

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064893.D
 Acq On : 20 Jan 2020 16:33
 Operator : VA/SY
 Sample : L1189-05
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5-13.5-14.0

Quant Time: Jan 21 05:42:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	404858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	690533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	661848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315548	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	234062	65.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.12%	
35) Dibromofluoromethane	7.92	113	226601	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
50) Toluene-d8	10.34	98	852933	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.64	95	273730	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

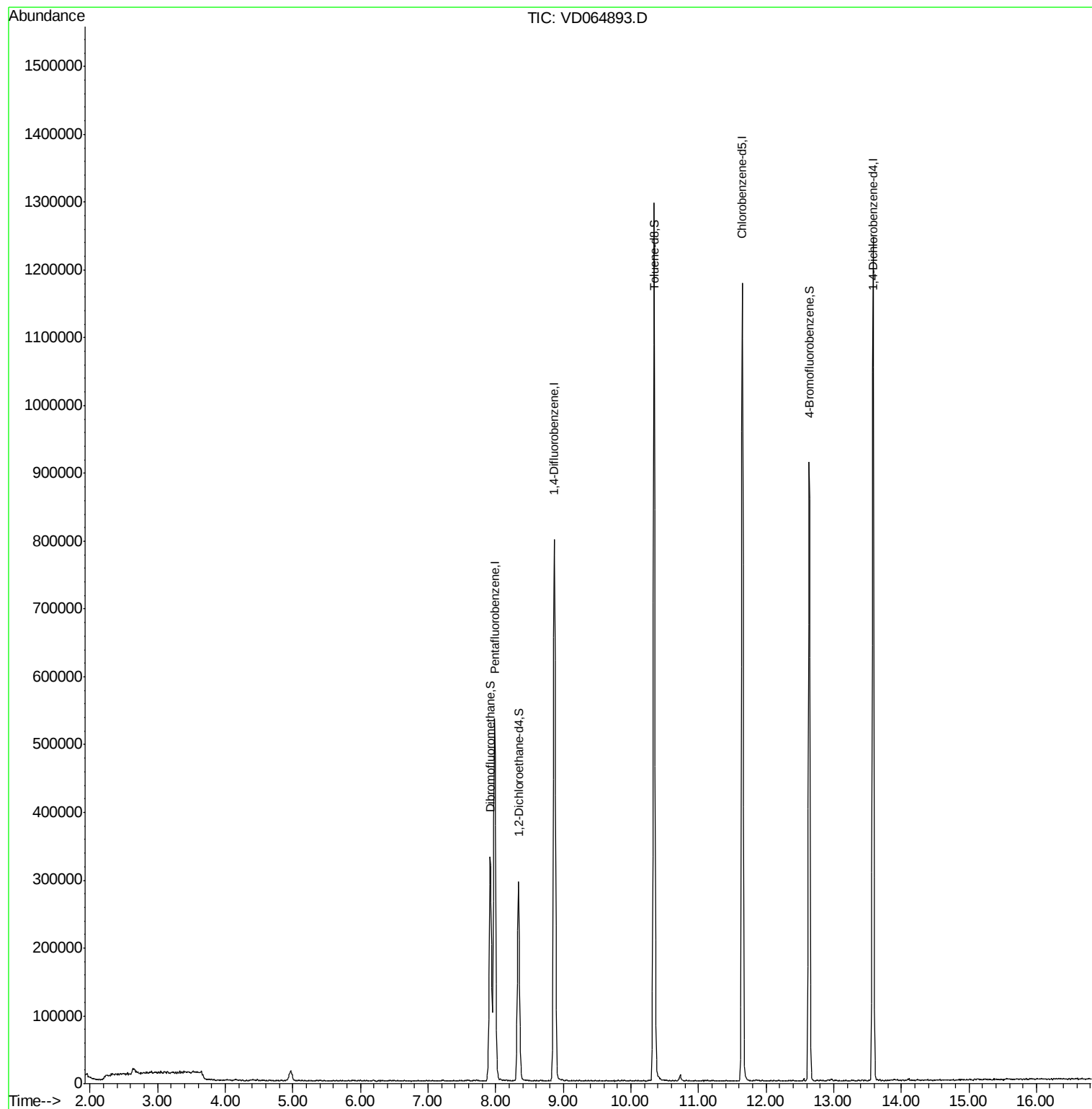
Target Compounds	Qvalue

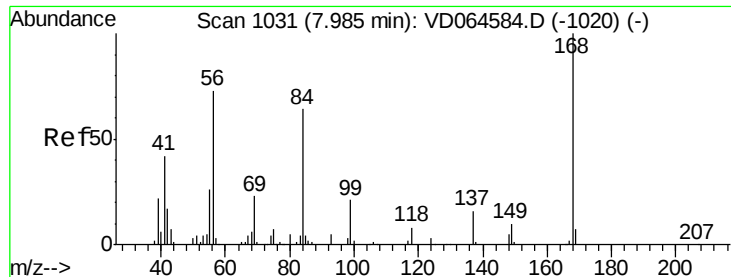
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012020\
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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: VD064893.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

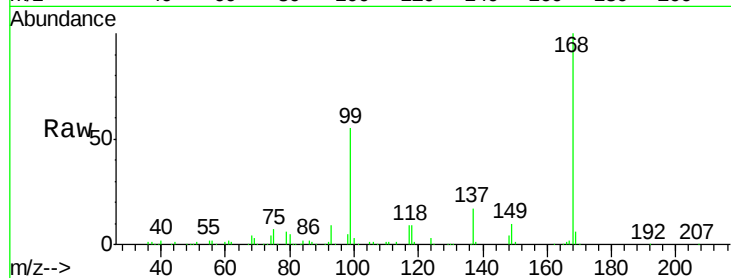
SB-5-13.5-14.0

Tot Ion:168 Resp: 404858

Ion Ratio Lower Upper

168 100

99 55.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

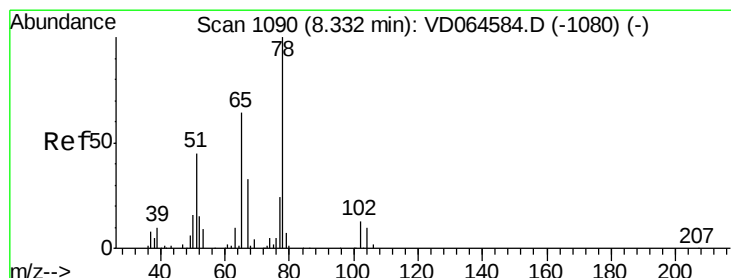
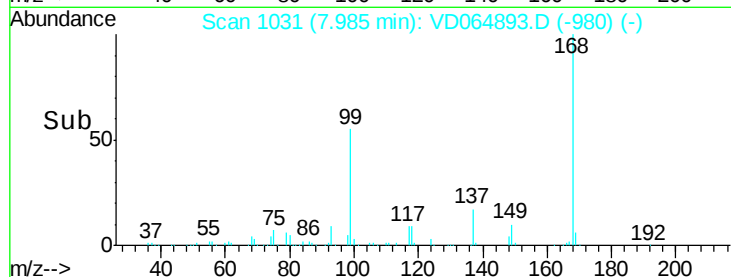
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 65.564 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064893.D

