

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101619\
 Data File : VD063988.D
 Acq On : 16 Oct 2019 15:35
 Operator : VA/SY
 Sample : K5152-06RE
 Misc : 7.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-101519RE

Quant Time: Oct 16 18:13:40 2019
 Quant Method : Z:\V0ASRV\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	118580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	233569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	245416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	119140	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	83080	71.96	ug/l	0.00
Spiked Amount			Recovery	=	143.92%	
35) Dibromofluoromethane	7.92	113	74725	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
50) Toluene-d8	10.34	98	313948	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.64	95	99856	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

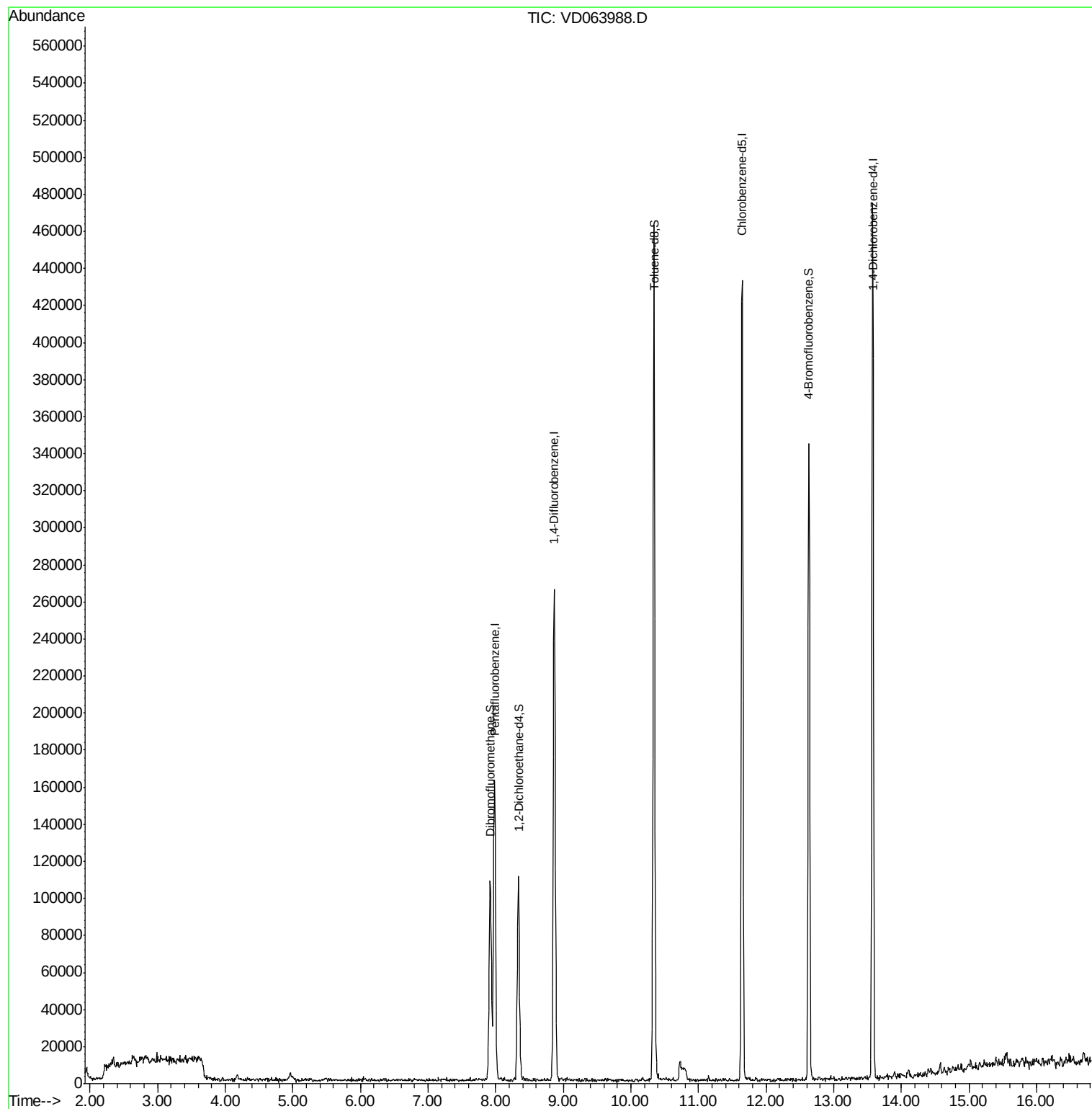
Target Compounds	Qvalue
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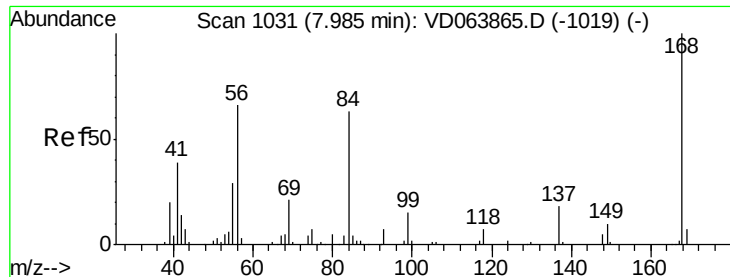
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063988.D

