

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063463.D
 Acq On : 9 Aug 2019 4:19
 Operator : JC/SY
 Sample : K4237-03
 Misc : 5.19g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05(0-2)

Quant Time: Aug 09 08:21:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	983954	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1333796	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	903720	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	251379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	463469	42.45	ug/l	0.02
Spiked Amount			Recovery	=	84.90%	
35) Dibromofluoromethane	6.93	113	511530	44.92	ug/l	0.02
Spiked Amount			Recovery	=	89.84%	
50) Toluene-d8	10.42	98	927552	36.39	ug/l	0.01
Spiked Amount			Recovery	=	72.78%	
62) 4-Bromofluorobenzene	13.56	95	272348	23.45	ug/l	0.00
Spiked Amount			Recovery	=	46.90%	

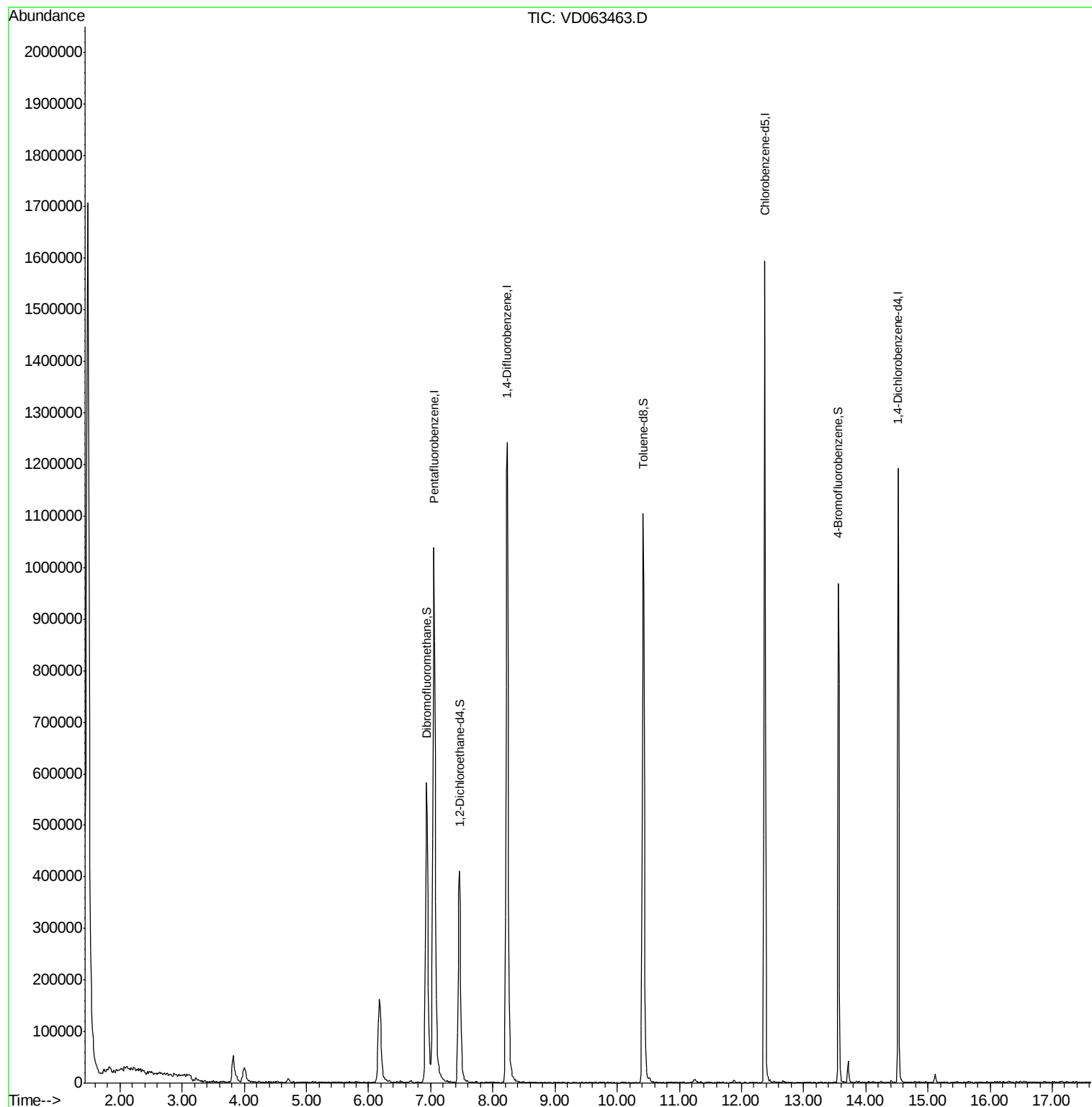
Target Compounds	Qvalue
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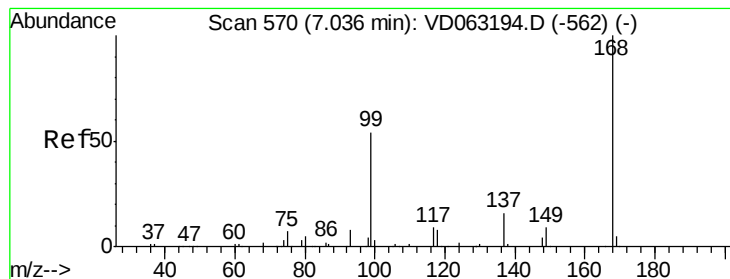
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063463.D

