

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067238.D
 Acq On : 12 Oct 2020 17:43
 Operator : VA/SY
 Sample : L4369-09
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-5

Quant Time: Oct 13 00:54:10 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	289732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	477728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	446538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	194291	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	160830	57.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.26%	
35) Dibromofluoromethane	7.91	113	162885	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.34	98	563179	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.64	95	184920	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

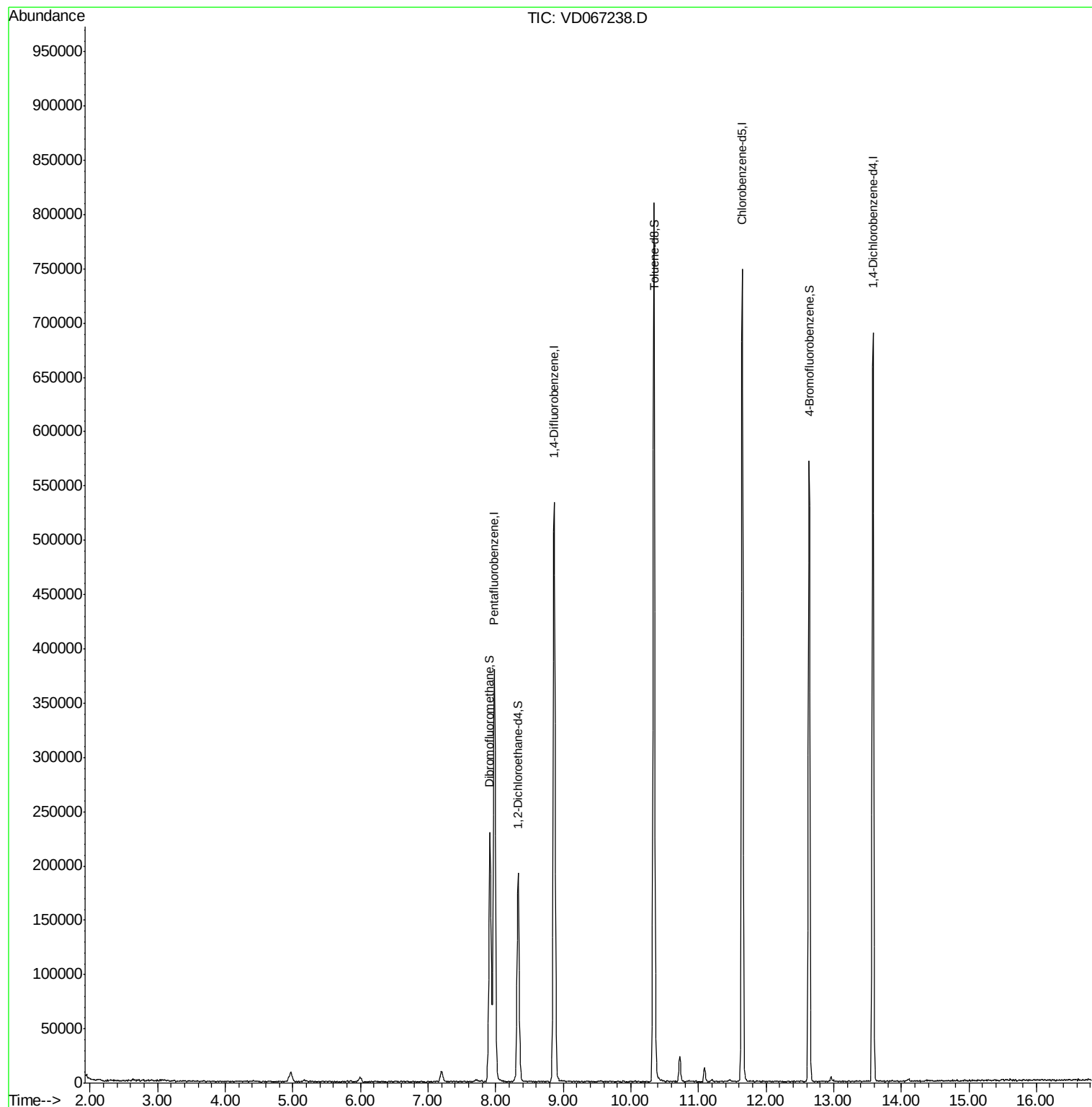
Target Compounds	Qvalue

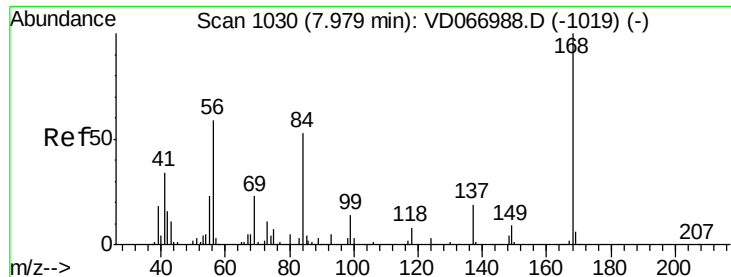
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067238.D

Acq: 12 Oct 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

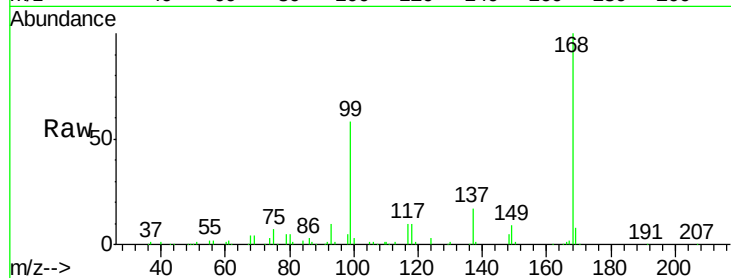
HD-5

Tot Ion:168 Resp: 289732

Ion Ratio Lower Upper

168 100

99 57.7 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

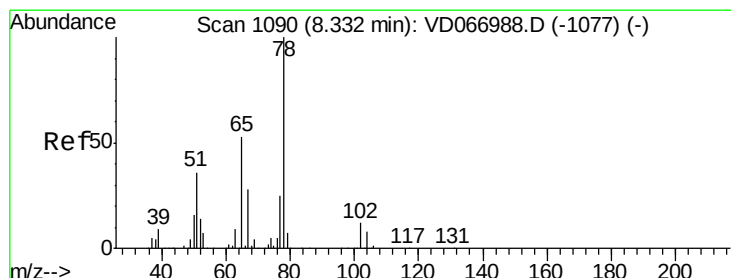
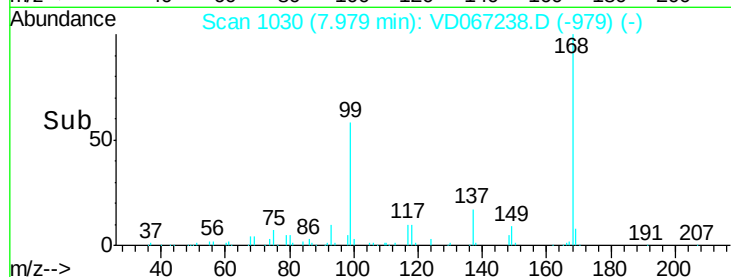
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 57.631 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067238.D

