

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063568.D
 Acq On : 14 Aug 2019 11:38
 Operator : JC/SY
 Sample : K4238-01
 Misc : 5.60g/5ml/MSVOA D/SOIL
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17

Quant Time: Aug 14 12:19:43 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	901196	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1301830	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	911054	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	318215	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	432191	44.87	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.74%	
35) Dibromofluoromethane	6.92	113	501571	45.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.50%	
50) Toluene-d8	10.41	98	964014	39.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	79.98%	
62) 4-Bromofluorobenzene	13.56	95	323772	29.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.26%	

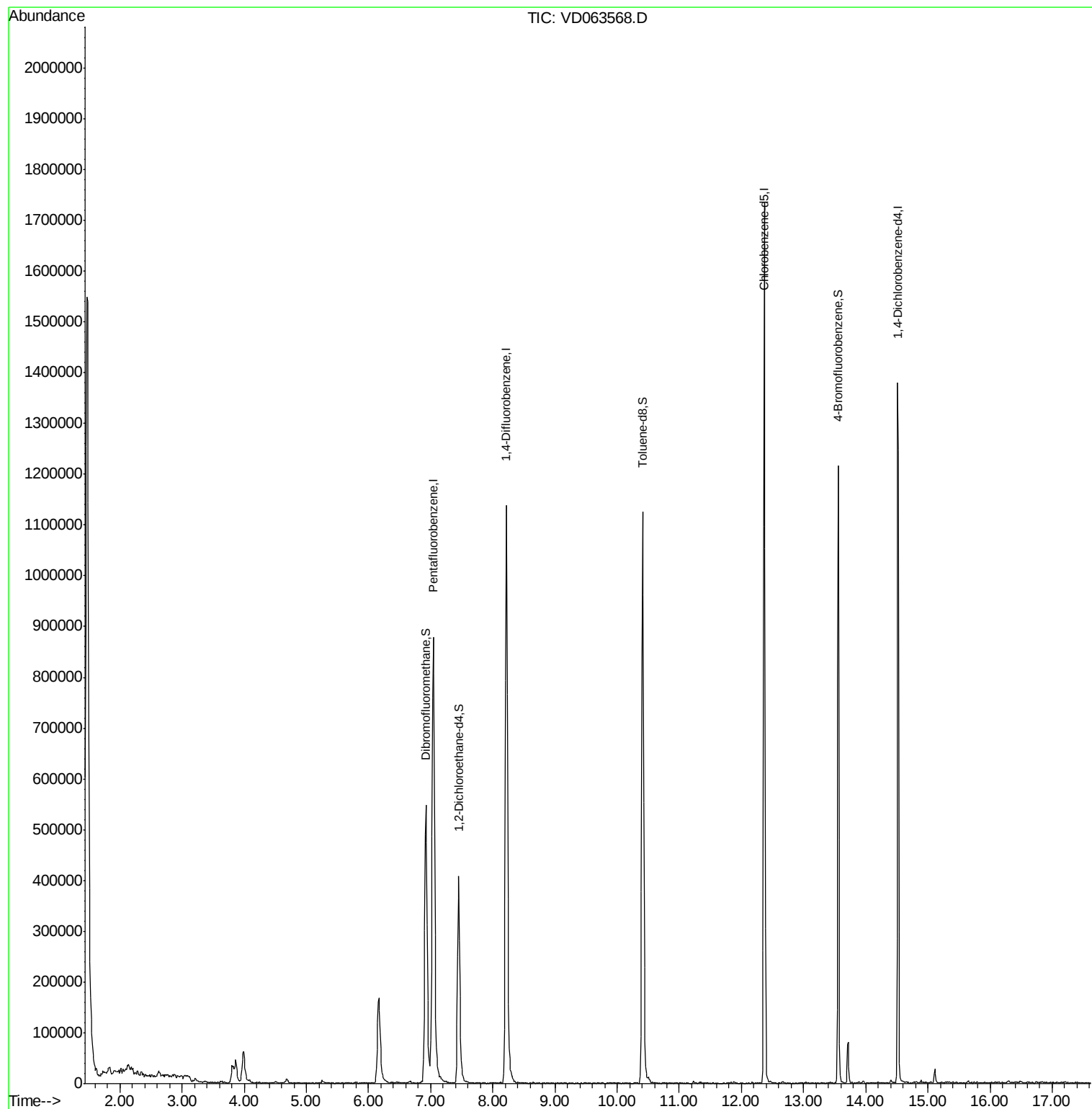
Target Compounds	Qvalue
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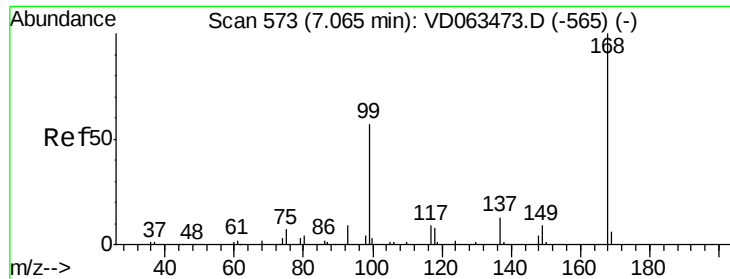
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063568.D

