

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063603.D
 Acq On : 15 Aug 2019 14:03
 Operator : JC/SY
 Sample : VD0815SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0815SBL01

Quant Time: Aug 15 15:54:59 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	1111977	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1494303	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1336835	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	673326	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	665132	55.96	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	6.91	113	734894	58.39	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	116.78%	
50) Toluene-d8	10.40	98	1696326	61.31	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	122.62%	
62) 4-Bromofluorobenzene	13.55	95	676986	53.98	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.96%	

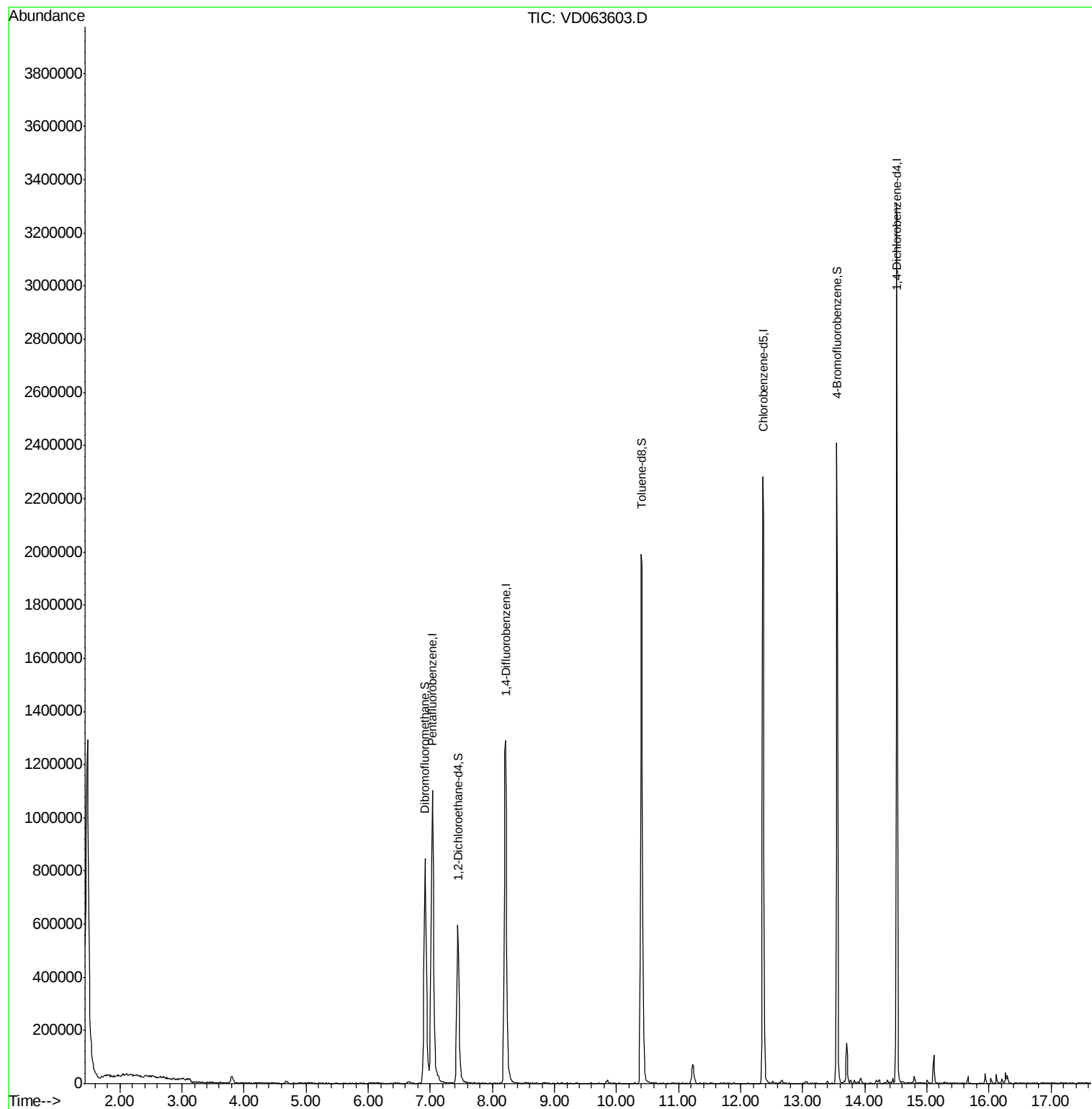
Target Compounds	Qvalue

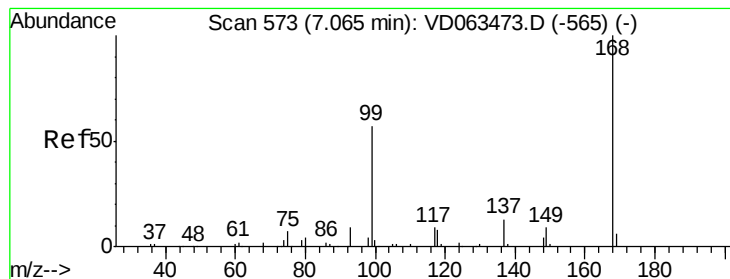
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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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: VD063603.D

Acq: 15 Aug 2019 14:03

Instrument :

MSVOA_D

ClientSampleId :

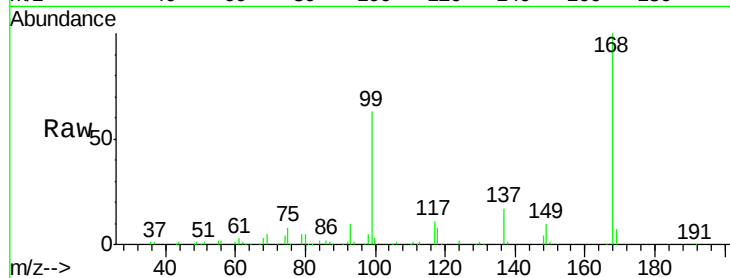
VD0815SBL01

Tot Ion:168 Resp: 1111977

Ion Ratio Lower Upper

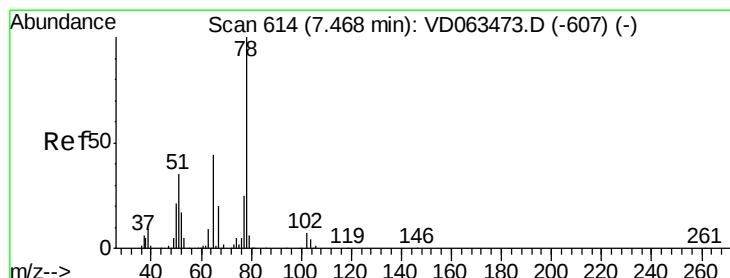
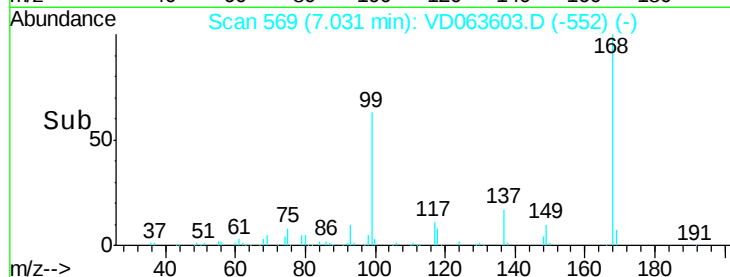
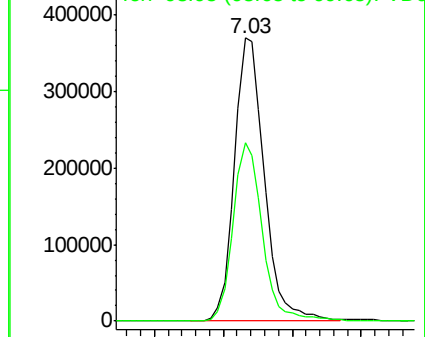
168 100

99 62.8 46.7 70.1



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: 55.958 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063603.D

