

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101519\
 Data File : VD063969.D
 Acq On : 15 Oct 2019 13:55
 Operator : VA/SY
 Sample : K5357-01
 Misc : 6.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11933

Quant Time: Oct 16 03:12:53 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	194488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	351034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	347221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	102173	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.92	113	107868	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.34	98	448847	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.64	95	142736	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

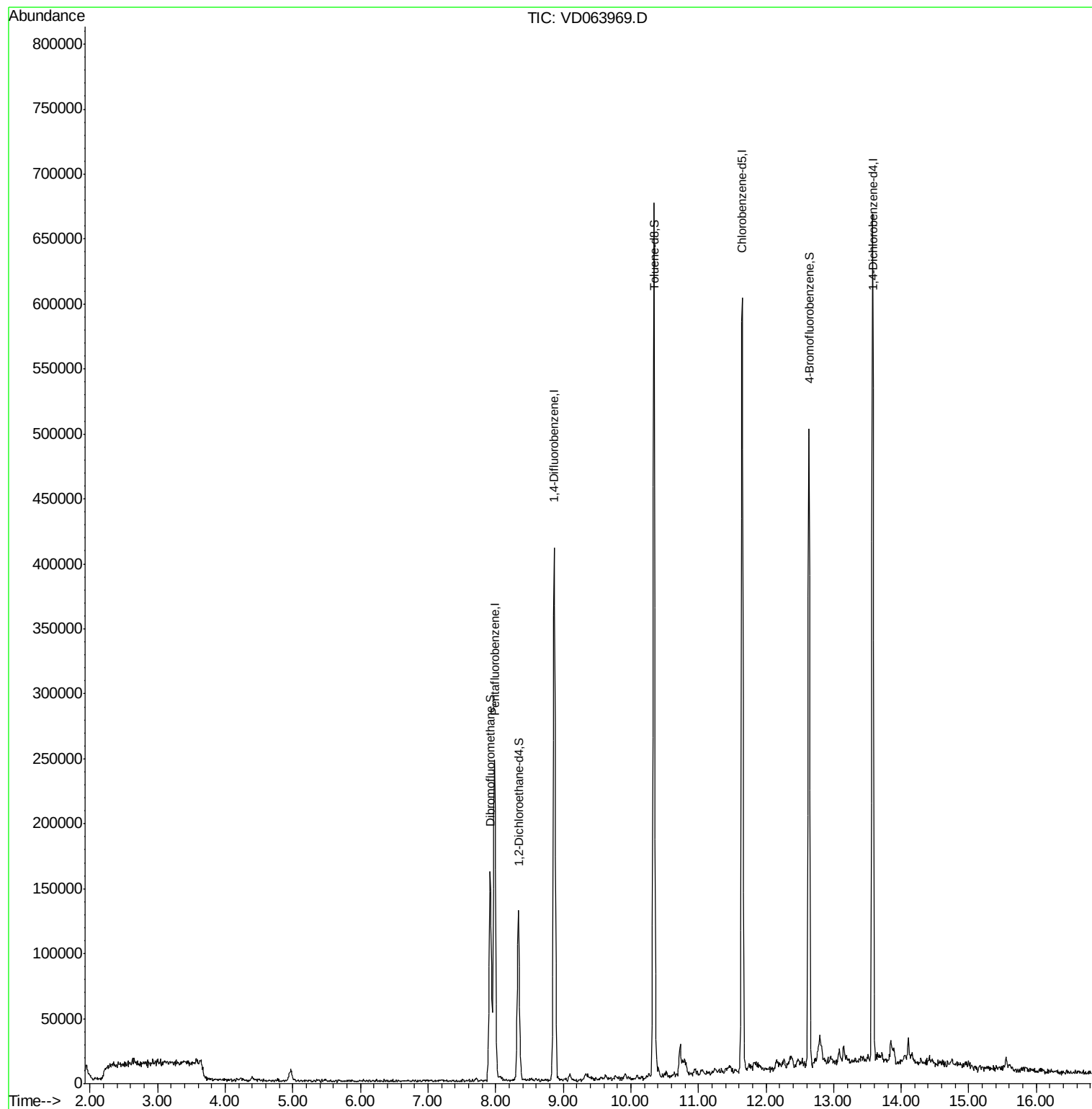
Target Compounds	Qvalue

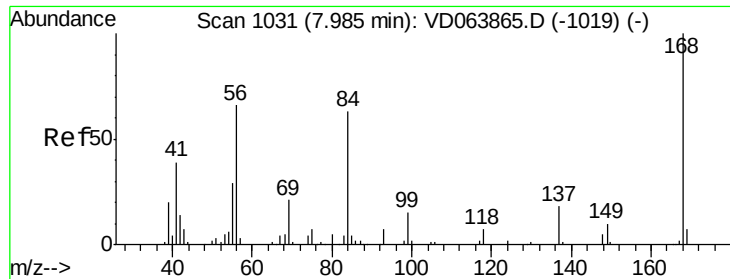
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
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: VD063969.D