Acq: 9 Aug 2019 4:19

Instrument :

MSVOA_D

ClientSampleId :

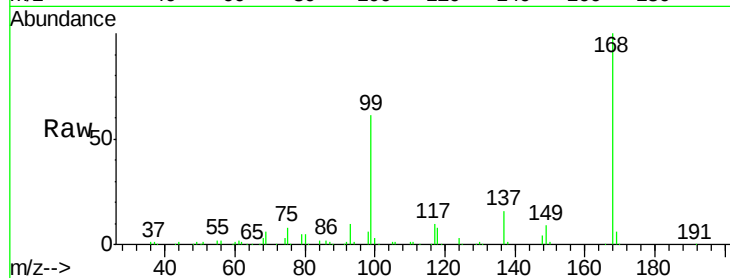
SB-05(0-2)

Tot Ion:168 Resp: 983954

Ion Ratio Lower Upper

168 100

99 61.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

300000

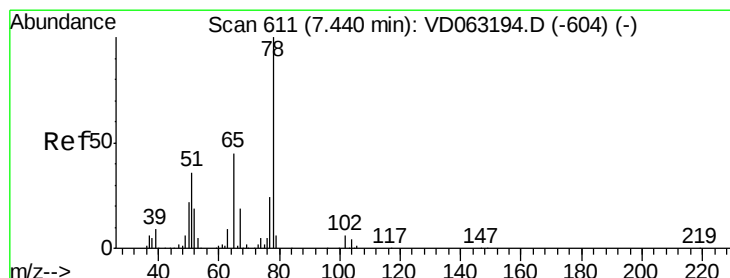
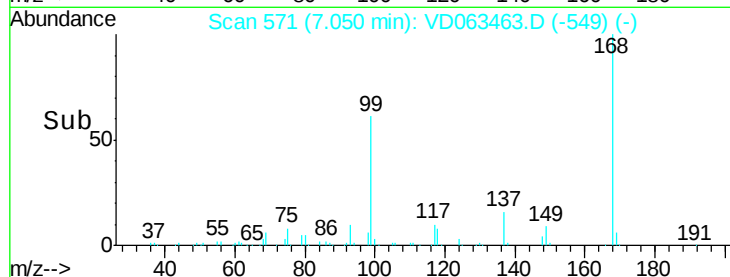
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.450 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063463.D

