

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081419\
 Data File : VD063584.D
 Acq On : 14 Aug 2019 19:53
 Operator : JC/SY
 Sample : K4290-03RE
 Misc : 5.03g/5ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3RE

Quant Time: Aug 22 08:32:51 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	867889	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1153716	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	836752	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	276777	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	396125	42.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.40%	
35) Dibromofluoromethane	6.92	113	466981	48.06	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	10.41	98	826863	38.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.42%	
62) 4-Bromofluorobenzene	13.56	95	263542	27.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.44%	

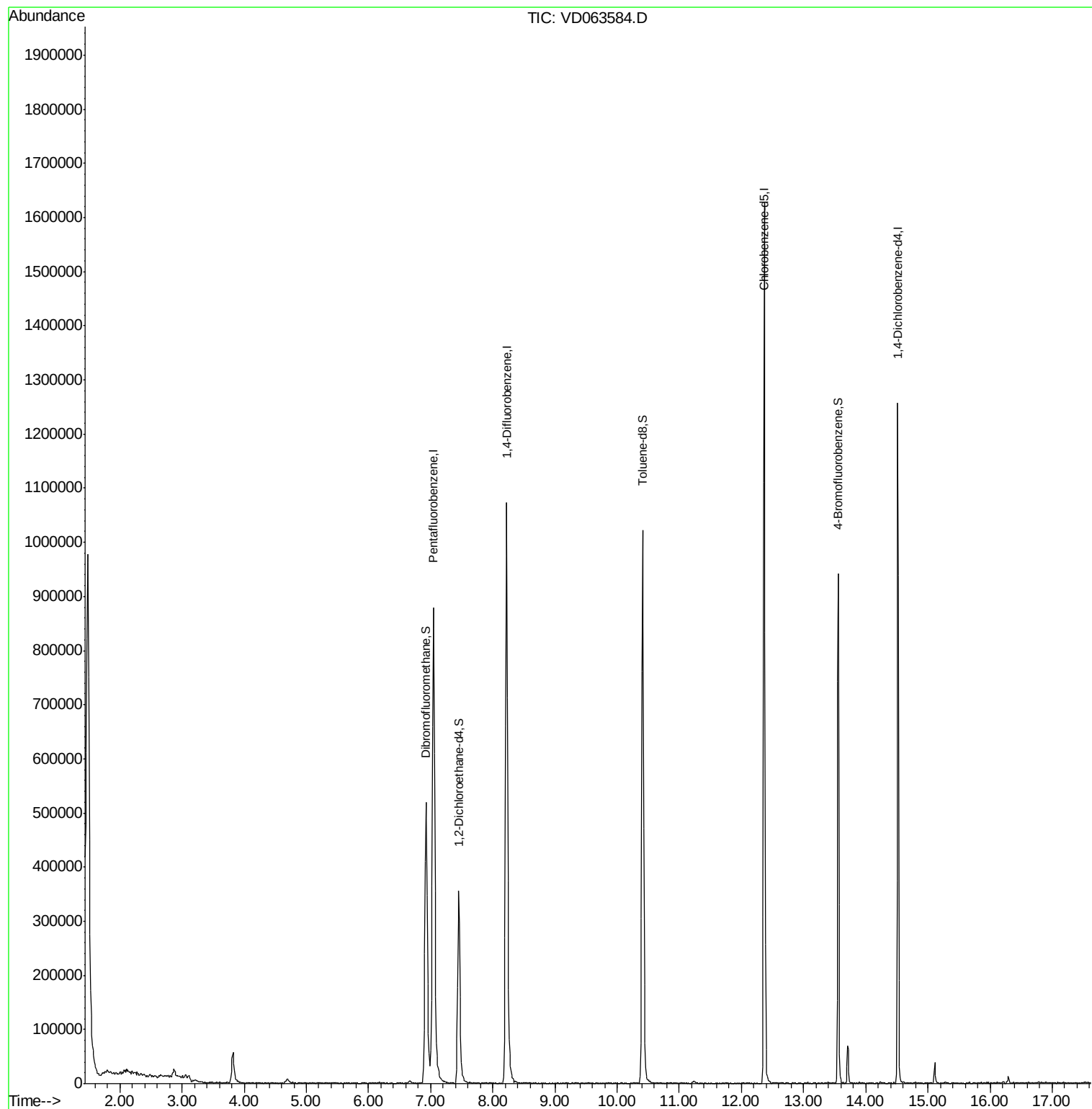
Target Compounds	Qvalue

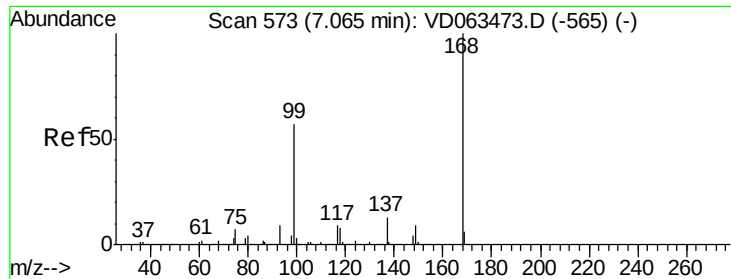
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

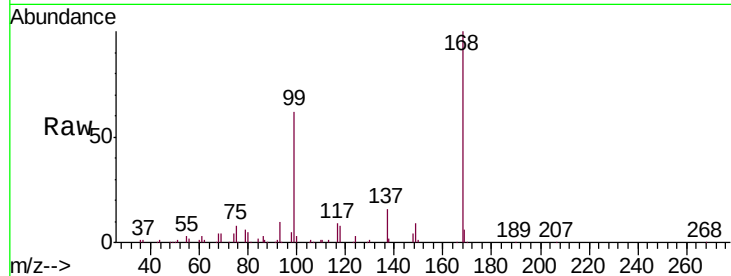
B-3RE

Tgt Ion:168 Resp: 867889

Ion Ratio Lower Upper

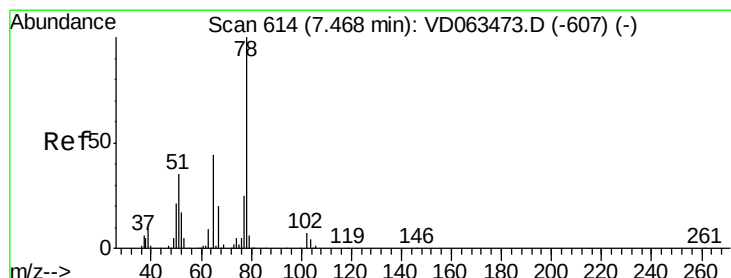
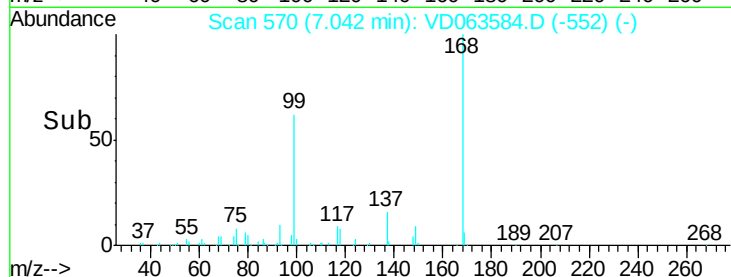
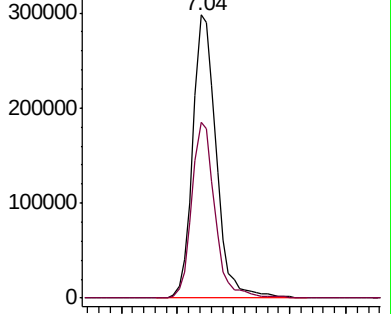
168 100

