

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064880.D
 Acq On : 20 Jan 2020 09:45
 Operator : VA/SY
 Sample : VD0120SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL01

Quant Time: Jan 21 04:29:04 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	413989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	675432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	623262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285138	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	201656	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
35) Dibromofluoromethane	7.92	113	211791	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.34	98	817713	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.64	95	253566	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

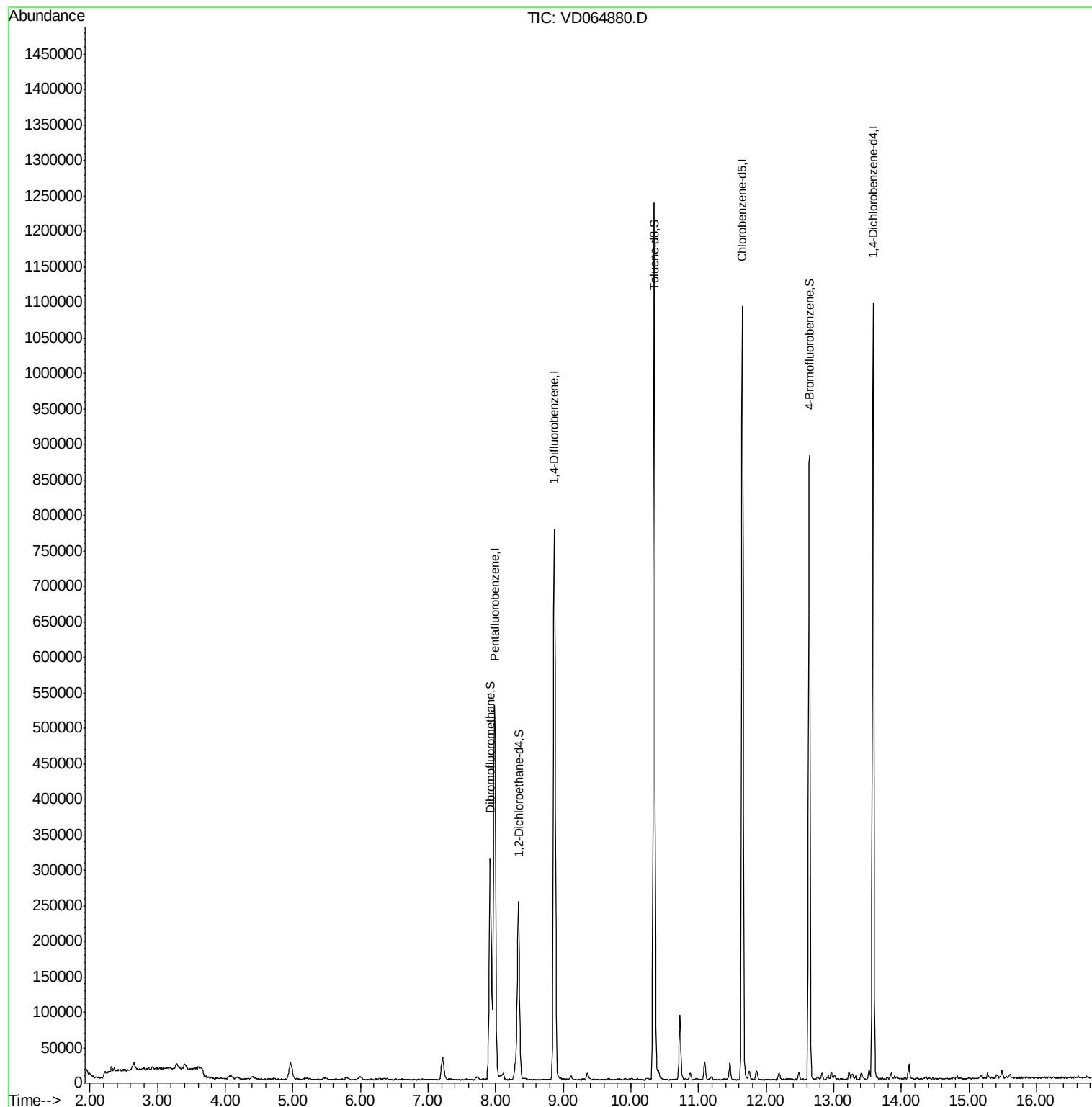
Target Compounds	Qvalue

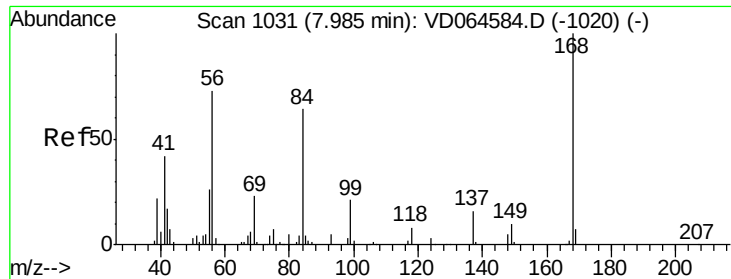
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064880.D

Acq: 20 Jan 2020 09:45

Instrument :

MSVOA_D

ClientSampleId :

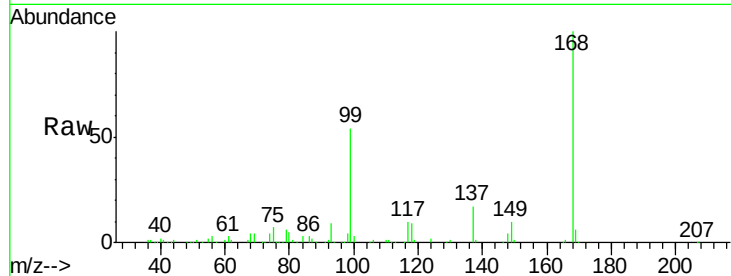
VD0120SBL01

Tot Ion:168 Resp: 413989

Ion Ratio Lower Upper

168 100

99 53.5 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

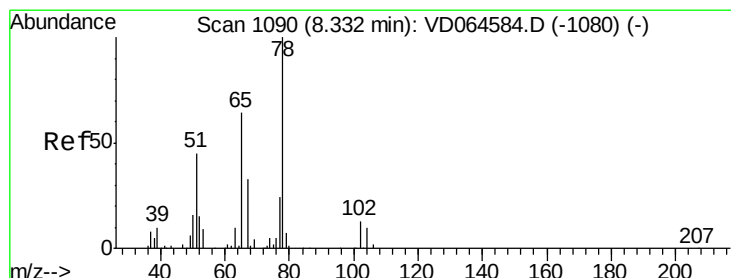
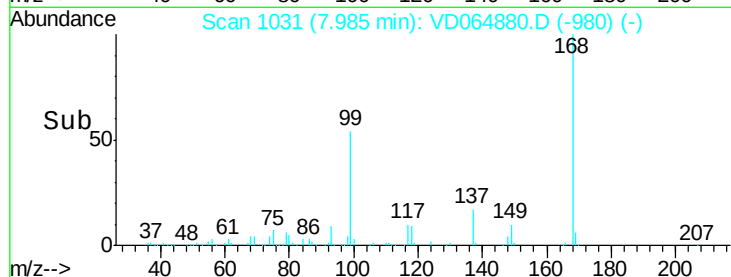
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.241 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064880.D