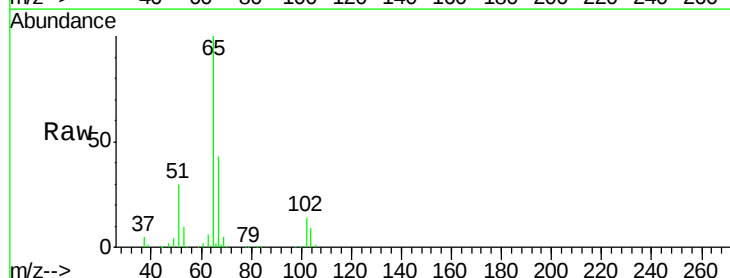
Acq: 15 Aug 2019 14:03

Tgt Ion: 65 Resp: 665132

Ion Ratio Lower Upper

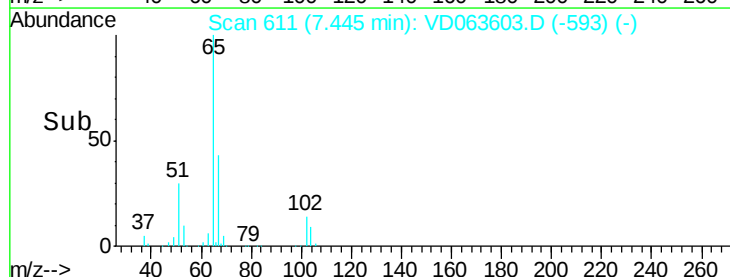
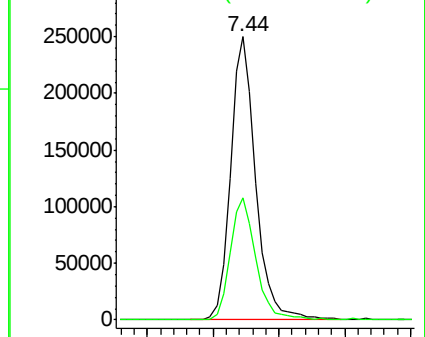
65 100

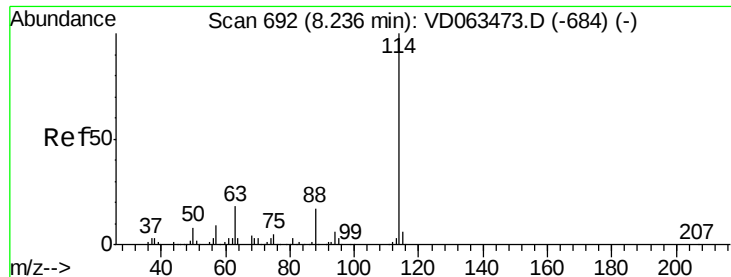
67 43.3 0.0 89.2



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: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063603.D

Acq: 15 Aug 2019 14:03

Instrument :

MSVOA_D

ClientSampleId :

VD0815SBL01

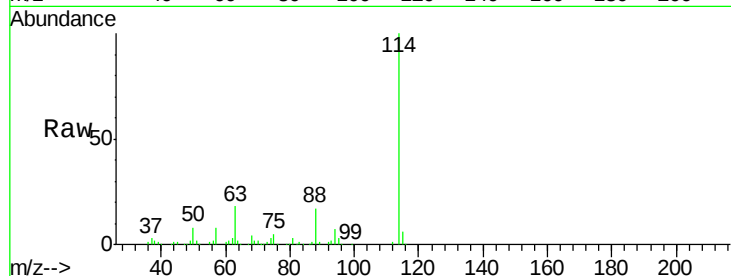
Tot Ion:114 Resp: 1494303

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

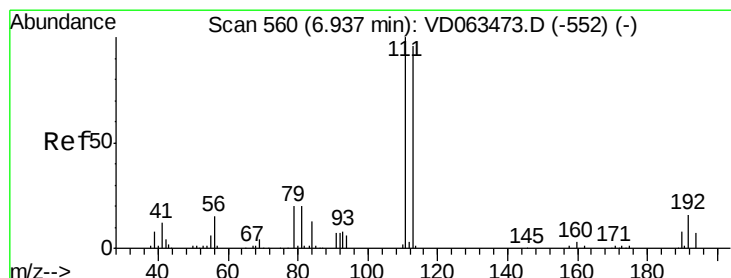
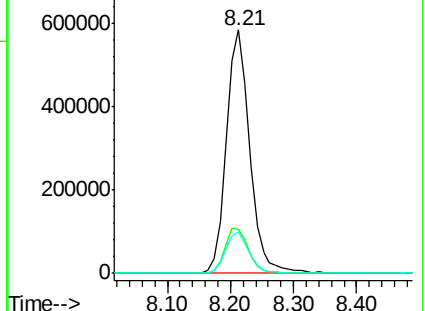
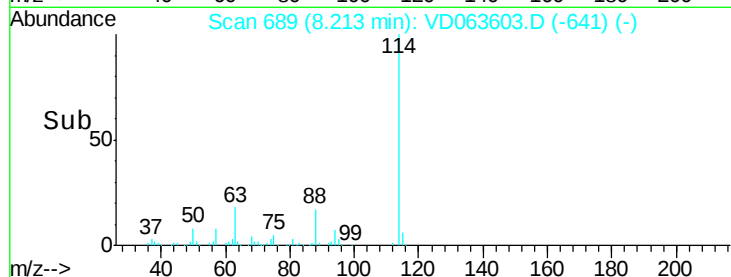
88 16.7 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 58.394 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063603.D