Acq: 14 Aug 2019 11:38

Instrument :

MSVOA_D

ClientSampleId :

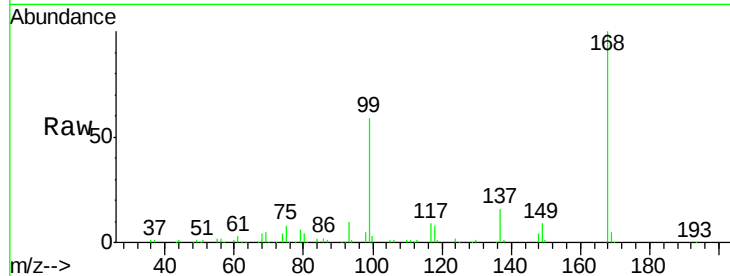
TP-17

Tot Ion:168 Resp: 901196

Ion Ratio Lower Upper

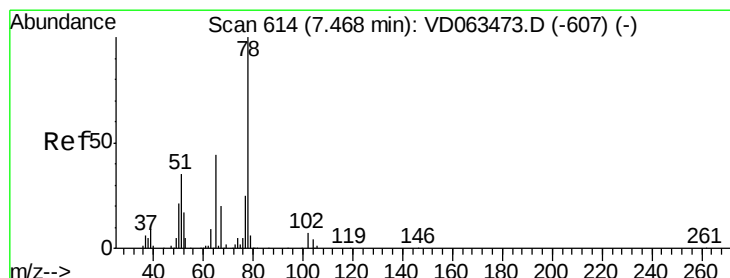
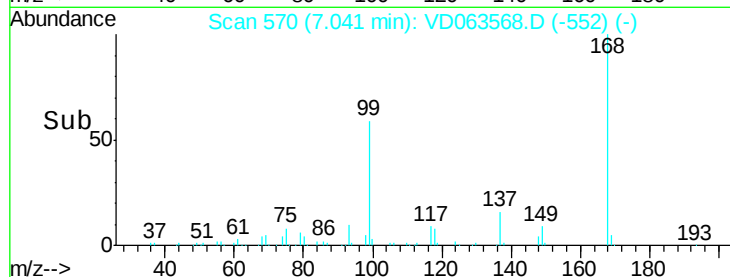
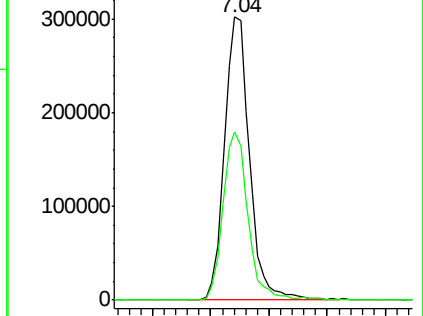
168 100

99 59.5 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: 44.865 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063568.D