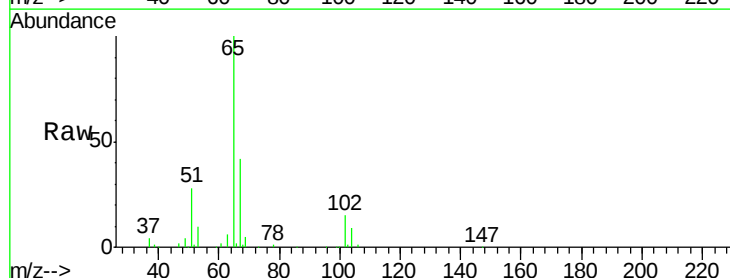
Acq: 9 Aug 2019 4:19

Tgt Ion: 65 Resp: 463469

Ion Ratio Lower Upper

65 100

67 42.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

150000

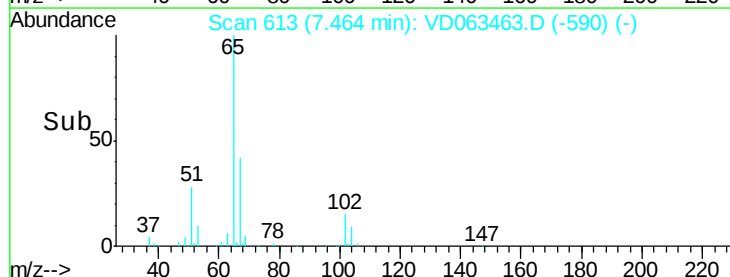
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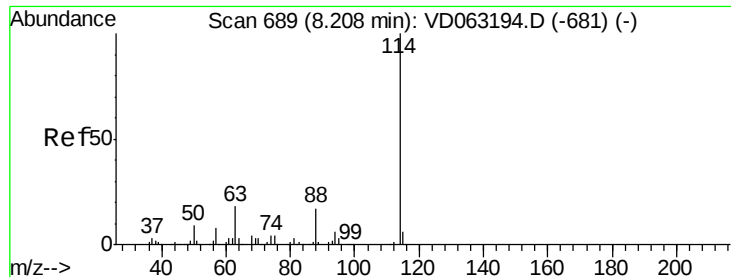
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063463.D

Acq: 9 Aug 2019 4:19

Instrument :

MSVOA_D

ClientSampleId :

SB-05(0-2)

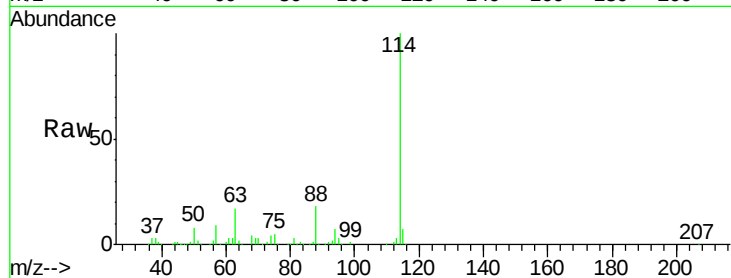
Tot Ion:114 Resp: 1333796

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

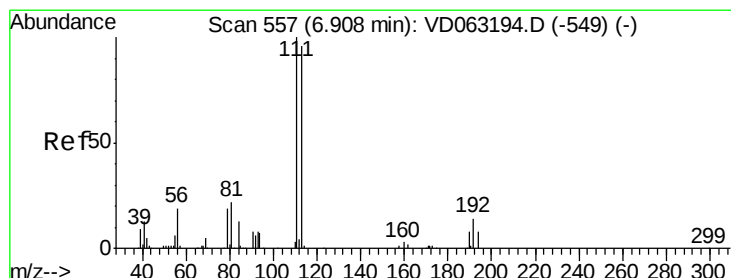
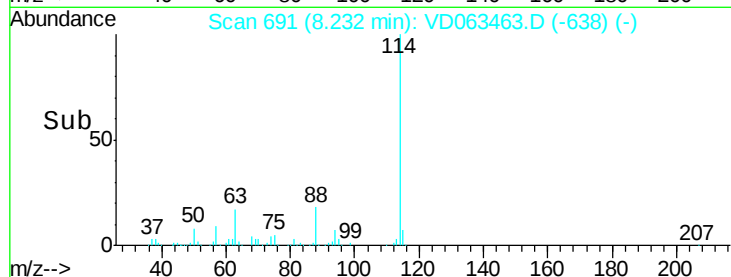
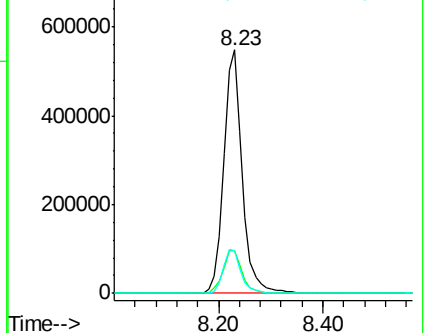
88 17.7 0.0 34.6



