

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101619\
 Data File : VD063981.D
 Acq On : 16 Oct 2019 12:11
 Operator : VA/SY
 Sample : VD1016SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1016SBL01

Quant Time: Oct 16 13:53:30 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	197194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	370926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	359081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	173828	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	111533	58.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.20%	
35) Dibromofluoromethane	7.91	113	112128	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.34	98	478214	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.63	95	146077	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

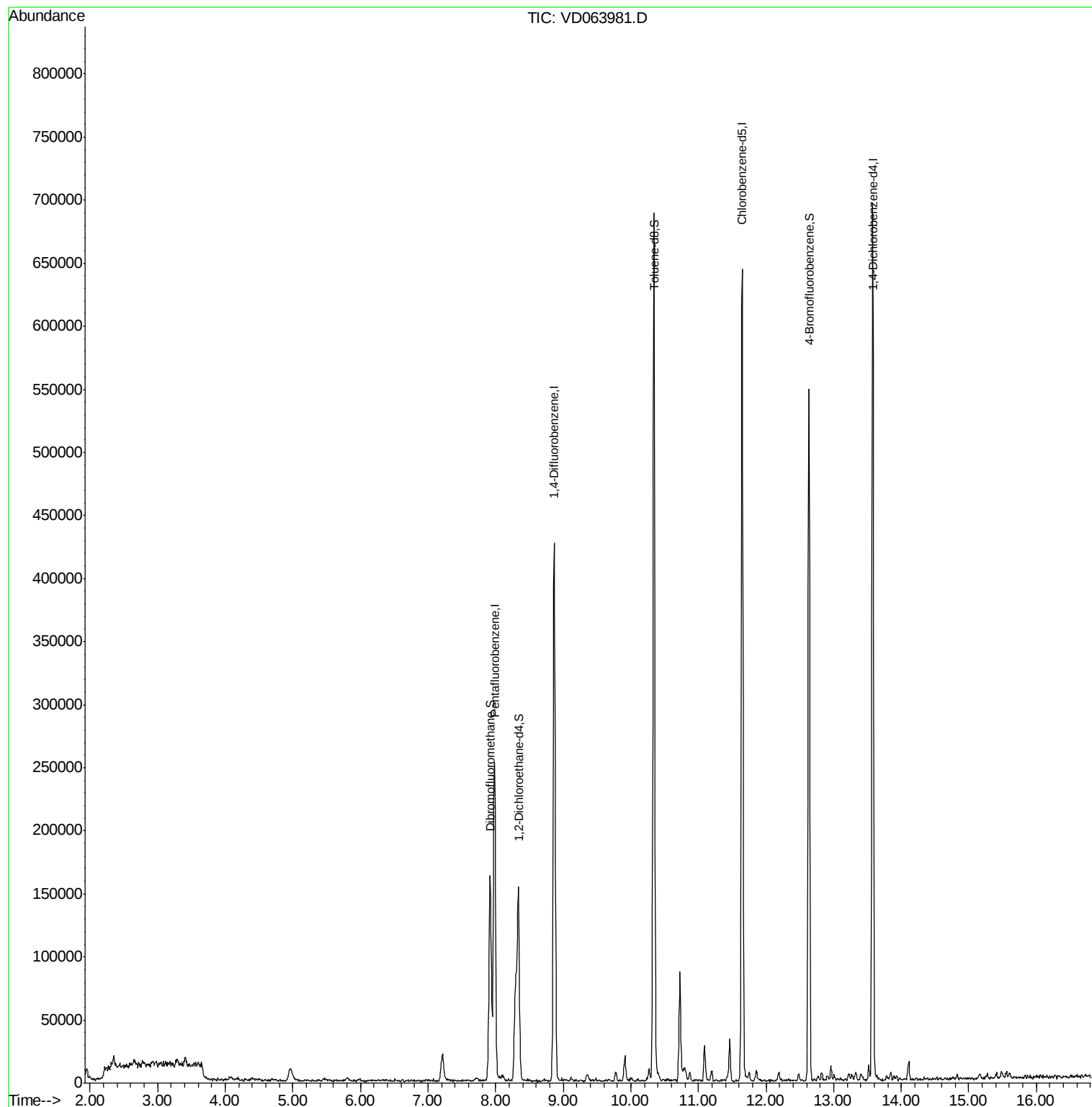
Target Compounds	Qvalue

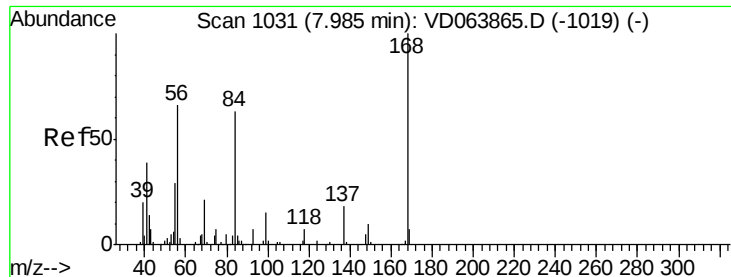
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063981.D