Acq: 15 Oct 2019 13:55

Instrument :

MSVOA_D

ClientSampleId :

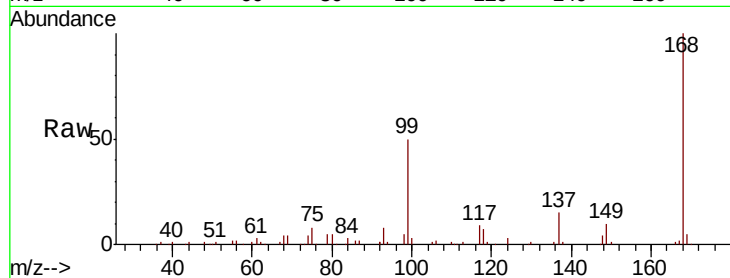
72-11933

Tot Ion:168 Resp: 194488

Ion Ratio Lower Upper

168 100

99 49.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

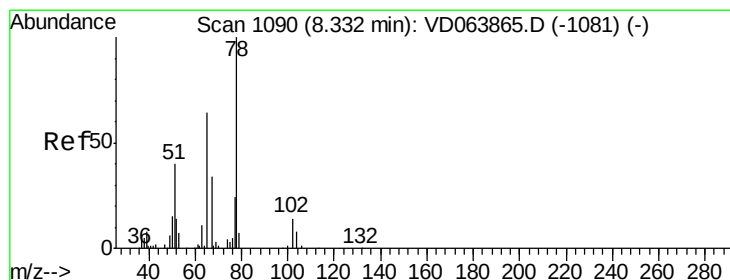
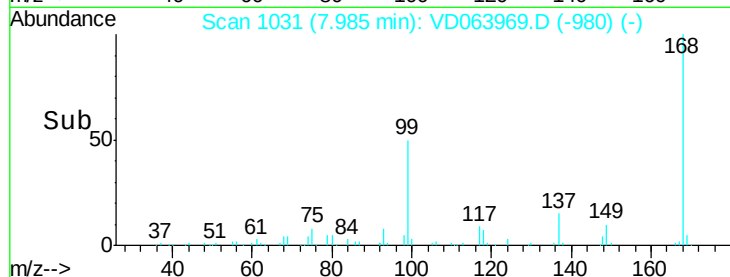
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.960 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063969.D