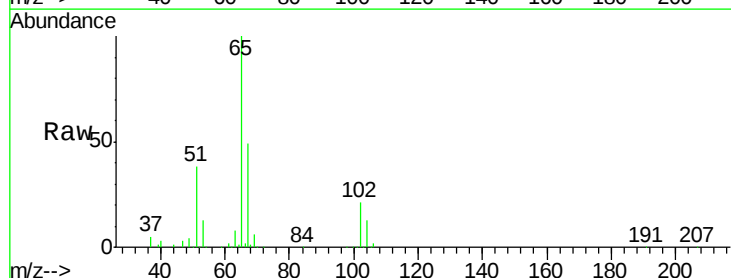
Acq: 20 Jan 2020 16:33

Tgt Ion: 65 Resp: 234062

Ion Ratio Lower Upper

65 100

67 50.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

60000

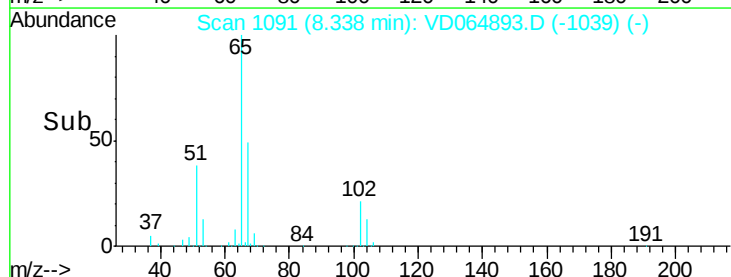
40000

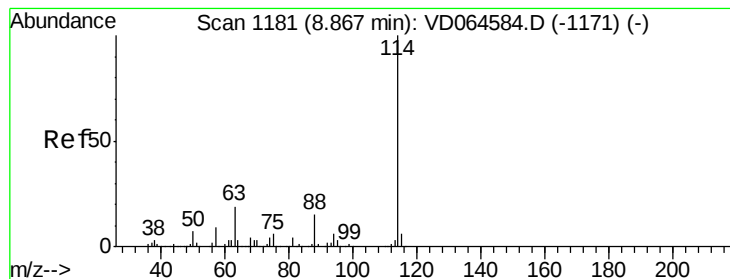
20000

0

8.30 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: VD064893.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

SB-5-13.5-14.0

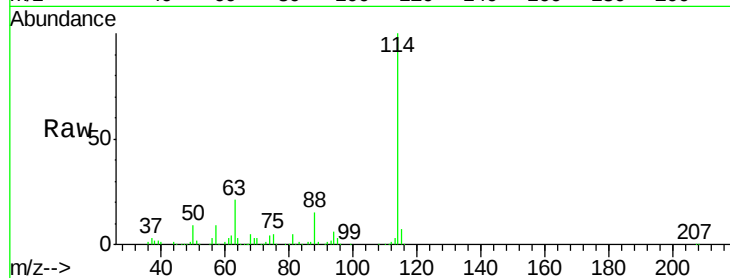
Tot Ion:114 Resp: 690533

Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.0

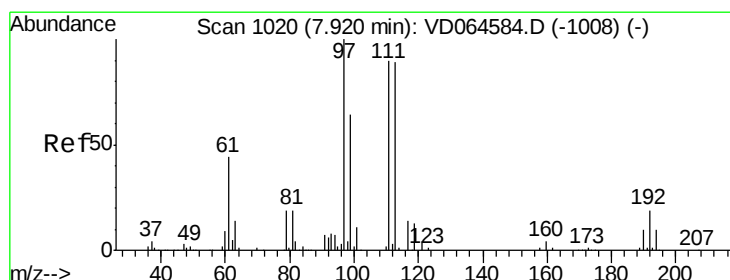
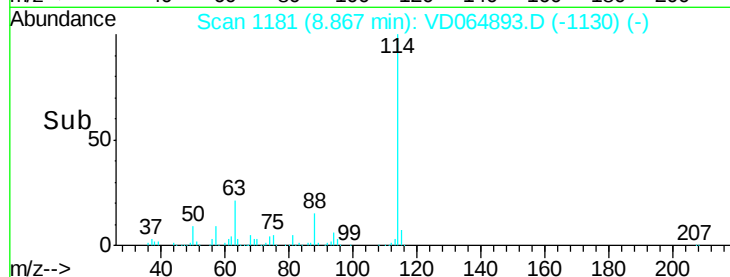
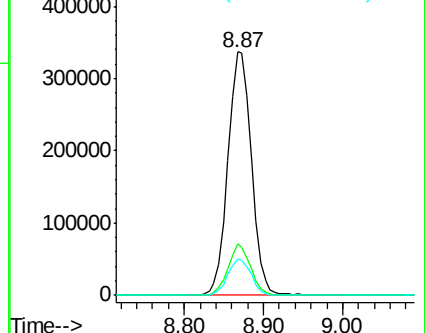
88 14.9 0.0 29.2