Acq: 15 Aug 2019 14:03

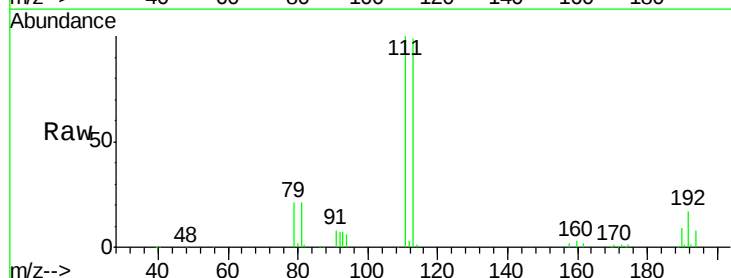
Tgt Ion:113 Resp: 734894

Ion Ratio Lower Upper

113 100

111 101.1 83.1 124.7

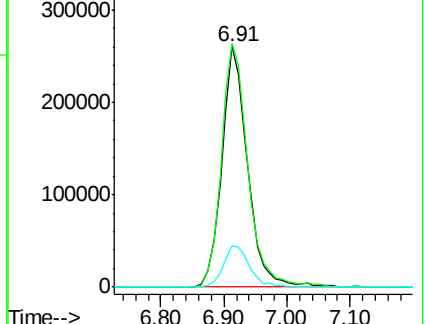
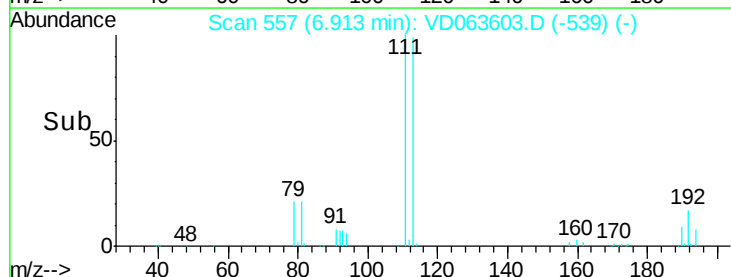
192 17.0 13.1 19.7

