

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064519.D
 Acq On : 16 Dec 2019 12:04
 Operator : VA/SY
 Sample : VD1216SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBL01

Quant Time: Dec 17 03:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	446040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	682449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	660853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328685	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	195914	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.92	113	207108	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.34	98	821134	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.64	95	283269	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

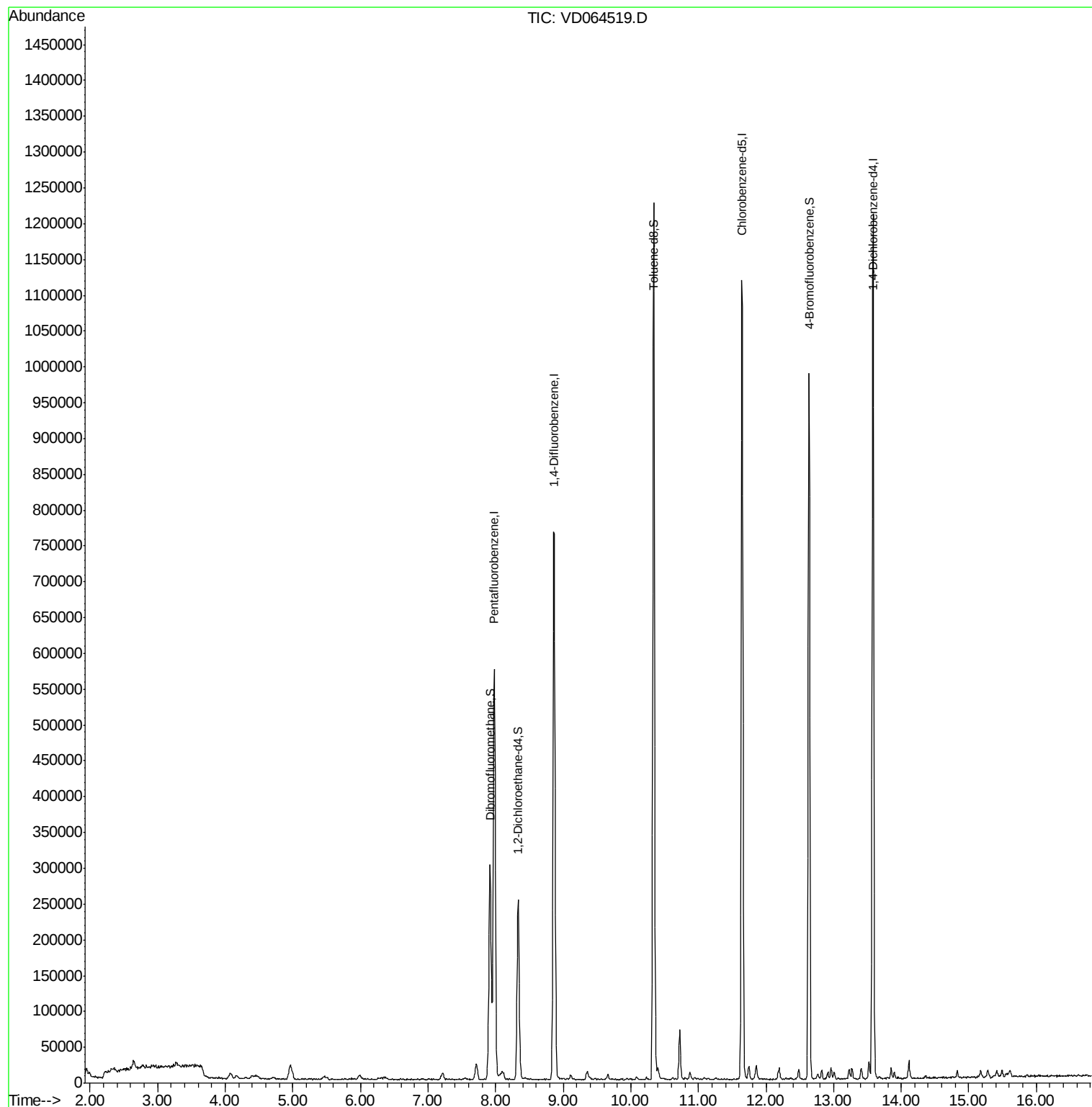
Target Compounds	Qvalue

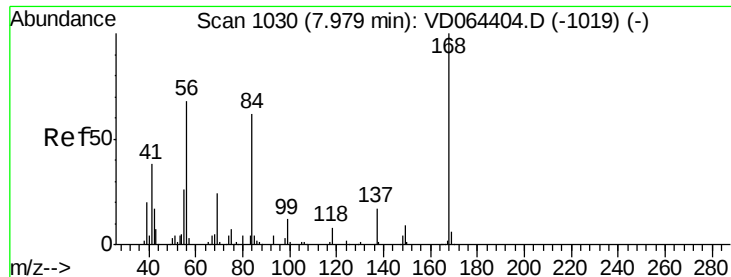
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064519.D

