

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063531.D
 Acq On : 13 Aug 2019 17:04
 Operator : JC/SY
 Sample : K4295-05
 Misc : 4.70g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-05_080919

Quant Time: Aug 14 09:03:49 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	1160301	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.23	114	1573968	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1342407	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	633641	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	468747	37.79	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	75.58%	
35) Dibromofluoromethane	6.93	113	544794	41.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	82.20%	
50) Toluene-d8	10.41	98	1123708	38.56	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	77.12%	
62) 4-Bromofluorobenzene	13.56	95	471858	35.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.44%	

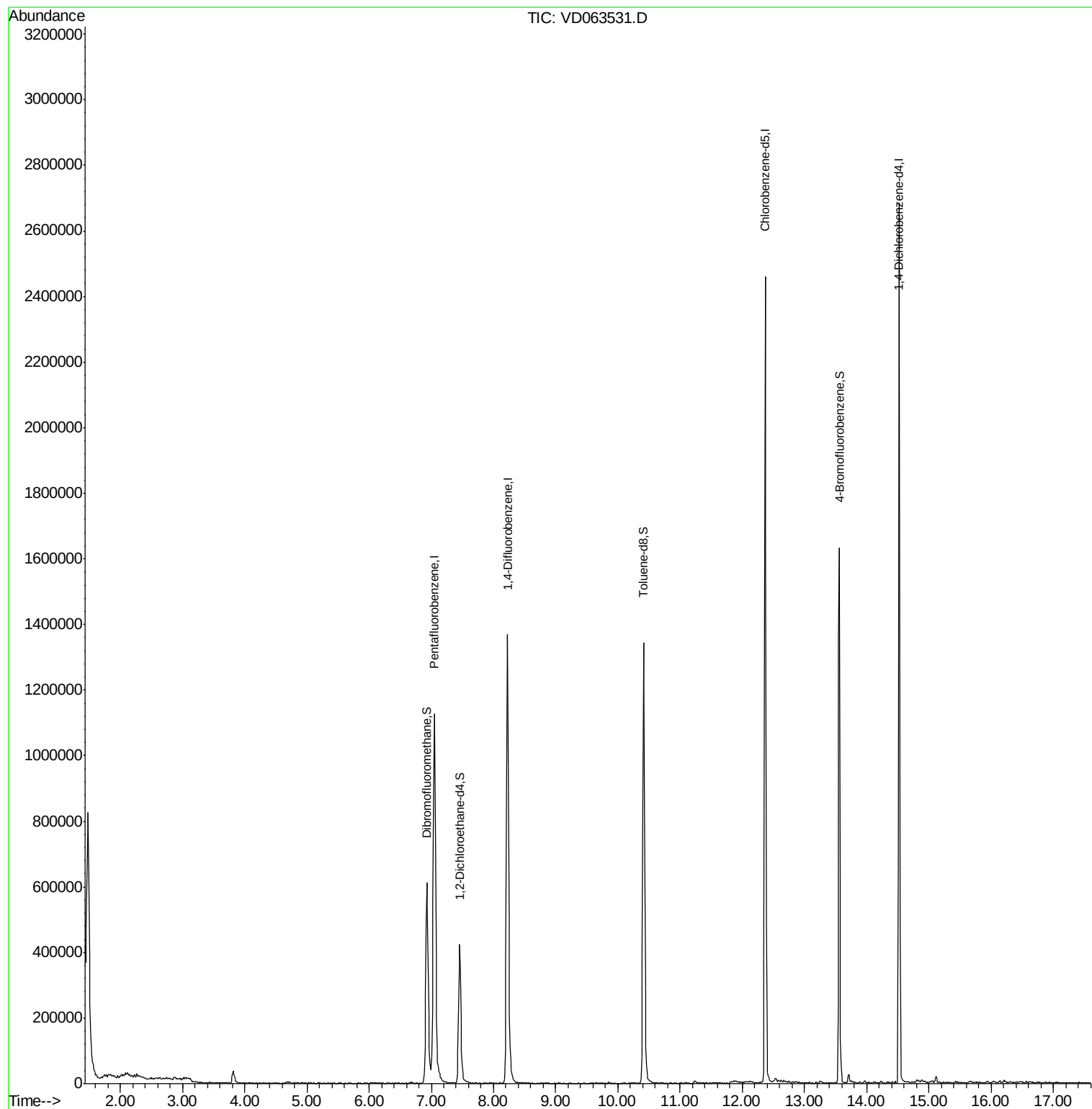
Target Compounds	Qvalue
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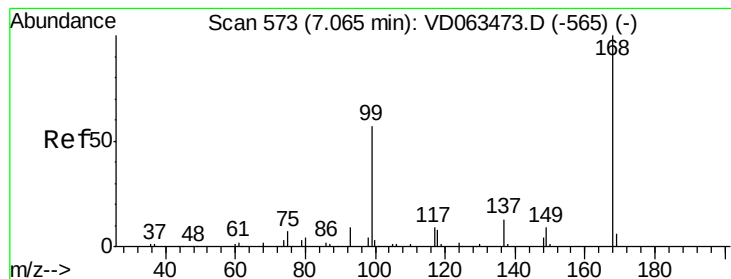
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063531.D