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: 44.919 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063463.D

Acq: 9 Aug 2019 4:19

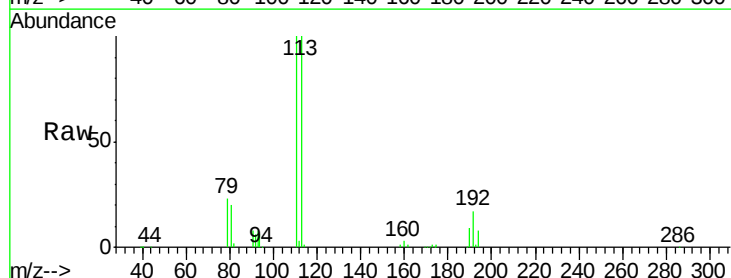
Tgt Ion:113 Resp: 511530

Ion Ratio Lower Upper

113 100

111 99.8 83.2 124.8

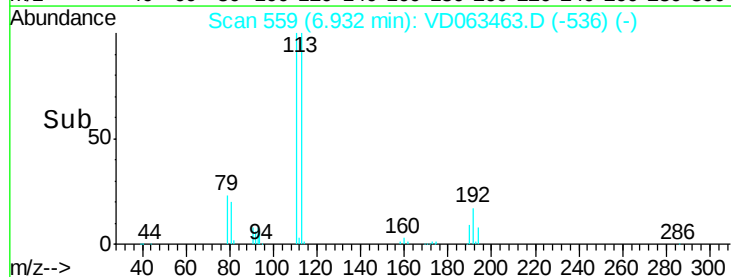
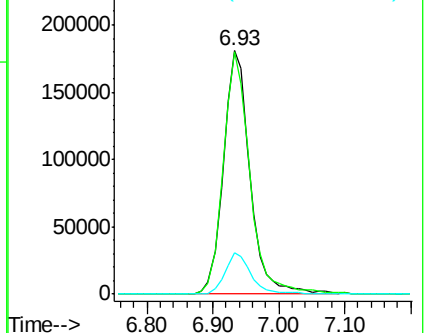
192 16.9 11.8 17.8

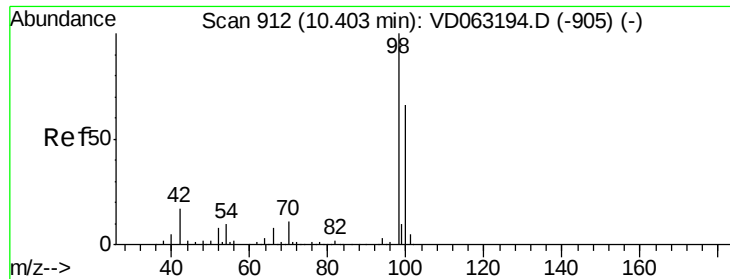


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

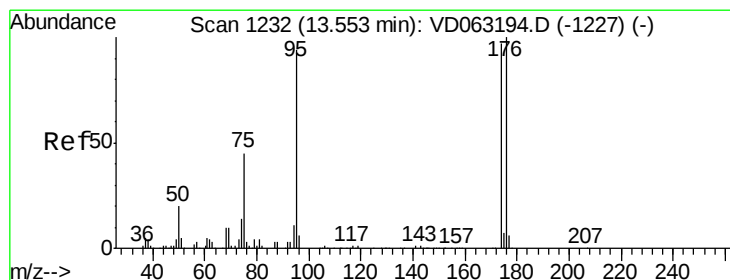
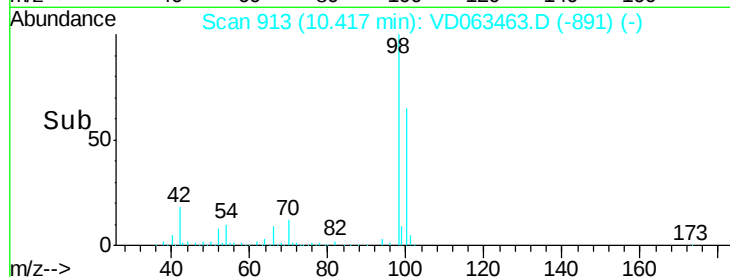
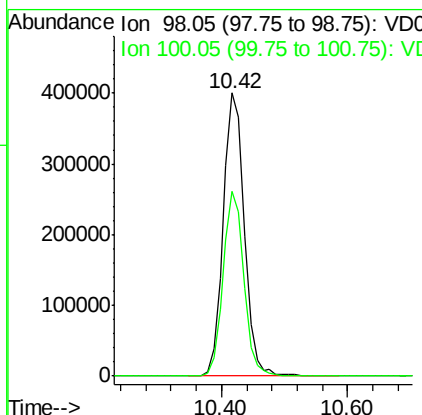
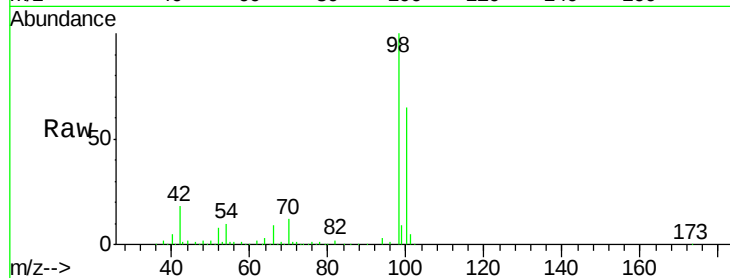