Acq: 16 Oct 2019 15:35

Instrument :

MSVOA_D

ClientSampleId :

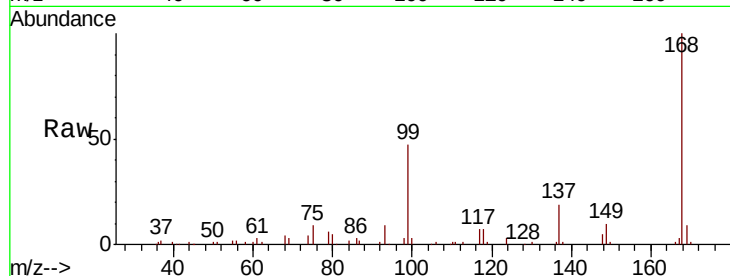
SU-01-101519RE

Tot Ion:168 Resp: 118580

Ion Ratio Lower Upper

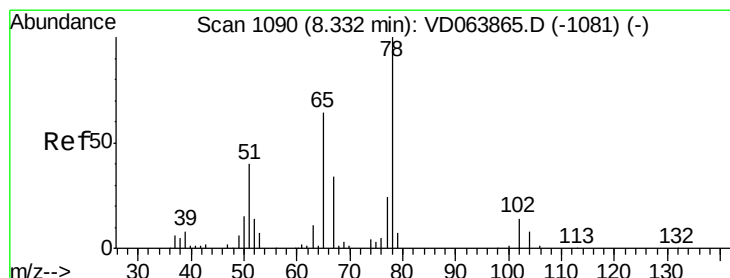
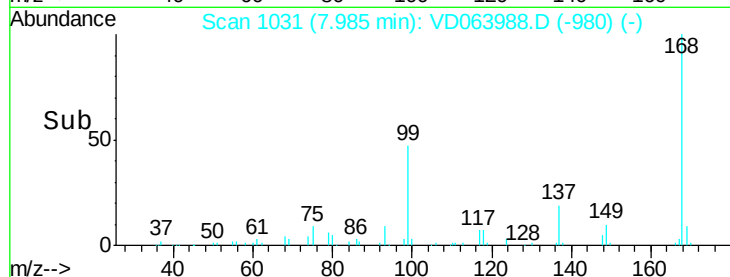
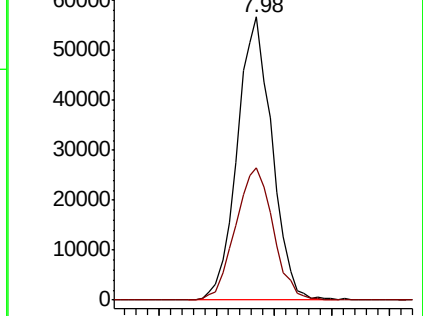
168 100

99 46.8 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: 71.964 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063988.D