99 62.4 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: 42.699 ug/l

RT: 7.46 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063584.D

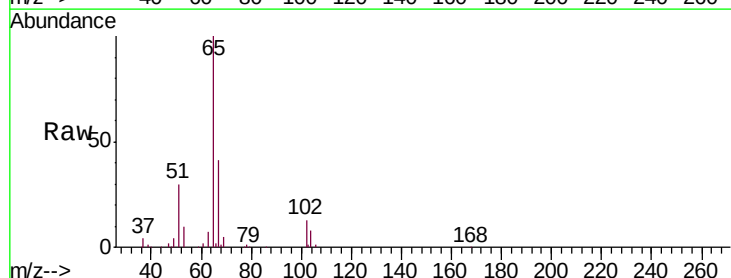
Acq: 14 Aug 2019 19:53

Tgt Ion: 65 Resp: 396125

Ion Ratio Lower Upper

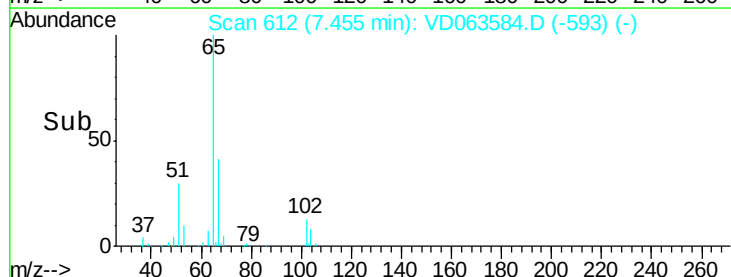
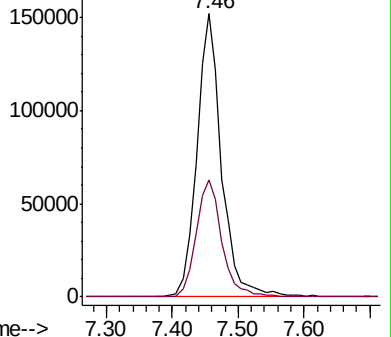
65 100

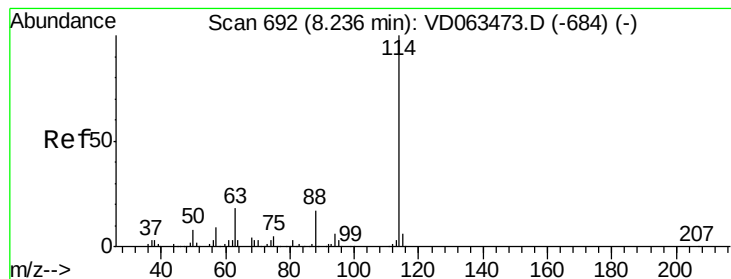
67 41.3 0.0 89.2



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: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063584.D

Acq: 14 Aug 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

B-3RE

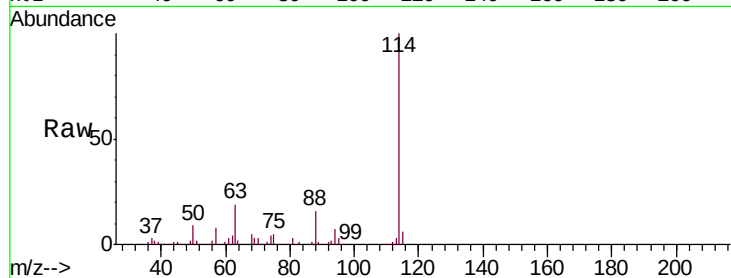
Tgt Ion:114 Resp: 1153716

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.2

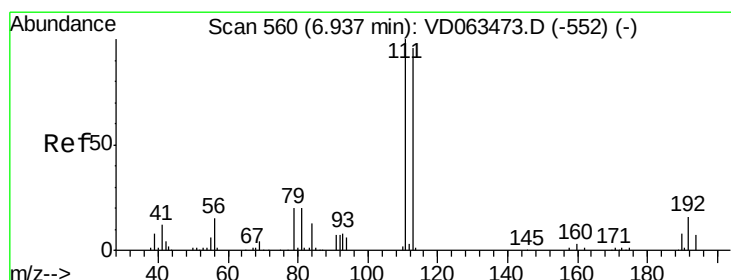
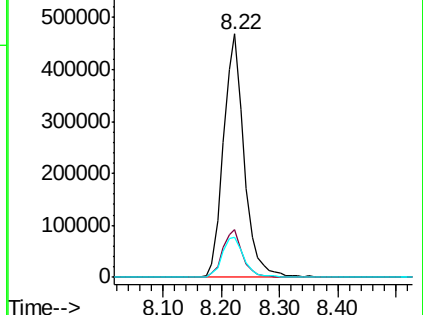
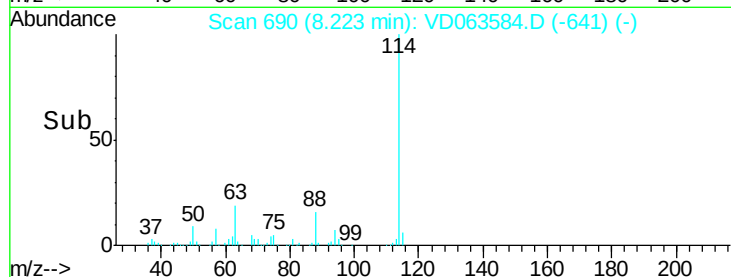
88 16.4 0.0 35.0



