

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067226.D
 Acq On : 12 Oct 2020 11:33
 Operator : VA/SY
 Sample : VD1012SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBL01

Quant Time: Oct 13 00:26:40 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	470841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	752636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	688470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	332200	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	227017	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.91	113	236052	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	10.34	98	844560	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	12.64	95	303396	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

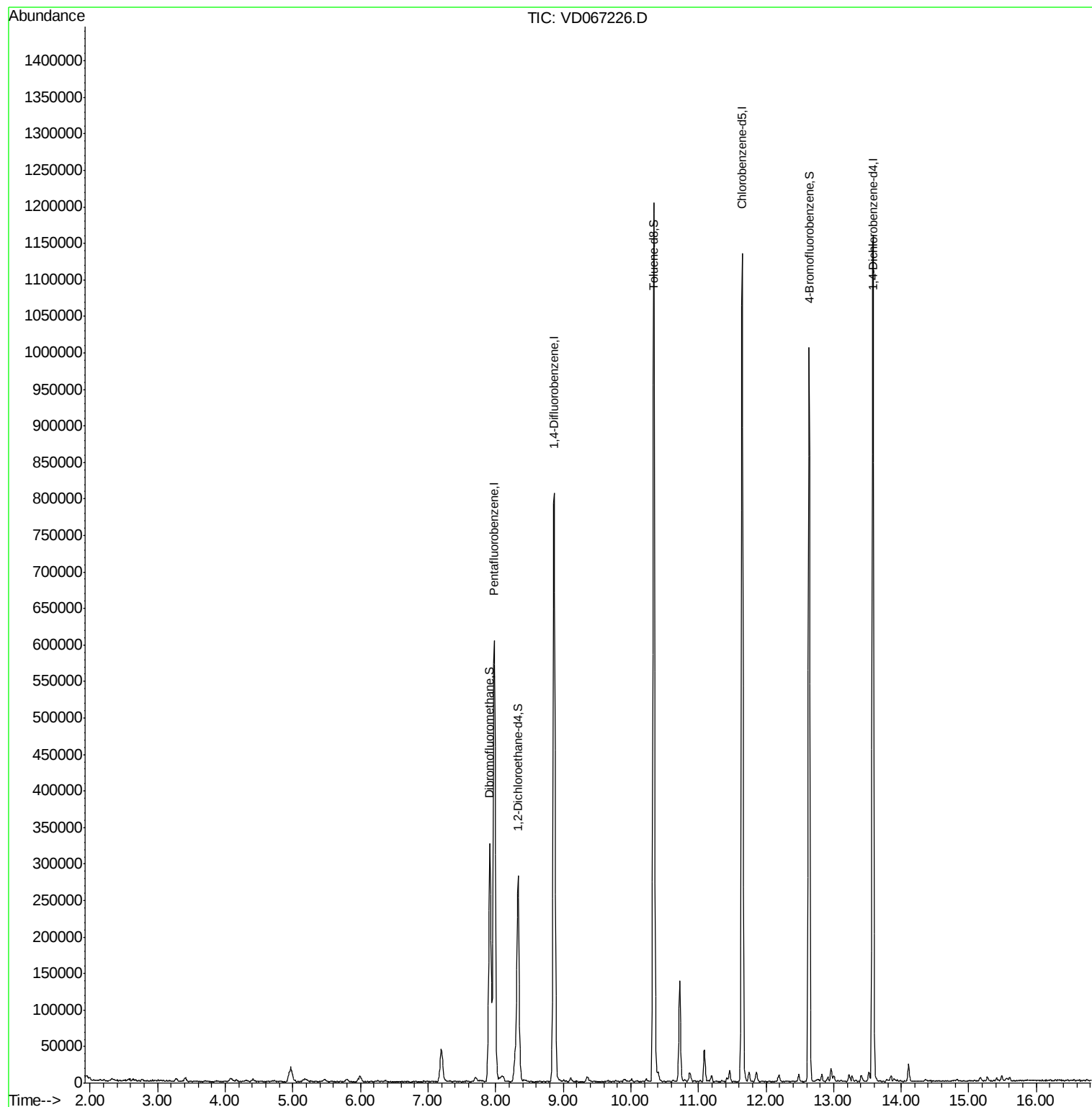
Target Compounds	Qvalue
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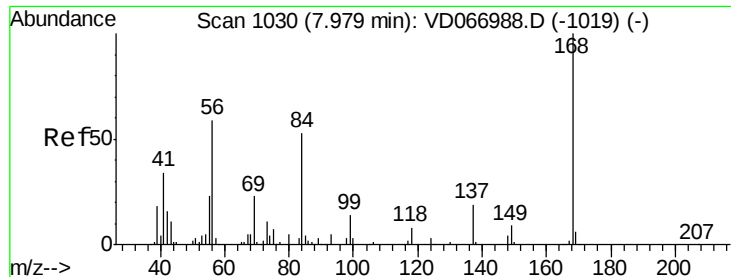
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067226.D