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: 53.487 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064893.D

Acq: 20 Jan 2020 16:33

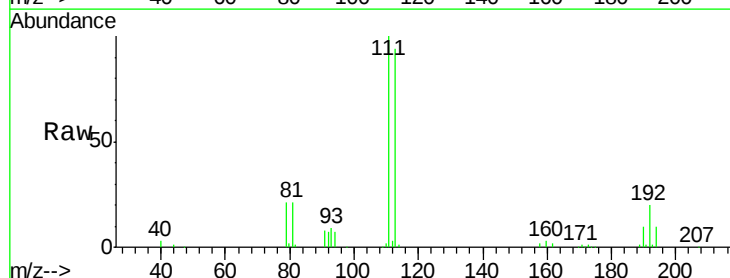
Tgt Ion:113 Resp: 226601

Ion Ratio Lower Upper

113 100

111 104.3 80.6 121.0

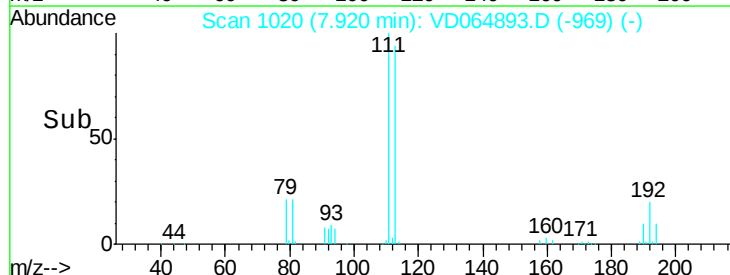
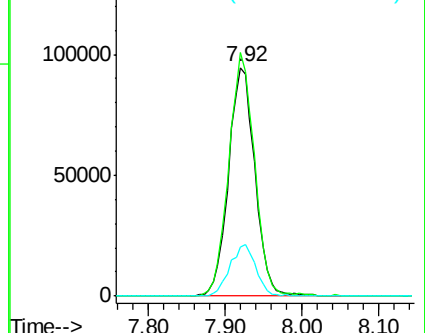
192 22.2 17.9 26.9

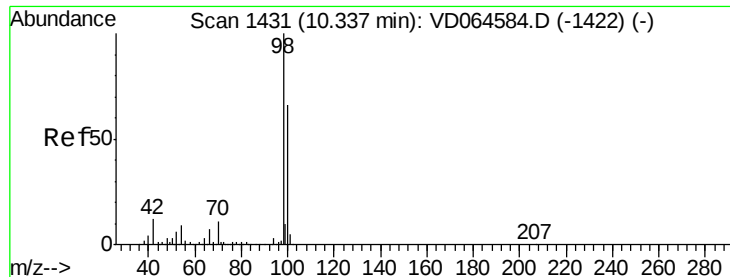


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.567 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064893.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

