

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064027.D
 Acq On : 23 Oct 2019 18:12
 Operator : VA/SY
 Sample : K5497-14
 Misc : 4.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 167-00-(1)

Quant Time: Oct 24 06:52:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	136232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	274352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	289791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126854	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	84391	63.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.26%	
35) Dibromofluoromethane	7.92	113	84308	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.34	98	381652	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
62) 4-Bromofluorobenzene	12.63	95	110817	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	

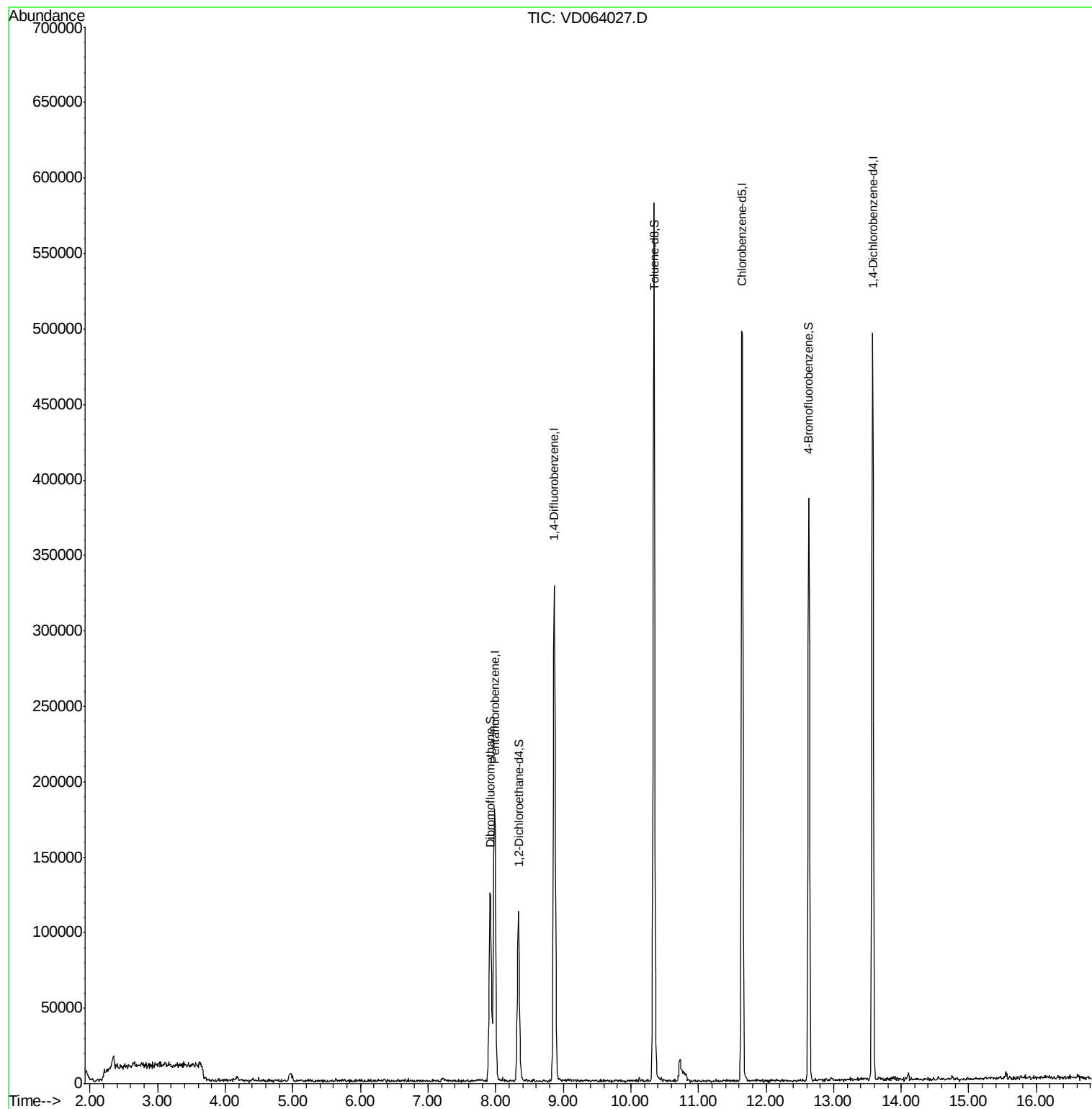
Target Compounds	Qvalue
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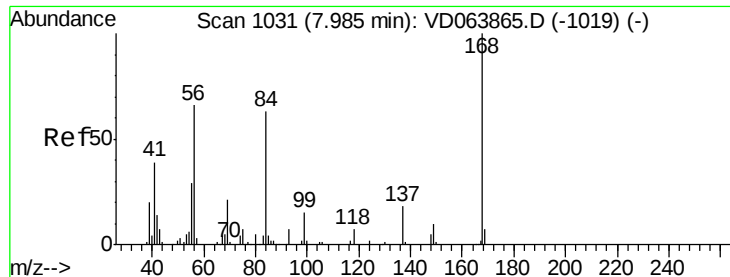
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064027.D