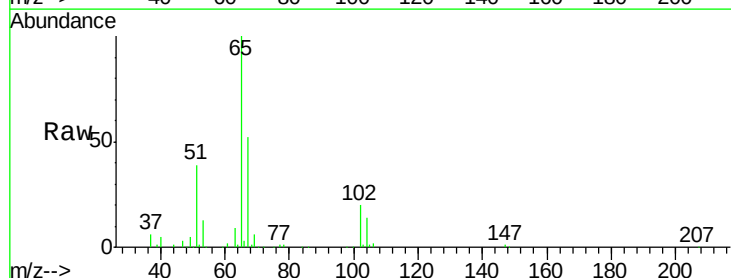
Acq: 20 Jan 2020 09:45

Tgt Ion: 65 Resp: 201656

Ion Ratio Lower Upper

65 100

67 52.1 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

100000

80000

60000

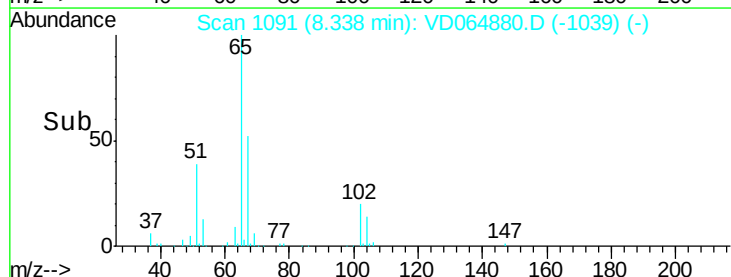
40000

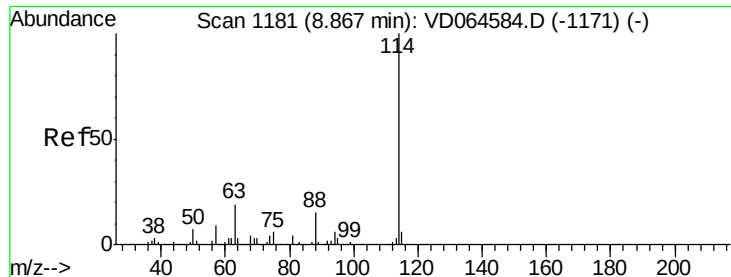
20000

0

8.20 8.30 8.40 8.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBL01

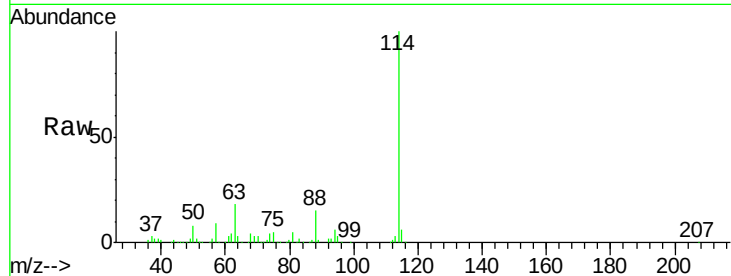
Tot Ion:114 Resp: 675432

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.0

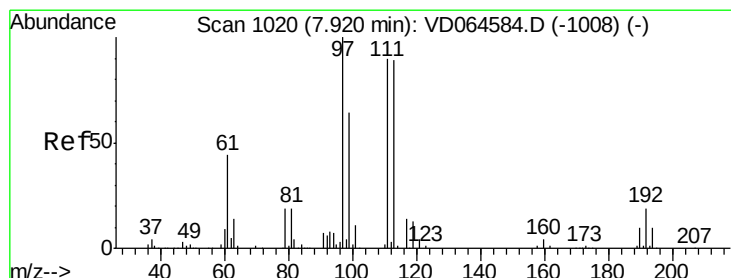
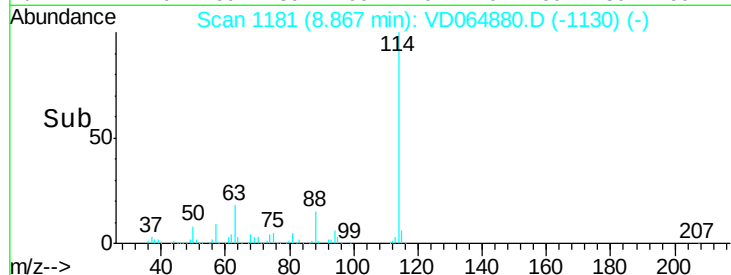
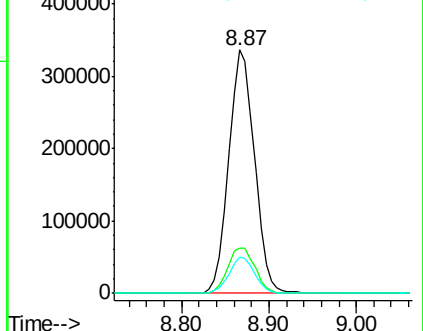
88 14.8 0.0 29.2



