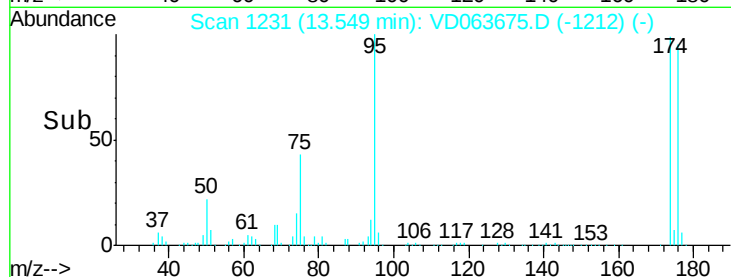
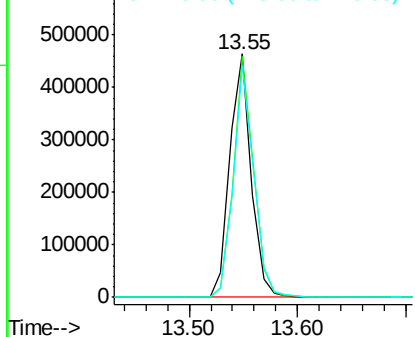
#62
4-Bromofluorobenzene
Concen: 53.449 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063675.D
Acq: 20 Aug 2019 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBL01

Tot Ion: 95 Resp: 637337
Ion Ratio Lower Upper
95 100
174 98.9 0.0 155.4
176 95.4 0.0 152.4

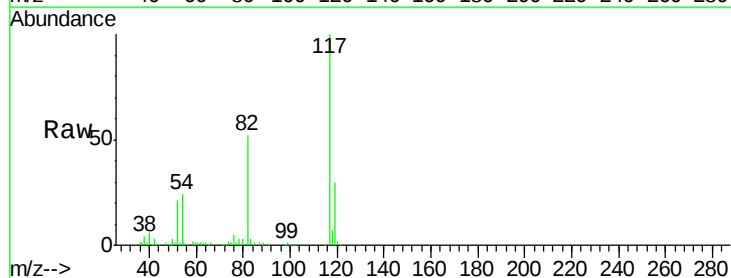


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

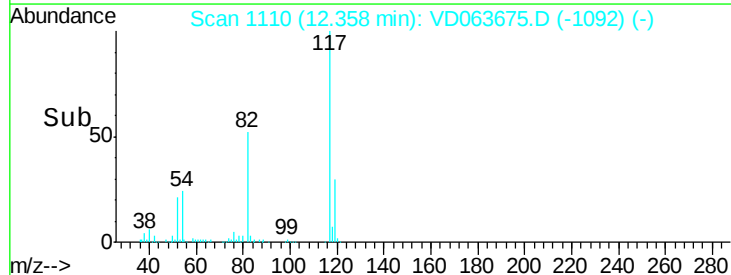
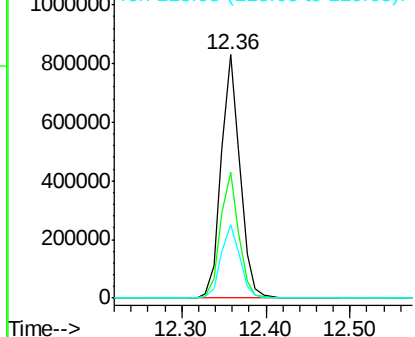


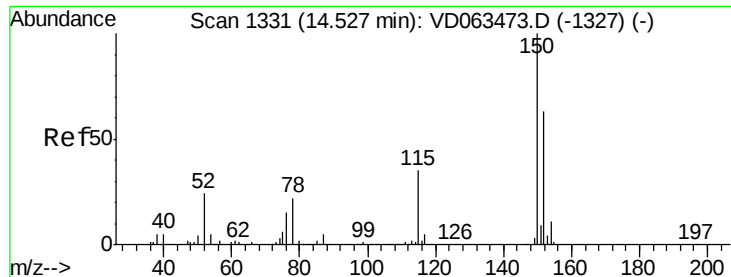
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063675.D
Acq: 20 Aug 2019 10:46

Tgt Ion: 117 Resp: 1287424
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 30.2 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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063675.D

Acq: 20 Aug 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0820SBL01

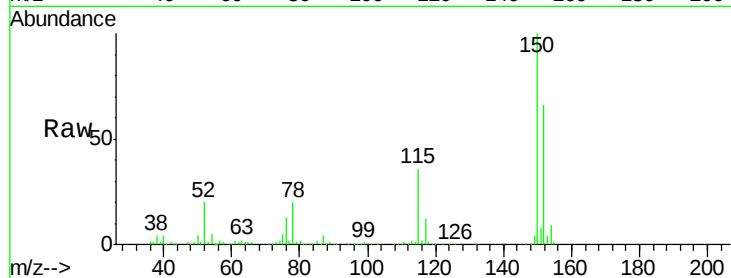
Tot Ion:152 Resp: 659038

Ion Ratio Lower Upper

152 100

115 54.6 30.9 92.7

150 151.8 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