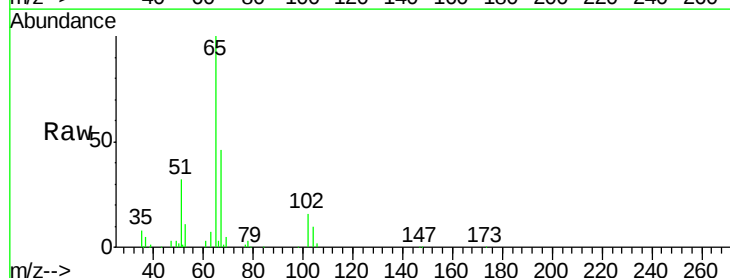
Acq: 14 Aug 2019 11:38

Tgt Ion: 65 Resp: 432191

Ion Ratio Lower Upper

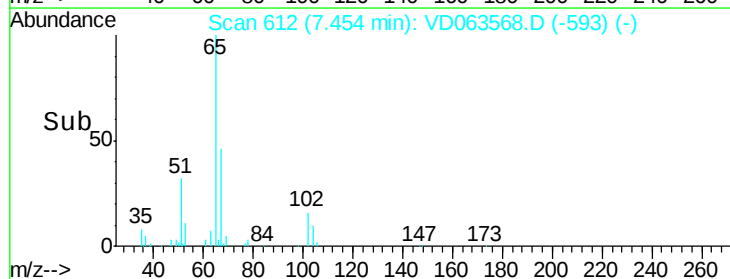
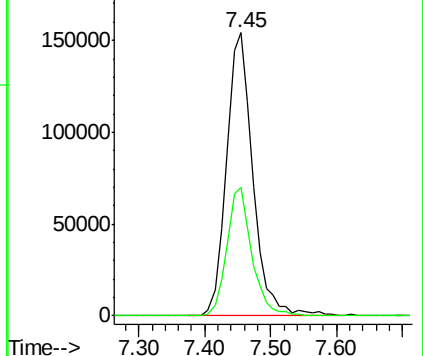
65 100

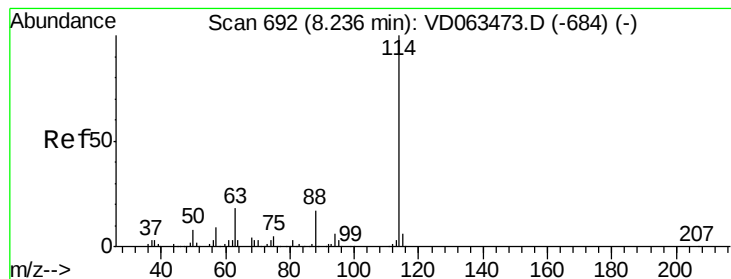
67 45.6 0.0 89.2



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: VD063568.D

Acq: 14 Aug 2019 11:38

Instrument :

MSVOA_D

ClientSampleId :

