

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063596.D
 Acq On : 15 Aug 2019 2:38
 Operator : JC/SY
 Sample : VD0814SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBL02

Quant Time: Aug 15 13:20:05 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	7.04	168	914765	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1349053	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1185361	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	584304	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	537658	54.99	ug/l	-0.02
Spiked Amount						
			Recovery	=	109.98%	
35) Dibromofluoromethane	6.92	113	612673	53.92	ug/l	-0.01
Spiked Amount						
			Recovery	=	107.84%	
50) Toluene-d8	10.41	98	1324894	53.04	ug/l	-0.01
Spiked Amount						
			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	13.55	95	570515	50.39	ug/l	-0.01
Spiked Amount						
			Recovery	=	100.78%	

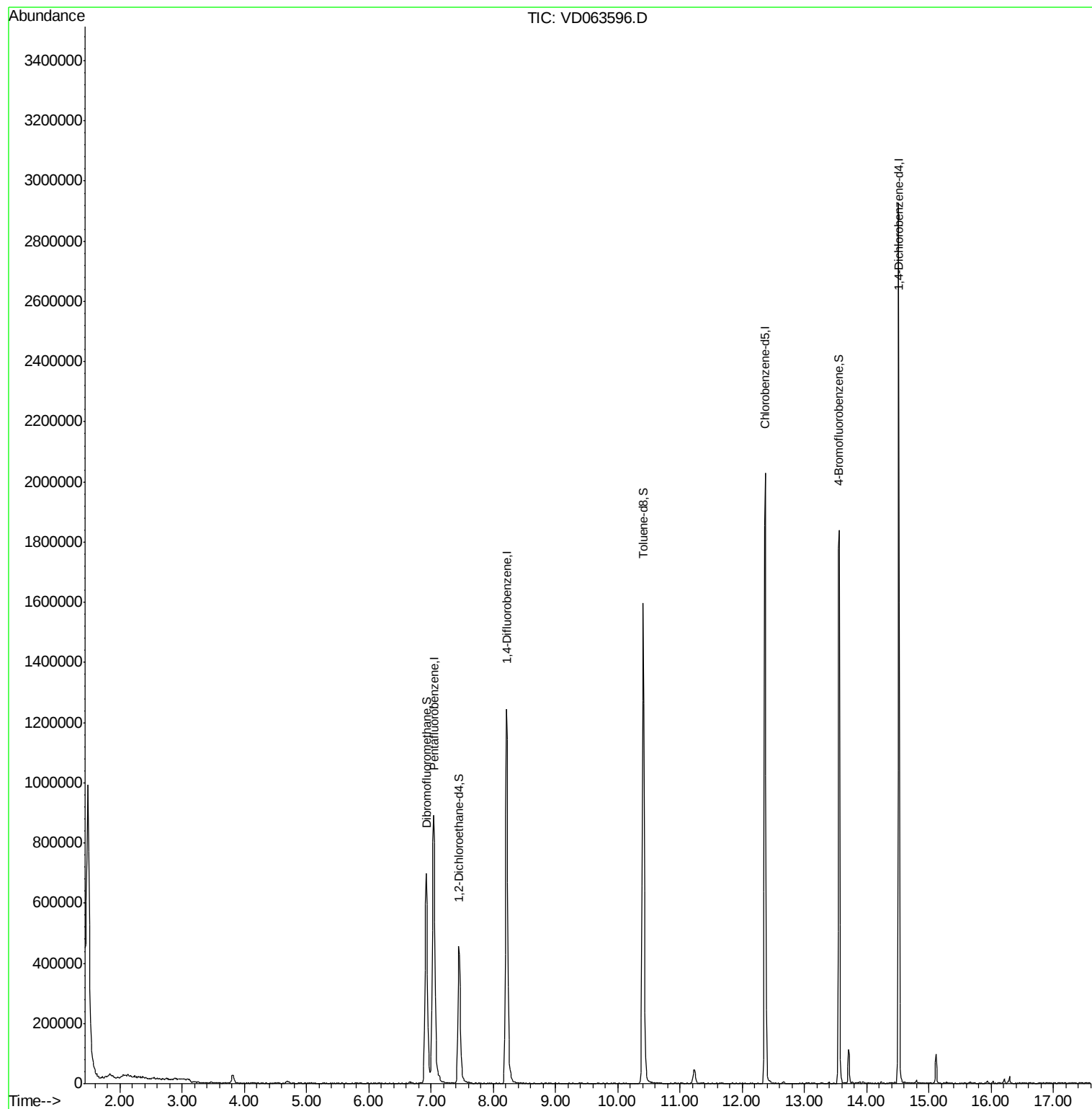
Target Compounds	Qvalue
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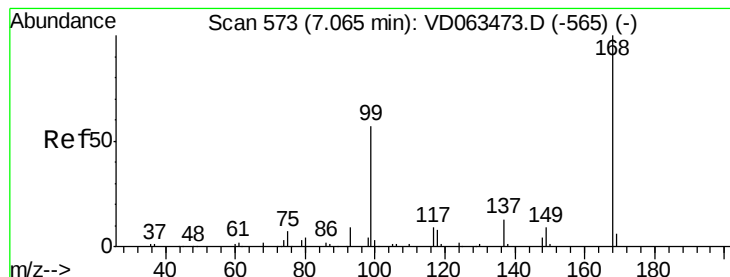
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063596.D