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: 51.109 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

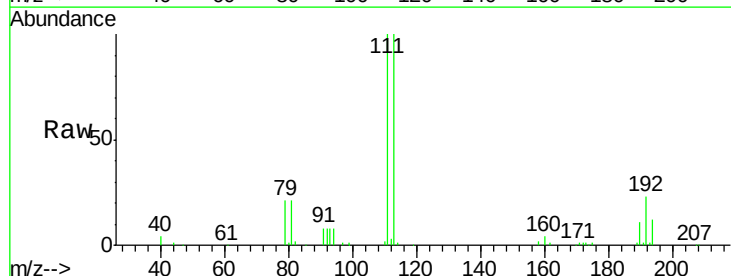
Tgt Ion:113 Resp: 211791

Ion Ratio Lower Upper

113 100

111 102.7 80.6 121.0

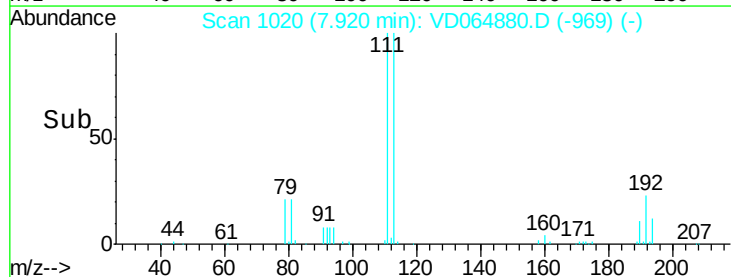
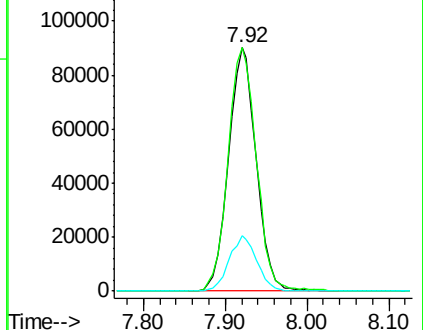
192 22.5 17.9 26.9

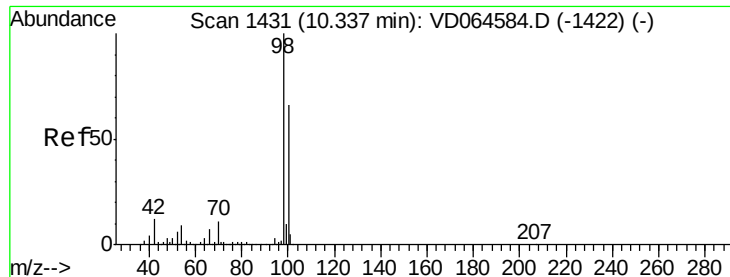


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.524 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

Instrument :

MSVOA_D

ClientSampleId :