Acq: 16 Dec 2019 12:04

Instrument :

MSVOA_D

ClientSampleId :

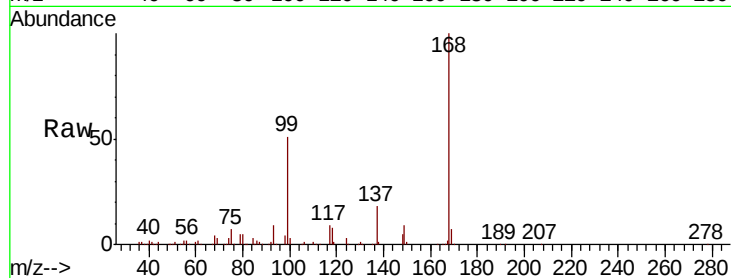
VD1216SBL01

Tot Ion:168 Resp: 446040

Ion Ratio Lower Upper

168 100

99 50.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

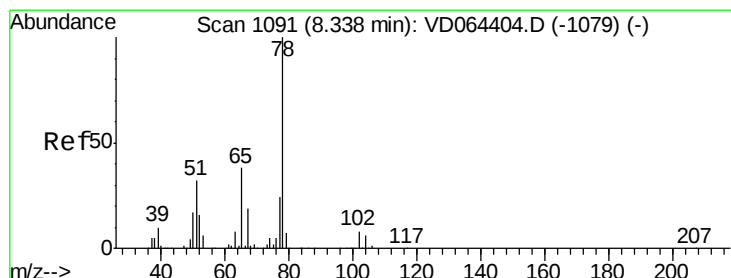
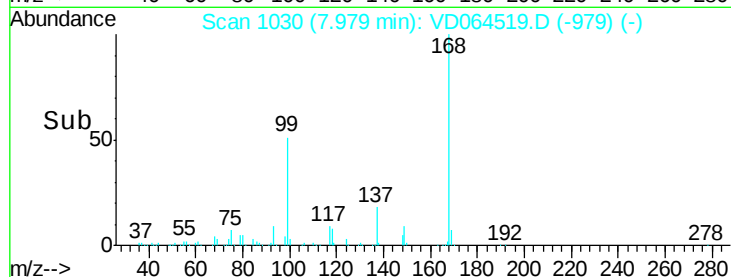
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.526 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064519.D

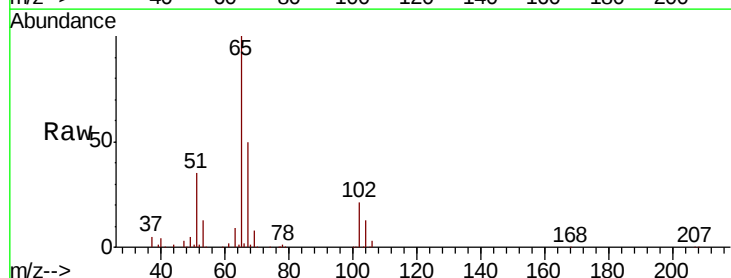
Acq: 16 Dec 2019 12:04

Tgt Ion: 65 Resp: 195914

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

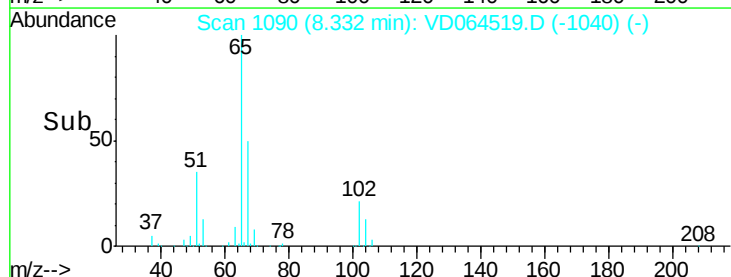
60000

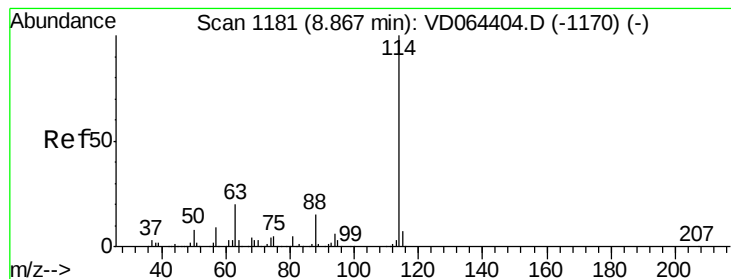
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064519.D