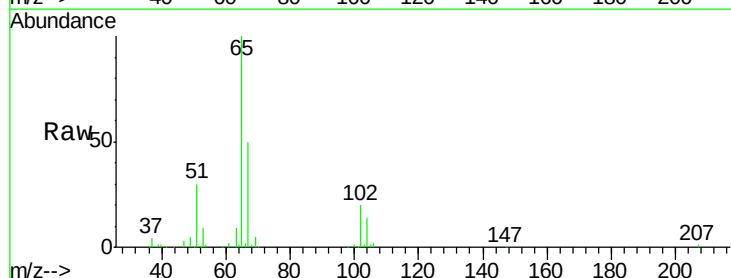
Acq: 12 Oct 2020 17:43

Tgt Ion: 65 Resp: 160830

Ion Ratio Lower Upper

65 100

67 50.0 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

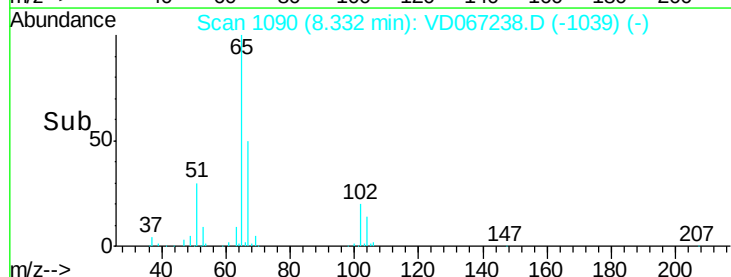
60000

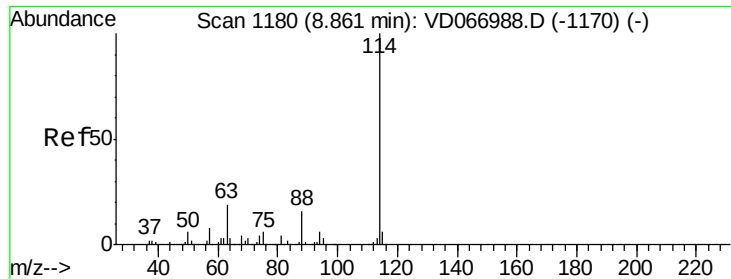
40000

20000

0

Time--> 8.20 8.30 8.40

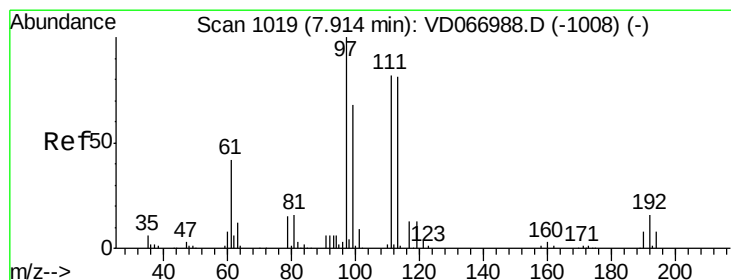
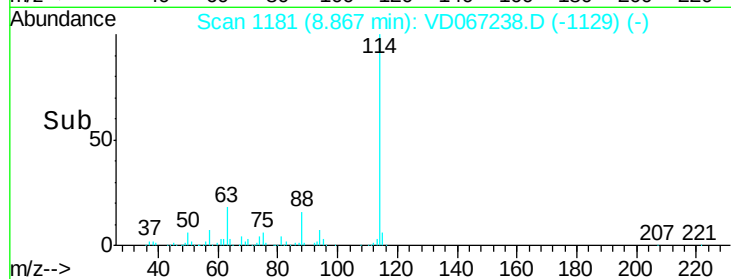
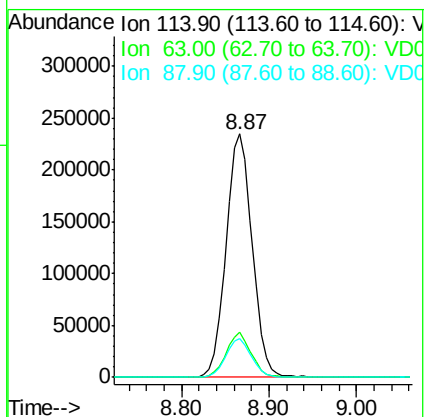
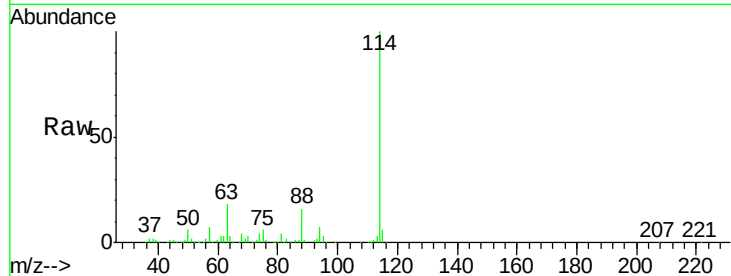