Acq: 13 Aug 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

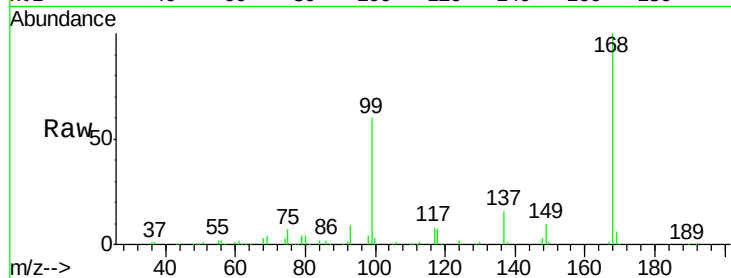
PX-05_080919

Tot Ion:168 Resp: 1160301

Ion Ratio Lower Upper

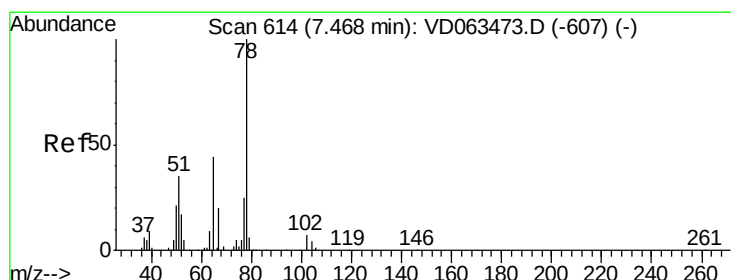
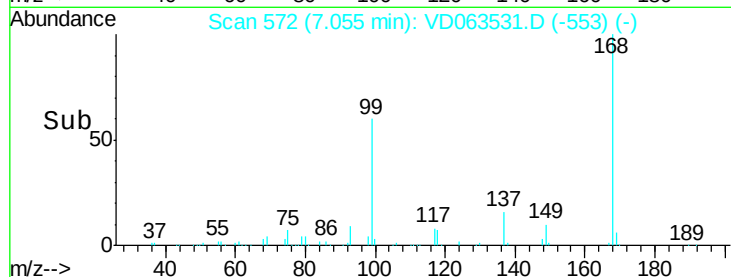
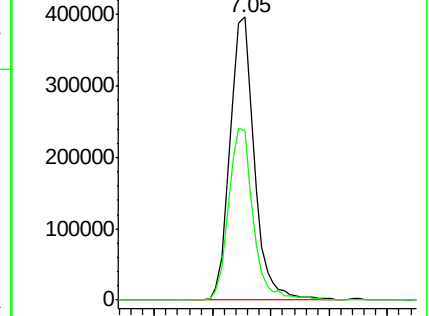
168 100

99 60.0 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: 37.794 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD063531.D