Acq: 12 Oct 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

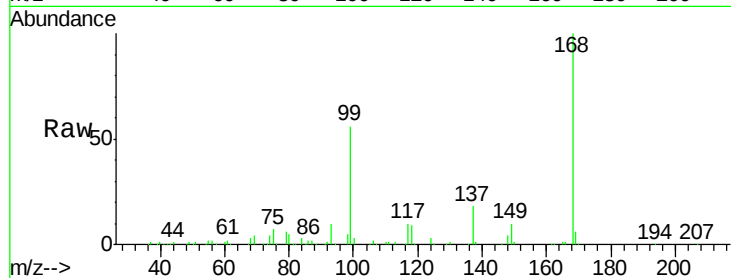
VD1012SBL01

Tot Ion:168 Resp: 470841

Ion Ratio Lower Upper

168 100

99 55.5 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

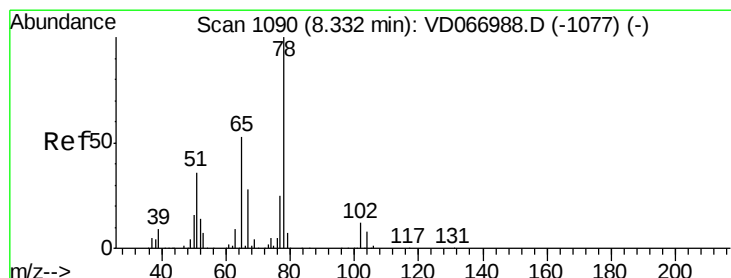
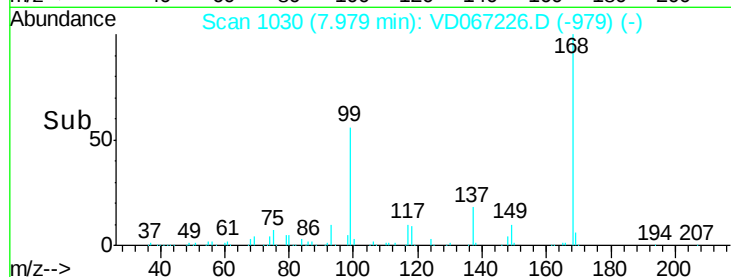
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 50.058 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067226.D

