

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063532.D
 Acq On : 13 Aug 2019 17:31
 Operator : JC/SY
 Sample : K4096-01
 Misc : 3.60µl/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-081219

Quant Time: Aug 15 12:25:24 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	37389	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	56812	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	56992	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	31502	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	24020	60.10	ug/l	-0.01
Spiked Amount				50.000		
Recovery						= 120.20%
35) Dibromofluoromethane	6.92	113	22802	47.66	ug/l	-0.01
Spiked Amount				50.000		
Recovery						= 95.32%
50) Toluene-d8	10.41	98	44926	42.71	ug/l	-0.01
Spiked Amount				50.000		
Recovery						= 85.42%
62) 4-Bromofluorobenzene	13.56	95	24070	50.48	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 100.96%

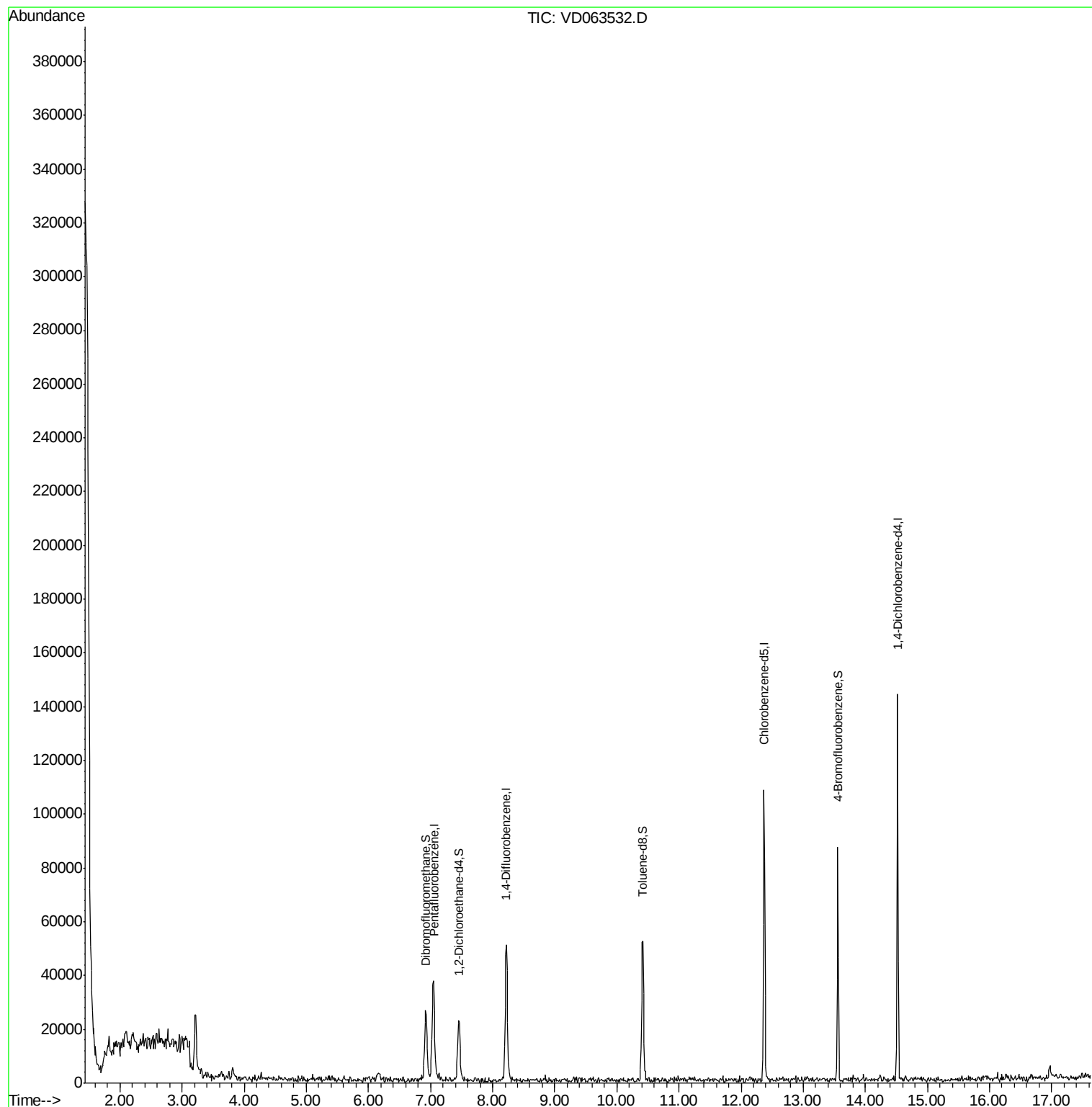
Target Compounds	Qvalue

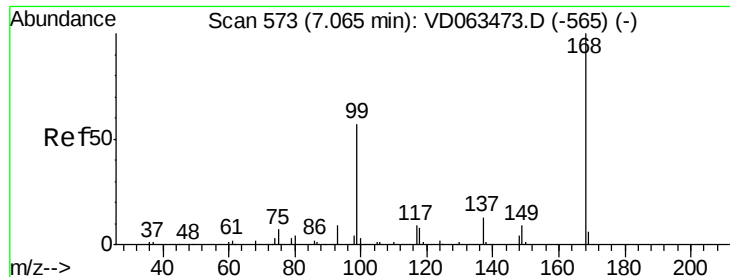
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063532.D

Acq: 13 Aug 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

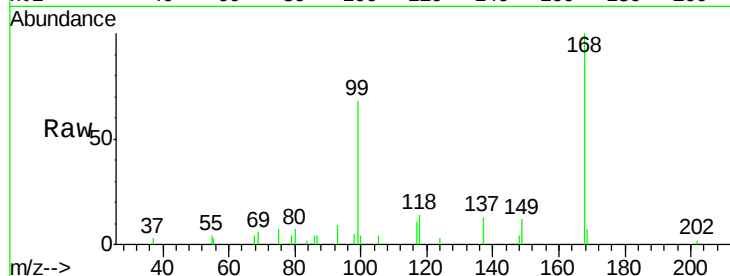
TR-04-081219

Tot Ion:168 Resp: 37389

Ion Ratio Lower Upper

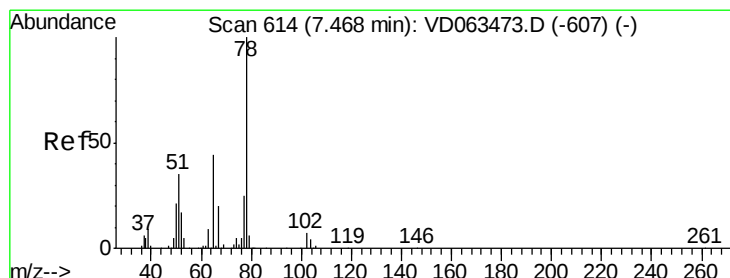
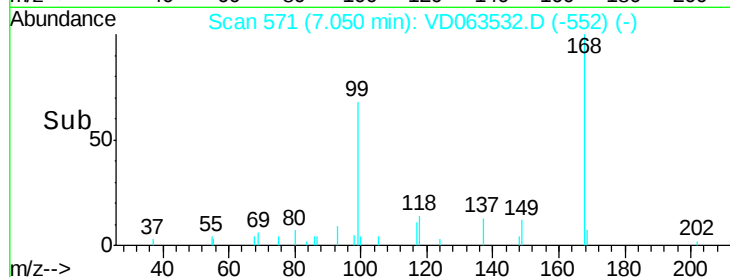
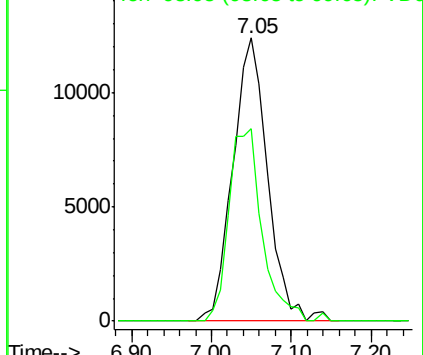
168 100

99 68.1 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: 60.101 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063532.D