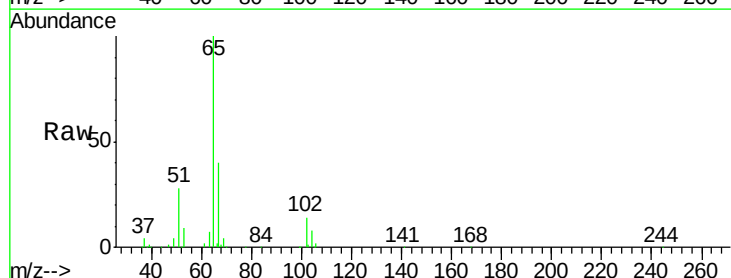
Acq: 13 Aug 2019 17:04

Tgt Ion: 65 Resp: 468747

Ion Ratio Lower Upper

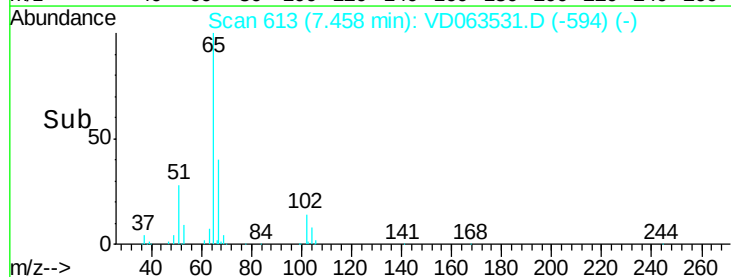
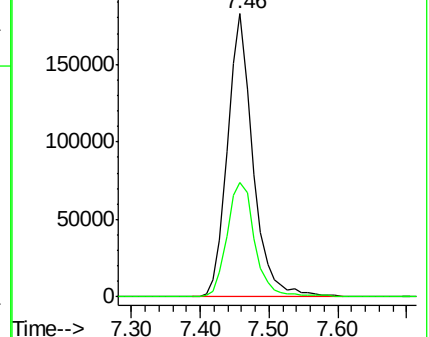
65 100

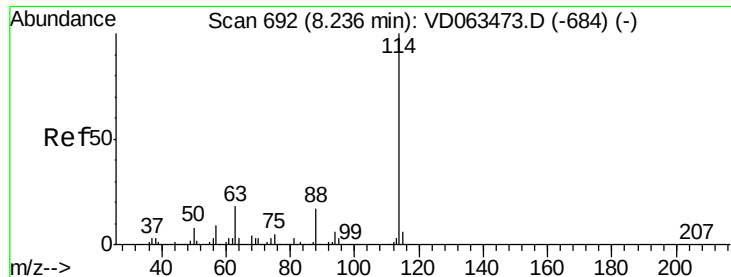
67 40.3 0.0 89.2



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: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063531.D