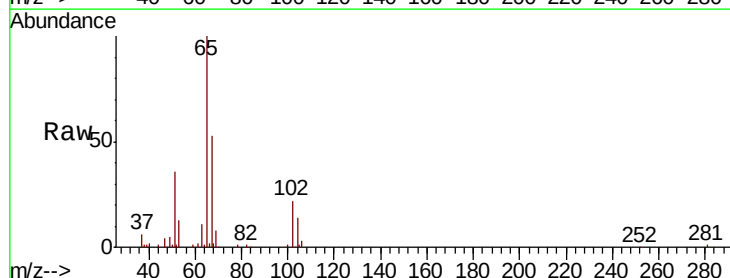
Acq: 15 Oct 2019 13:55

Tgt Ion: 65 Resp: 102173

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

50000

40000

30000

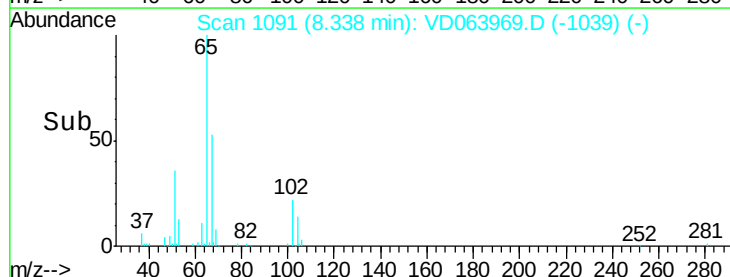
20000

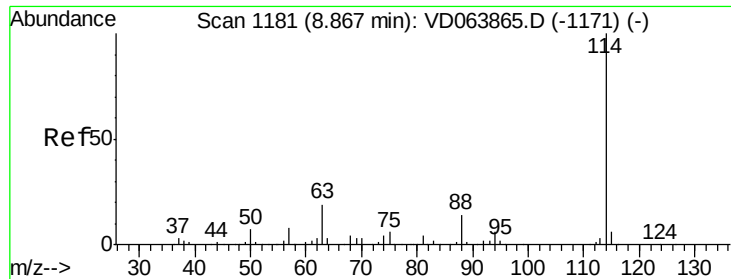
10000

0

8.25 8.30 8.35 8.40

Time-->

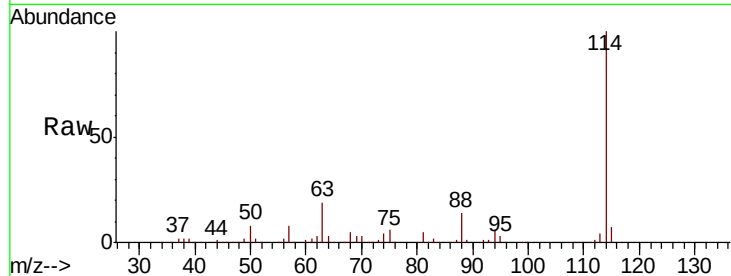




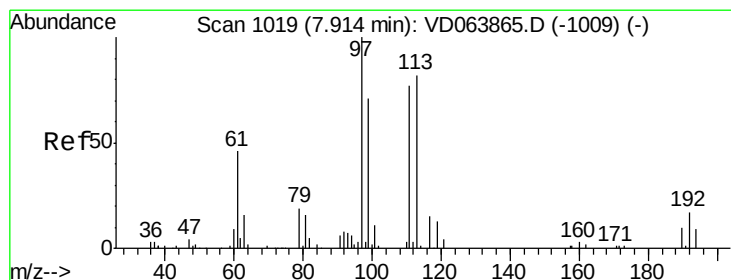
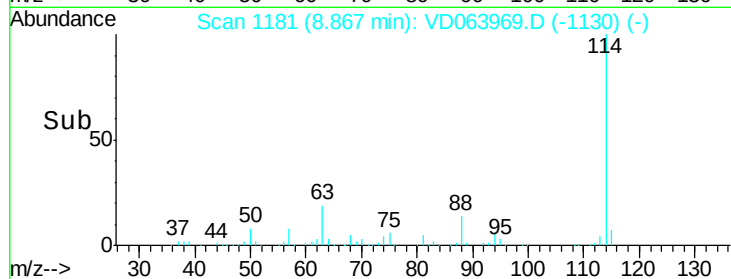
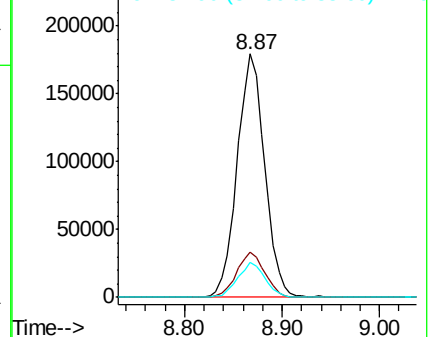
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063969.D
Acq: 15 Oct 2019 13:55

Instrument :
MSVOA_D
ClientSampleId :
72-11933

Tot Ion:114 Resp: 351034
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 14.2 0.0 27.4

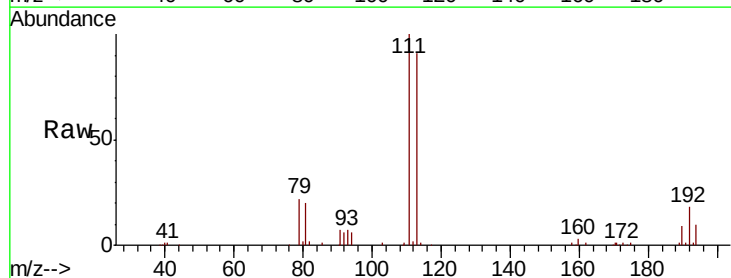


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

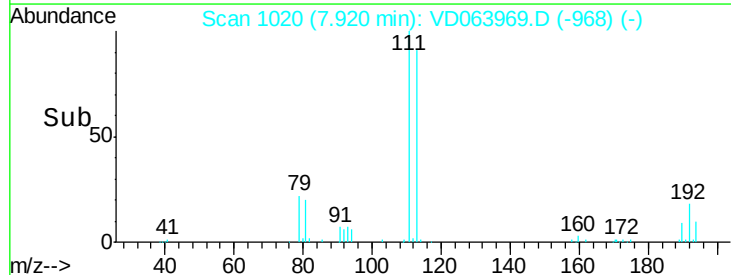
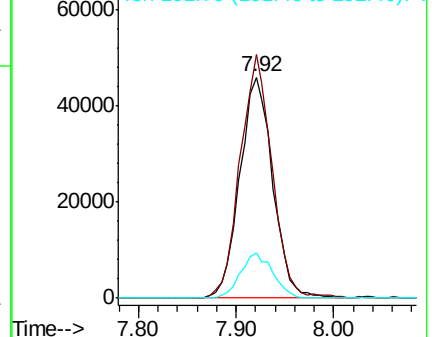