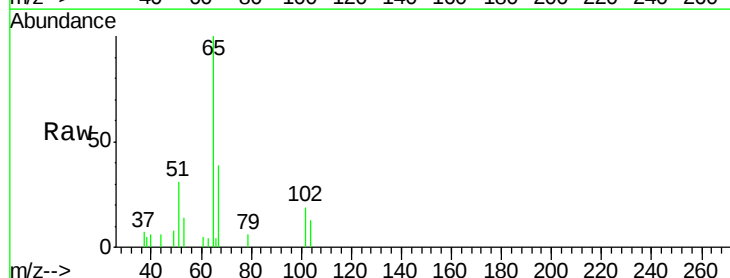
Acq: 13 Aug 2019 17:31

Tgt Ion: 65 Resp: 24020

Ion Ratio Lower Upper

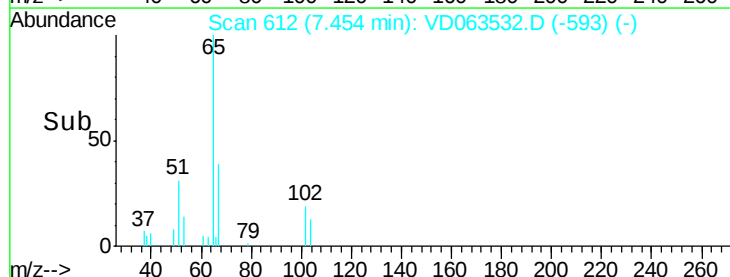
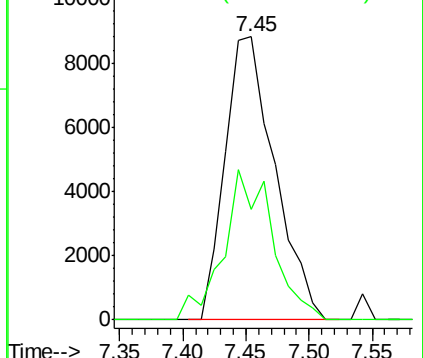
65 100

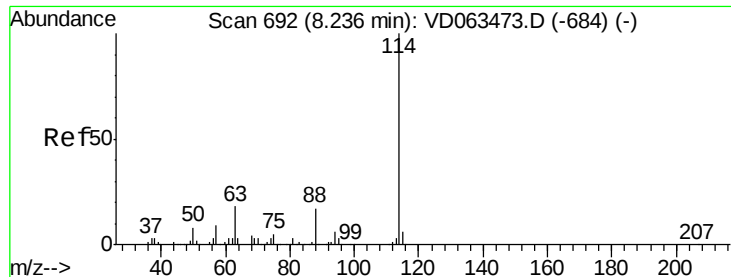
67 38.9 0.0 89.2



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: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063532.D