TP-17

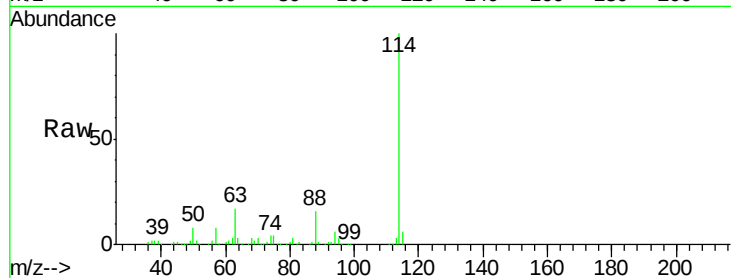
Tot Ion:114 Resp: 1301830

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.2

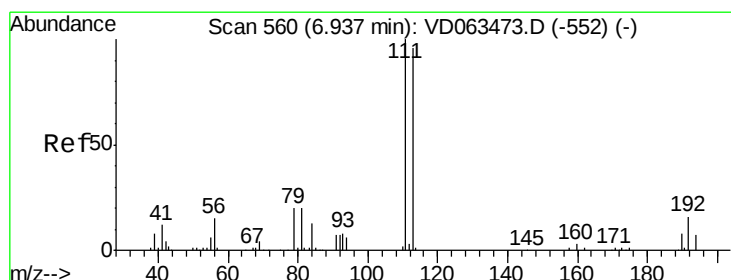
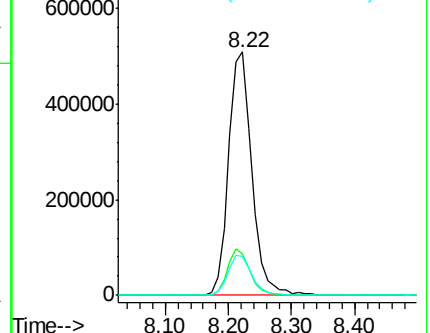
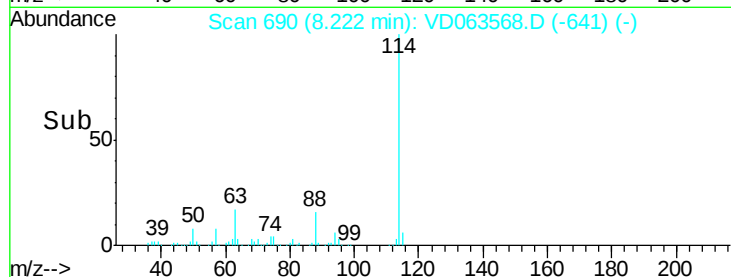
88 16.0 0.0 35.0



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: 45.747 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063568.D

Acq: 14 Aug 2019 11:38

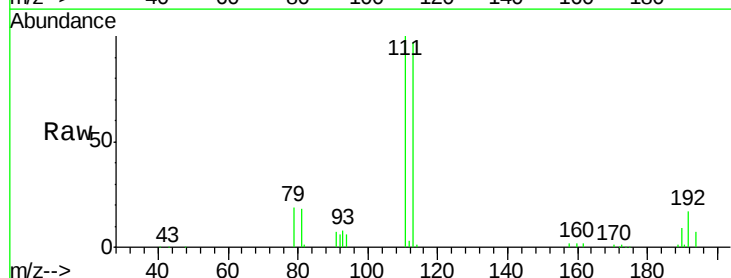
Tgt Ion:113 Resp: 501571

Ion Ratio Lower Upper

113 100

111 103.2 83.1 124.7

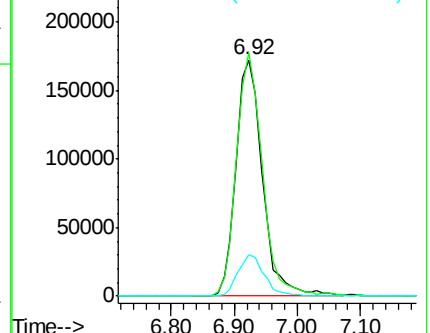
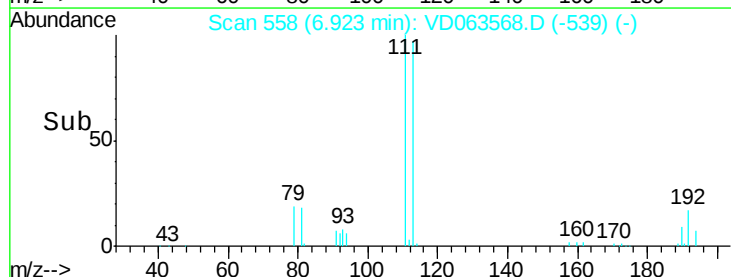
192 17.6 13.1 19.7

