

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067229.D
 Acq On : 12 Oct 2020 13:03
 Operator : VA/SY
 Sample : L4225-05
 Misc : 7.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-100920

Quant Time: Oct 13 00:32:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	398988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	634244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	581726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269021	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189739	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.91	113	203487	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.34	98	726039	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.64	95	244899	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

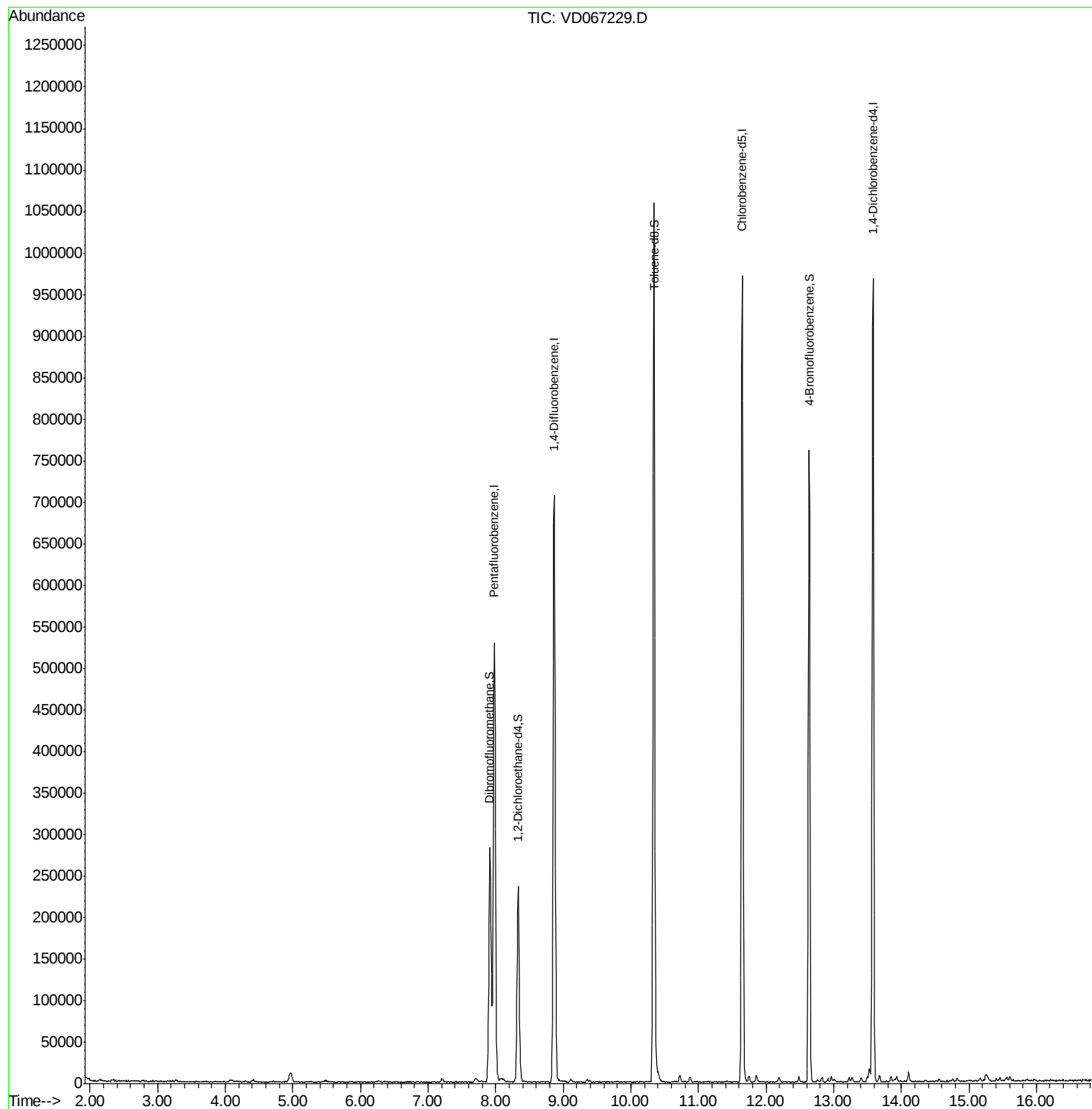
Target Compounds	Qvalue

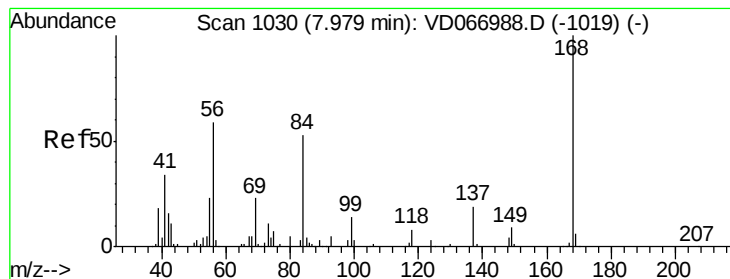
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

Instrument :

MSVOA_D

ClientSampleId :

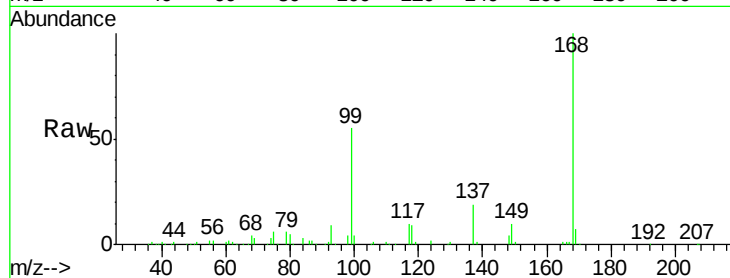
SU-01-100920

Tot Ion:168 Resp: 398988

Ion Ratio Lower Upper

168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

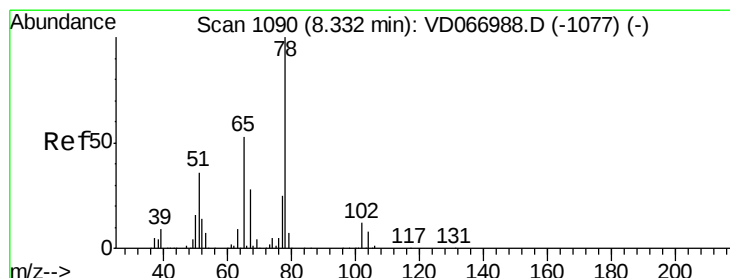
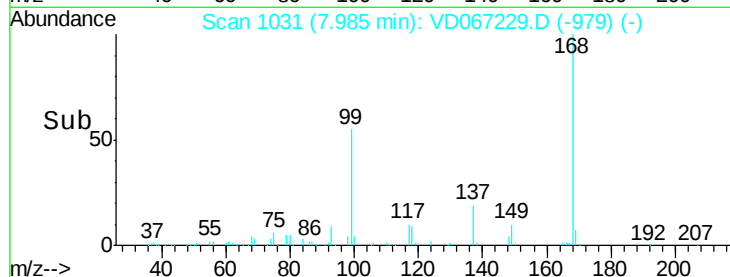
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.372 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067229.D