Acq: 15 Aug 2019 2:38

Instrument :

MSVOA_D

ClientSampleId :

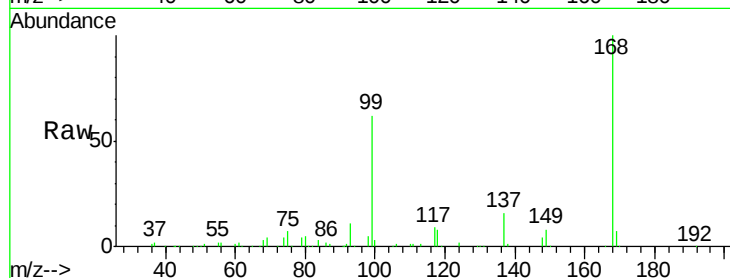
VD0814SBL02

Tot Ion:168 Resp: 914765

Ion Ratio Lower Upper

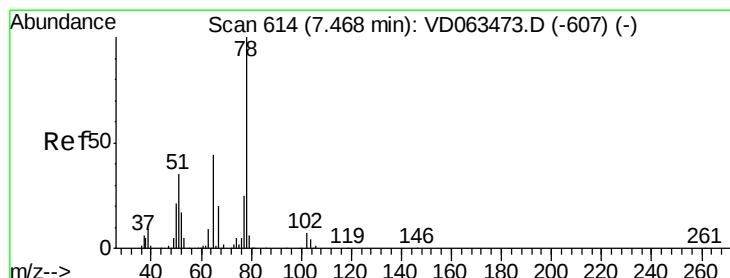
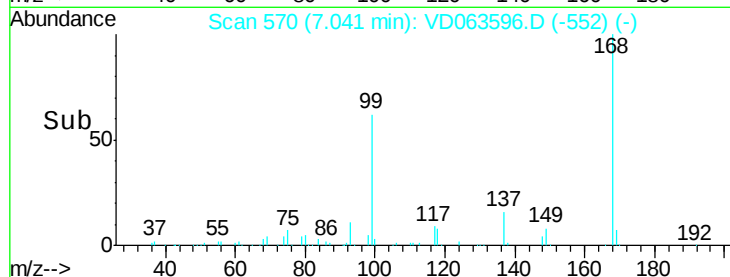
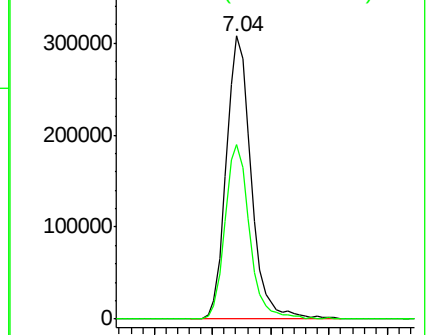
168 100

99 61.8 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: 54.986 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063596.D

