

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067240.D
 Acq On : 12 Oct 2020 18:38
 Operator : VA/SY
 Sample : L4369-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-1

Quant Time: Oct 13 00:57:47 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	7.99	168	321047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	520817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234061	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	165853	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	7.92	113	172077	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.34	98	628320	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.64	95	211784	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

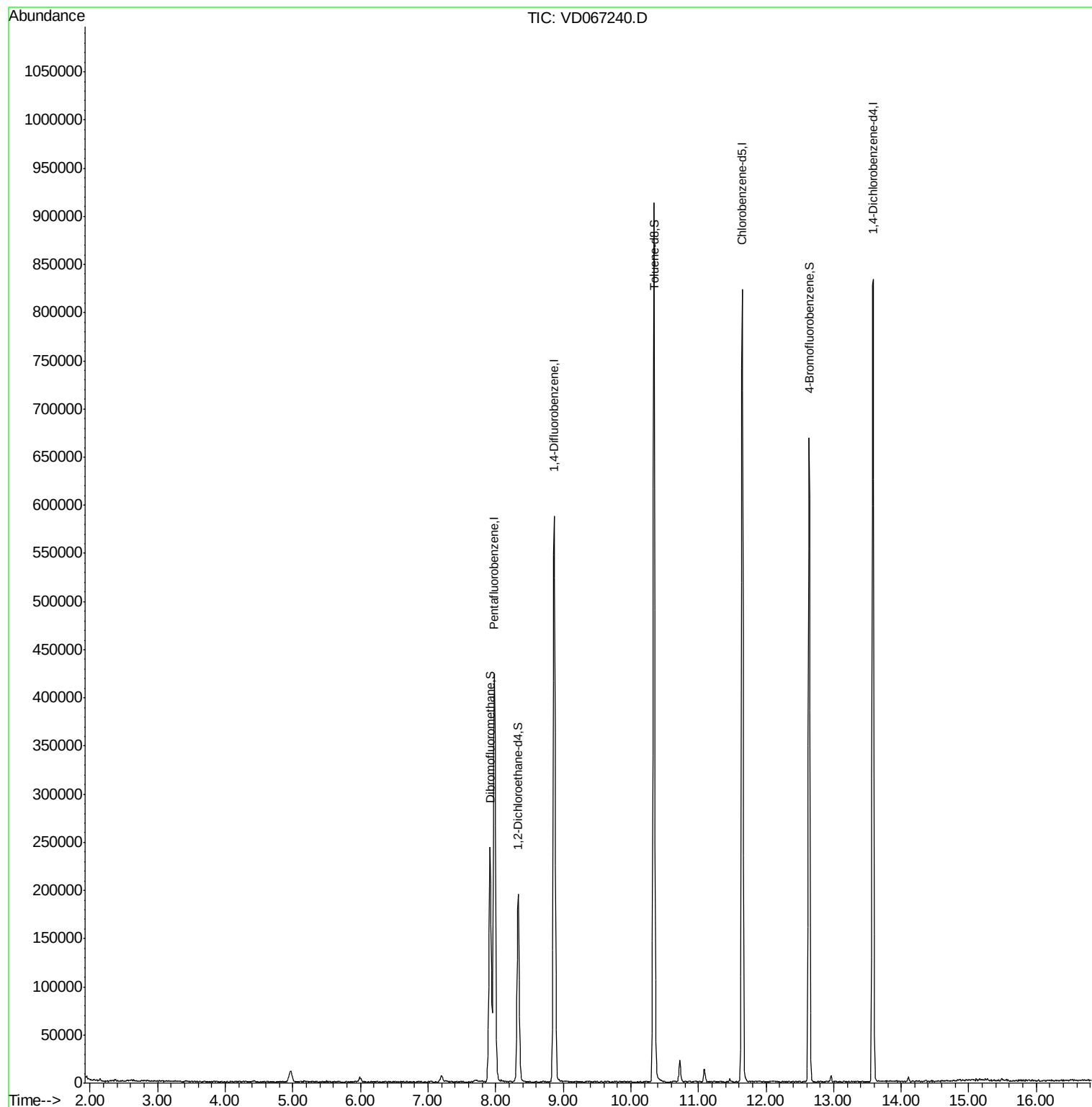
Target Compounds	Qvalue

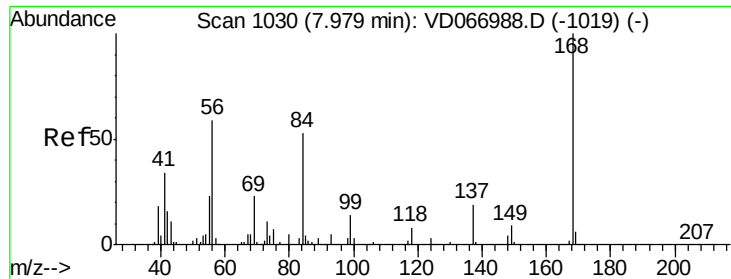
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067240.D

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Instrument :

MSVOA_D

ClientSampleId :

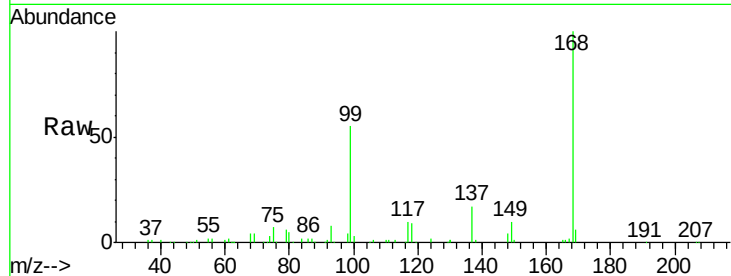
HD-1

Tot Ion:168 Resp: 321047

Ion Ratio Lower Upper

168 100

99 55.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

100000

50000

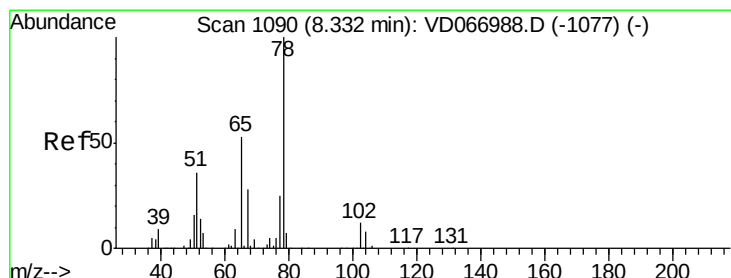
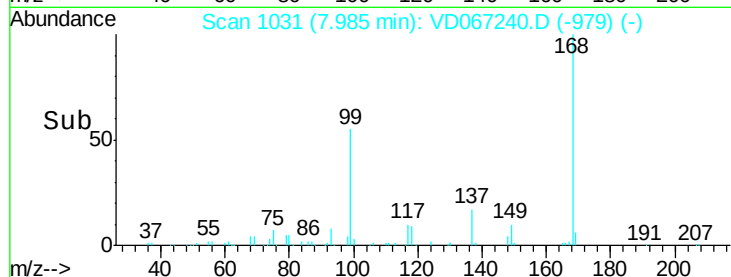
0