Acq: 13 Aug 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

PX-05_080919

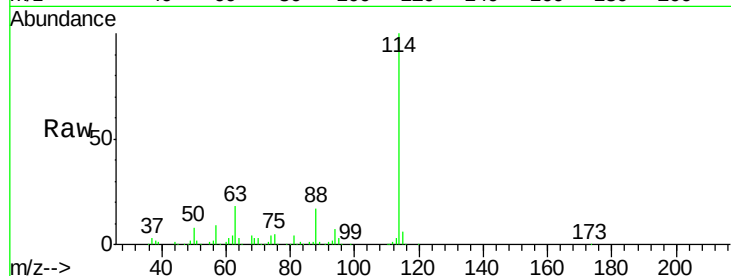
Tot Ion:114 Resp: 1573968

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.2

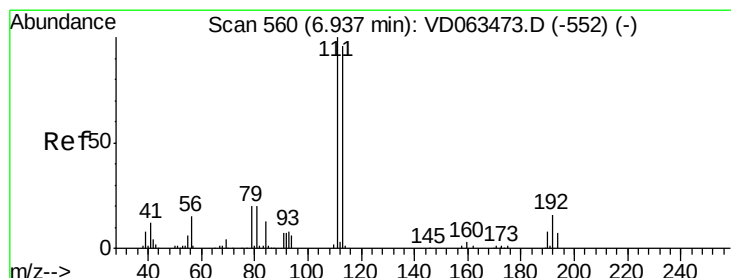
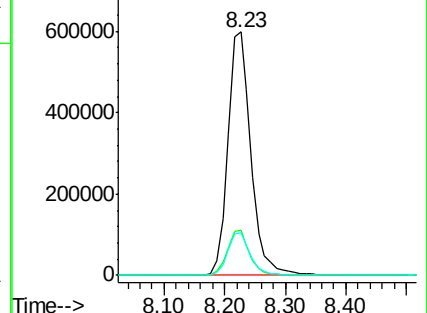
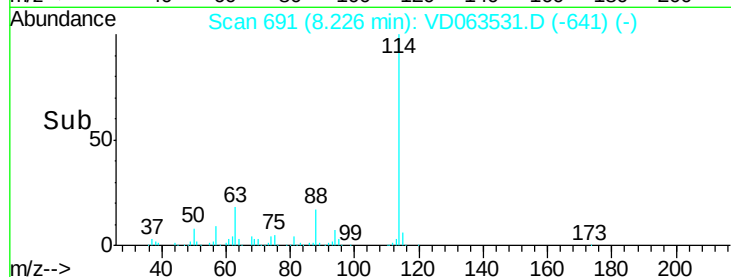
88 17.4 0.0 35.0



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: 41.098 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063531.D

Acq: 13 Aug 2019 17:04

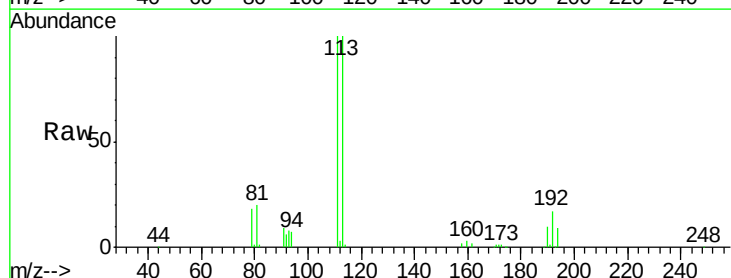
Tgt Ion:113 Resp: 544794

Ion Ratio Lower Upper

113 100

111 100.4 83.1 124.7

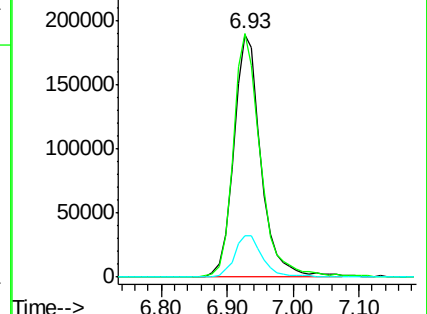
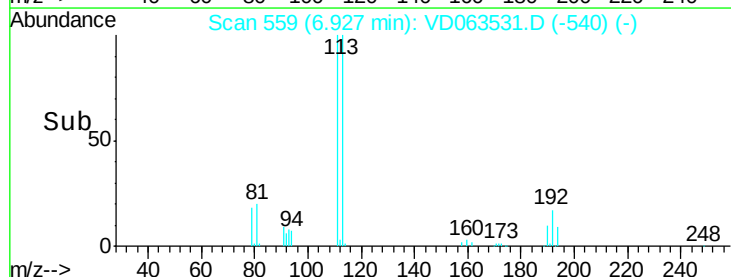
192 17.3 13.1 19.7