Acq: 16 Oct 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

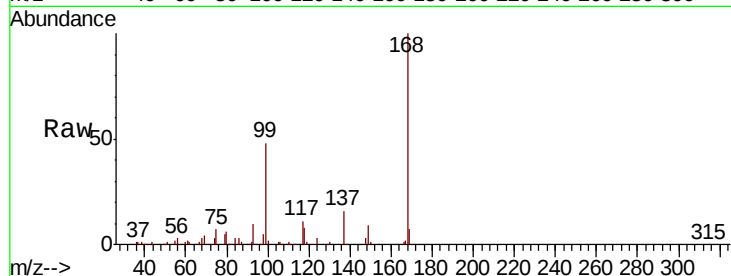
VD1016SBL01

Tot Ion:168 Resp: 197194

Ion Ratio Lower Upper

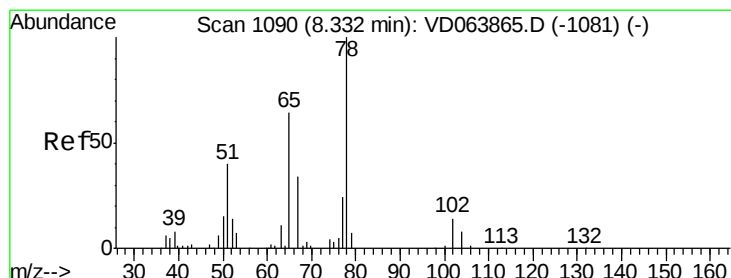
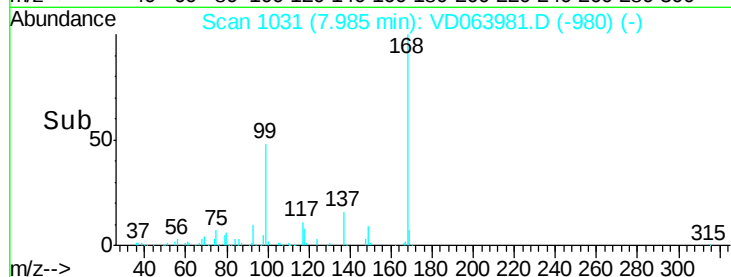
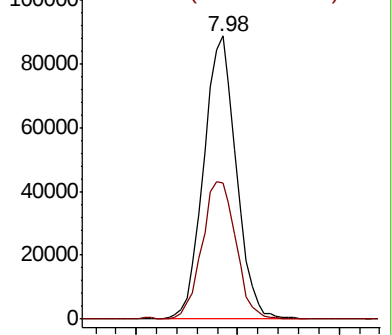
168 100

99 47.9 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: 58.095 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063981.D

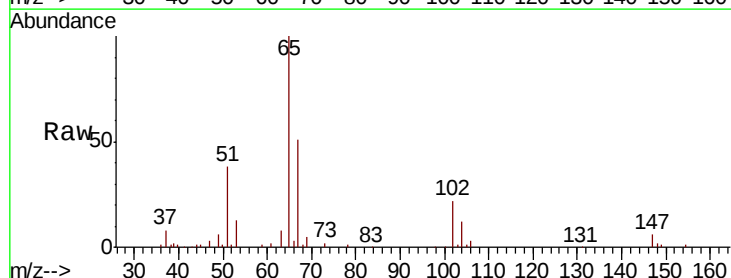
Acq: 16 Oct 2019 12:11

Tgt Ion: 65 Resp: 111533

Ion Ratio Lower Upper

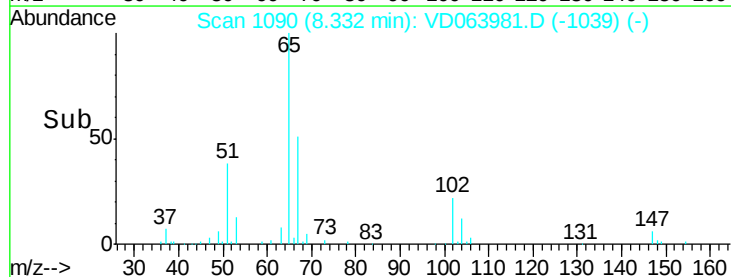
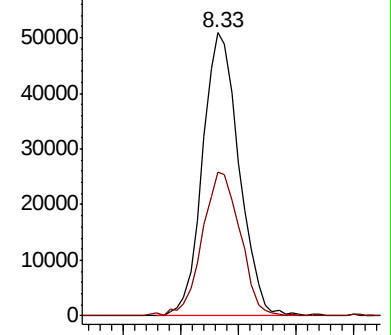
65 100