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067238.D
 Acq: 12 Oct 2020 17:43

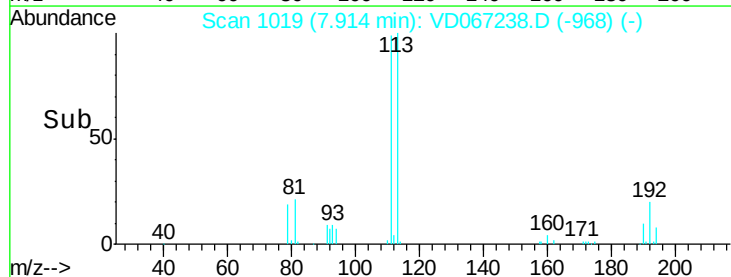
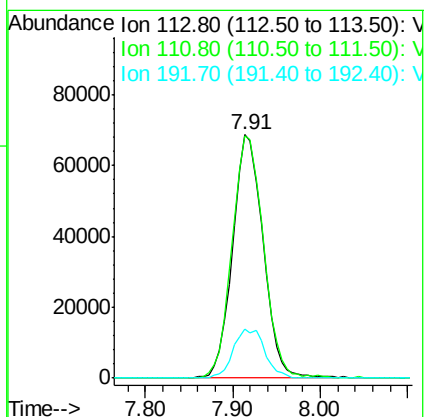
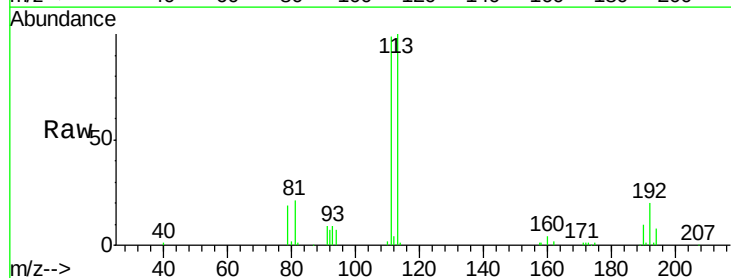
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-5

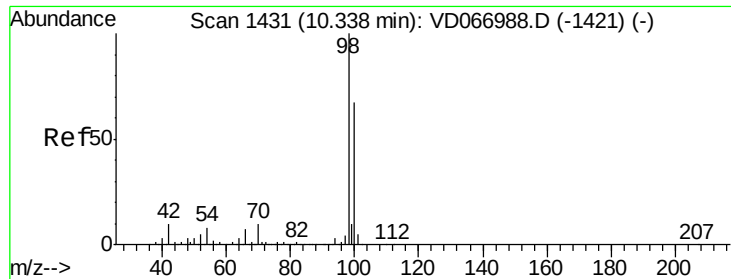
Tot Ion:114 Resp: 477728
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.4
 88 16.2 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 52.080 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067238.D
 Acq: 12 Oct 2020 17:43

Tgt Ion:113 Resp: 162885
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 20.6 15.5 23.3