Acq: 16 Dec 2019 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBL01

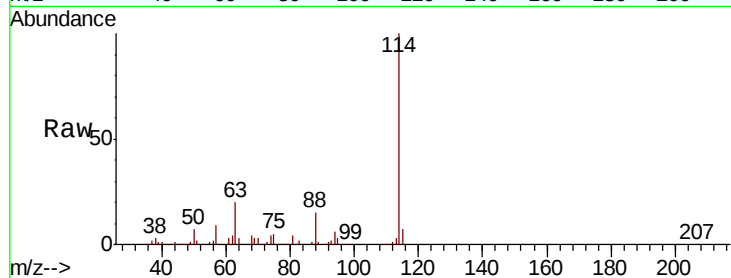
Tot Ion:114 Resp: 682449

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

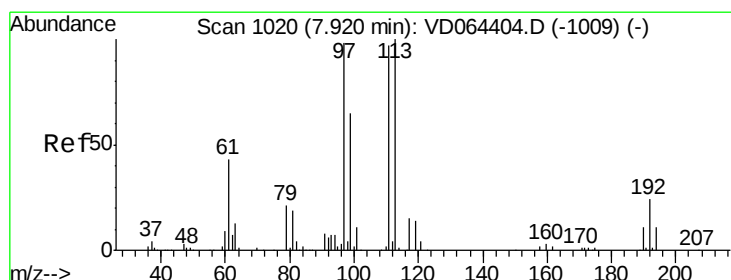
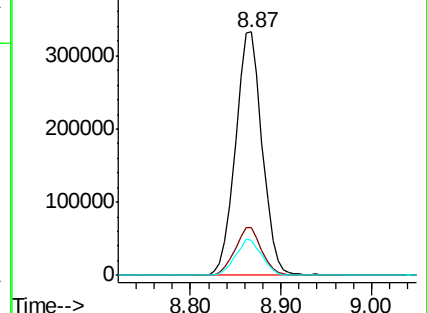
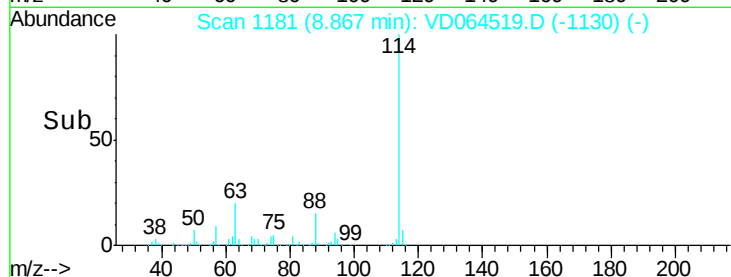
88 14.6 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 48.167 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064519.D

Acq: 16 Dec 2019 12:04

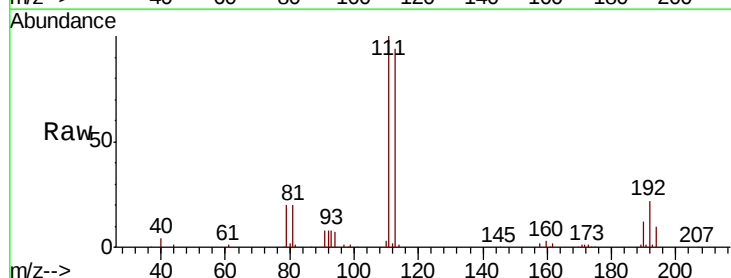
Tgt Ion:113 Resp: 207108

Ion Ratio Lower Upper

113 100

111 103.6 79.4 119.2

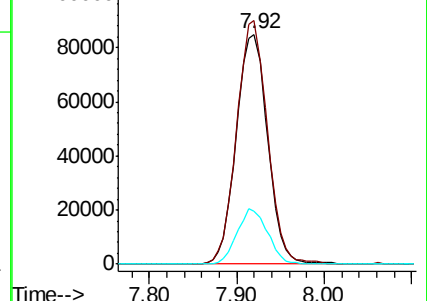
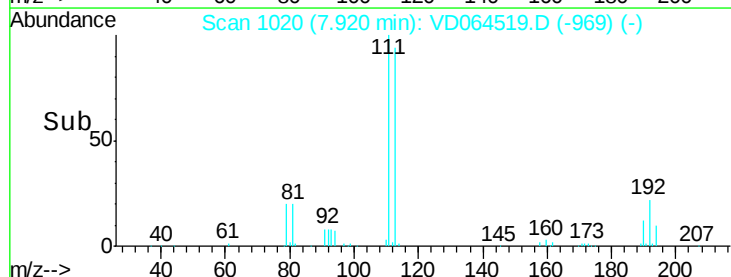
192 23.4 18.6 28.0