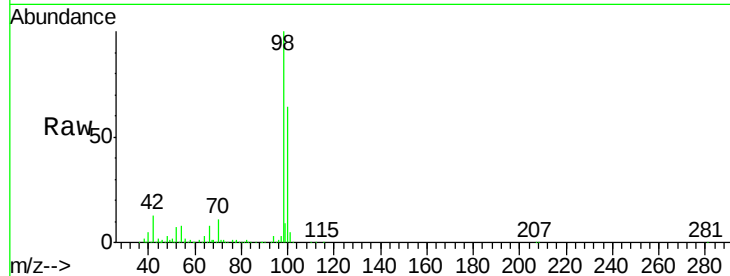
SB-5-13.5-14.0

Tot Ion: 98 Resp: 852933

Ion Ratio Lower Upper

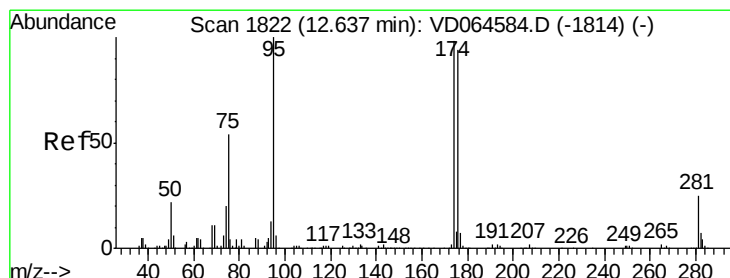
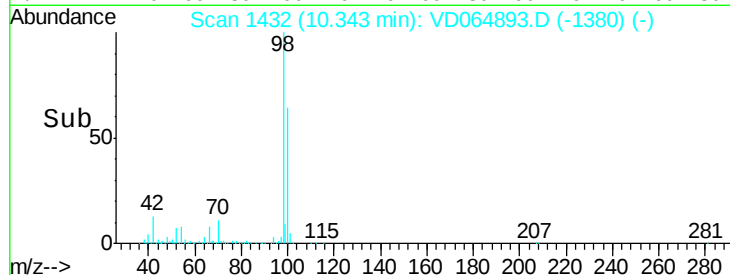
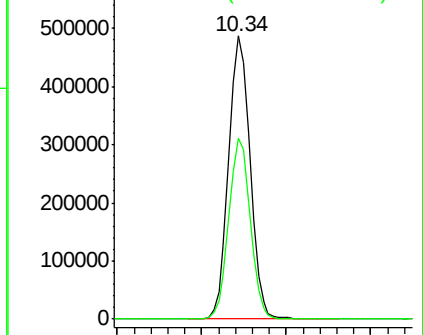
98 100

100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.352 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064893.D

Acq: 20 Jan 2020 16:33

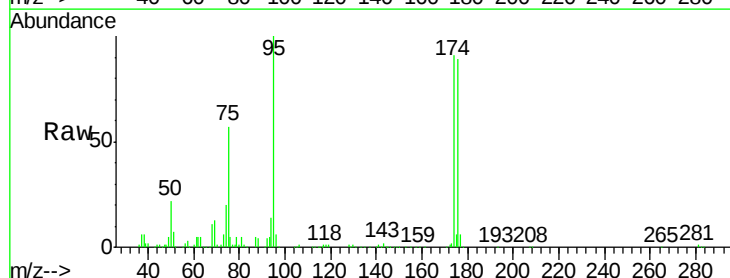
Tgt Ion: 95 Resp: 273730

Ion Ratio Lower Upper

95 100

174 92.3 0.0 193.2

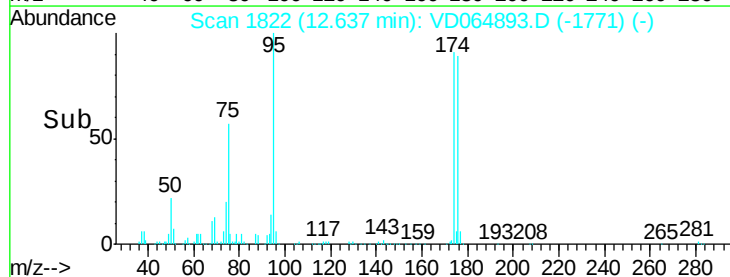
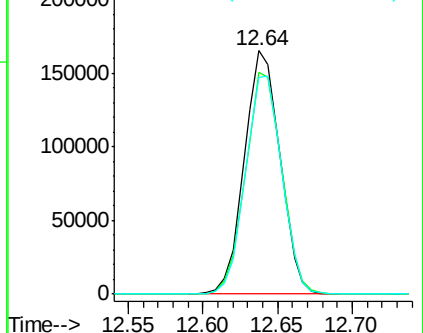
176 91.2 0.0 184.2