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: 48.060 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063584.D

Acq: 14 Aug 2019 19:53

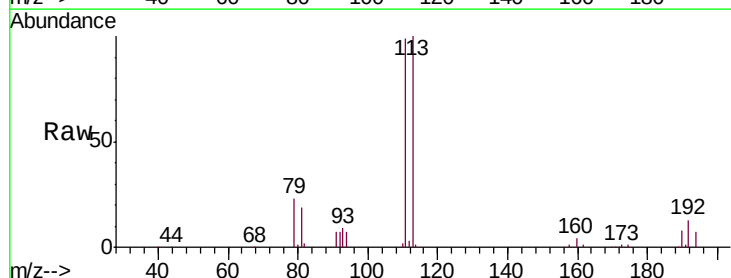
Tgt Ion:113 Resp: 466981

Ion Ratio Lower Upper

113 100

111 98.5 83.1 124.7

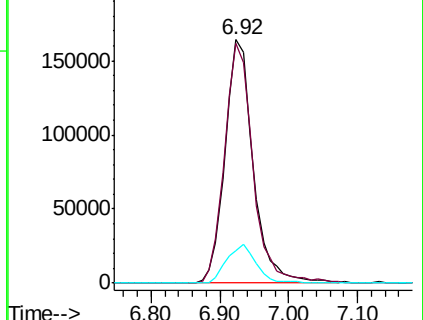
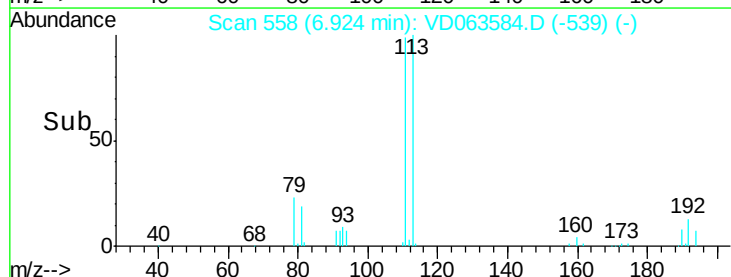
192 13.4 13.1 19.7