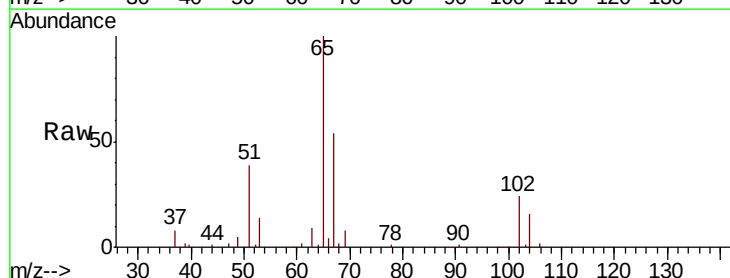
Acq: 16 Oct 2019 15:35

Tgt Ion: 65 Resp: 83080

Ion Ratio Lower Upper

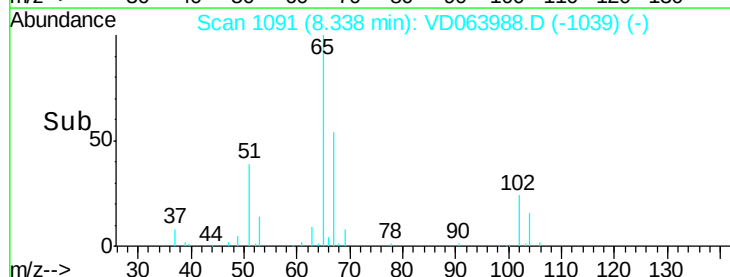
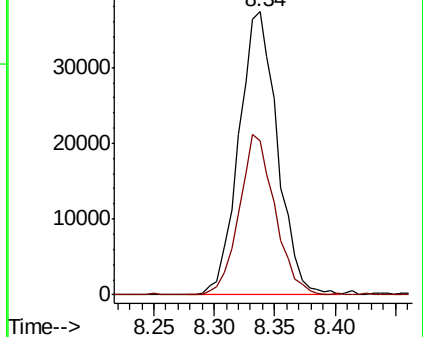
65 100

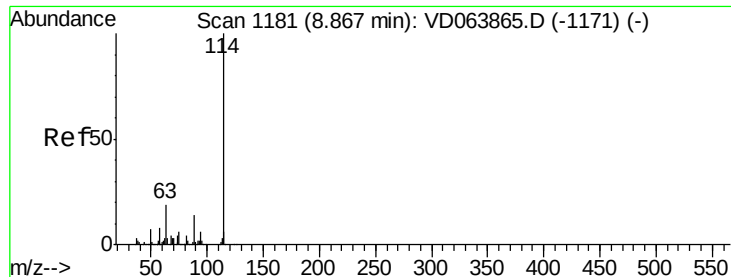
67 52.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