Acq: 23 Oct 2019 18:12

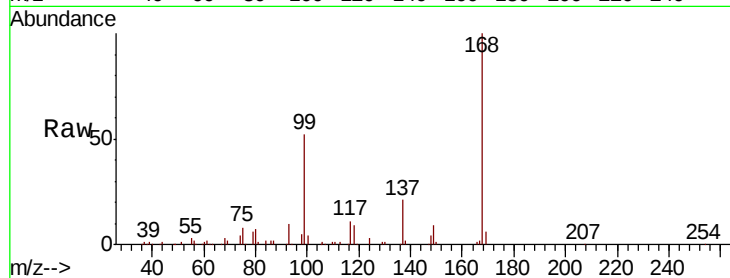
Instrument :
MSVOA_D
ClientSampleId :
167-00-(1)

Tot Ion:168 Resp: 136232

Ion Ratio Lower Upper

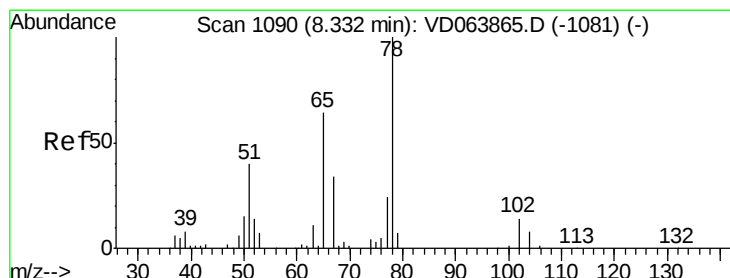
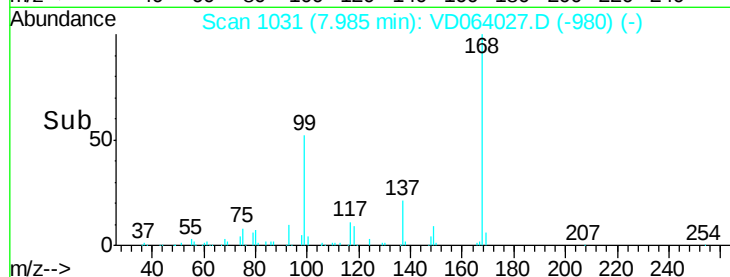
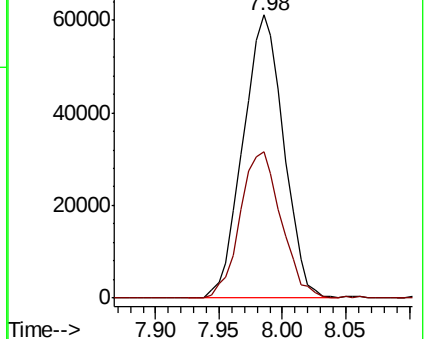
168 100

