

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067646.D
 Acq On : 16 Nov 2020 17:40
 Operator : VA/SY
 Sample : L4758-02
 Misc : 5.01G/5.01ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Nov 17 01:44:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

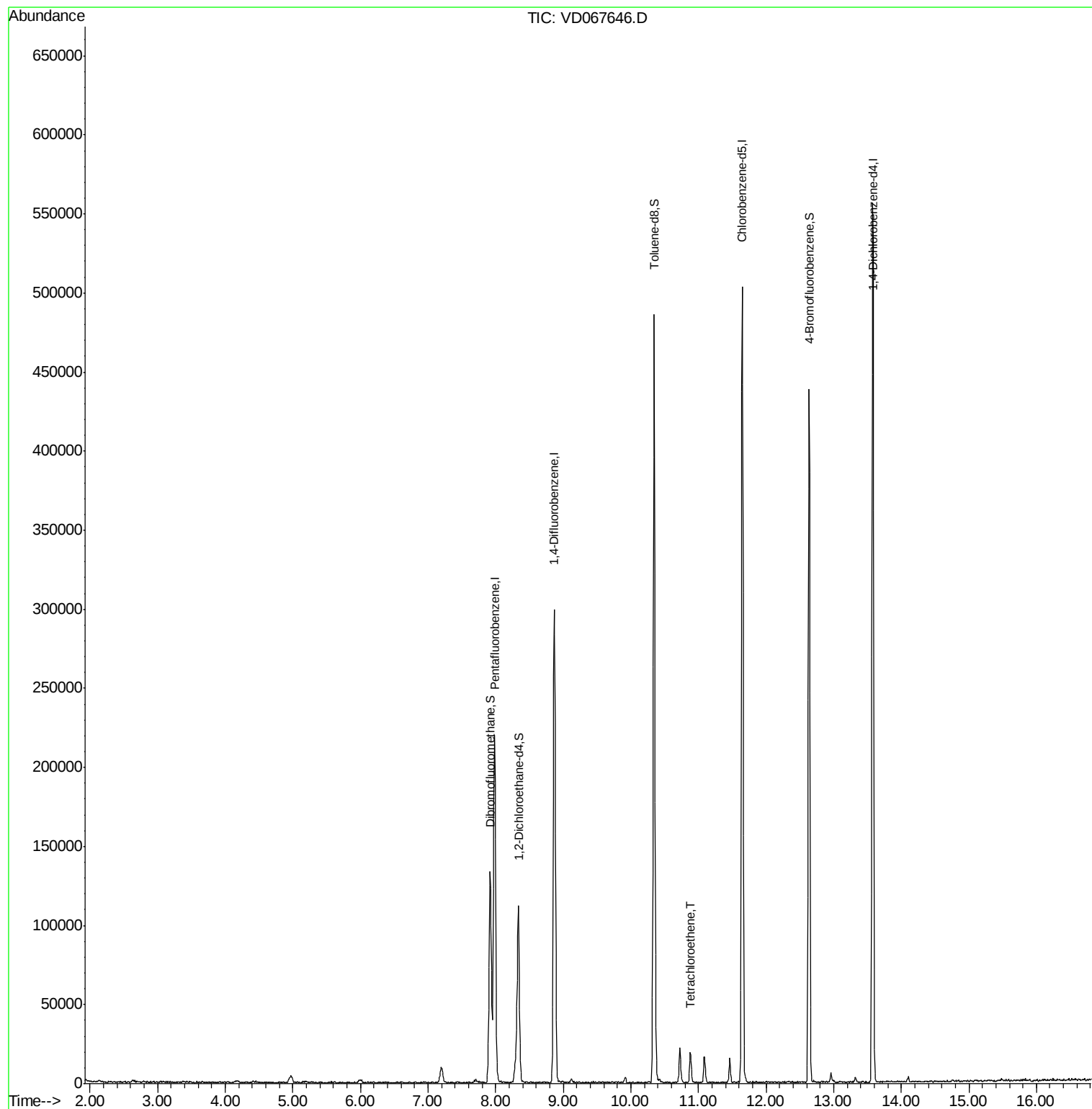
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	168098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	271636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	304535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	97735	66.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.98%	
35) Dibromofluoromethane	7.92	113	92783	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
50) Toluene-d8	10.34	98	326069	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
62) 4-Bromofluorobenzene	12.64	95	133394	67.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.36%	
Target Compounds						
64) Tetrachloroethene	10.88	164	4717	2.091	ug/l #	Qvalue 84