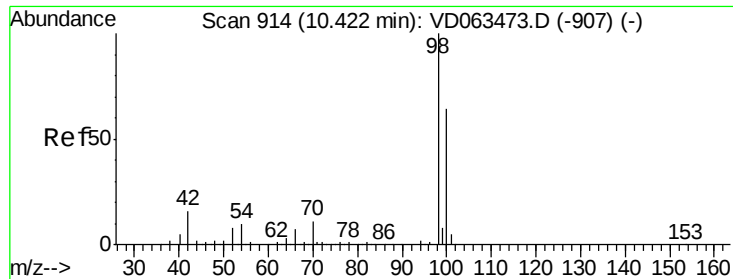


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

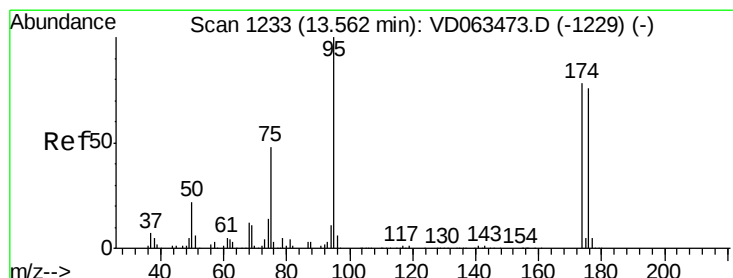
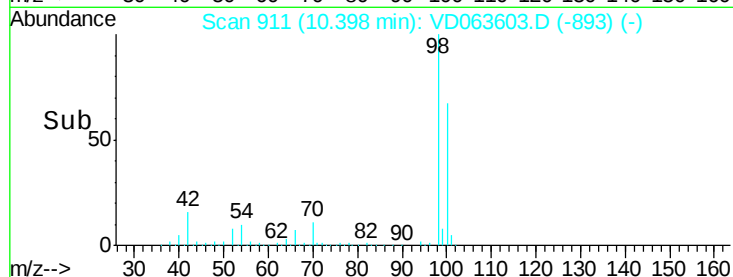
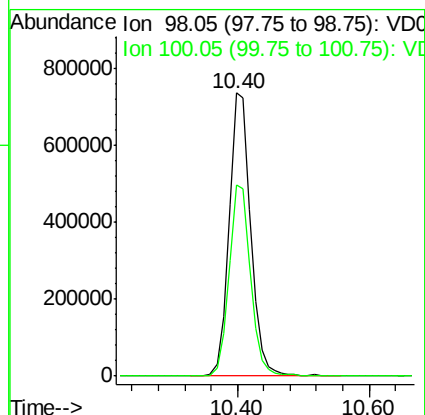
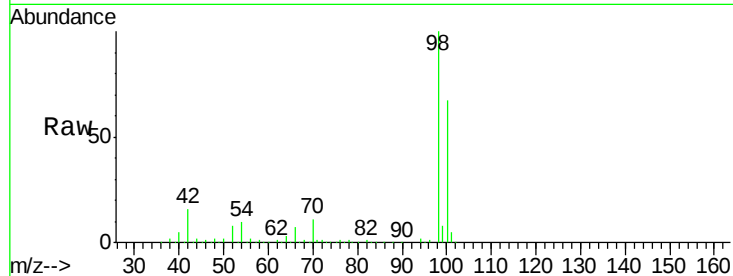




#50
Toluene-d8
Concen: 61.308 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063603.D
Acq: 15 Aug 2019 14:03

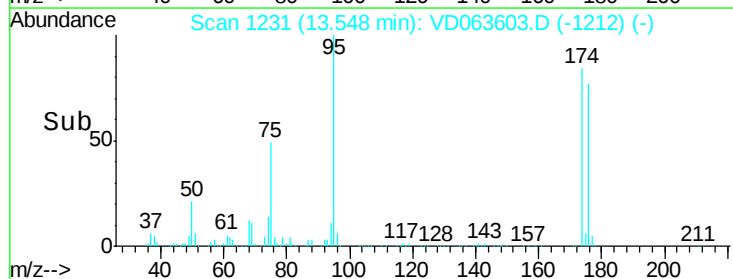
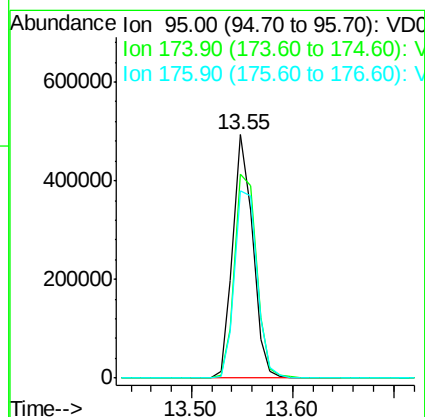
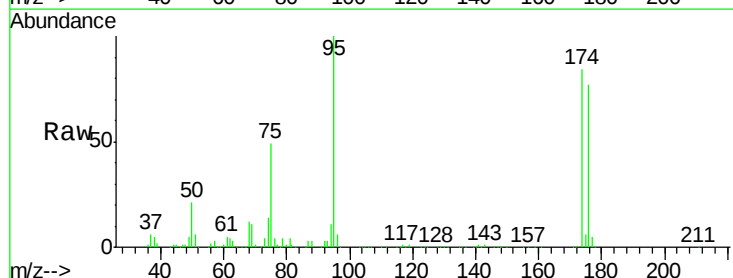
Instrument :
MSVOA_D
ClientSampleId :
VD0815SBL01