Acq: 13 Aug 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

TR-04-081219

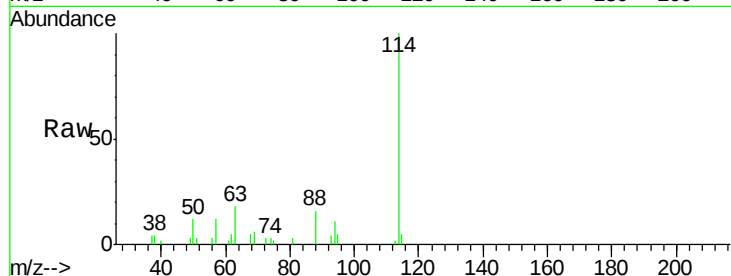
Tot Ion:114 Resp: 56812

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

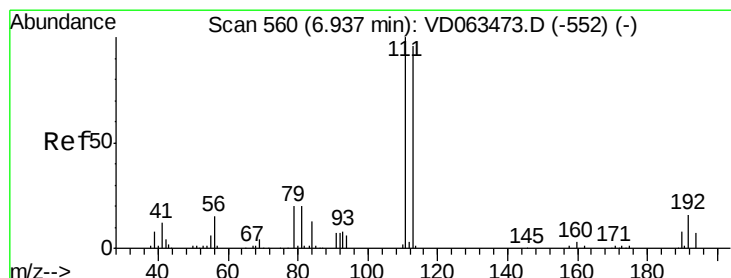
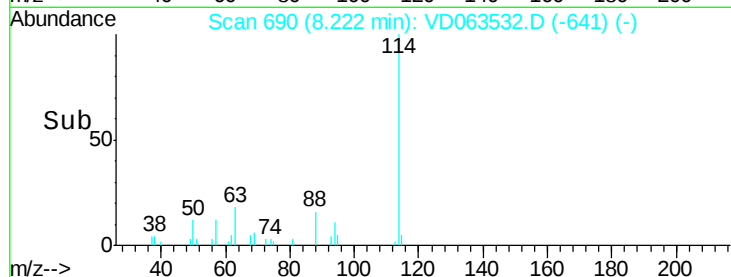
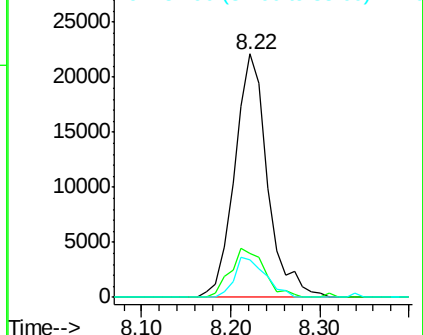
88 15.5 0.0 35.0



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: 47.656 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063532.D

Acq: 13 Aug 2019 17:31

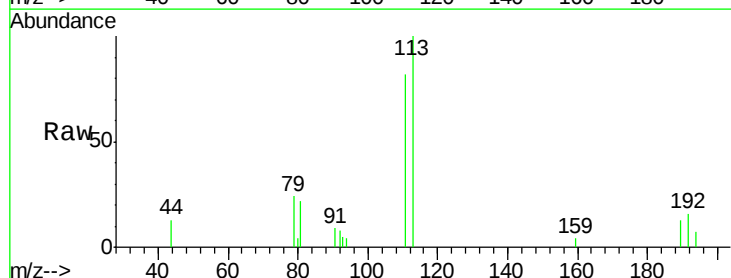
Tgt Ion:113 Resp: 22802

Ion Ratio Lower Upper

113 100

111 82.2 83.1 124.7#

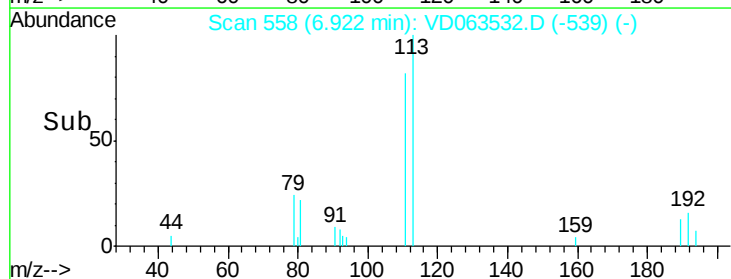
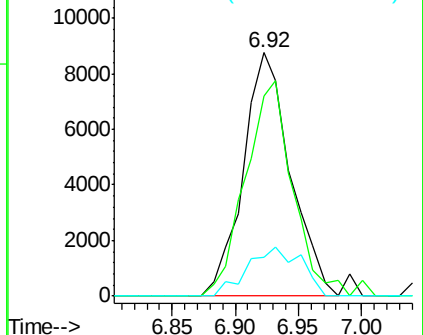
192 15.8 13.1 19.7