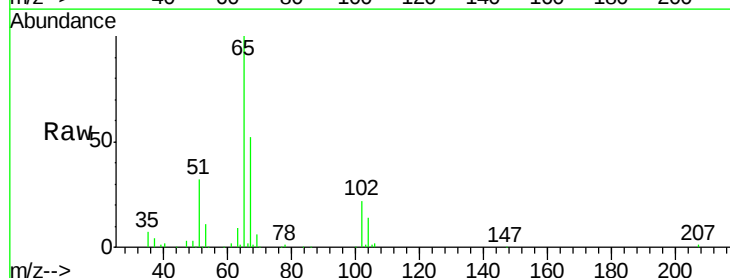
Acq: 12 Oct 2020 13:03

Tgt Ion: 65 Resp: 189739

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

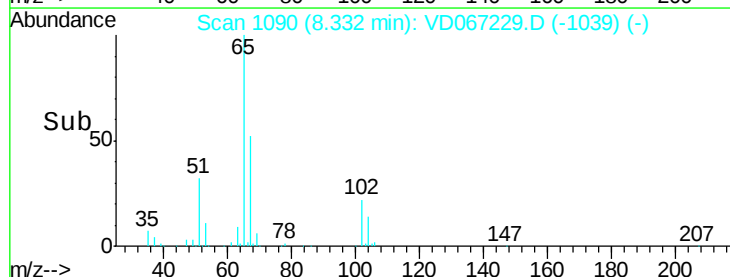
40000

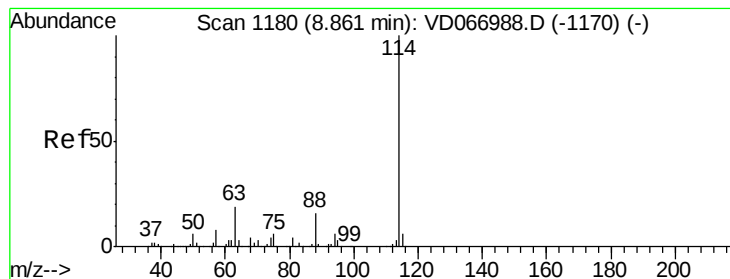
20000

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. 0.01 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

Instrument :

MSVOA_D

ClientSampleId :

SU-01-100920

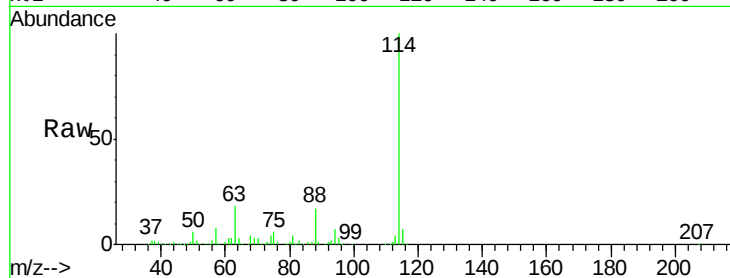
Tot Ion:114 Resp: 634244

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

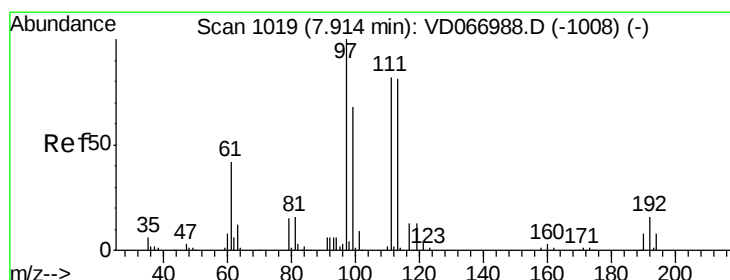
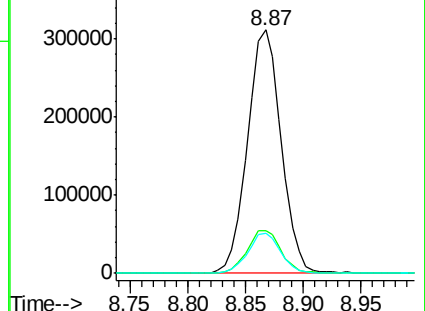
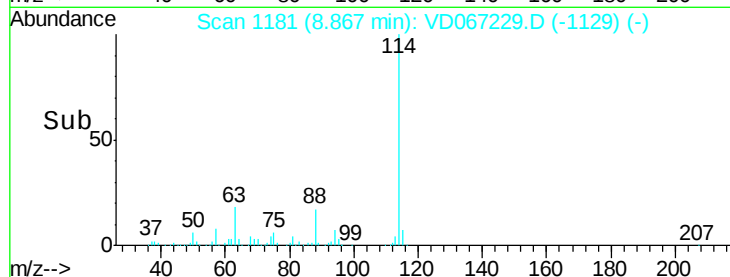
88 16.5 0.0 31.2