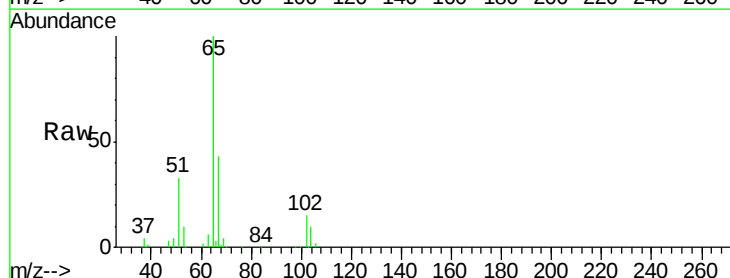
Acq: 15 Aug 2019 2:38

Tgt Ion: 65 Resp: 537658

Ion Ratio Lower Upper

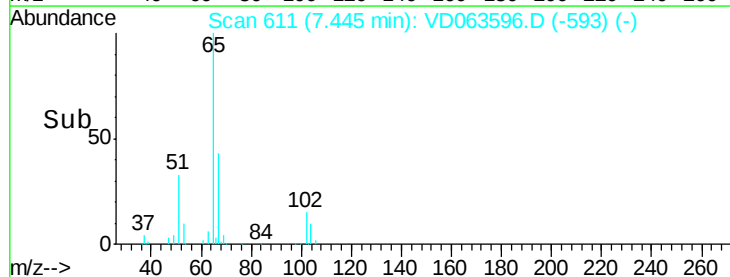
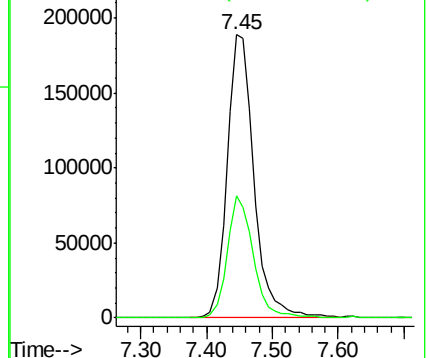
65 100