Time-->

7.90

8.00

8.10



#33

1,2-Dichloroethane-d4

Concen: 53.634 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067240.D

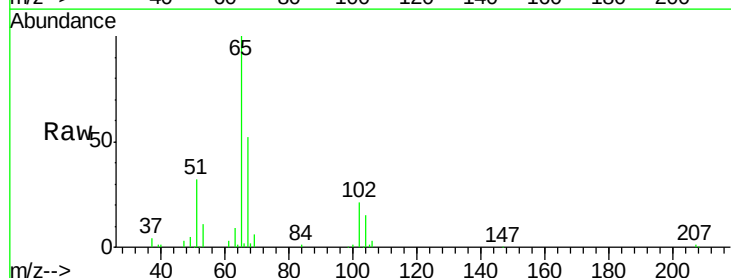
Acq: 12 Oct 2020 18:38

Tgt Ion: 65 Resp: 165853

Ion Ratio Lower Upper

65 100

67 49.3 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

80000

60000

40000

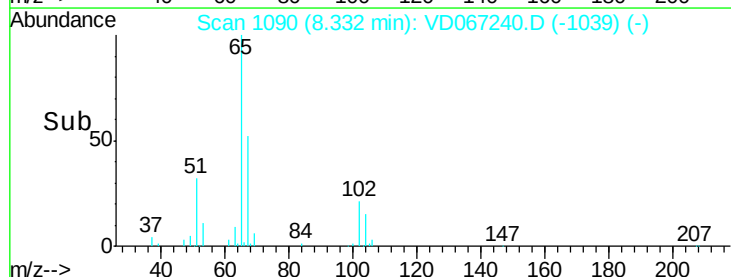
20000

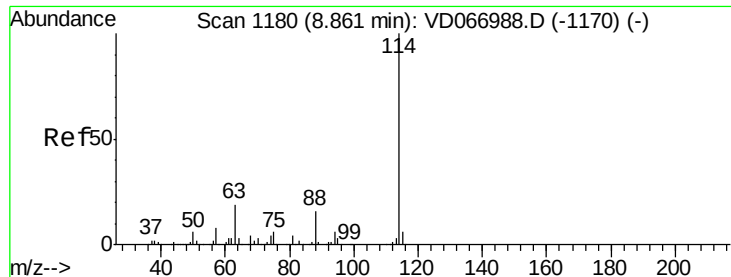
0

Time-->

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: VD067240.D

Acq: 12 Oct 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

HD-1

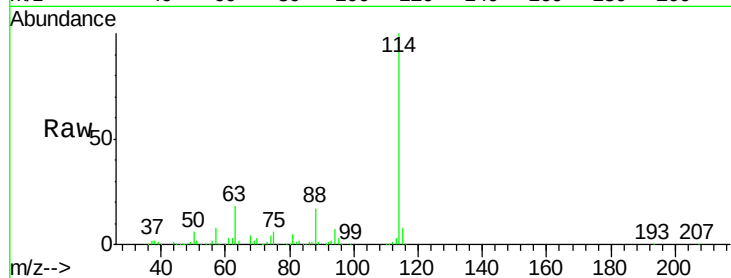
Tot Ion:114 Resp: 520817

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

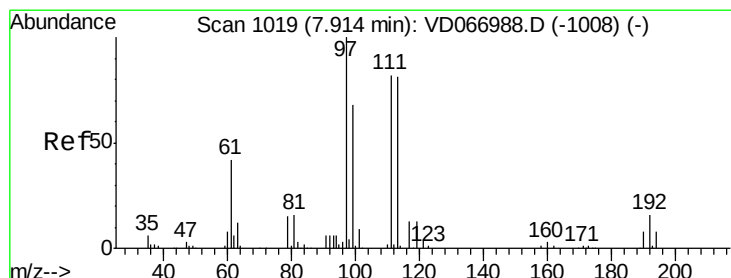
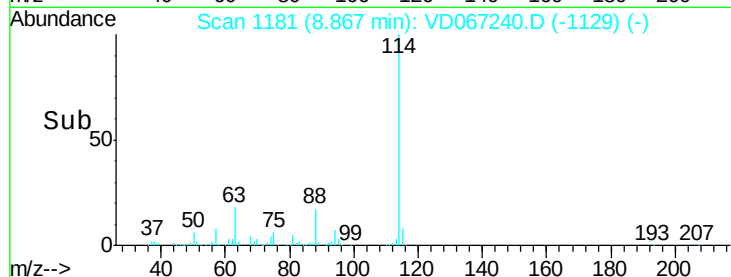
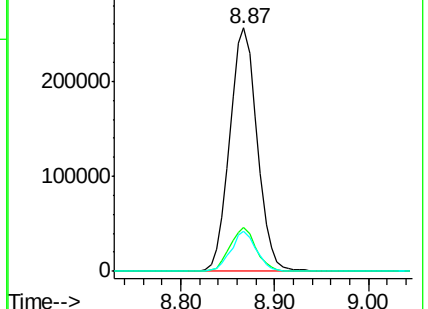
88 16.6 0.0 31.2