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: 49.006 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

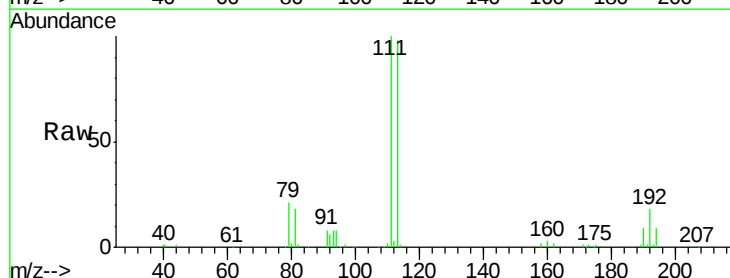
Tgt Ion:113 Resp: 203487

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

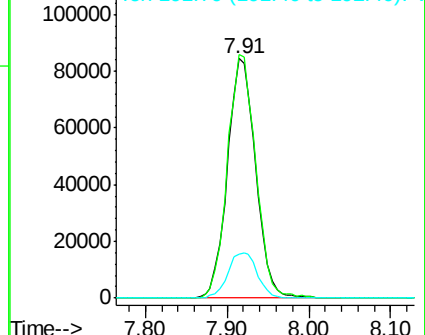
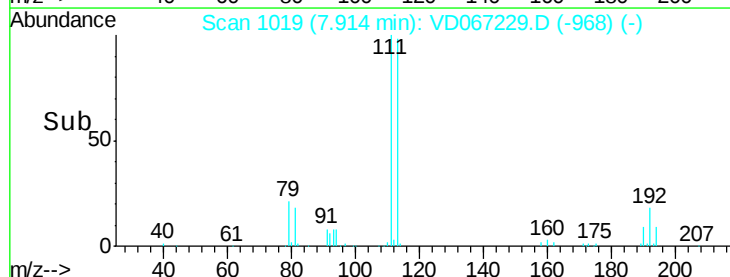
192 19.7 15.5 23.3

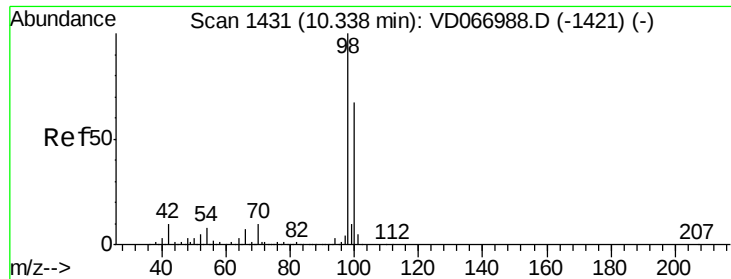


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.985 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

Instrument :

MSVOA_D

ClientSampleId :