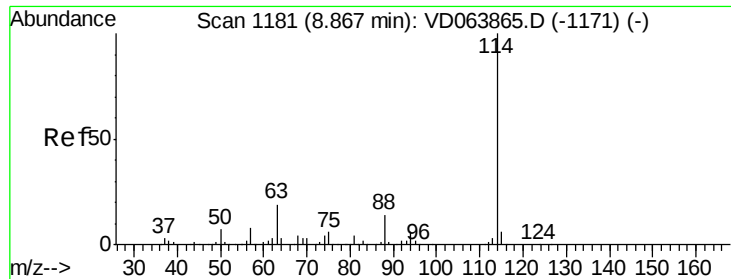
67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

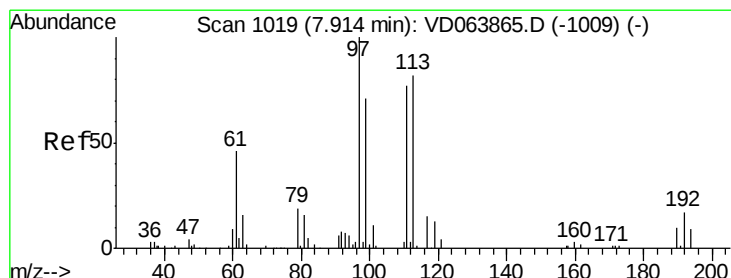
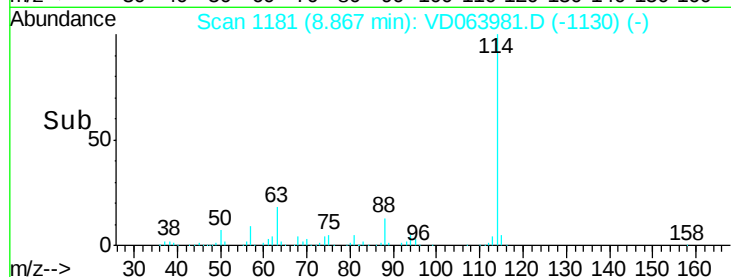
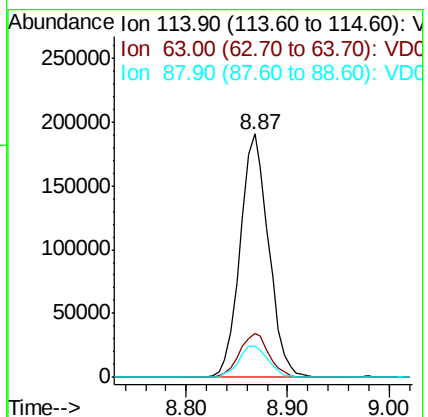
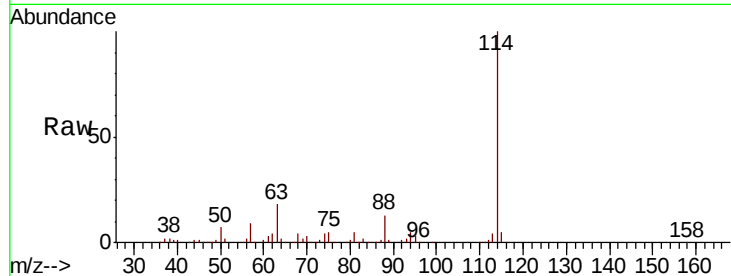




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063981.D
Acq: 16 Oct 2019 12:11