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: 50.467 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067240.D

Acq: 12 Oct 2020 18:38

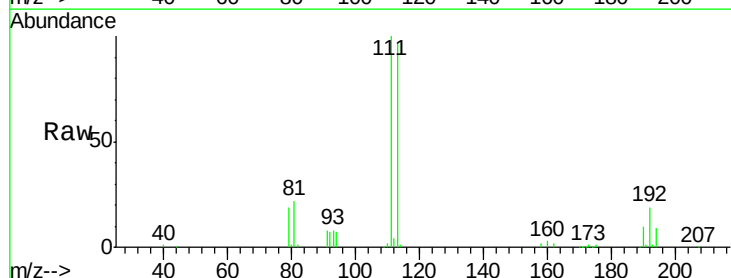
Tgt Ion:113 Resp: 172077

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

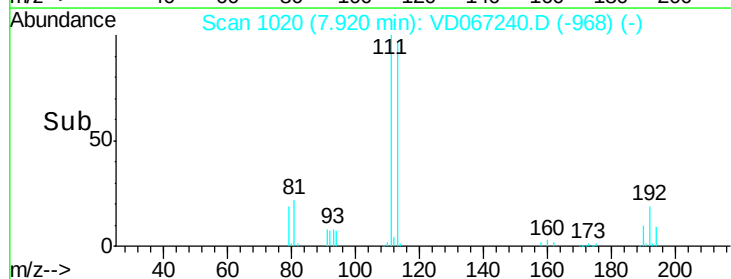
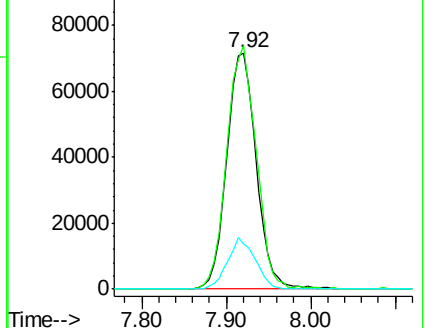
192 20.4 15.5 23.3

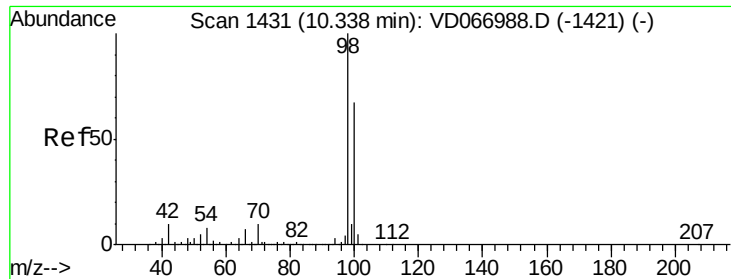


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.571 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067240.D

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Instrument :

MSVOA_D

ClientSampleId :