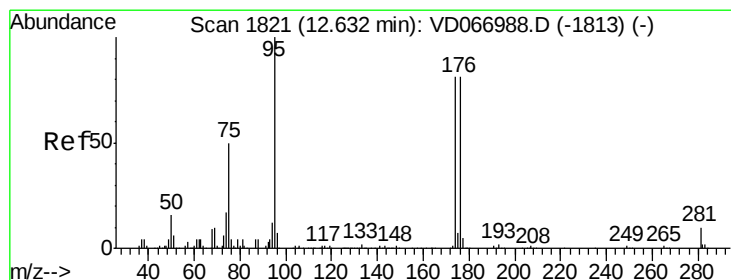
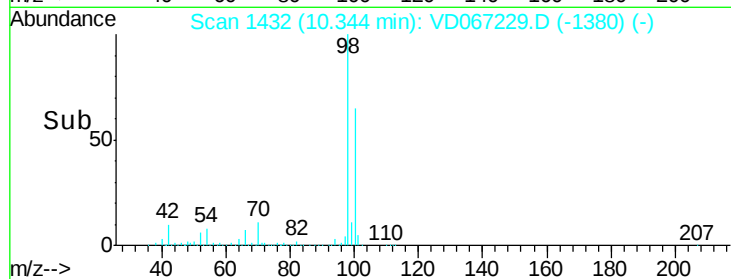
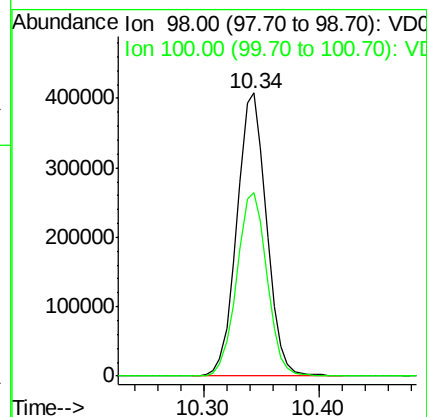
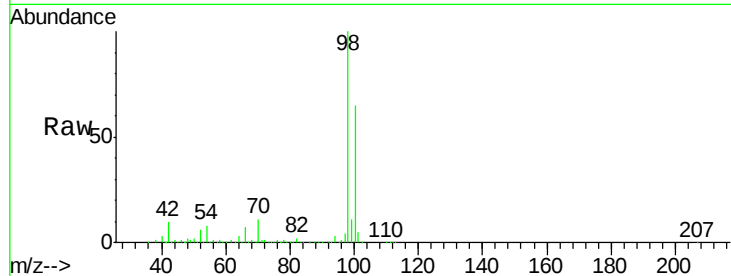
SU-01-100920

Tot Ion: 98 Resp: 726039

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 47.679 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

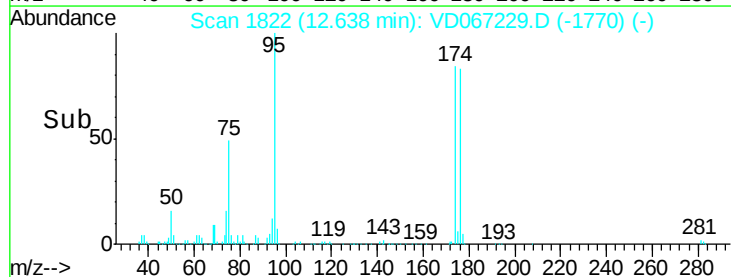
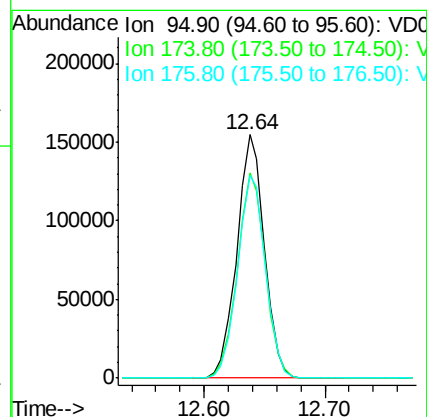
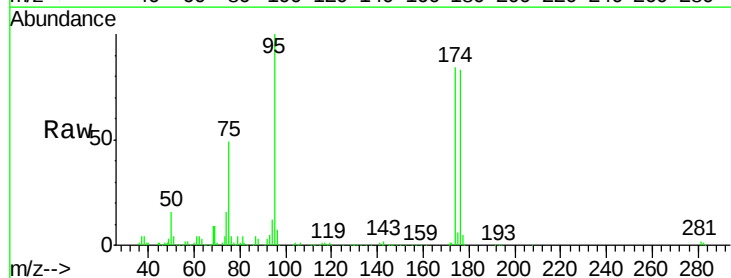
Tgt Ion: 95 Resp: 244899