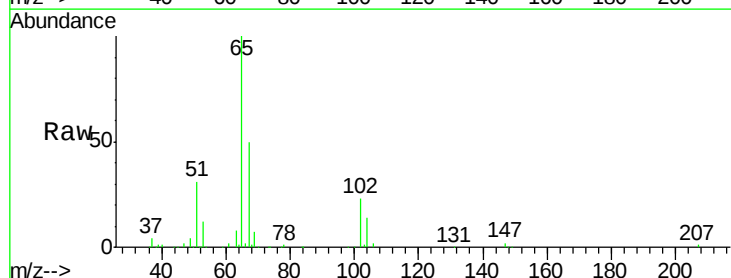
Acq: 12 Oct 2020 11:33

Tgt Ion: 65 Resp: 227017

Ion Ratio Lower Upper

65 100

67 51.7 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

120000

100000

80000

60000

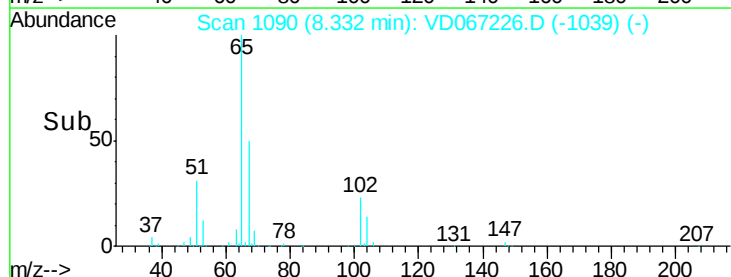
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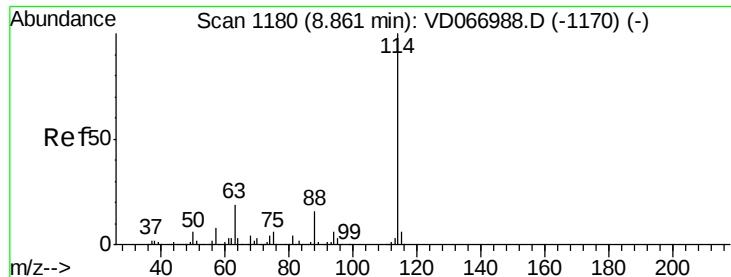
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0

Time-->

8.20 8.30 8.40

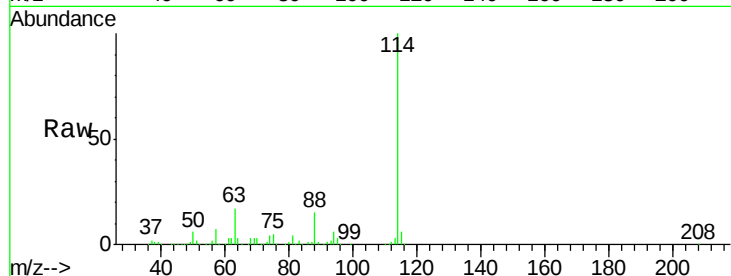




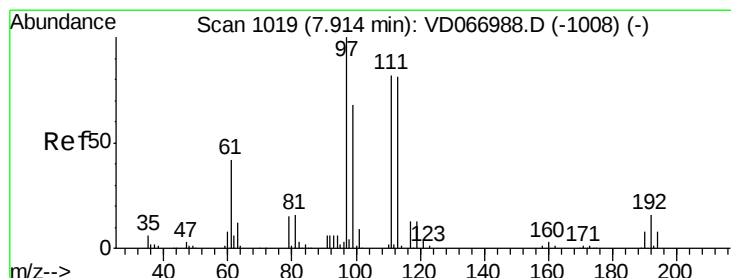
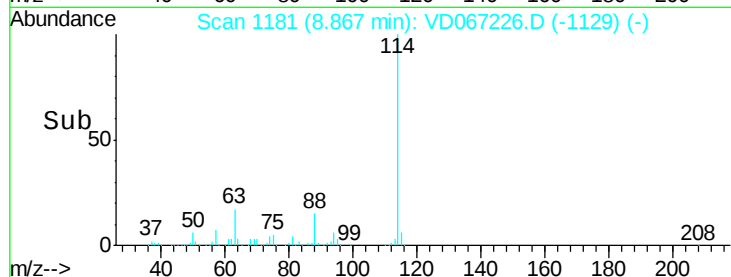
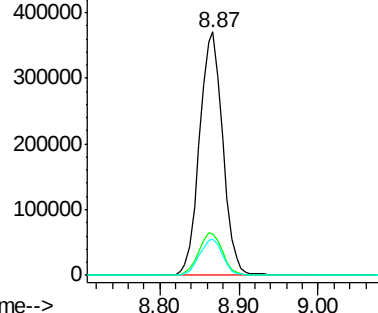
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067226.D
 Acq: 12 Oct 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	38.4
88	14.7	0.0	31.2