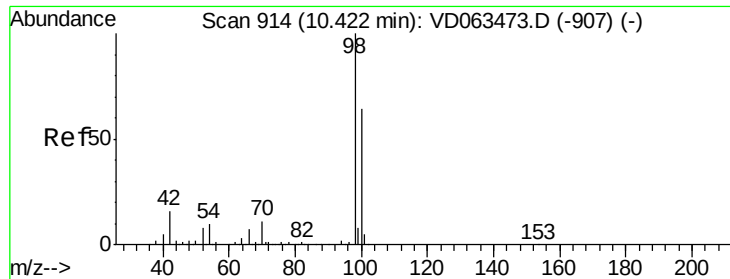


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

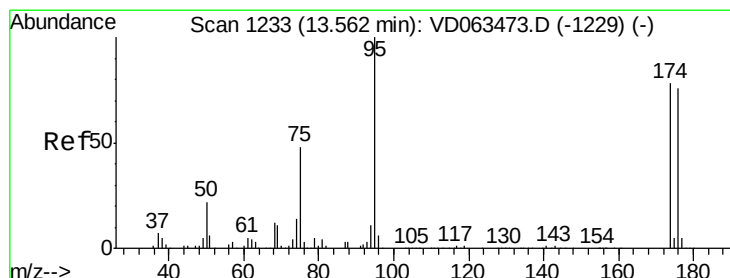
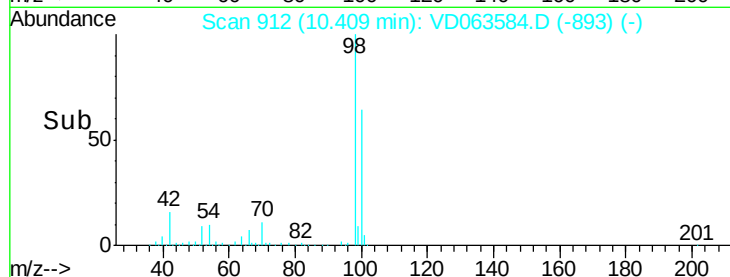
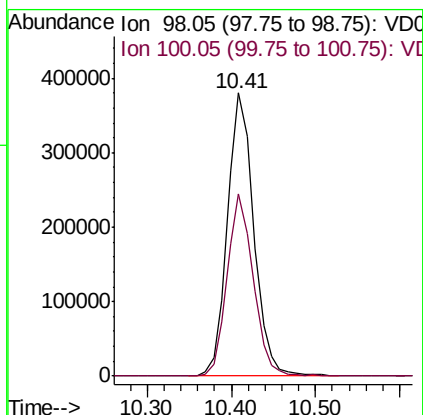
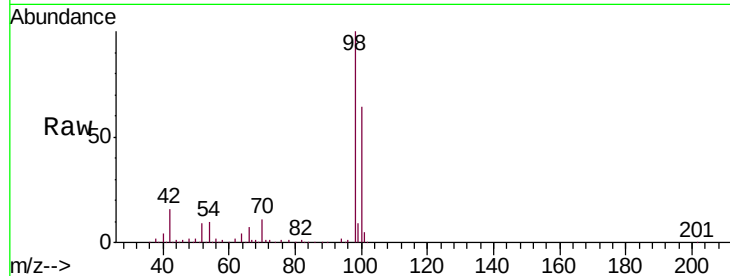




#50
Toluene-d8
Concen: 38.706 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063584.D
Acq: 14 Aug 2019 19:53

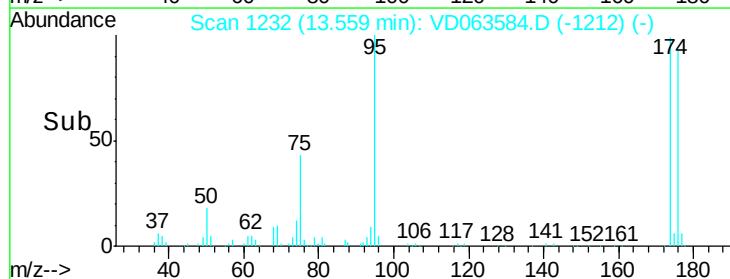
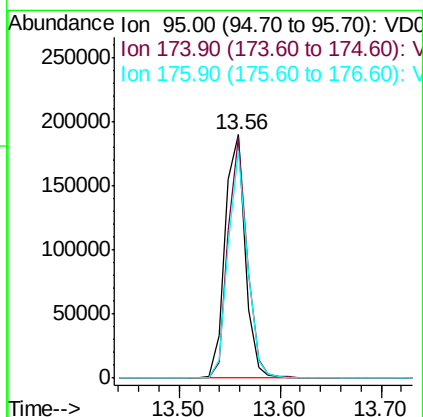
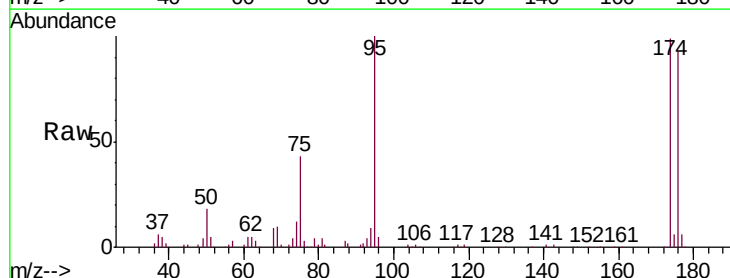
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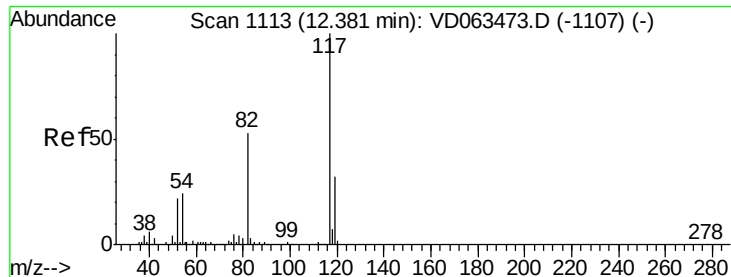
Tgt Ion: 98 Resp: 826863
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 27.219 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063584.D
Acq: 14 Aug 2019 19:53