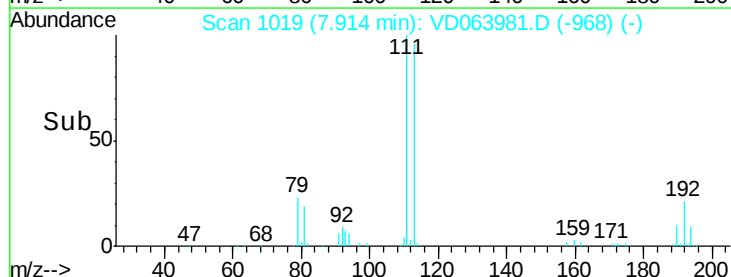
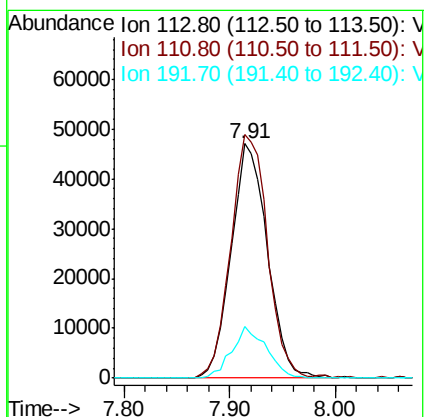
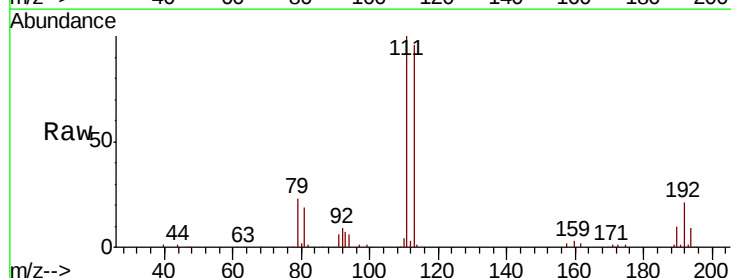
Instrument :
MSVOA_D
ClientSampleId :
VD1016SBL01

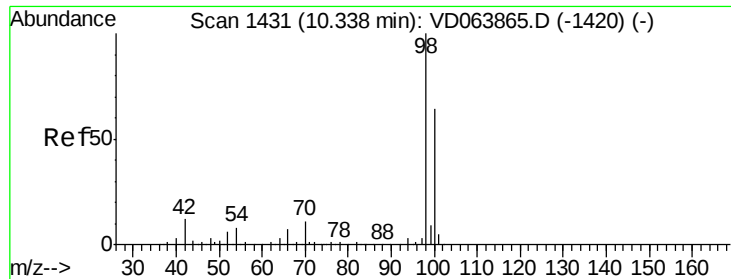
Tot Ion:114 Resp: 370926
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 12.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD063981.D
Acq: 16 Oct 2019 12:11

Tgt Ion:113 Resp: 112128
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 21.1 17.1 25.7





#50

Toluene-d8

Concen: 51.975 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063981.D

Acq: 16 Oct 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

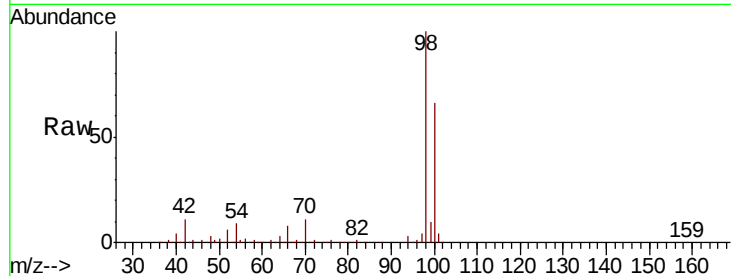
VD1016SBL01

Tot Ion: 98 Resp: 478214

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

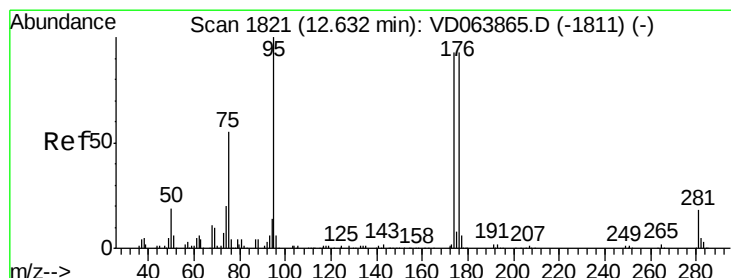
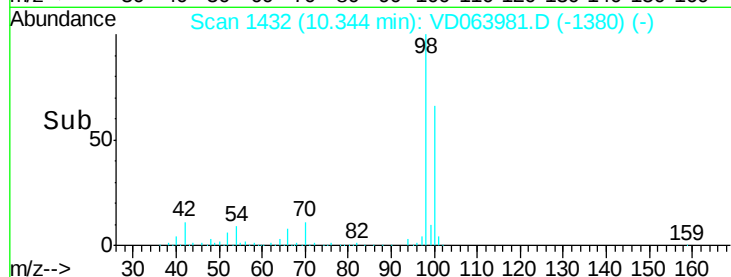
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.688 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063981.D