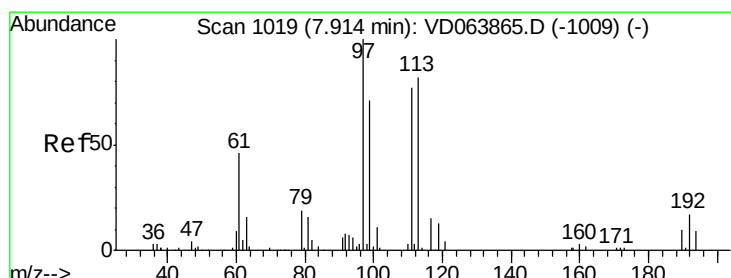
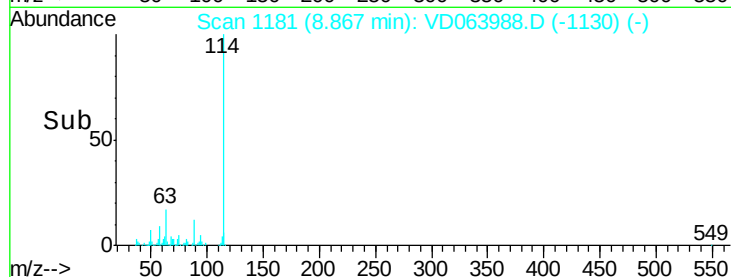
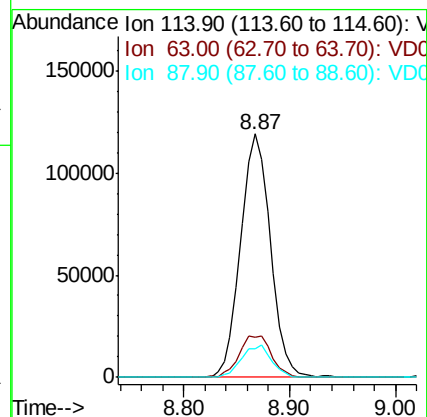
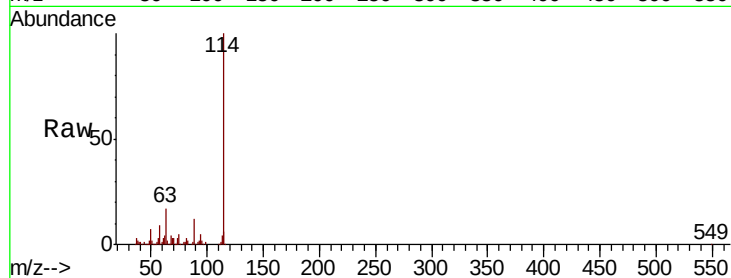




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063988.D
 Acq: 16 Oct 2019 15:35

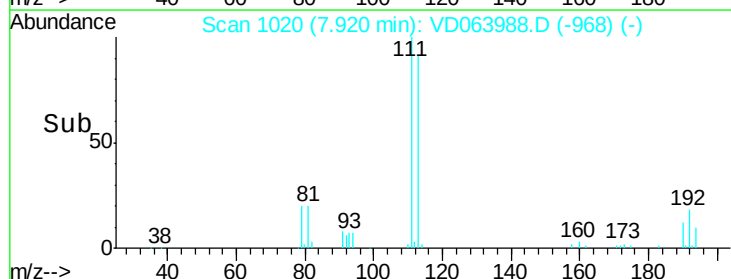
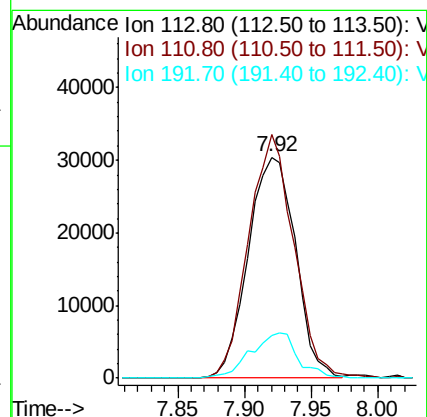
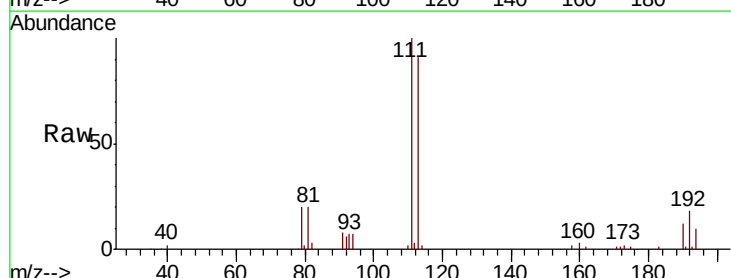
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-101519RE

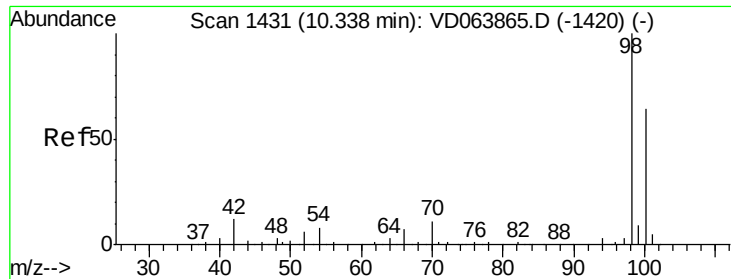
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	38.4
88	11.9	0.0	27.4