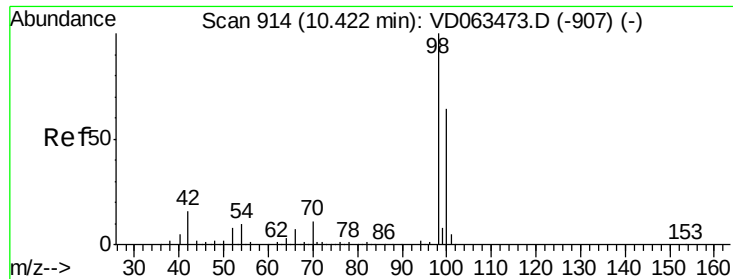


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

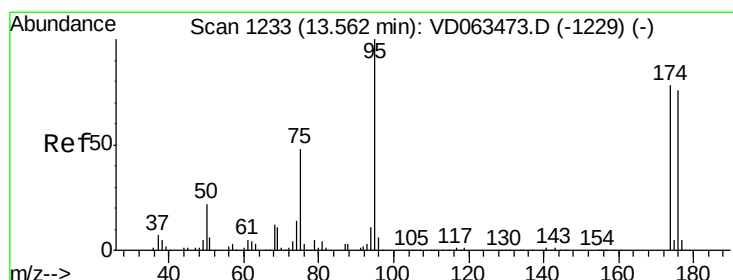
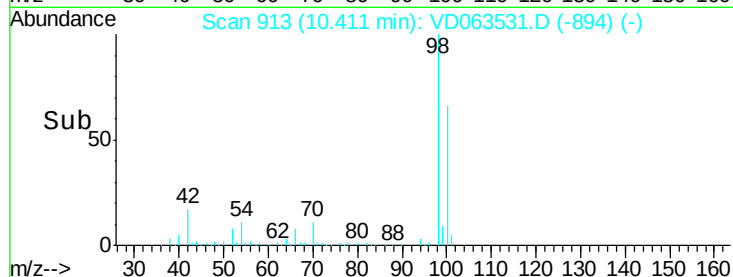
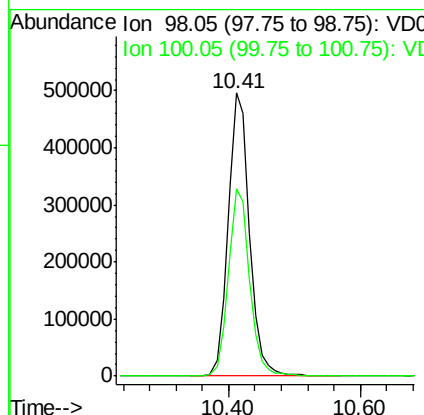
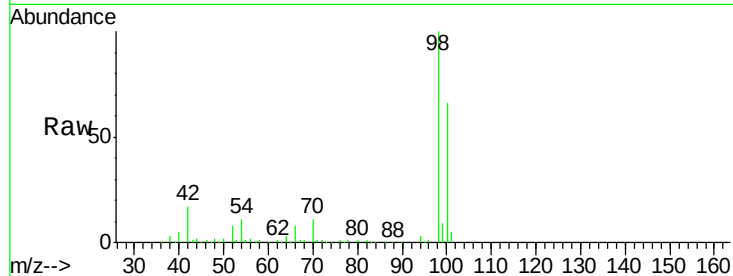




#50
Toluene-d8
Concen: 38.557 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

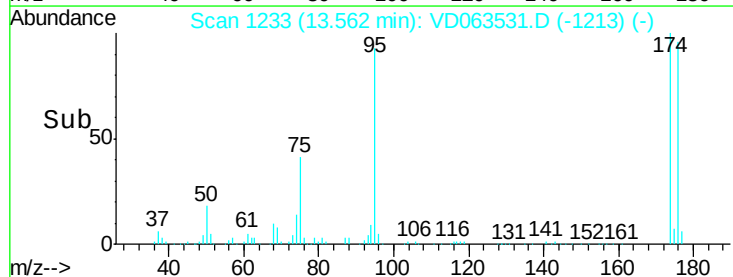
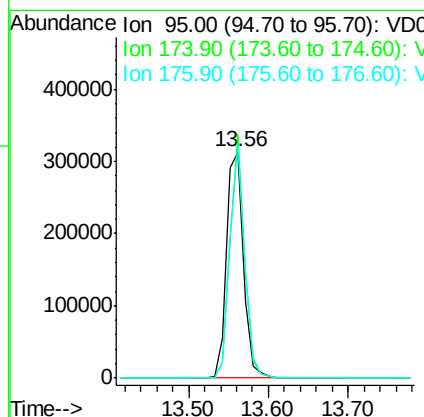
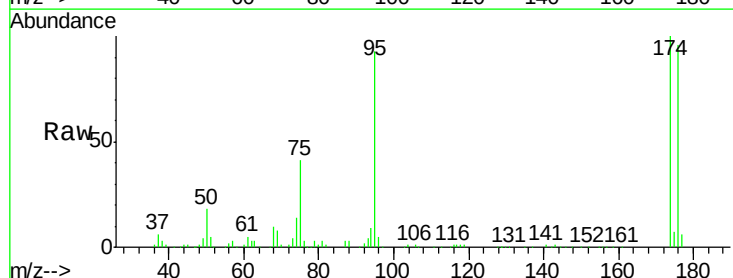
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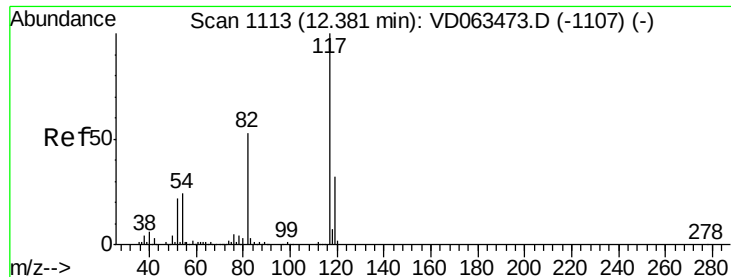
Tot Ion: 98 Resp: 1123708
Ion Ratio Lower Upper
98 100
100 66.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 35.722 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Tgt Ion: 95 Resp: 471858
Ion Ratio Lower Upper
95 100
174 107.7 0.0 155.4
176 103.3 0.0 152.4