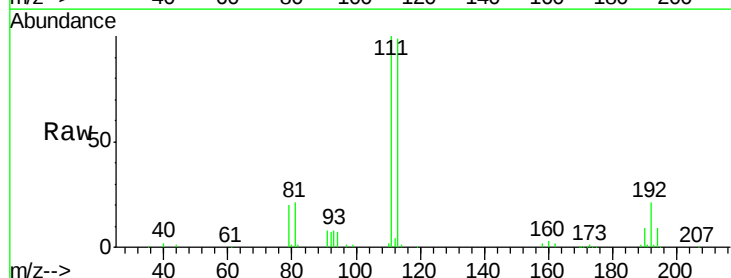


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

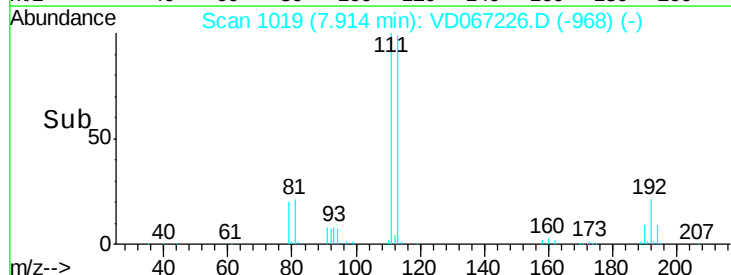
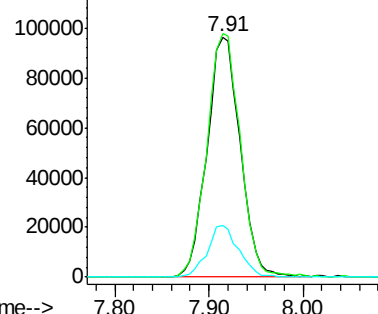


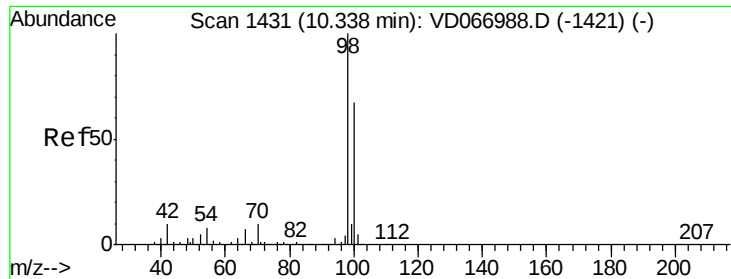
#35
 Dibromofluoromethane
 Concen: 47.906 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067226.D
 Acq: 12 Oct 2020 11:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.4
192	20.3	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: 47.038 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067226.D