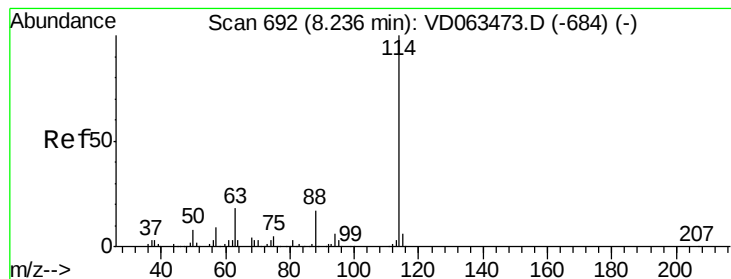
67 43.3 0.0 89.2



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: VD063596.D

Acq: 15 Aug 2019 2:38

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBL02

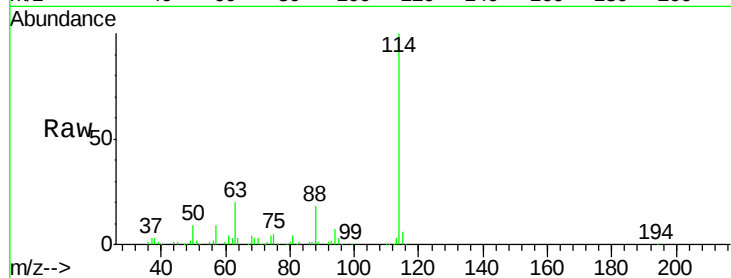
Tot Ion:114 Resp: 1349053

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.2

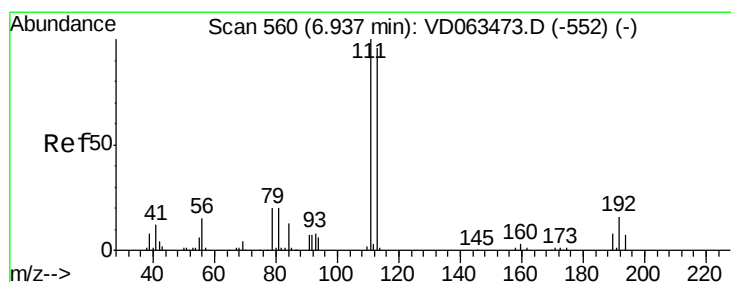
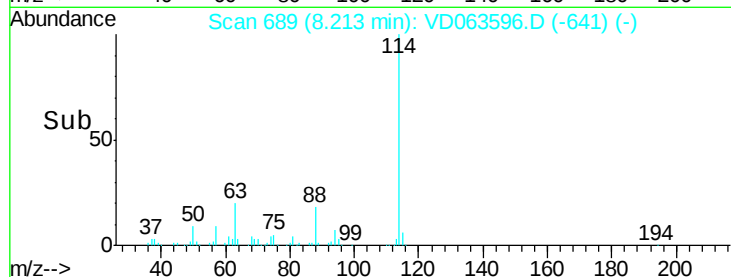
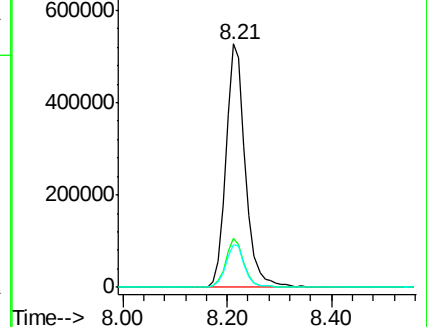
88 17.6 0.0 35.0



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: 53.924 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063596.D

Acq: 15 Aug 2019 2:38

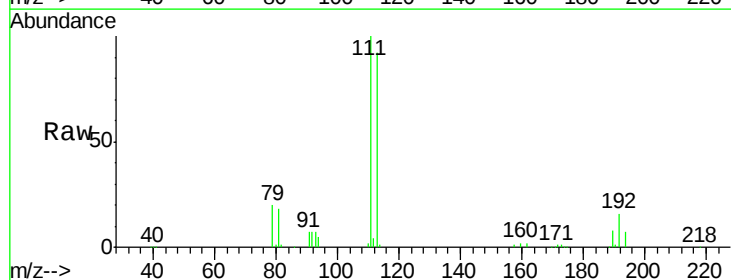
Tgt Ion:113 Resp: 612673

Ion Ratio Lower Upper

113 100

111 108.7 83.1 124.7

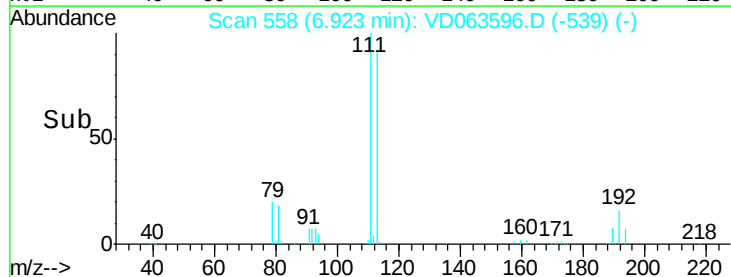
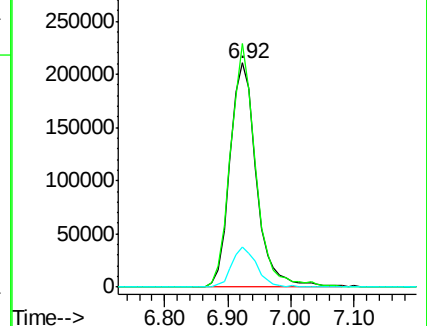
192 17.8 13.1 19.7