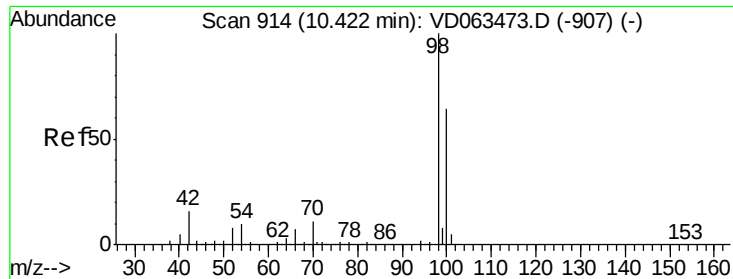


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

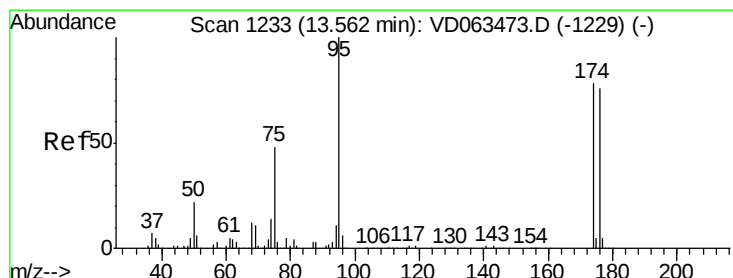
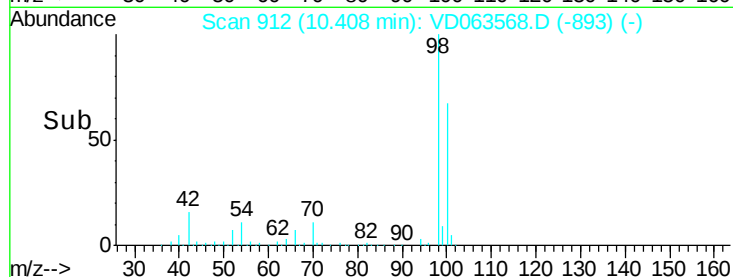
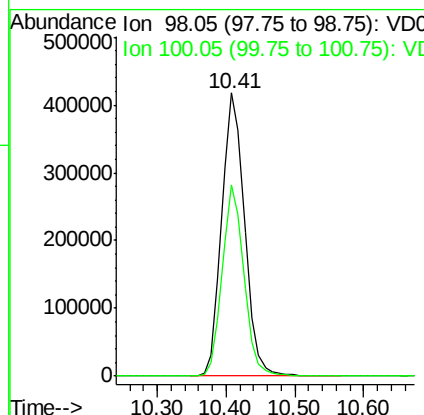
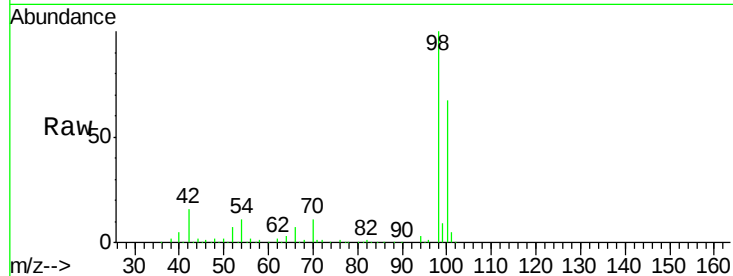




#50
Toluene-d8
Concen: 39.992 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063568.D
Acq: 14 Aug 2019 11:38

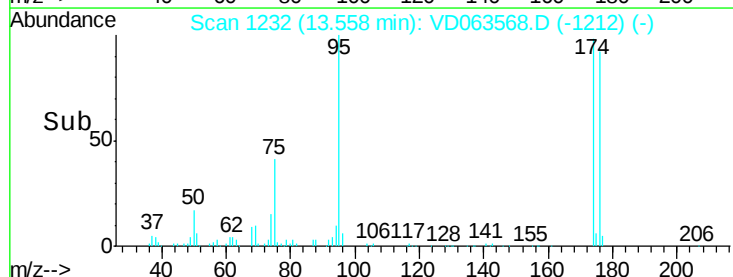
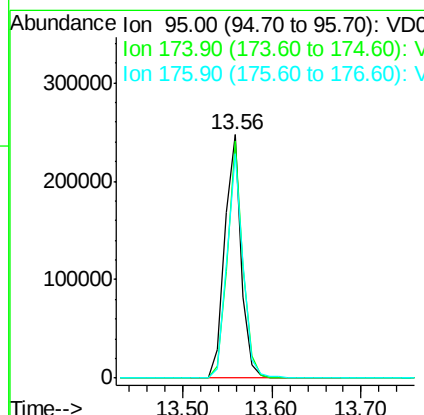
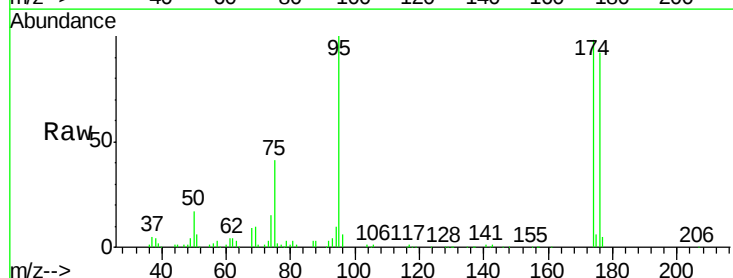
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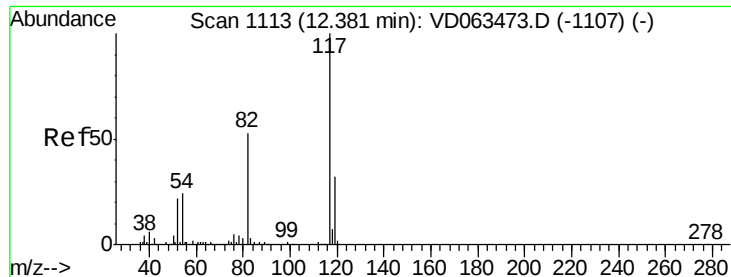
Tot Ion: 98 Resp: 964014
Ion Ratio Lower Upper
98 100
100 67.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 29.635 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063568.D
Acq: 14 Aug 2019 11:38