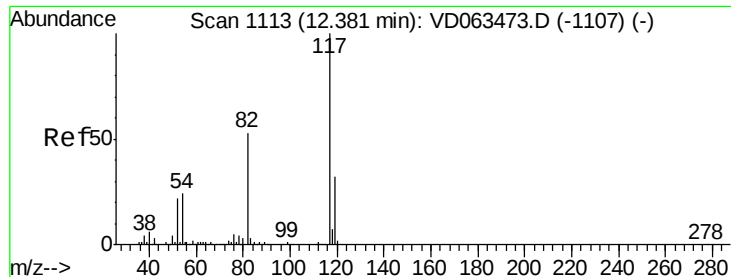
Tot Ion: 98 Resp: 1696326
Ion Ratio Lower Upper
98 100
100 67.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.983 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063603.D
Acq: 15 Aug 2019 14:03

Tgt Ion: 95 Resp: 676986
Ion Ratio Lower Upper
95 100
174 83.7 0.0 155.4
176 76.8 0.0 152.4

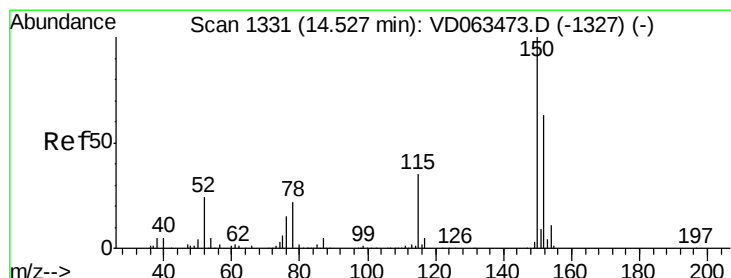
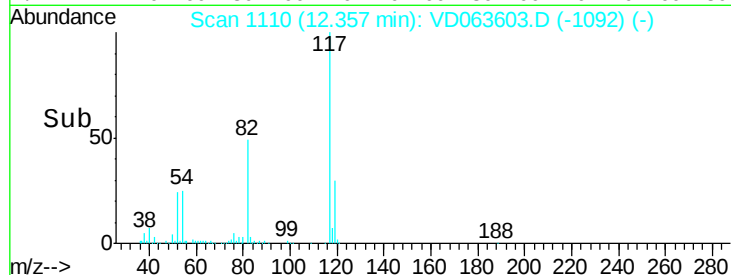
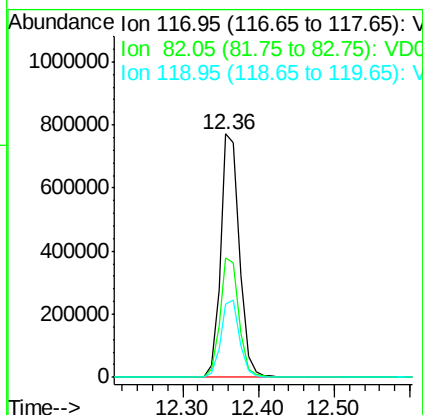
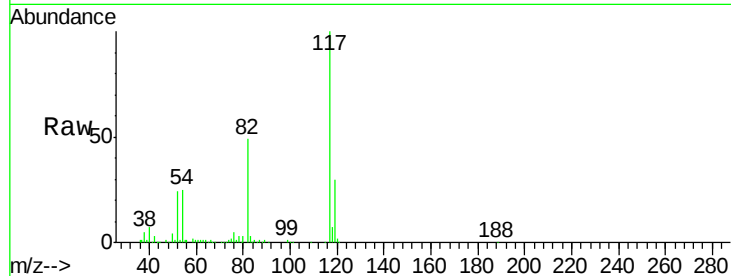




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063603.D
Acq: 15 Aug 2019 14:03

Instrument :
MSVOA_D
ClientSampleId :
VD0815SBL01

Tot Ion:117 Resp: 1336835
Ion Ratio Lower Upper
117 100
82 49.3 42.0 63.0
119 30.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063603.D
Acq: 15 Aug 2019 14:03

Tgt Ion:152 Resp: 673326
Ion Ratio Lower Upper
152 100
115 61.5 30.9 92.7
150 158.0 0.0 318.6