#35
 Dibromofluoromethane
 Concen: 52.350 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063988.D
 Acq: 16 Oct 2019 15:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.7	82.6	123.8
192	20.3	17.1	25.7





#50

Toluene-d8

Concen: 54.188 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063988.D

Acq: 16 Oct 2019 15:35

Instrument :

MSVOA_D

ClientSampleId :

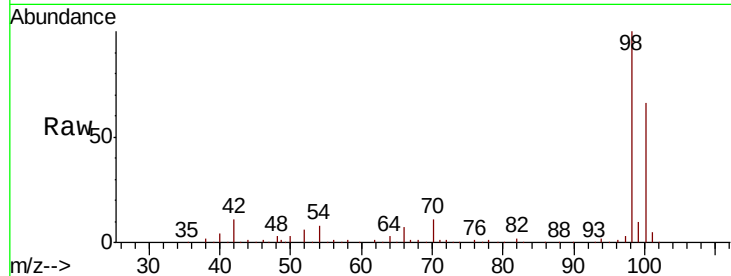
SU-01-101519RE

Tot Ion: 98 Resp: 313948

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VD

10.34

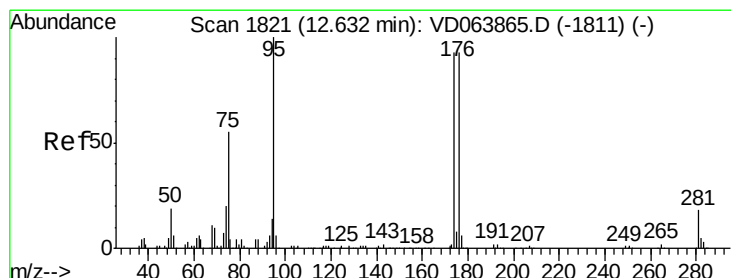
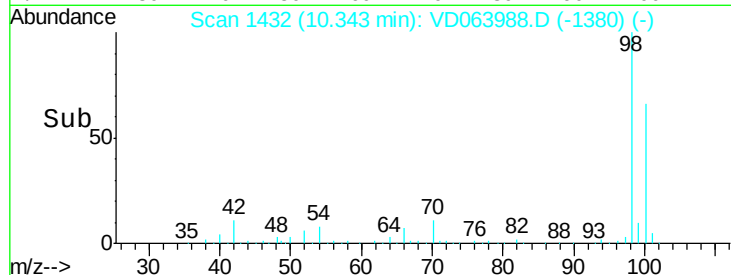
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.598 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063988.D