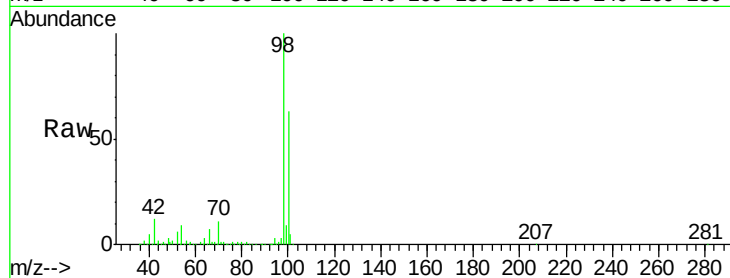
VD0120SBL01

Tot Ion: 98 Resp: 817713

Ion Ratio Lower Upper

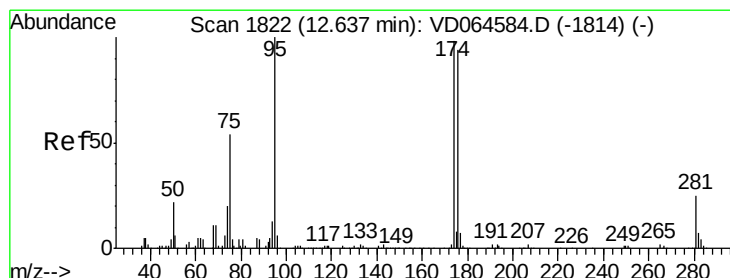
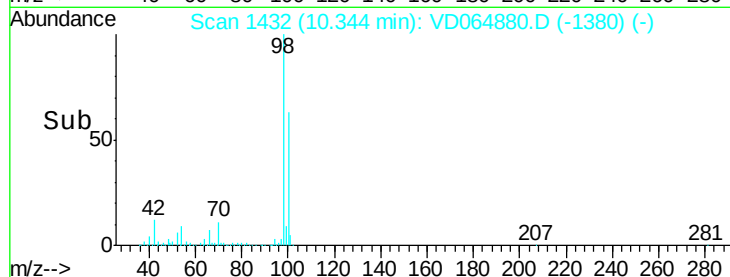
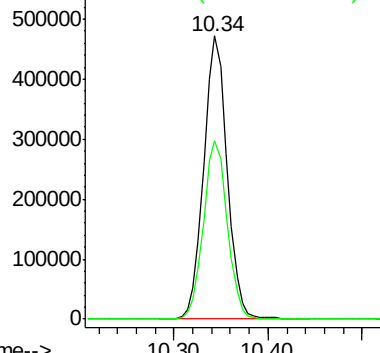
98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 50.527 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

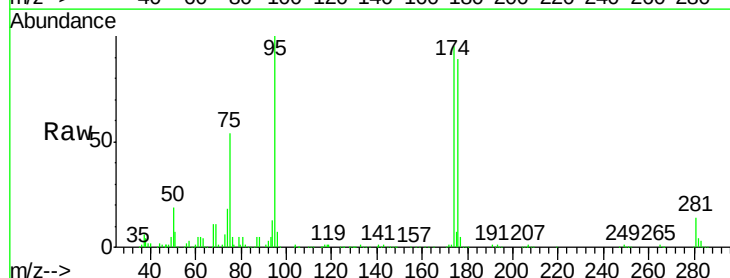
Tgt Ion: 95 Resp: 253566

Ion Ratio Lower Upper

95 100

174 91.7 0.0 193.2

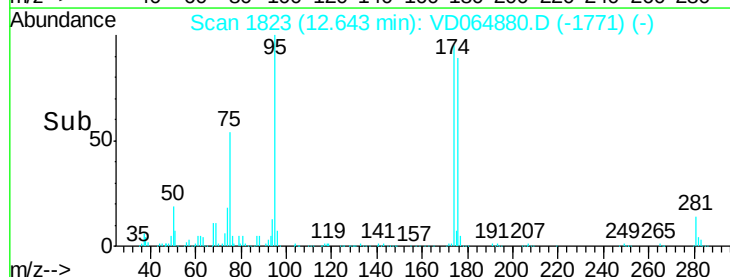
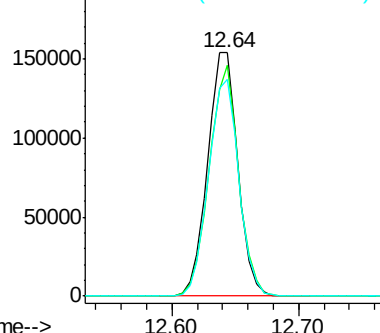
176 89.3 0.0 184.2