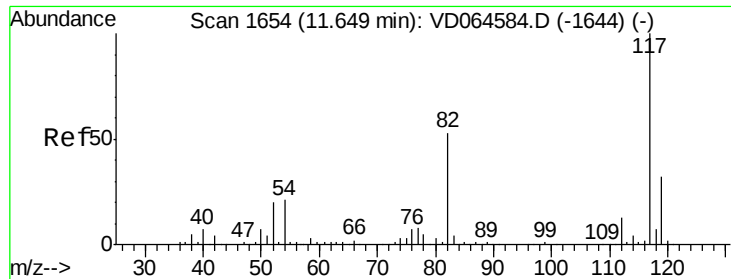


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

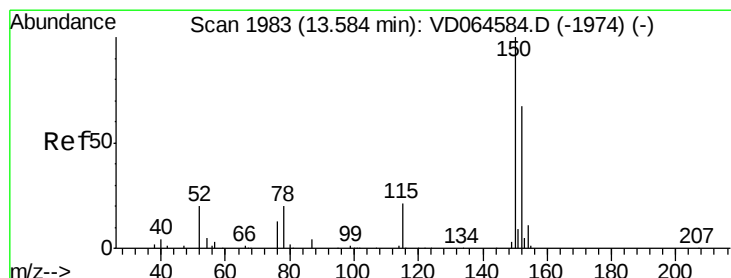
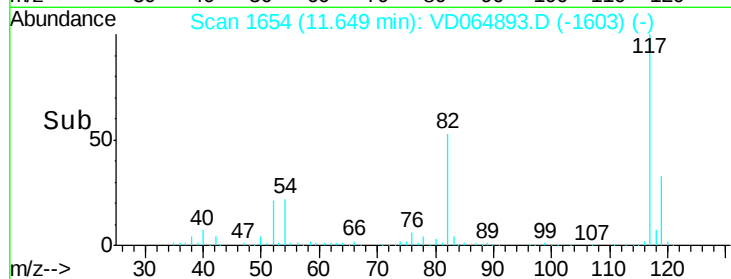
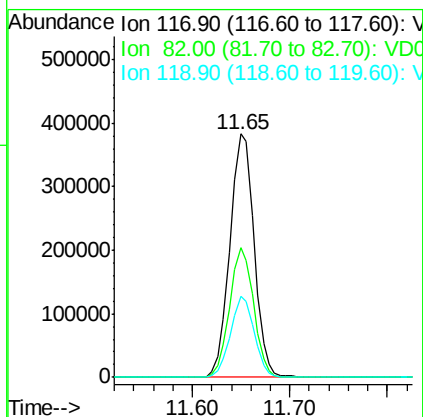
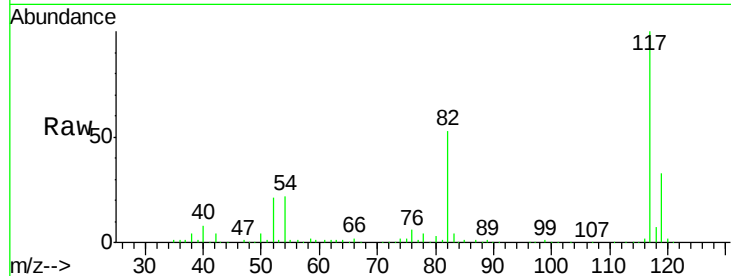




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064893.D
Acq: 20 Jan 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
SB-5-13.5-14.0

Tot Ion:117 Resp: 661848
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 33.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064893.D
Acq: 20 Jan 2020 16:33

Tgt Ion:152 Resp: 315548
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 159.8 0.0 351.4