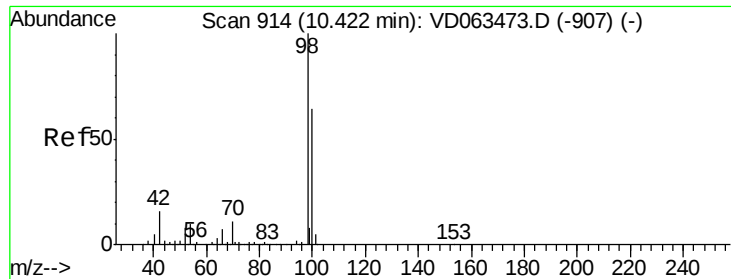


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

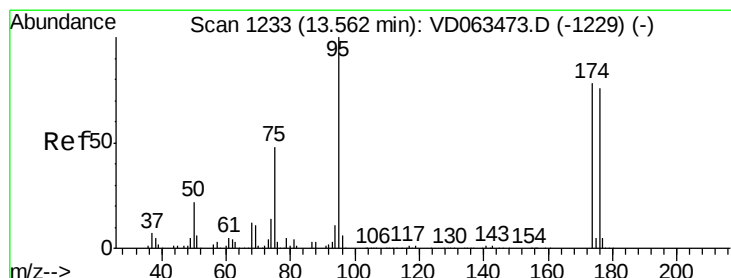
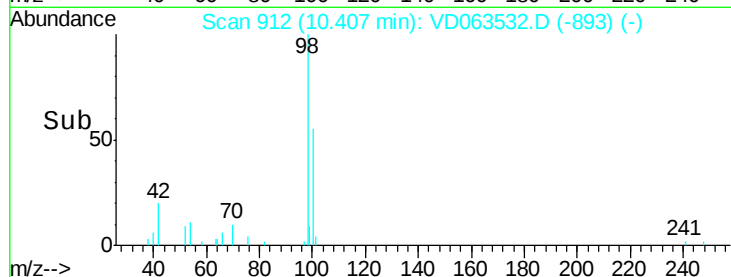
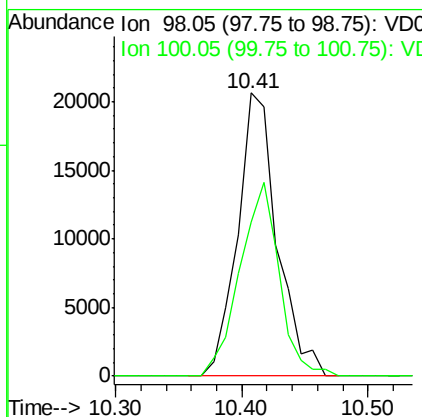
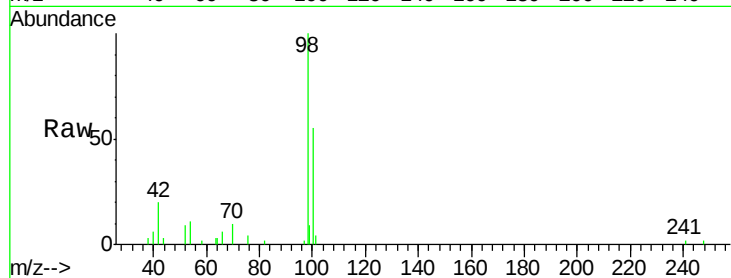




#50
Toluene-d8
Concen: 42.707 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063532.D
Acq: 13 Aug 2019 17:31

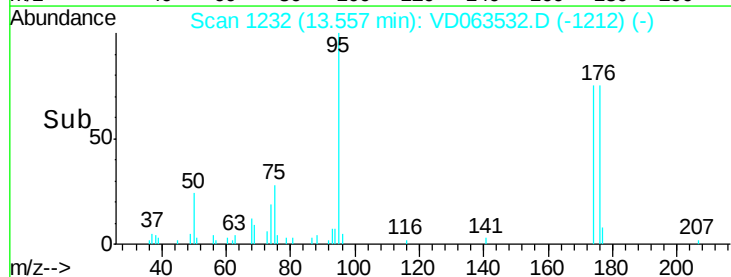
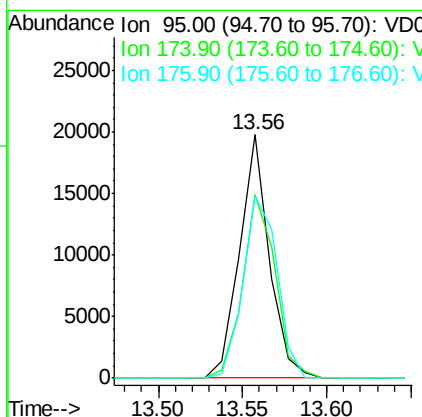
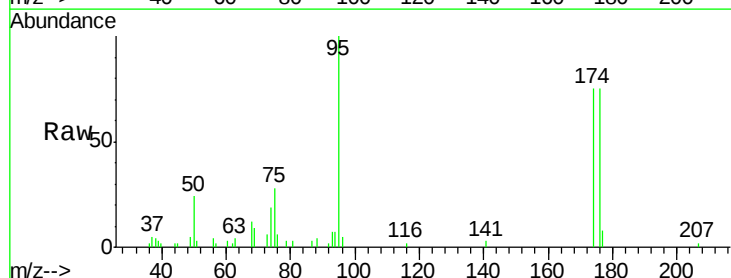
Instrument :
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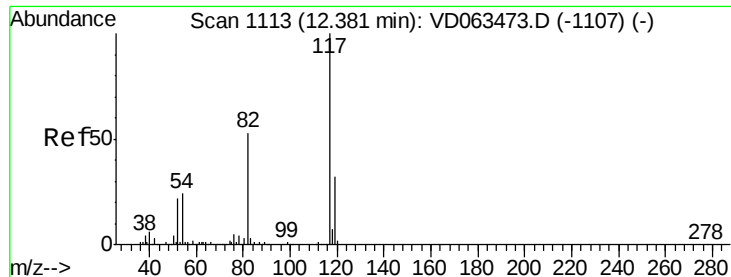
Tot Ion: 98 Resp: 44926
Ion Ratio Lower Upper
98 100
100 54.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.484 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063532.D
Acq: 13 Aug 2019 17:31