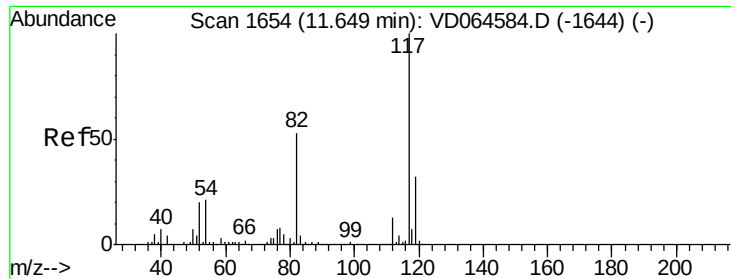


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

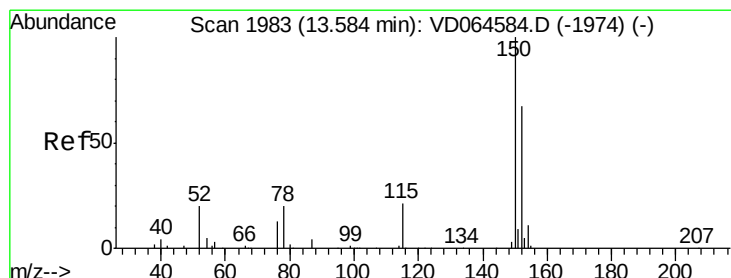
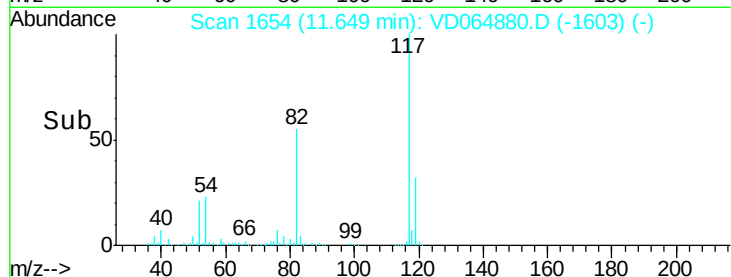
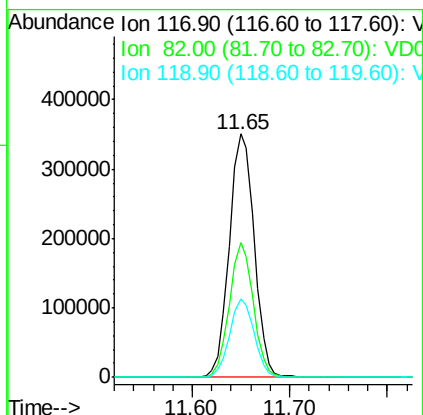
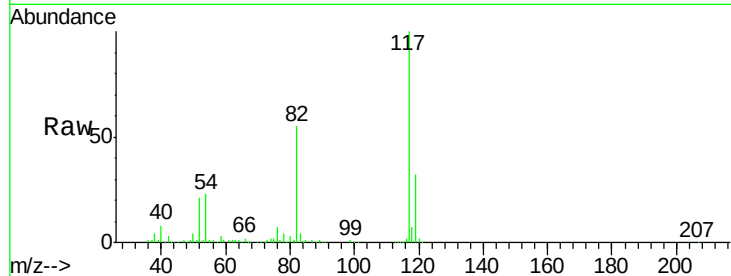




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064880.D
Acq: 20 Jan 2020 09:45

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

Tot Ion:117 Resp: 623262
Ion Ratio Lower Upper
117 100
82 55.2 42.2 63.4
119 32.3 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: VD064880.D
Acq: 20 Jan 2020 09:45

Tgt Ion:152 Resp: 285138
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 158.1 0.0 351.4