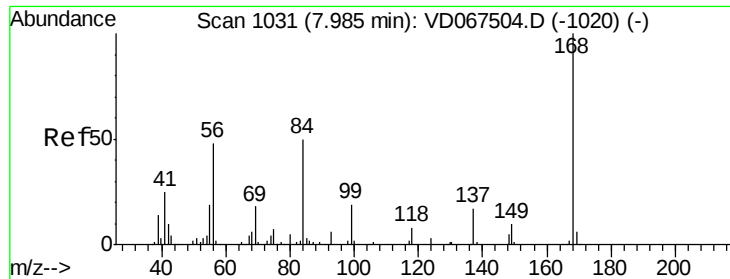
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067646.D

Acq: 16 Nov 2020 17:40

Instrument :

MSVOA_D

ClientSampleId :

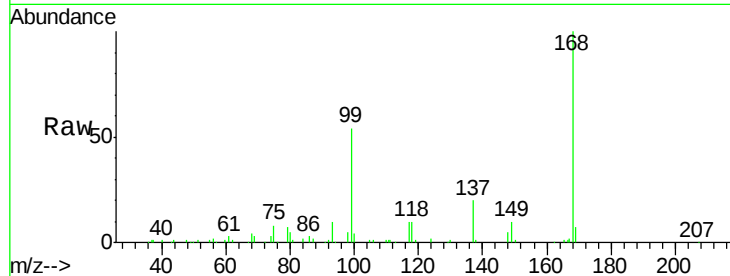
VOC

Tot Ion:168 Resp: 168098

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

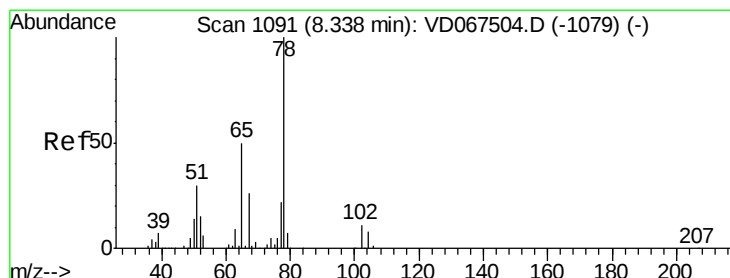
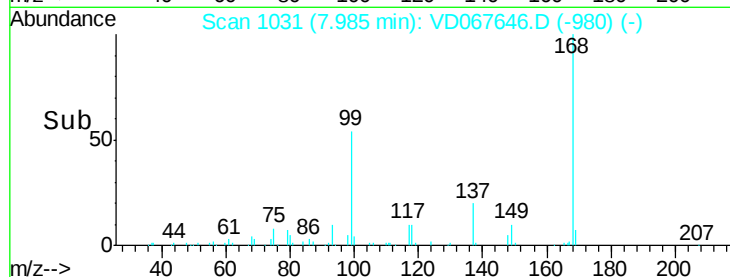
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 66.494 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067646.D