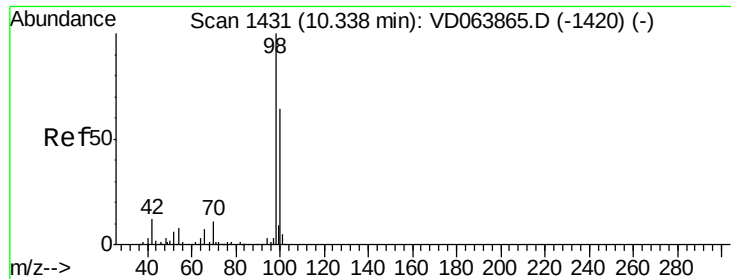
#35
Dibromofluoromethane
Concen: 50.282 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063969.D
Acq: 15 Oct 2019 13:55

Tgt Ion:113 Resp: 107868
Ion Ratio Lower Upper
113 100
111 106.9 82.6 123.8
192 20.1 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: 51.548 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063969.D

Acq: 15 Oct 2019 13:55

Instrument :

MSVOA_D

ClientSampleId :

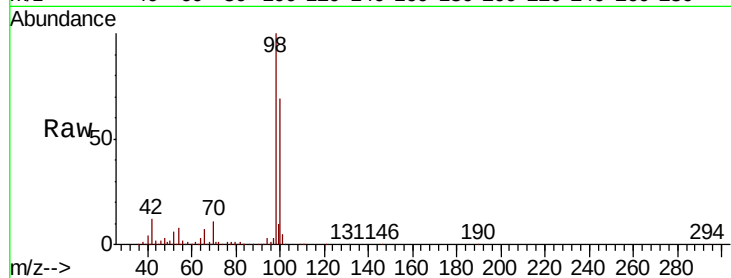
72-11933

Tot Ion: 98 Resp: 448847

Ion Ratio Lower Upper

98 100

100 66.2 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

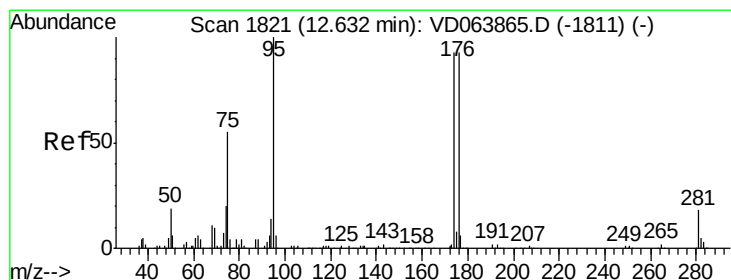
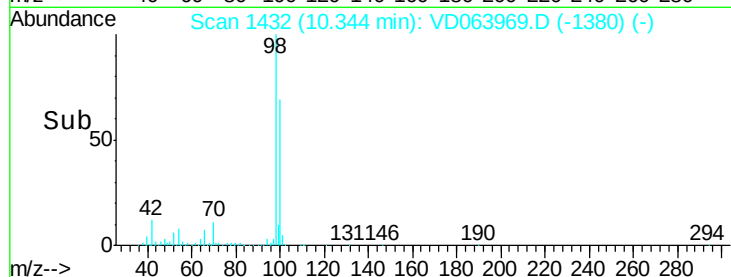
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 47.173 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063969.D