Tgt Ion: 95 Resp: 323772
Ion Ratio Lower Upper
95 100
174 97.5 0.0 155.4
176 92.1 0.0 152.4

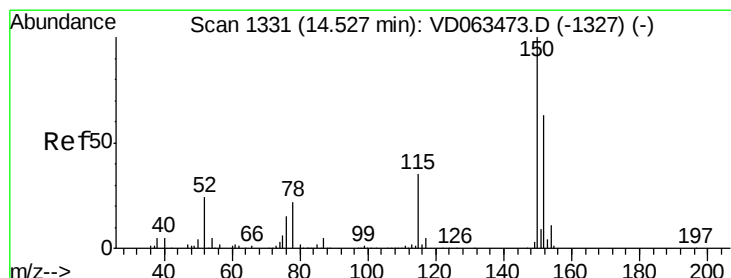
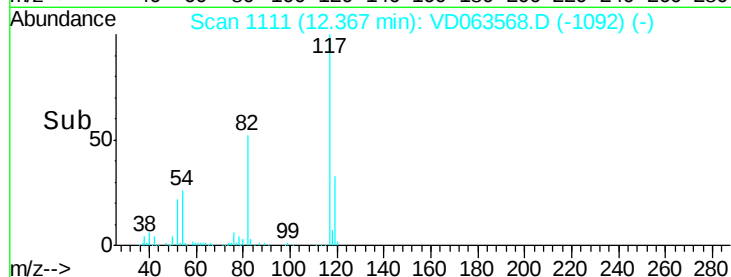
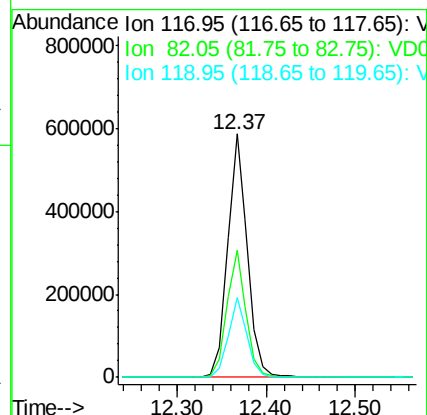
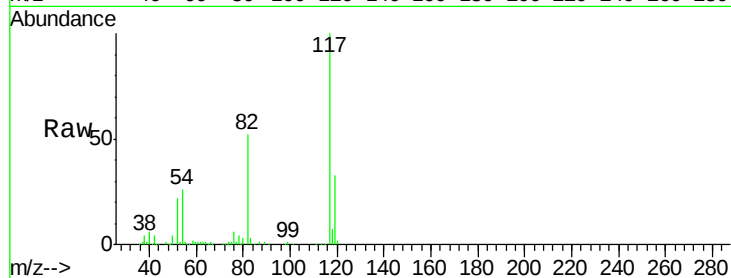




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063568.D
Acq: 14 Aug 2019 11:38

Instrument :
MSVOA_D
ClientSampleId :
TP-17

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.0	63.0
119	32.9	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: VD063568.D
Acq: 14 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.5	30.9	92.7
150	155.6	0.0	318.6