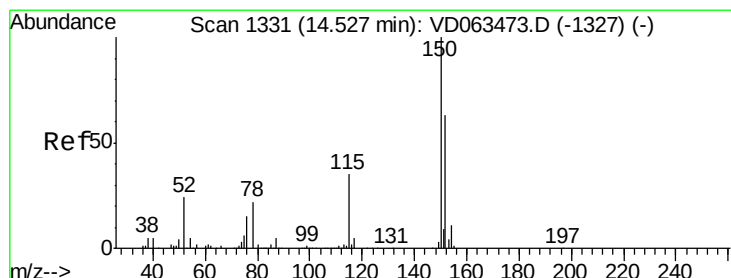
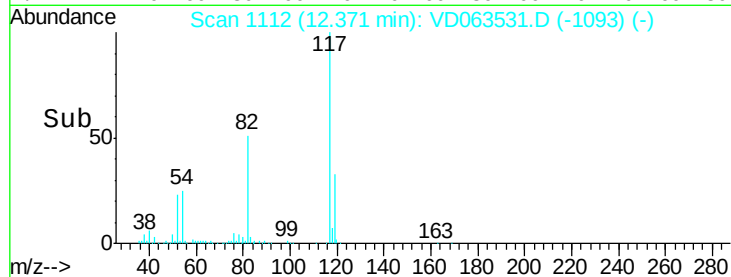
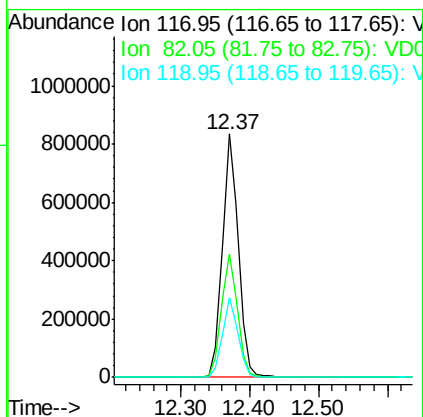
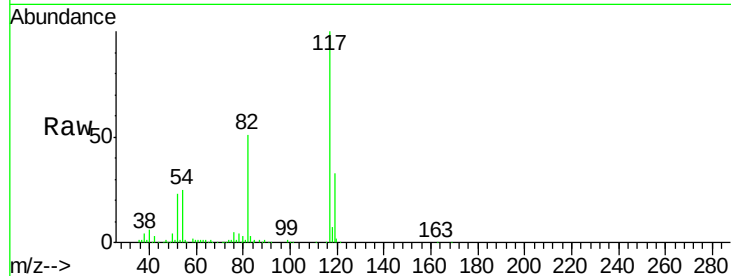




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Instrument :
MSVOA_D
ClientSampleId :
PX-05_080919

Tot Ion:117 Resp: 1342407
Ion Ratio Lower Upper
117 100
82 50.7 42.0 63.0
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Tgt Ion:152 Resp: 633641
Ion Ratio Lower Upper
152 100
115 51.6 30.9 92.7
150 154.3 0.0 318.6