Acq: 15 Oct 2019 13:55

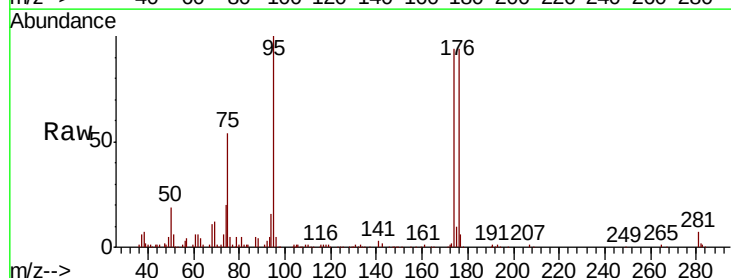
Tgt Ion: 95 Resp: 142736

Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.4

176 91.3 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

12.64

100000

80000

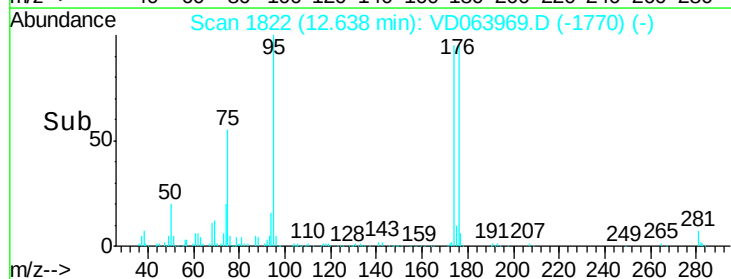
60000

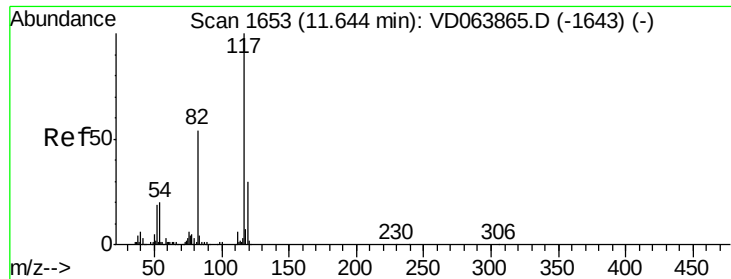
40000

20000

0

Time--> 12.60 12.70

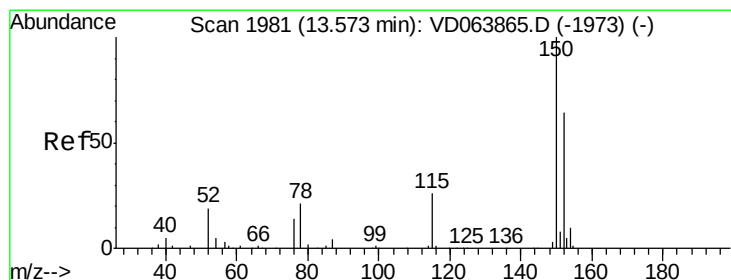
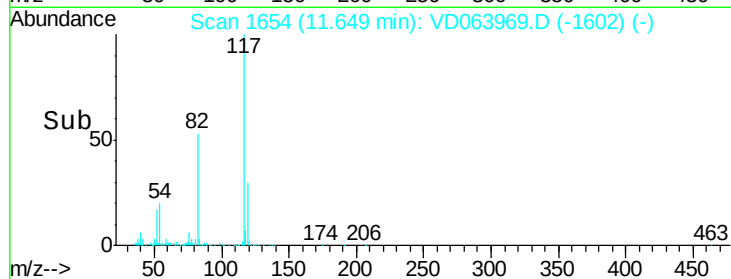
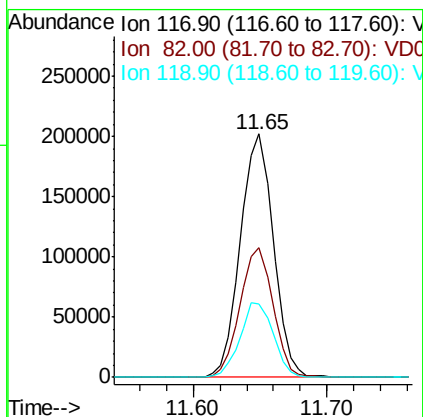
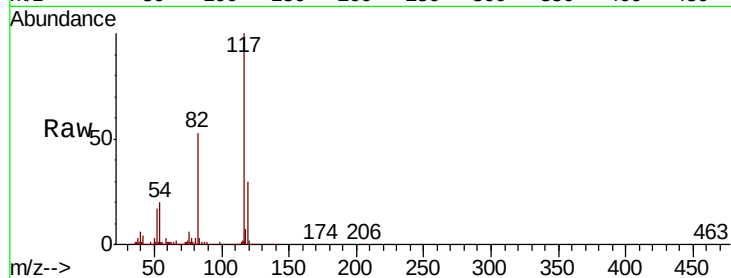




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063969.D
Acq: 15 Oct 2019 13:55

Instrument :
MSVOA_D
ClientSampleId :
72-11933

Tot Ion:117 Resp: 347221
Ion Ratio Lower Upper
117 100
82 53.3 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: VD063969.D
Acq: 15 Oct 2019 13:55

Tgt Ion:152 Resp: 169106
Ion Ratio Lower Upper
152 100
115 54.0 25.9 77.7
150 160.4 0.0 344.2