#50
Toluene-d8
Concen: 36.395 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063463.D
Acq: 9 Aug 2019 4:19

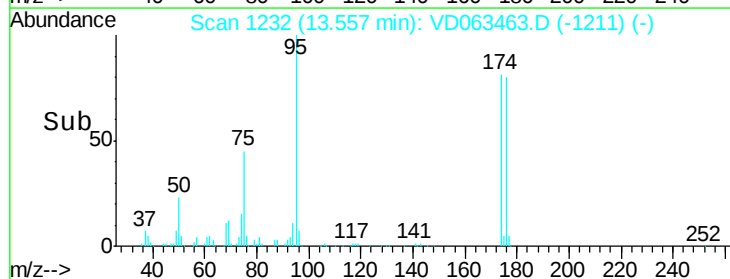
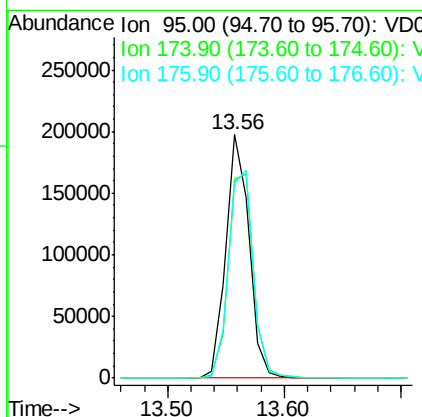
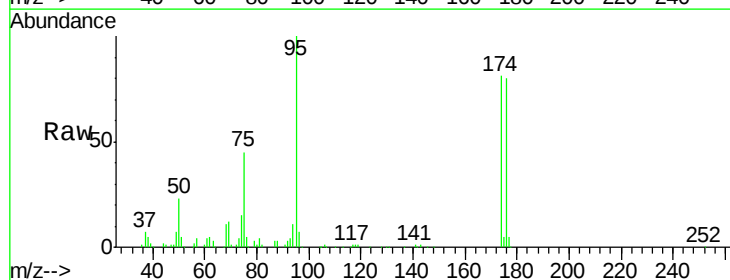
Instrument :
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SB-05(0-2)

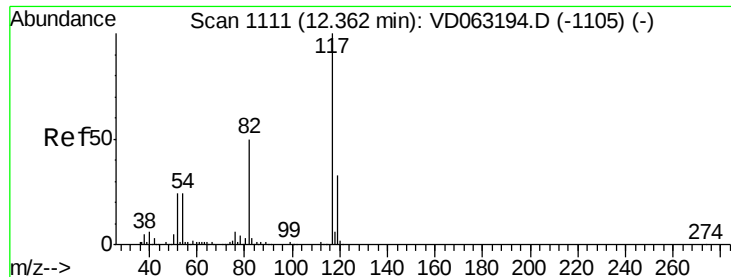
Tot Ion: 98 Resp: 927552
Ion Ratio Lower Upper
98 100
100 65.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 23.450 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063463.D
Acq: 9 Aug 2019 4:19