#50

Toluene-d8

Concen: 49.417 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067238.D

Acq: 12 Oct 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

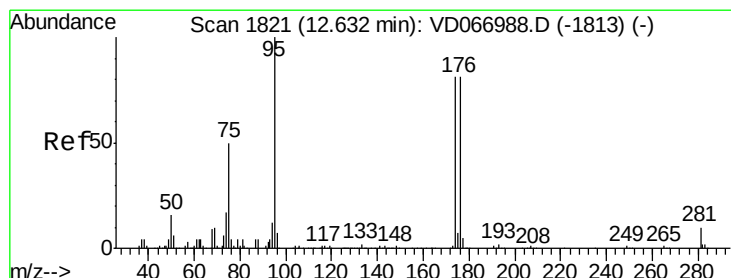
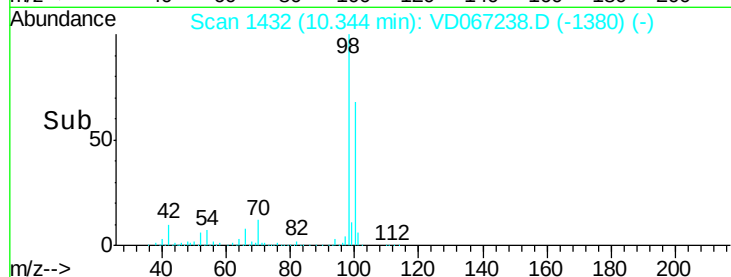
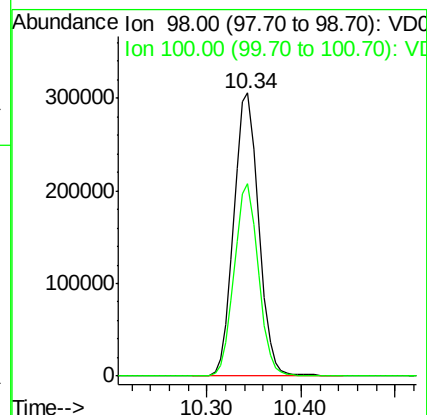
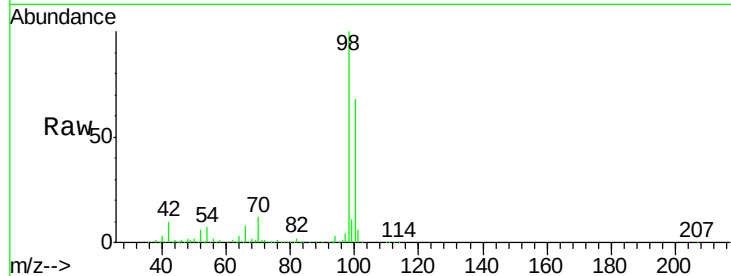
HD-5

Tot Ion: 98 Resp: 563179

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 47.797 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067238.D

Acq: 12 Oct 2020 17:43

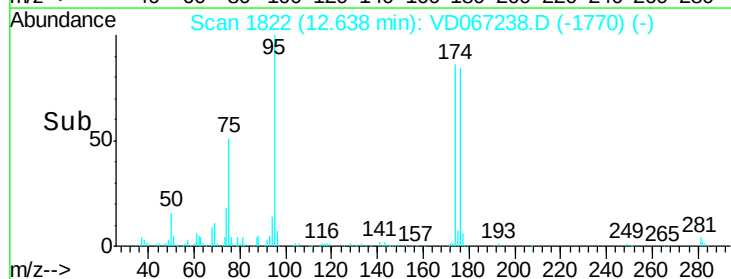
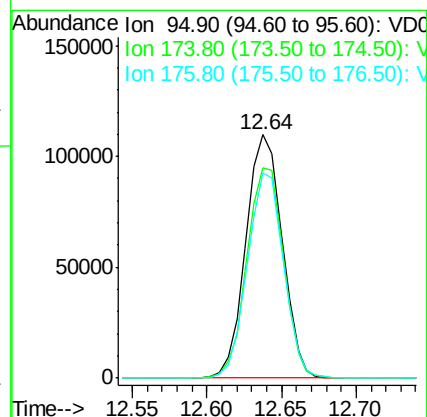
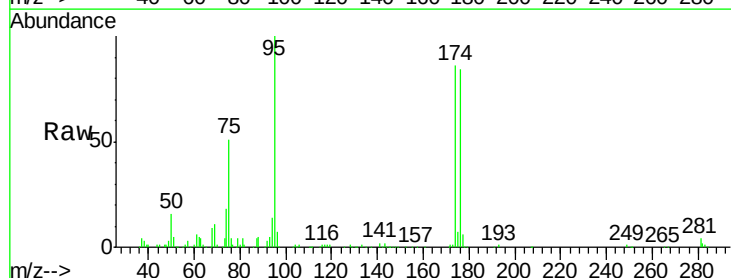
Tgt Ion: 95 Resp: 184920