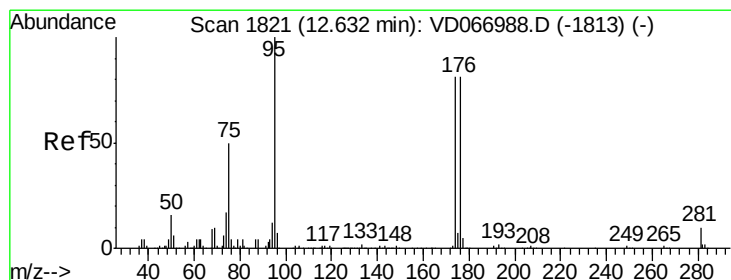
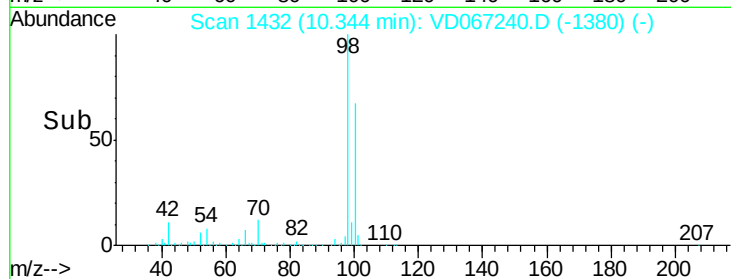
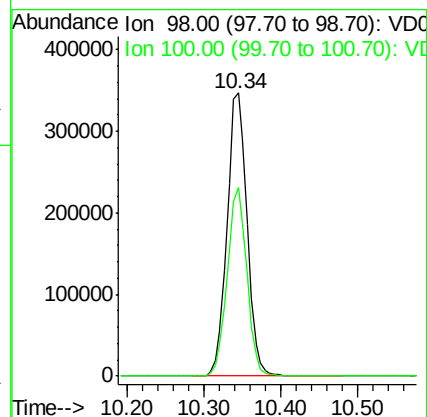
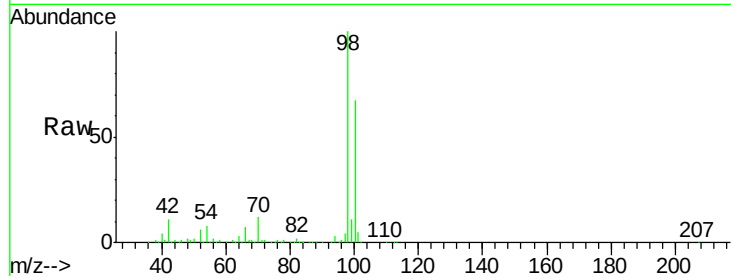
HD-1

Tot Ion: 98 Resp: 628320

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.212 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067240.D

Acq: 12 Oct 2020 18:38

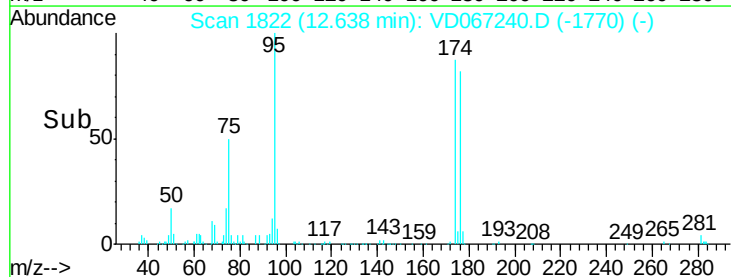
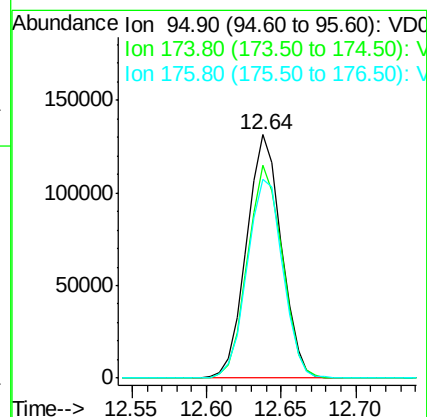
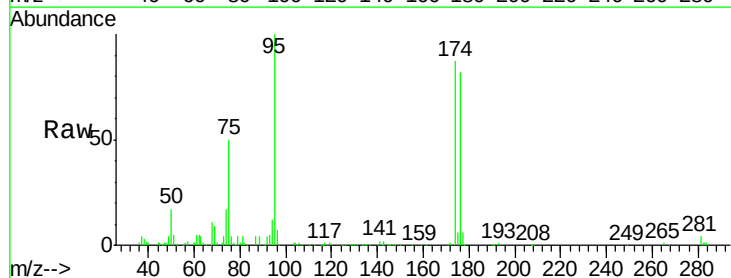
Tgt Ion: 95 Resp: 211784