99 51.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 63.628 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064027.D

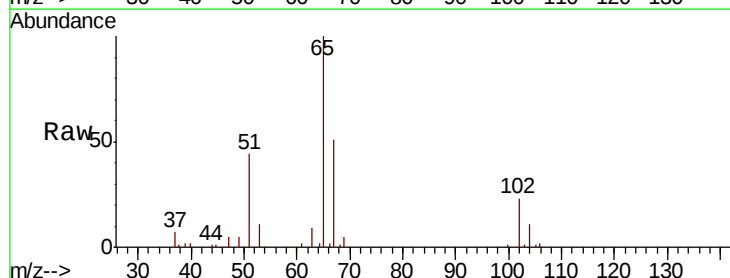
Acq: 23 Oct 2019 18:12

Tgt Ion: 65 Resp: 84391

Ion Ratio Lower Upper

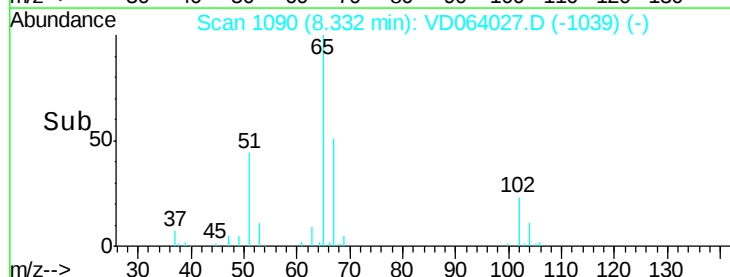
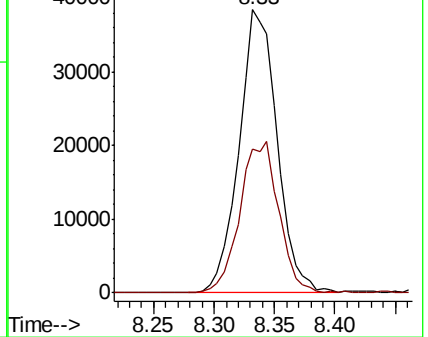
65 100

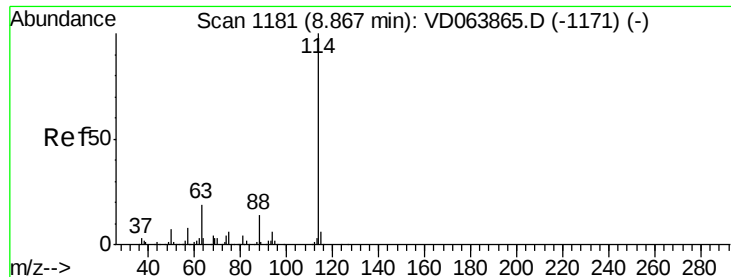
67 54.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