Tgt Ion: 95 Resp: 272348
Ion Ratio Lower Upper
95 100
174 81.4 0.0 205.4
176 79.8 0.0 211.8

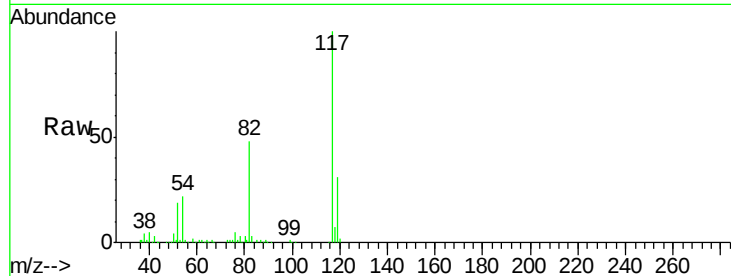




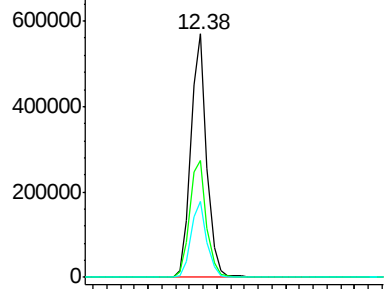
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063463.D
Acq: 9 Aug 2019 4:19

Instrument :
MSVOA_D
ClientSampleId :
SB-05(0-2)

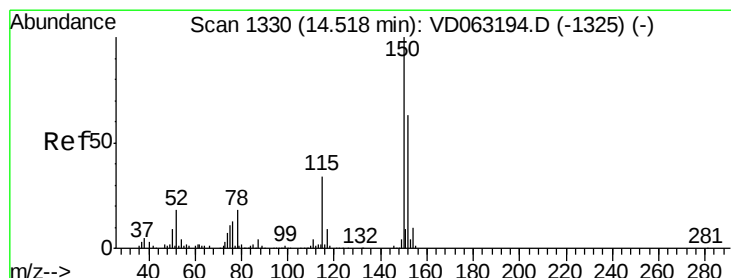
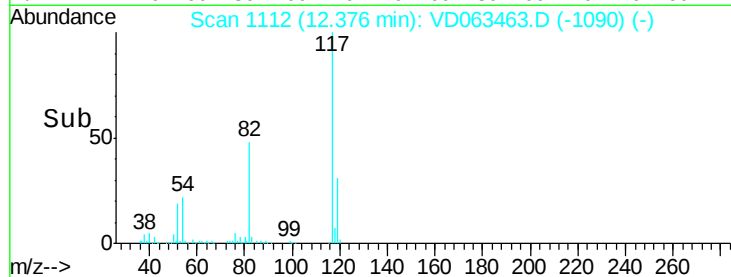
Tot Ion:117 Resp: 903720
Ion Ratio Lower Upper
117 100
82 47.8 40.1 60.1
119 31.1 26.5 39.7



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

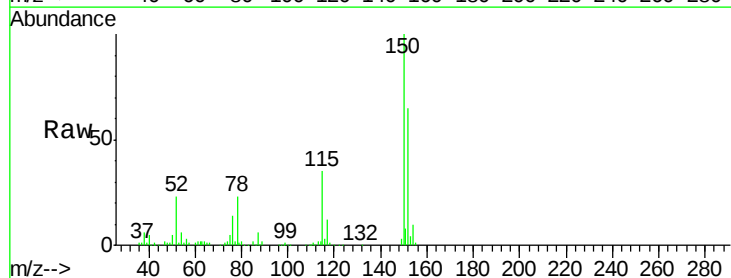


Time-->

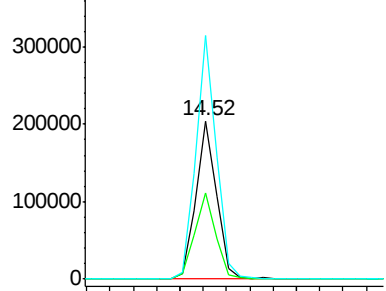


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063463.D
Acq: 9 Aug 2019 4:19

Tgt Ion:152 Resp: 251379
Ion Ratio Lower Upper
152 100
115 54.4 27.5 82.4
150 154.1 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



Time-->