Acq: 12 Oct 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

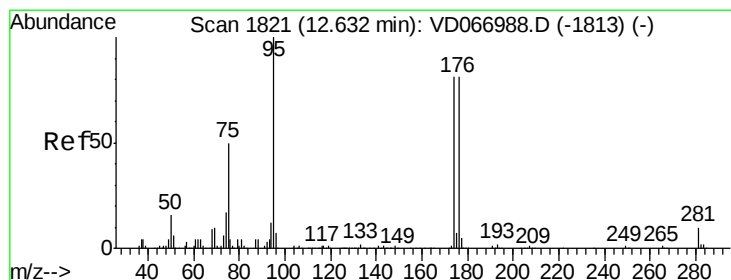
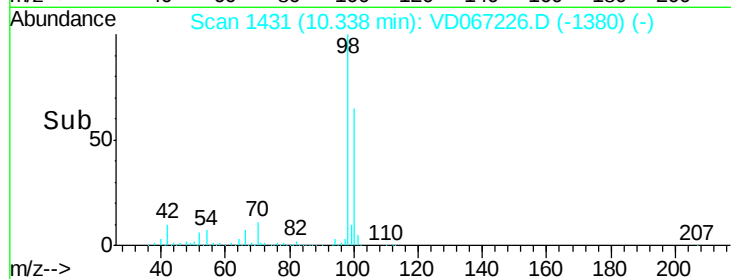
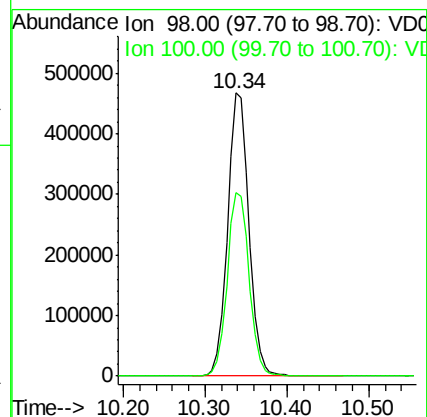
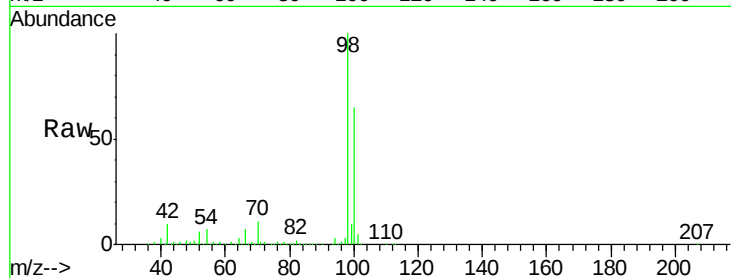
VD1012SBL01

Tot Ion: 98 Resp: 844560

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 49.776 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067226.D

Acq: 12 Oct 2020 11:33

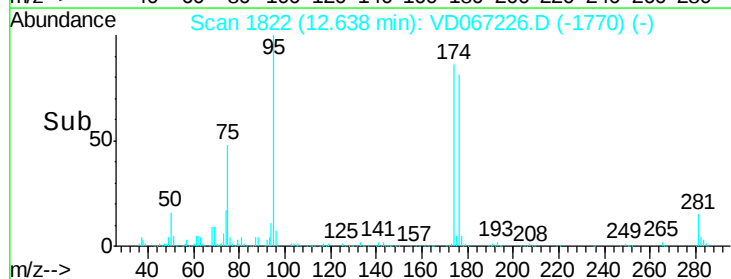
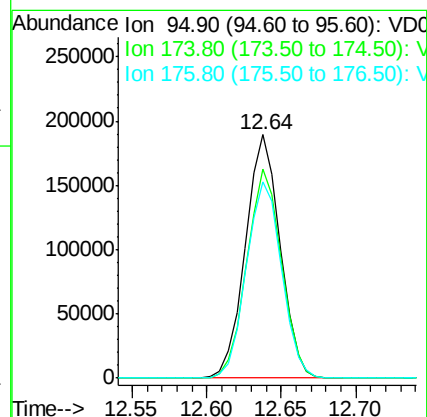
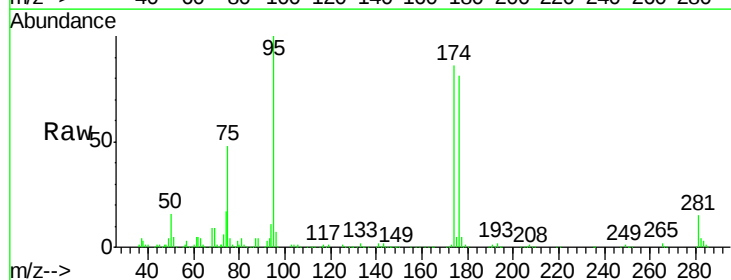
Tgt Ion: 95 Resp: 303396