Tgt Ion: 95 Resp: 263542
Ion Ratio Lower Upper
95 100
174 98.9 0.0 155.4
176 93.0 0.0 152.4

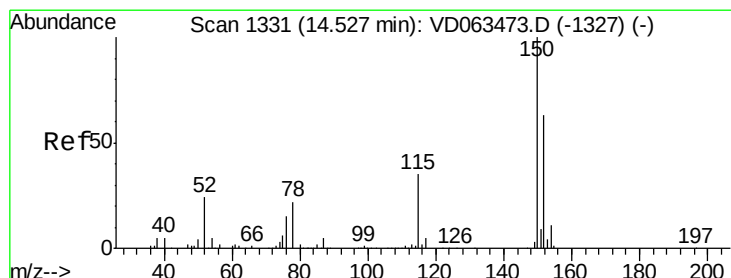
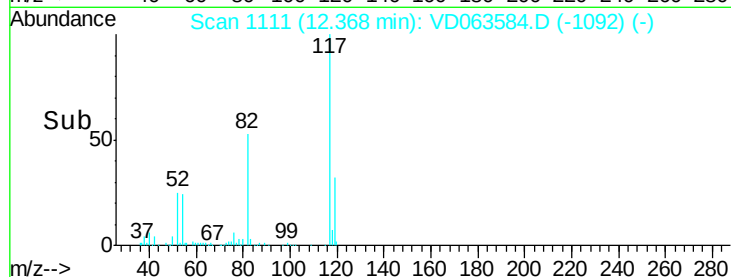
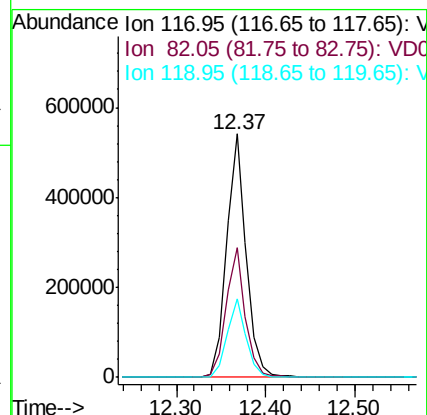
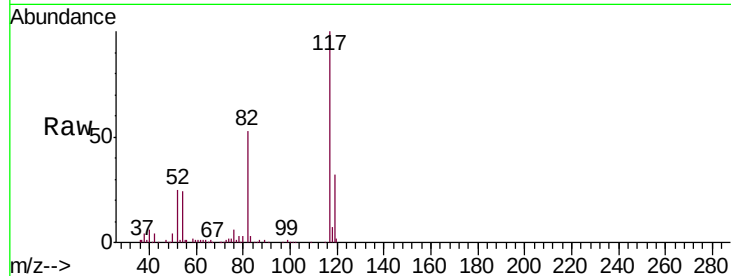




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063584.D
Acq: 14 Aug 2019 19:53

Instrument :
MSVOA_D
ClientSampleId :
B-3RE

Tgt Ion:117 Resp: 836752
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 32.3 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: VD063584.D
Acq: 14 Aug 2019 19:53

Tgt Ion:152 Resp: 276777
Ion Ratio Lower Upper
152 100
115 60.6 30.9 92.7
150 169.4 0.0 318.6