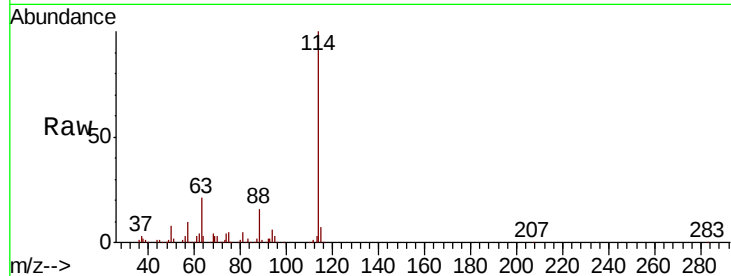




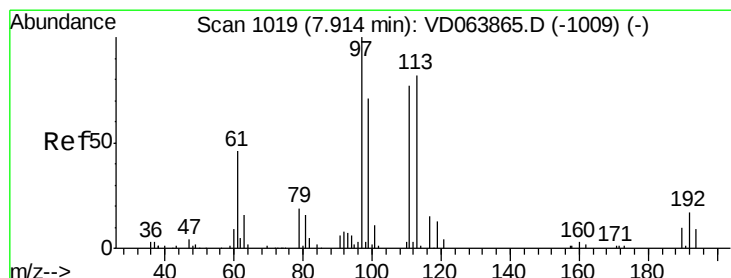
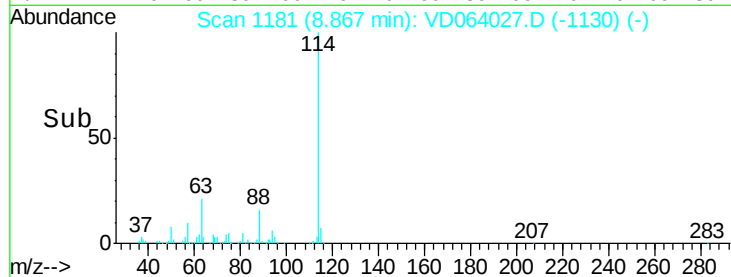
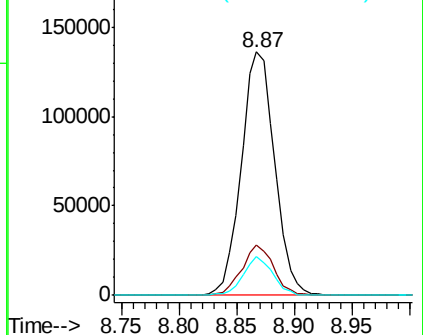
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064027.D
Acq: 23 Oct 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
167-00-(1)

Tot Ion:114 Resp: 274352
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.4
88 16.0 0.0 27.4

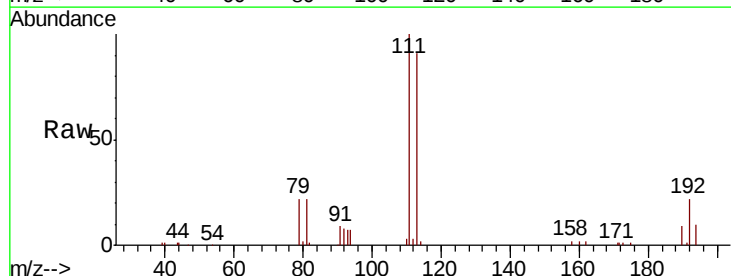


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

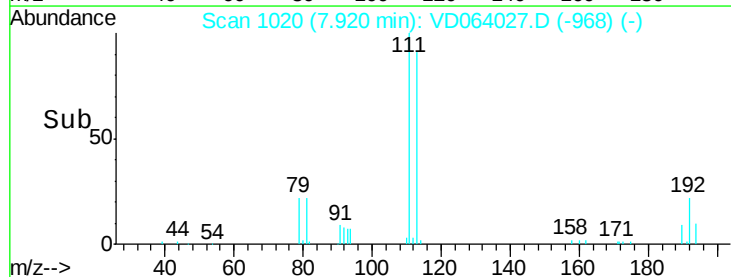
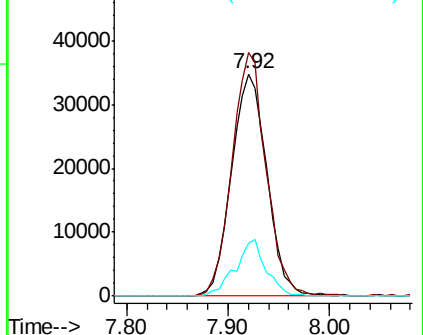


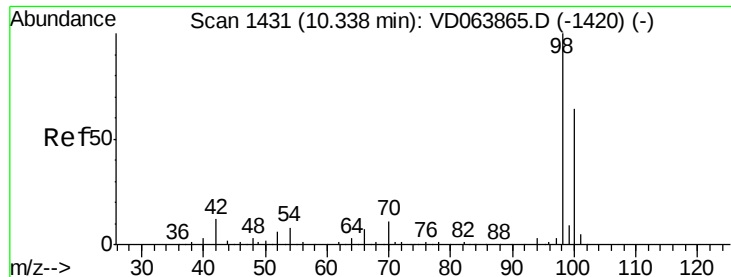
#35
Dibromofluoromethane
Concen: 50.284 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD064027.D
Acq: 23 Oct 2019 18:12