Acq: 16 Oct 2019 12:11

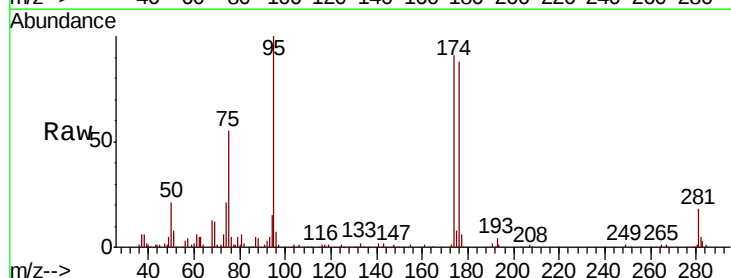
Tgt Ion: 95 Resp: 146077

Ion Ratio Lower Upper

95 100

174 95.3 0.0 186.4

176 93.3 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

12.63

120000

100000

80000

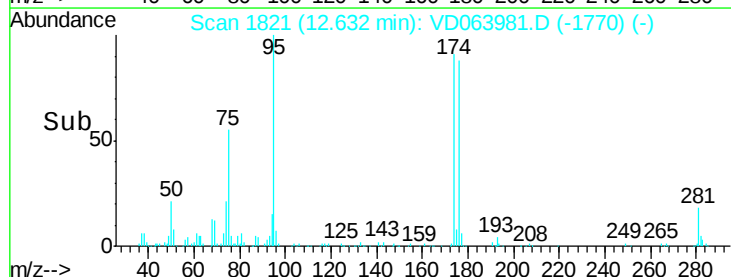
60000

40000

20000

0

Time-->

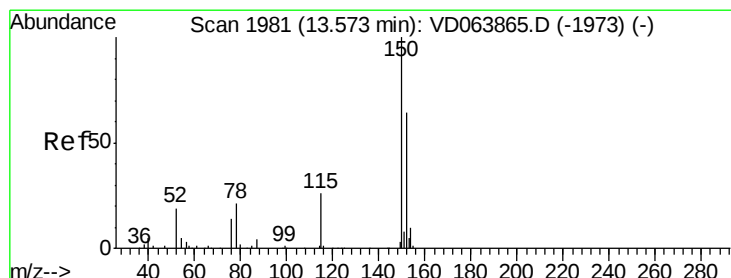
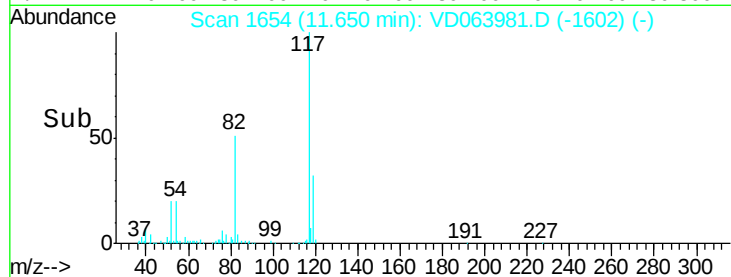
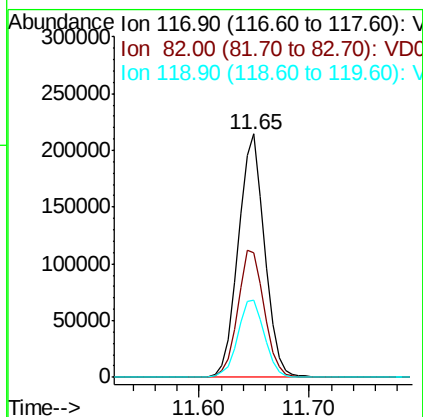
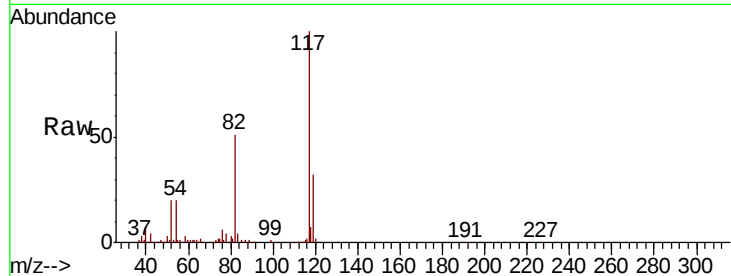




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063981.D
Acq: 16 Oct 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD1016SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.8	64.2
119	32.0	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: VD063981.D
Acq: 16 Oct 2019 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	25.9	77.7
150	158.4	0.0	344.2