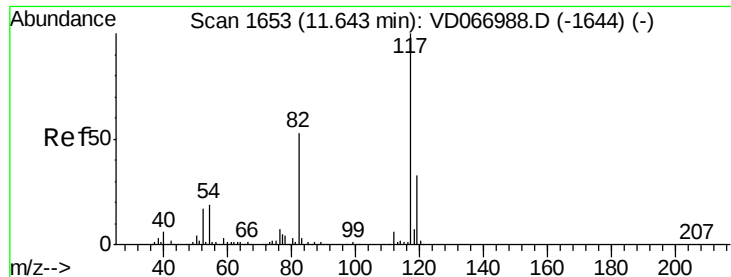
Ion Ratio Lower Upper

95 100

174 86.1 0.0 167.6

176 82.1 0.0 162.4

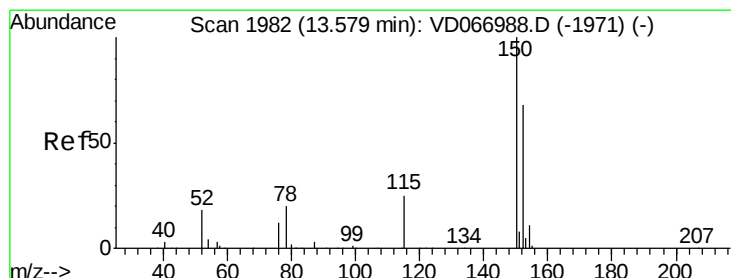
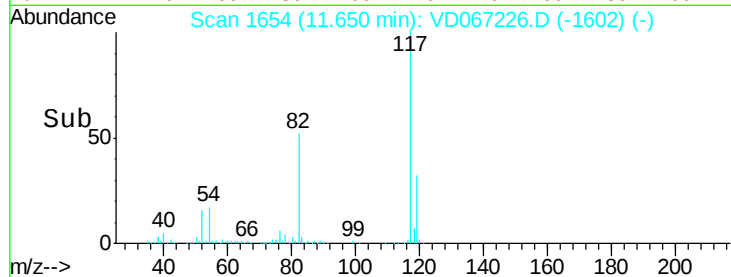
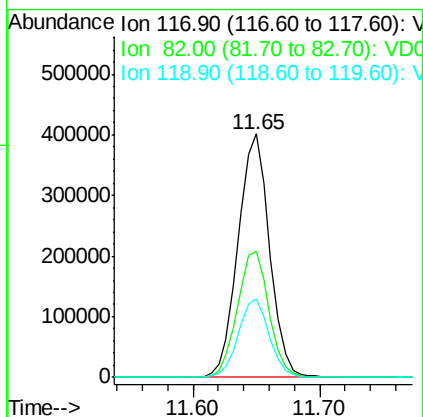
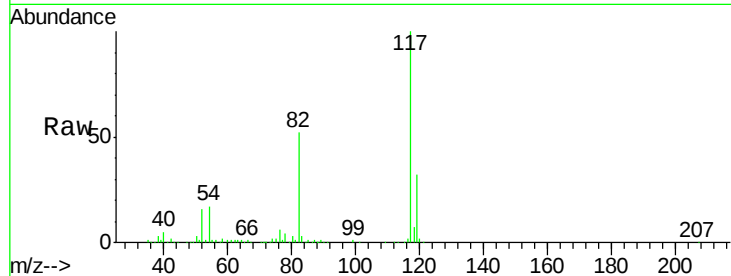




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067226.D
Acq: 12 Oct 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

Tot Ion:117 Resp: 688470
Ion Ratio Lower Upper
117 100
82 51.8 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: VD067226.D
Acq: 12 Oct 2020 11:33

Tgt Ion:152 Resp: 332200
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 154.8 0.0 344.8