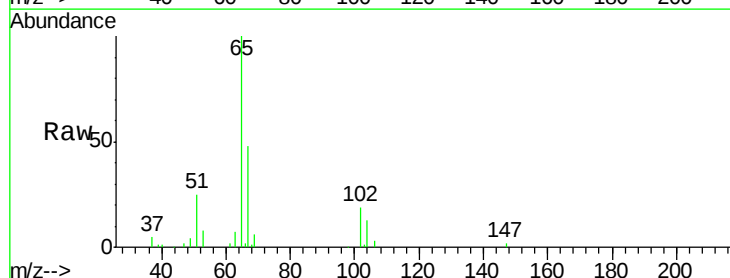
Acq: 16 Nov 2020 17:40

Tgt Ion: 65 Resp: 97735

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

50000

40000

30000

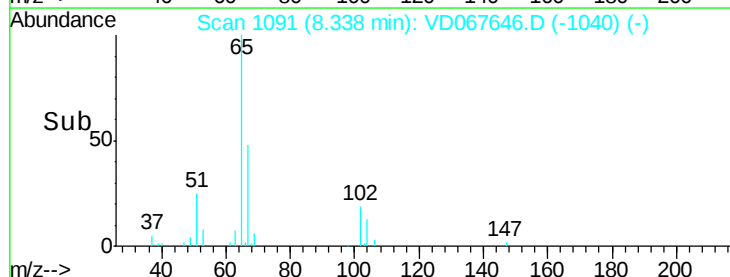
20000

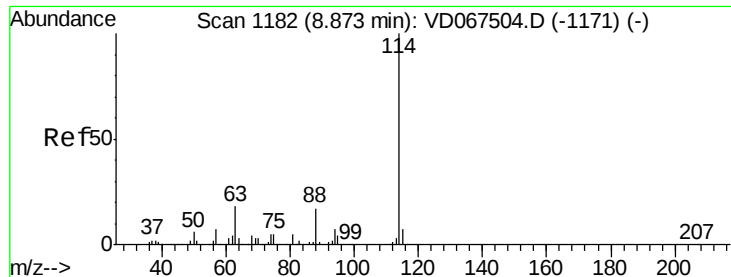
10000

0

8.30 8.40

Time-->

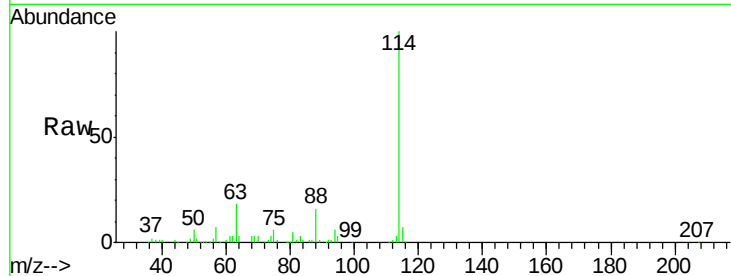




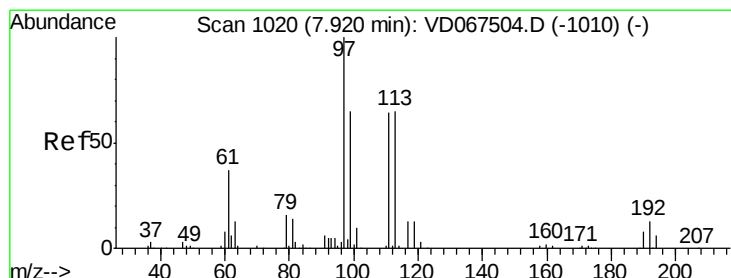
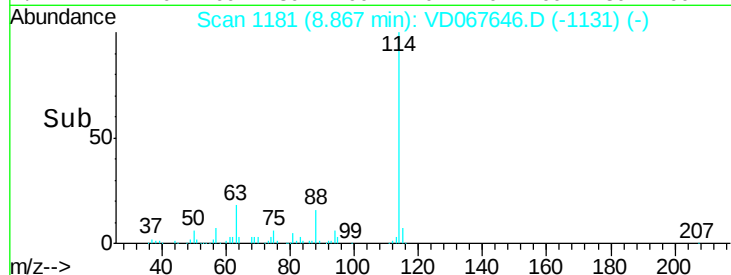
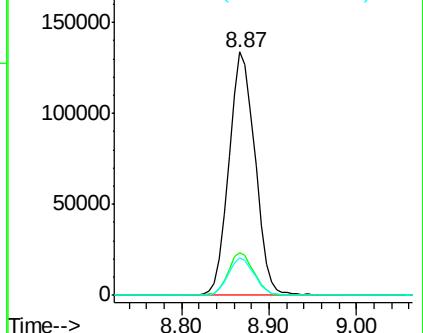
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067646.D
Acq: 16 Nov 2020 17:40

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tot Ion:114 Resp: 271636
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.0
88 15.5 0.0 33.0