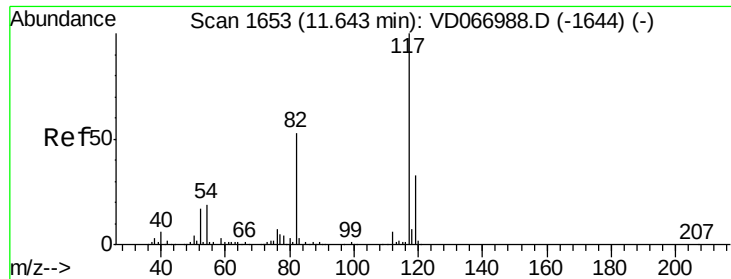
Ion Ratio Lower Upper

95 100

174 87.1 0.0 167.6

176 83.6 0.0 162.4

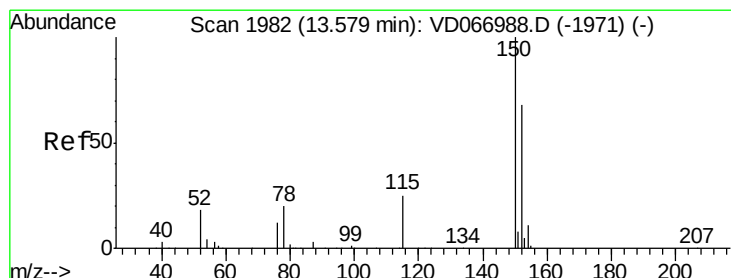
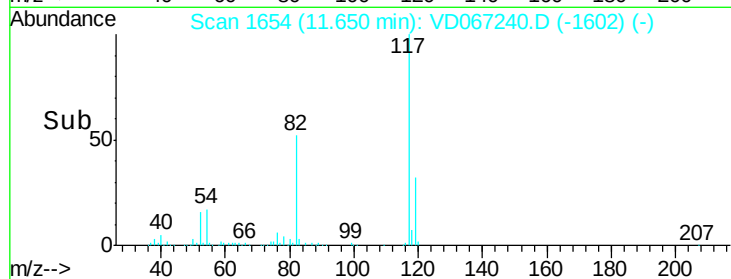
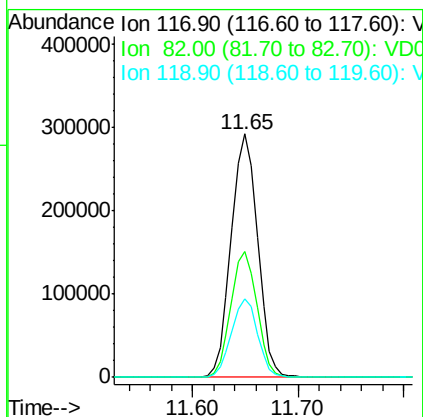
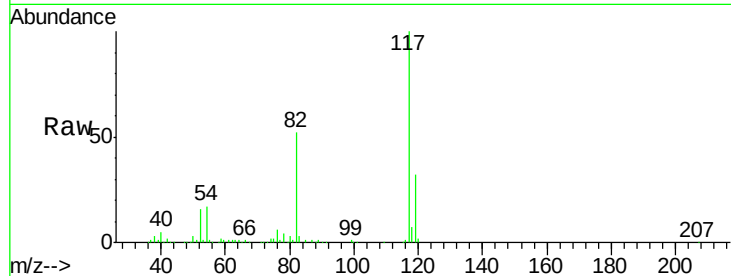




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067240.D
Acq: 12 Oct 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
HD-1

Tot Ion:117 Resp: 505762
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: VD067240.D
Acq: 12 Oct 2020 18:38

Tgt Ion:152 Resp: 234061
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 162.0 0.0 344.8