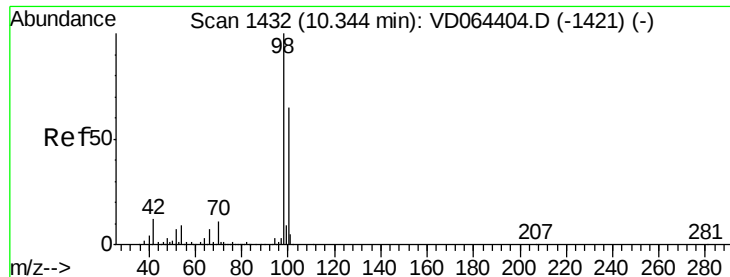


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.697 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064519.D

Acq: 16 Dec 2019 12:04

Instrument :

MSVOA_D

ClientSampleId :

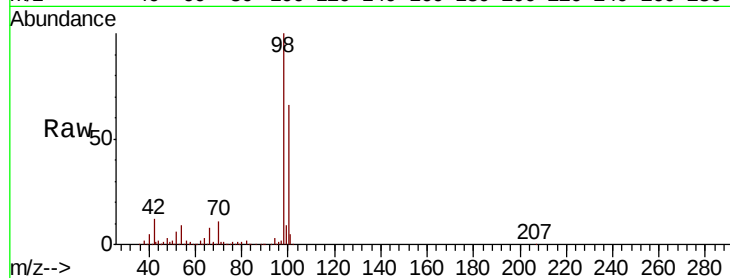
VD1216SBL01

Tot Ion: 98 Resp: 821134

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

400000

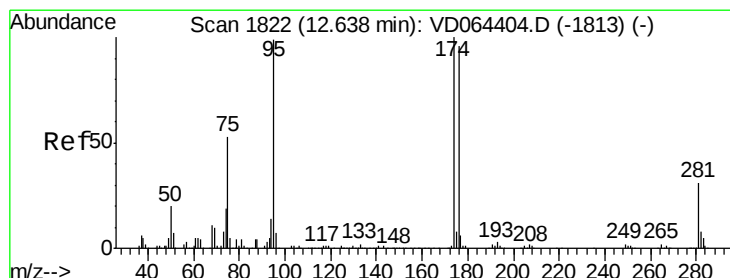
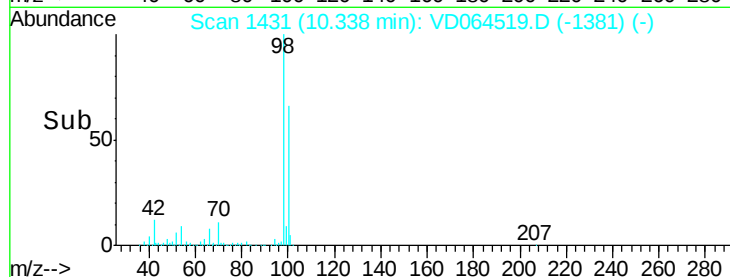
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.420 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064519.D