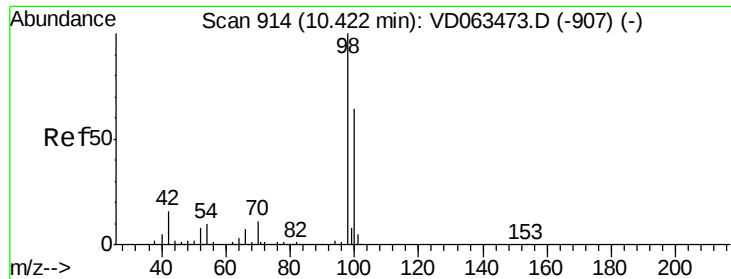


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

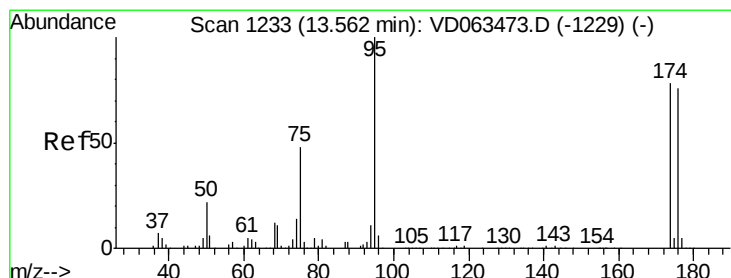
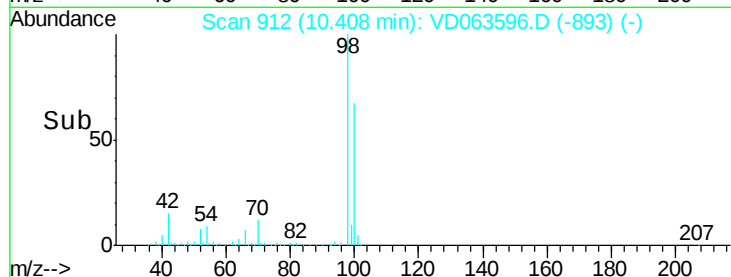
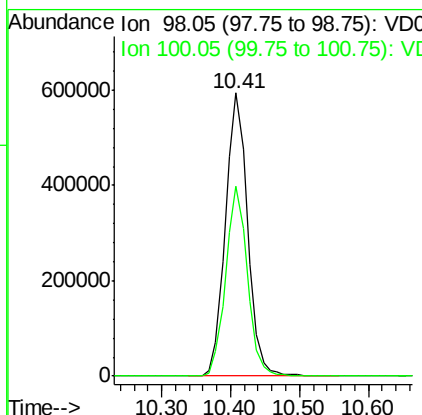
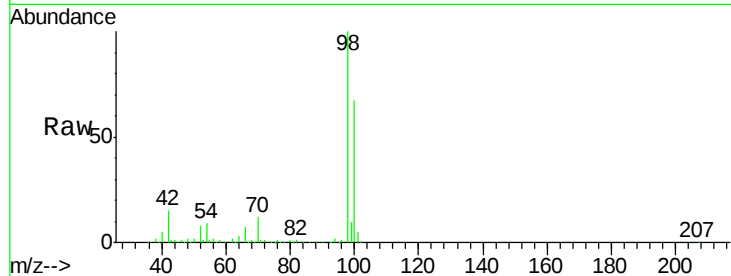




#50
Toluene-d8
Concen: 53.039 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063596.D
Acq: 15 Aug 2019 2:38

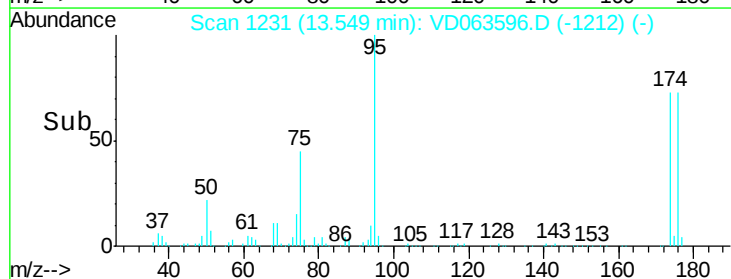
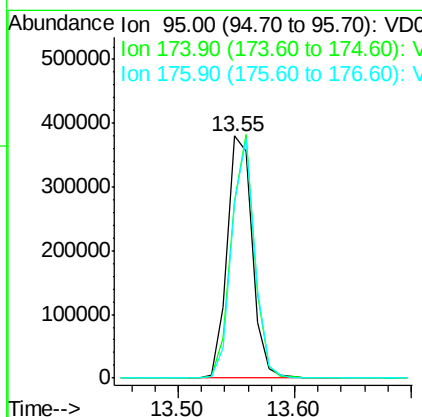
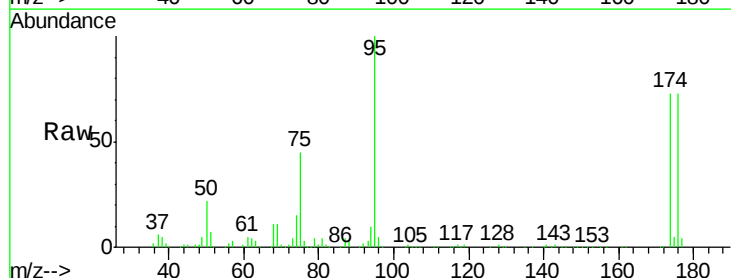
Instrument :
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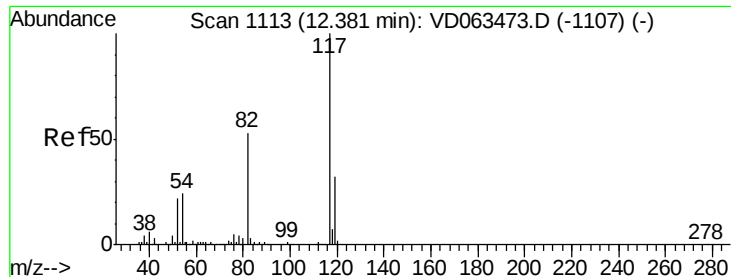
Tot Ion: 98 Resp: 1324894
Ion Ratio Lower Upper
98 100
100 67.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.391 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063596.D
Acq: 15 Aug 2019 2:38