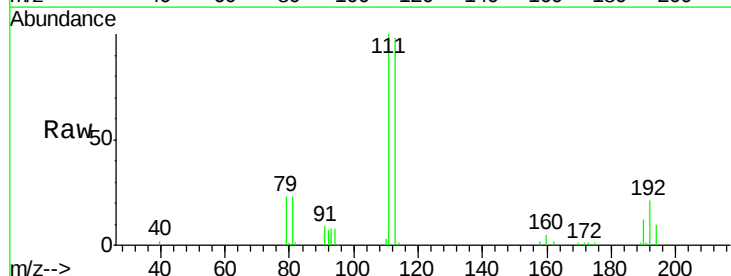


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

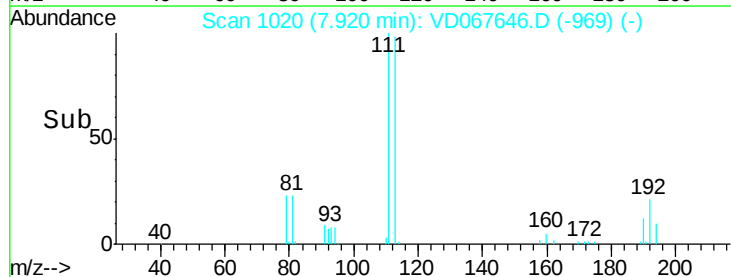
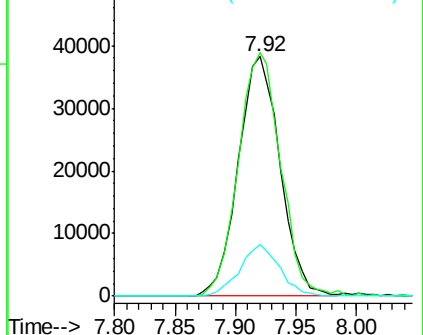


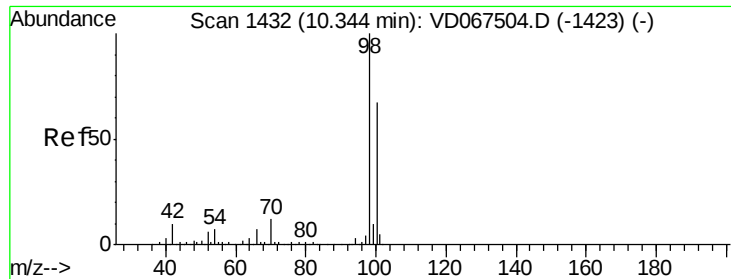
#35
Dibromofluoromethane
Concen: 56.693 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067646.D
Acq: 16 Nov 2020 17:40

Tgt Ion:113 Resp: 92783
Ion Ratio Lower Upper
113 100
111 102.4 80.0 120.0
192 20.3 16.3 24.5



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: 56.694 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067646.D

Acq: 16 Nov 2020 17:40

Instrument :

MSVOA_D

ClientSampleId :

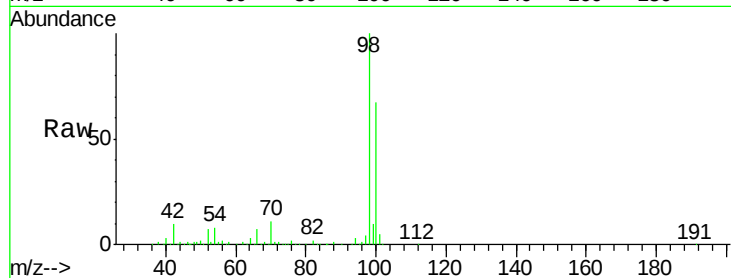
VOC

Tot Ion: 98 Resp: 326069

Ion Ratio Lower Upper

98 100

100 67.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VD

Ion 100.00 (99.70 to 100.70): VD

10.34

200000

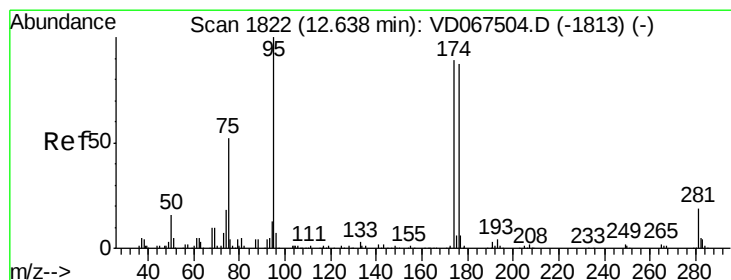
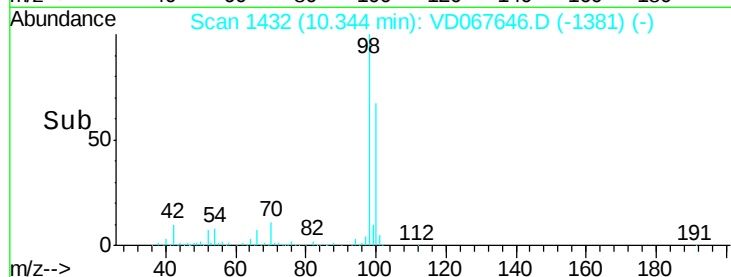
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 67.179 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067646.D