Acq: 16 Dec 2019 12:04

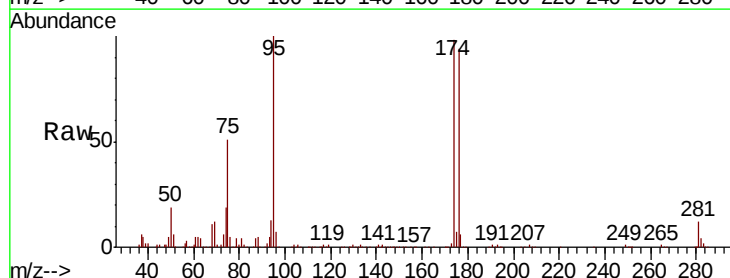
Tgt Ion: 95 Resp: 283269

Ion Ratio Lower Upper

95 100

174 97.5 0.0 197.2

176 93.3 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

200000

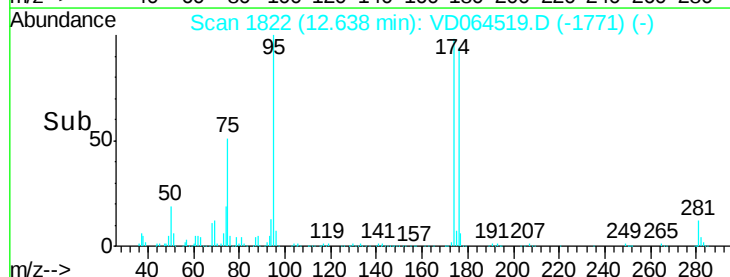
150000

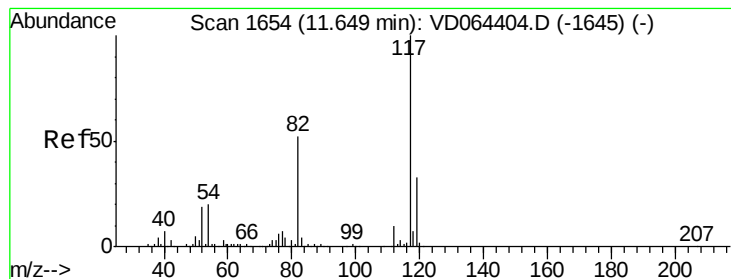
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VD064519.D

Acq: 16 Dec 2019 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBL01

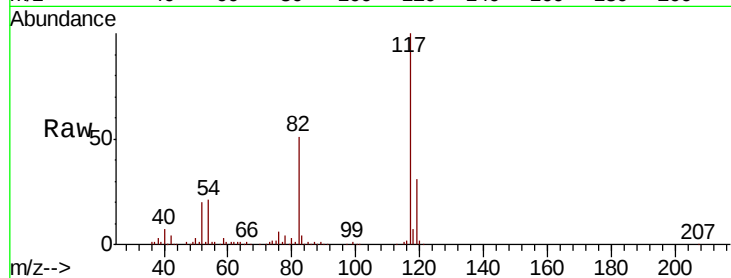
Tot Ion:117 Resp: 660853

Ion Ratio Lower Upper

117 100

82 50.9 41.4 62.2

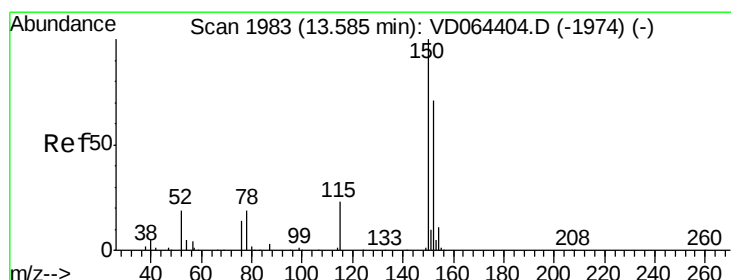
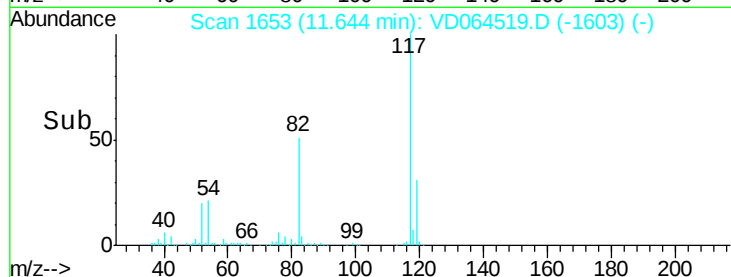
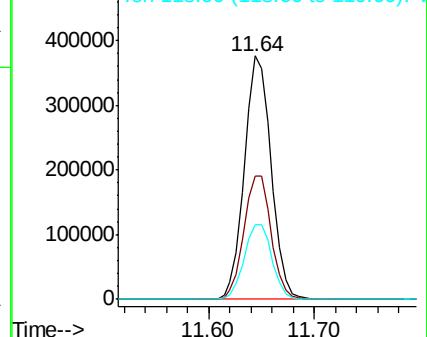
119 30.8 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064519.D

Acq: 16 Dec 2019 12:04

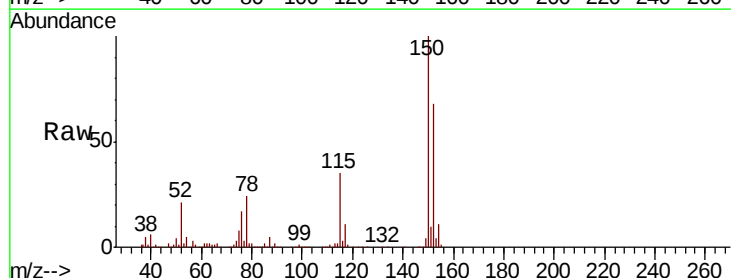
Tgt Ion:152 Resp: 328685

Ion Ratio Lower Upper

152 100

115 55.3 26.7 80.1

150 155.5 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