Tgt Ion:113 Resp: 84308
Ion Ratio Lower Upper
113 100
111 105.3 82.6 123.8
192 22.1 17.1 25.7



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: 56.082 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064027.D

Acq: 23 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

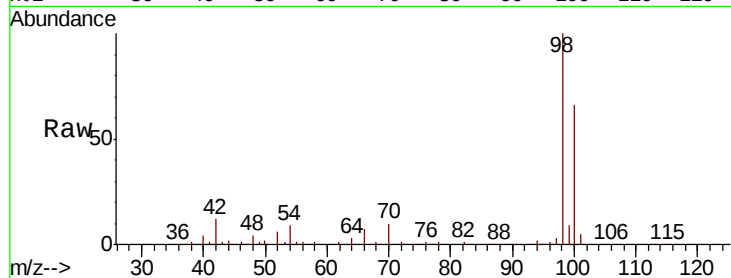
167-00-(1)

Tot Ion: 98 Resp: 381652

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

250000

200000

150000

100000

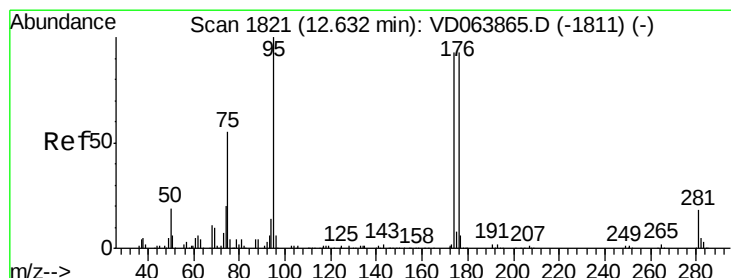
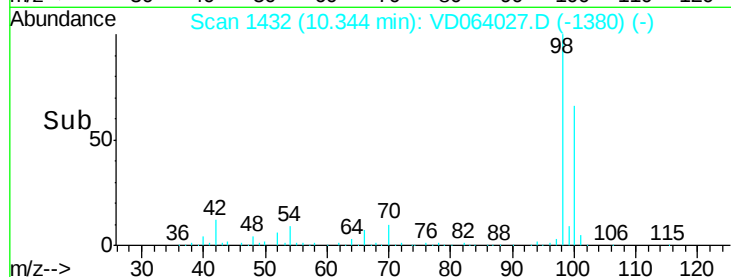
50000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 46.861 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD064027.D

Acq: 23 Oct 2019 18:12

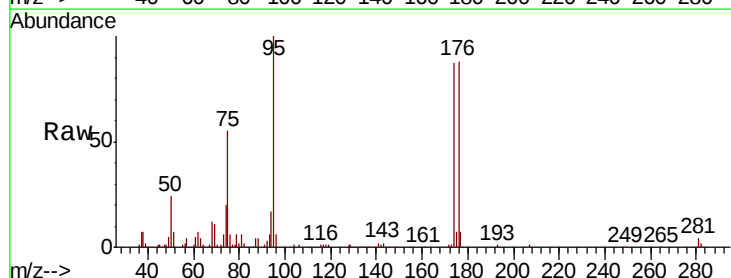
Tgt Ion: 95 Resp: 110817

Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.4

176 89.9 0.0 184.2



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

80000

60000

40000

20000

0

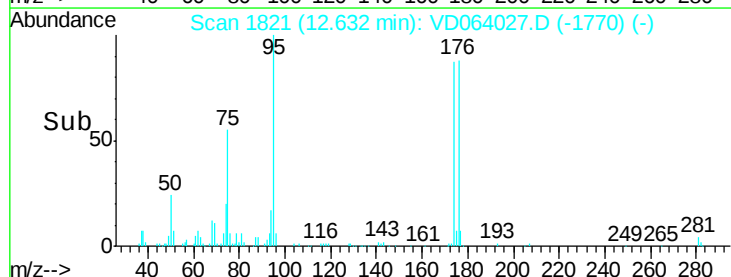
12.55

12.60

12.65

12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD064027.D

Acq: 23 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

167-00-(1)