Acq: 16 Oct 2019 15:35

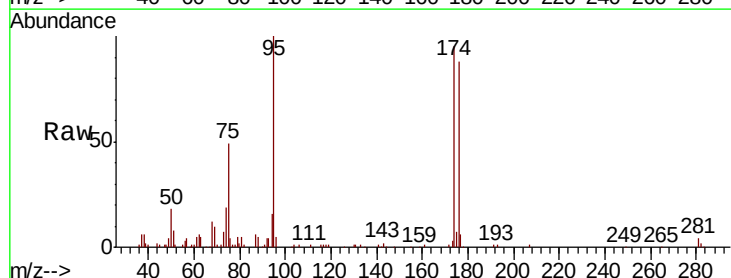
Tgt Ion: 95 Resp: 99856

Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.4

176 90.6 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

80000

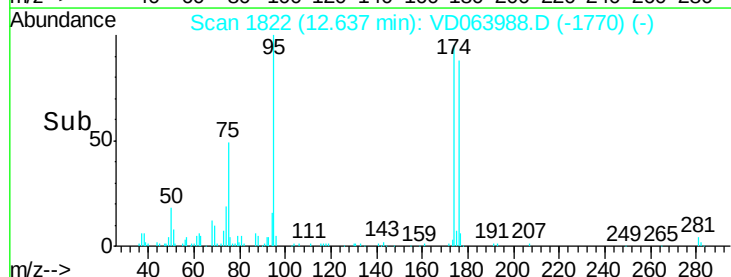
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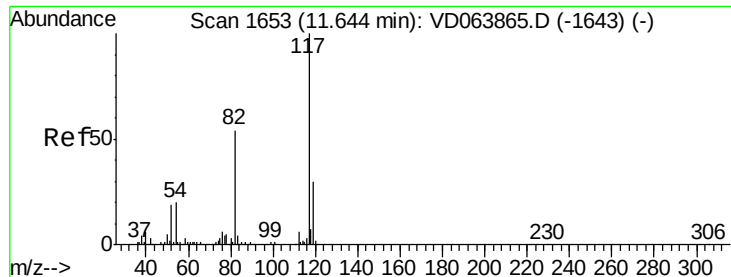
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063988.D

Acq: 16 Oct 2019 15:35

Instrument :

MSVOA_D

ClientSampleId :

SU-01-101519RE

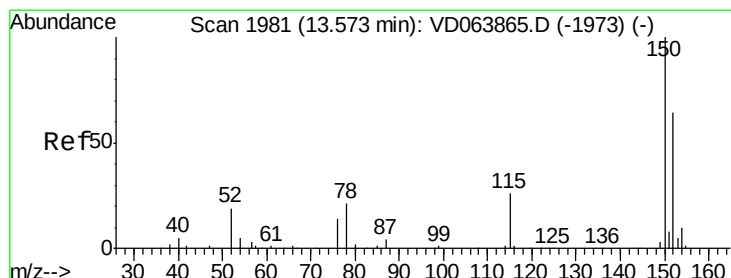
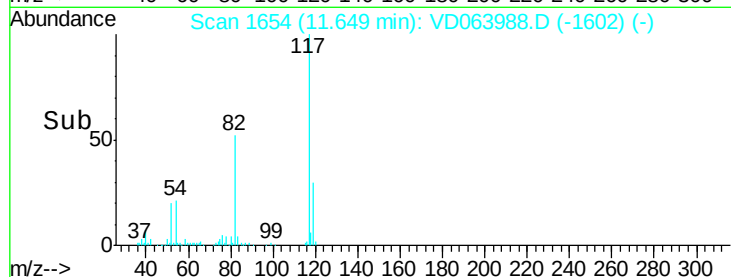
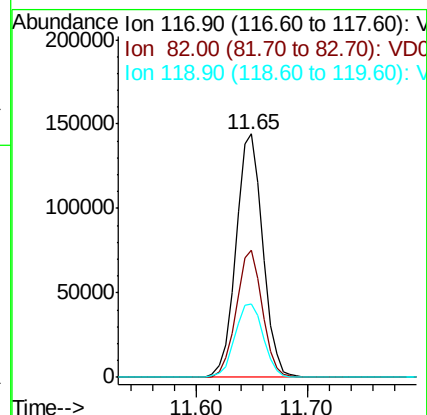
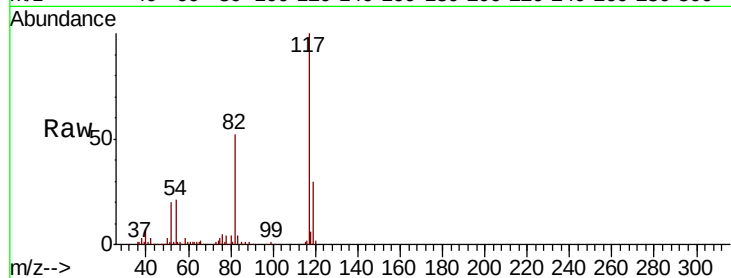
Tot Ion:117 Resp: 245416

Ion Ratio Lower Upper

117 100

82 52.3 42.8 64.2

119 30.1 24.4 36.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063988.D

Acq: 16 Oct 2019 15:35

Tgt Ion:152 Resp: 119140

Ion Ratio Lower Upper

152 100

115 54.8 25.9 77.7

150 154.4 0.0 344.2