Tgt Ion: 95 Resp: 570515
Ion Ratio Lower Upper
95 100
174 73.3 0.0 155.4
176 72.9 0.0 152.4

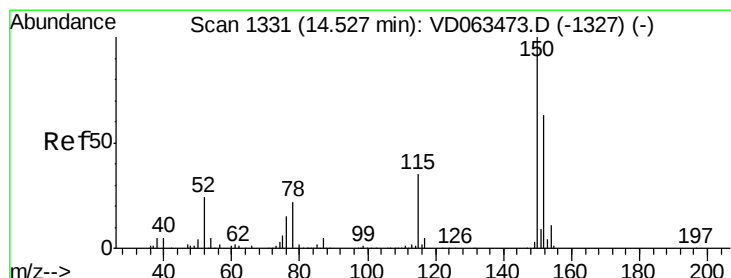
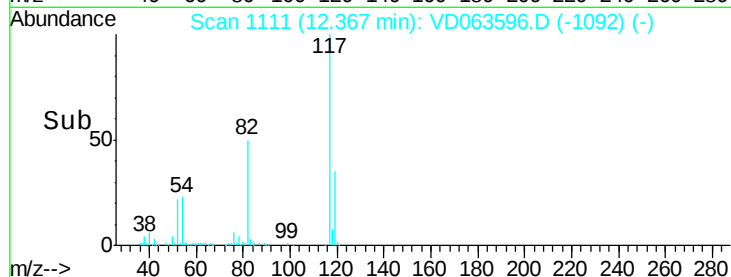
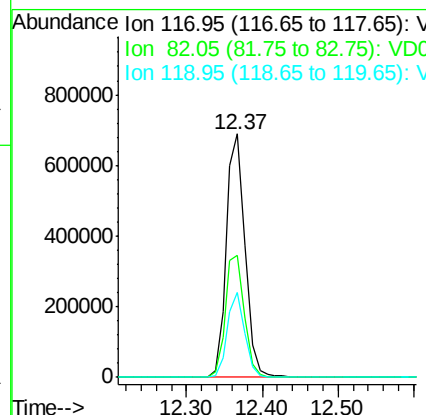
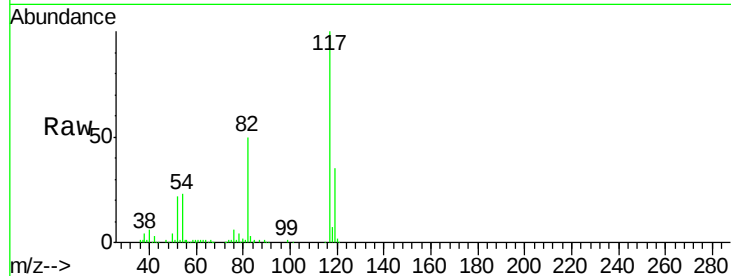




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063596.D
Acq: 15 Aug 2019 2:38

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL02

Tot Ion:117 Resp: 1185361
Ion Ratio Lower Upper
117 100
82 49.9 42.0 63.0
119 34.7 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: VD063596.D
Acq: 15 Aug 2019 2:38

Tgt Ion:152 Resp: 584304
Ion Ratio Lower Upper
152 100
115 60.9 30.9 92.7
150 159.5 0.0 318.6