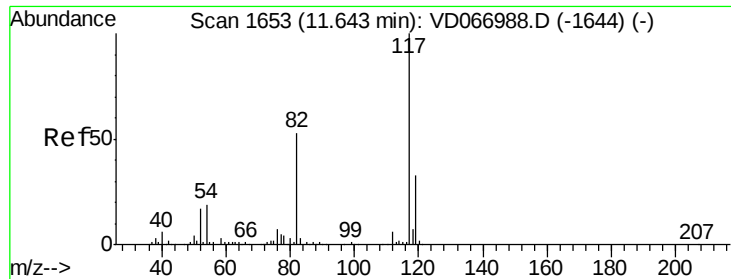
Ion Ratio Lower Upper

95 100

174 85.8 0.0 167.6

176 84.8 0.0 162.4

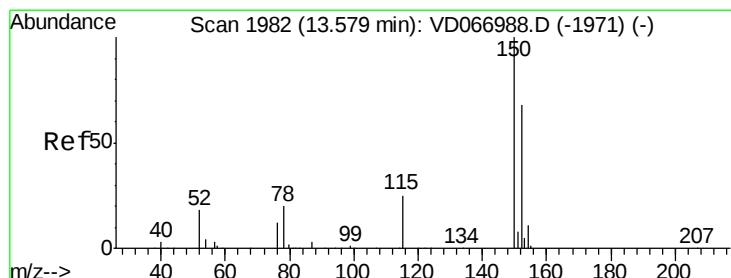
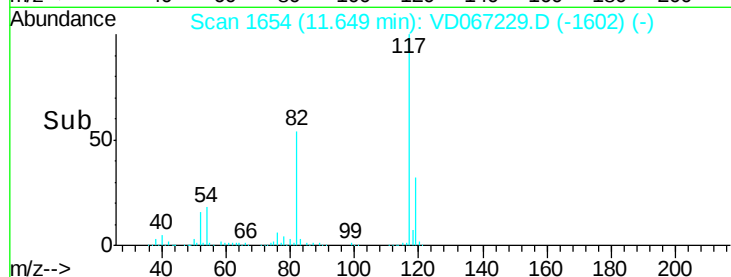
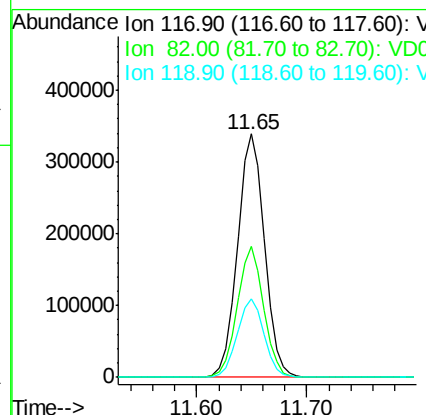
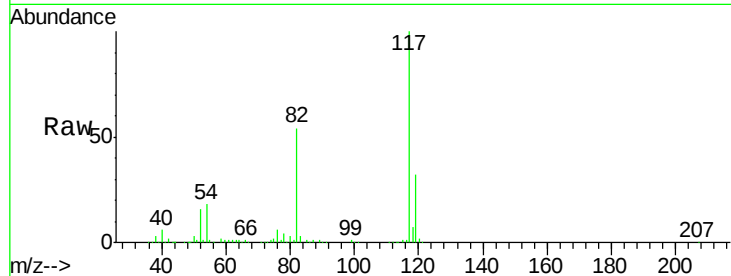




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067229.D
Acq: 12 Oct 2020 13:03

Instrument :
MSVOA_D
ClientSampleId :
SU-01-100920

Tot Ion:117 Resp: 581726
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067229.D
Acq: 12 Oct 2020 13:03

Tgt Ion:152 Resp: 269021
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.8
150 159.9 0.0 344.8