Tgt Ion: 95 Resp: 24070
Ion Ratio Lower Upper
95 100
174 75.3 0.0 155.4
176 74.8 0.0 152.4

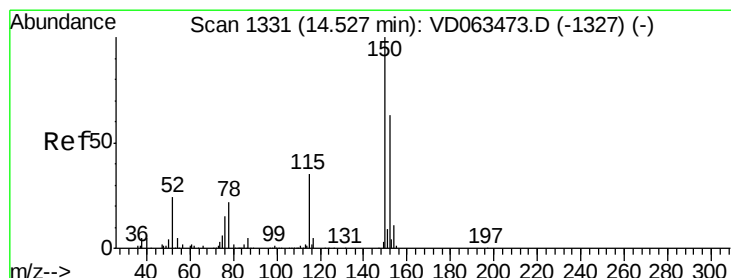
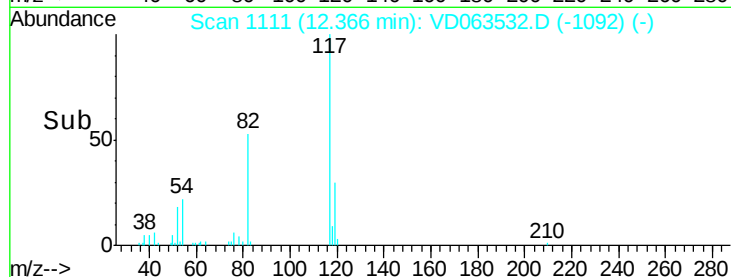
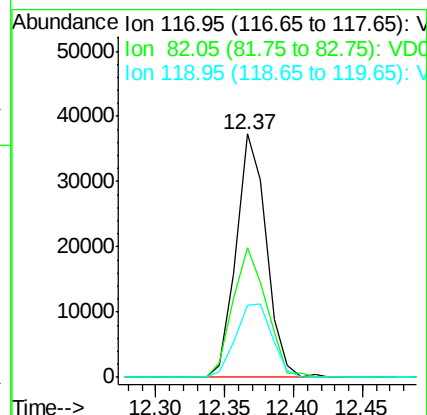
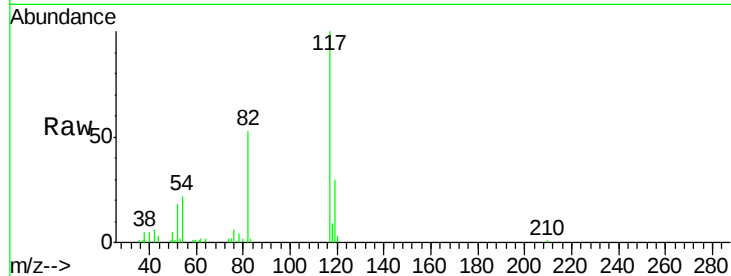




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063532.D
Acq: 13 Aug 2019 17:31

Instrument :
MSVOA_D
ClientSampleId :
TR-04-081219

Tot Ion:117 Resp: 56992
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 29.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063532.D
Acq: 13 Aug 2019 17:31

Tgt Ion:152 Resp: 31502
Ion Ratio Lower Upper
152 100
115 51.8 30.9 92.7
150 148.4 0.0 318.6