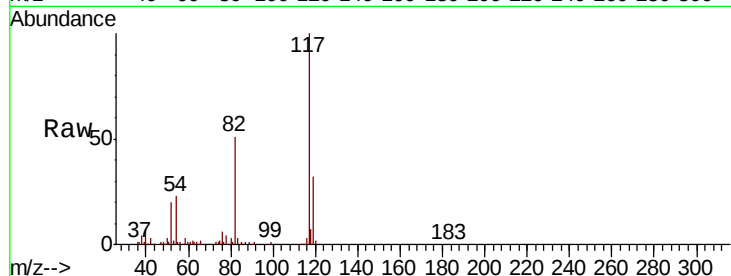
Tot Ion:117 Resp: 289791

Ion Ratio Lower Upper

117 100

82 51.0 42.8 64.2

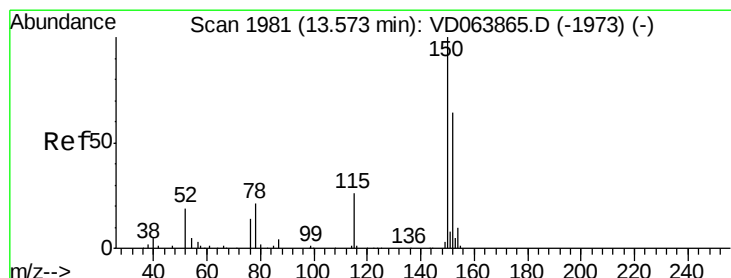
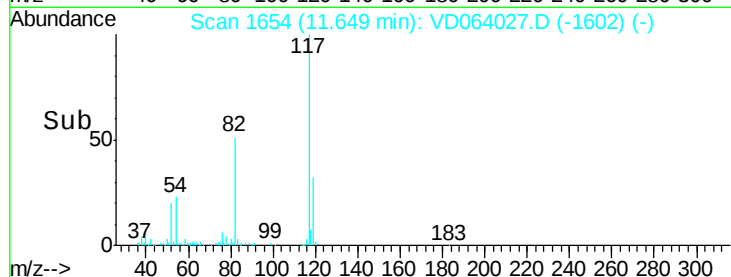
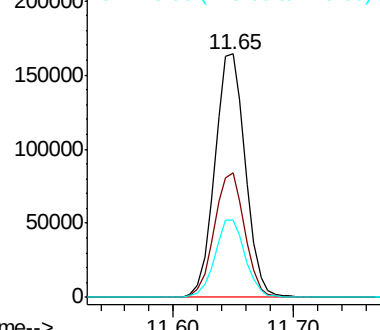
119 31.5 24.4 36.6



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# 1982

Delta R.T. 0.01 min

Lab File: VD064027.D

Acq: 23 Oct 2019 18:12

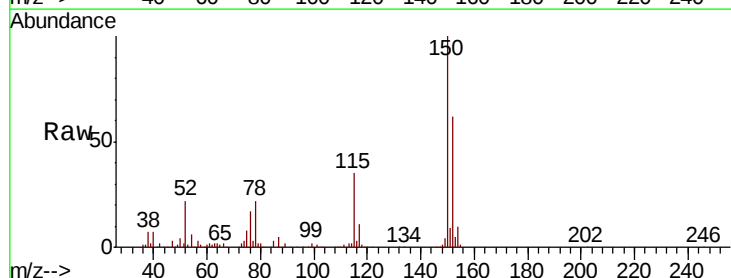
Tgt Ion:152 Resp: 126854

Ion Ratio Lower Upper

152 100

115 53.8 25.9 77.7

150 159.3 0.0 344.2



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