Acq: 16 Nov 2020 17:40

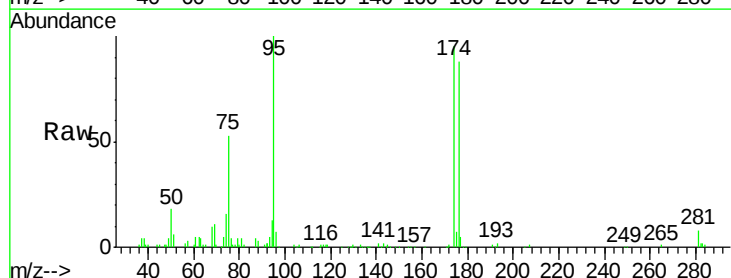
Tgt Ion: 95 Resp: 133394

Ion Ratio Lower Upper

95 100

174 92.4 0.0 177.8

176 88.8 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

100000

80000

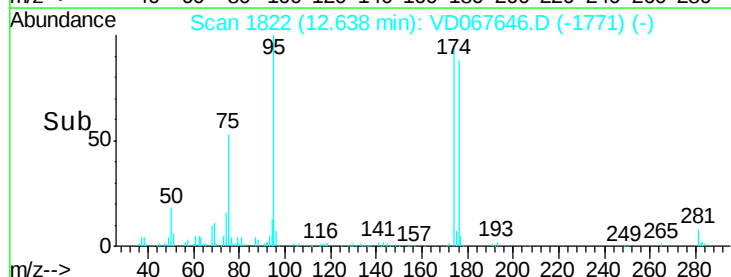
60000

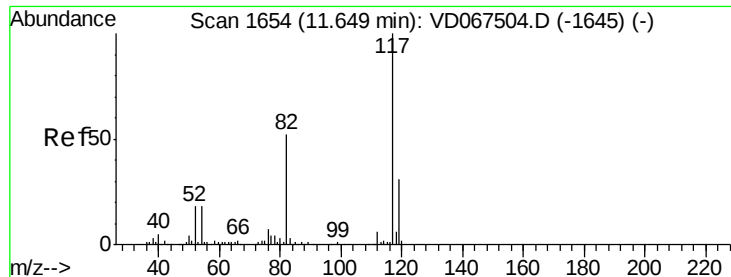
40000

20000

0

Time-->

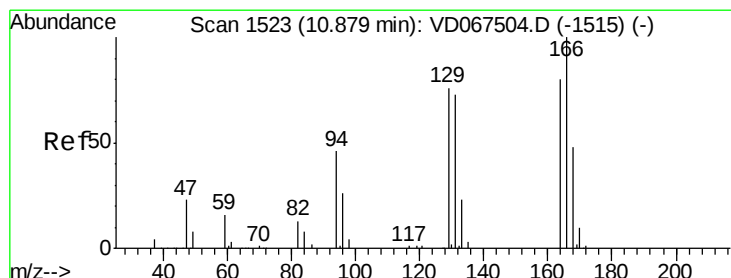
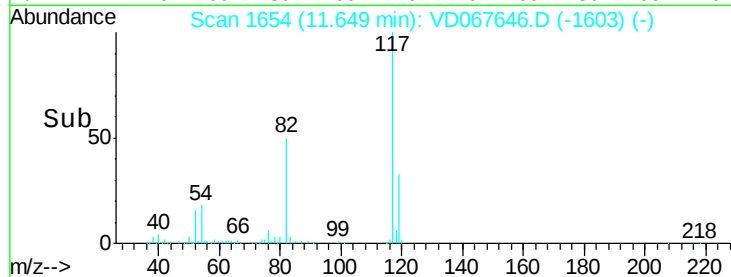
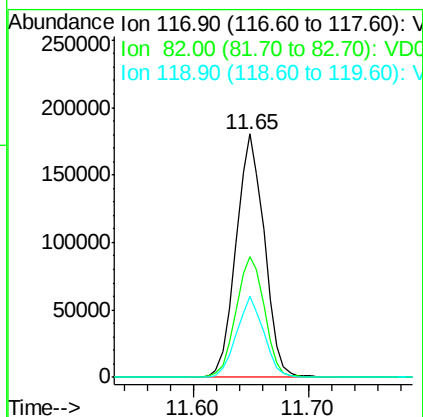
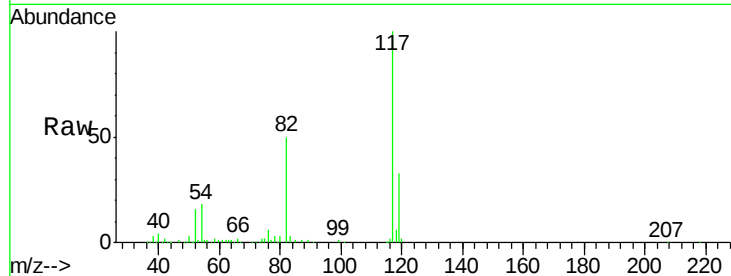




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067646.D
Acq: 16 Nov 2020 17:40

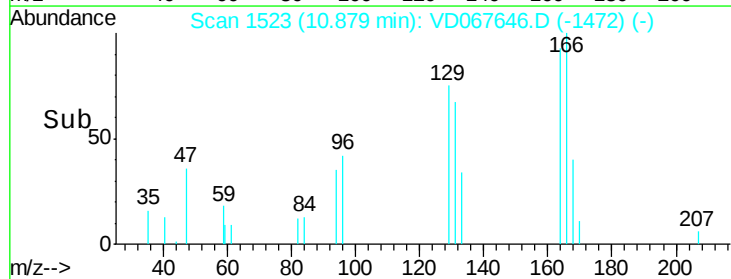
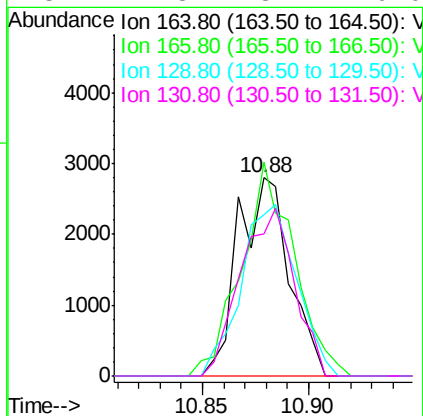
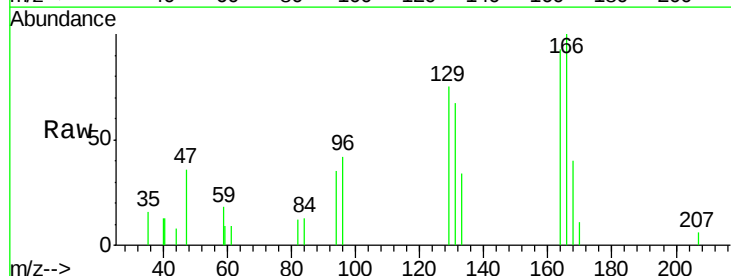
Instrument :
MSVOA_D
ClientSampled :
VOC

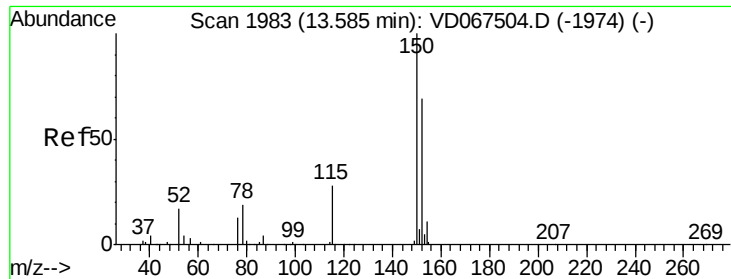
Tot Ion:117 Resp: 304535
Ion Ratio Lower Upper
117 100
82 49.6 41.6 62.4
119 33.1 25.1 37.7



#64
Tetrachloroethene
Concen: 2.091 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067646.D
Acq: 16 Nov 2020 17:40

Tgt Ion:164 Resp: 4717
Ion Ratio Lower Upper
164 100
166 107.9 99.9 149.9
129 81.4 75.5 113.3
131 71.8 73.4 110.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD067646.D

Acq: 16 Nov 2020 17:40

Instrument :

MSVOA_D

ClientSampleId :

VOC

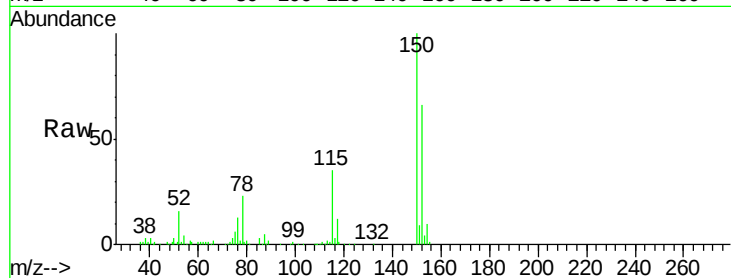
Tot Ion:152 Resp: 161139

Ion Ratio Lower Upper

152 100

115 57.1 29.3 88.0

150 155.6 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