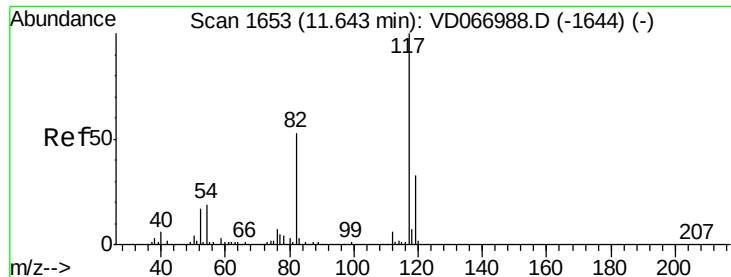
Ion Ratio Lower Upper

95 100

174 87.3 0.0 167.6

176 84.0 0.0 162.4

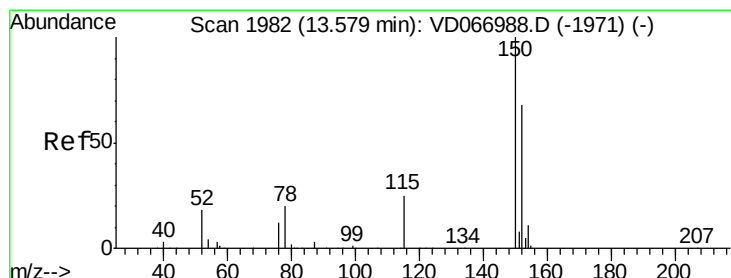
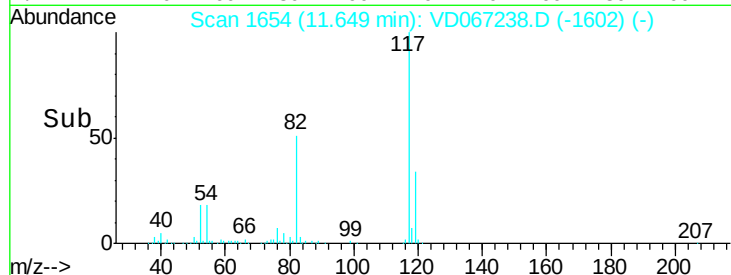
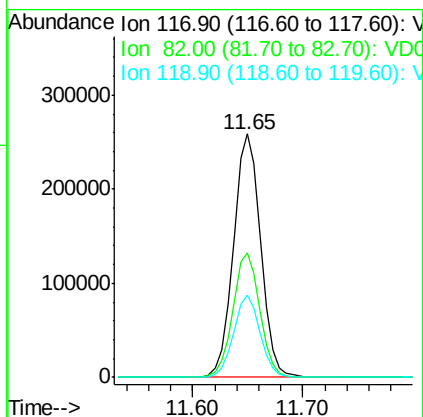
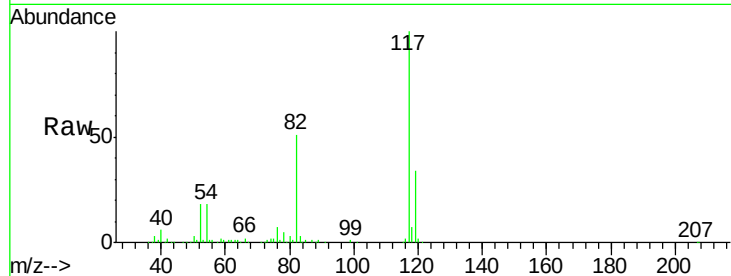




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067238.D
Acq: 12 Oct 2020 17:43

Instrument :
MSVOA_D
ClientSampleId :
HD-5

Tot Ion:117 Resp: 446538
Ion Ratio Lower Upper
117 100
82 51.2 42.6 63.8
119 33.6 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: VD067238.D
Acq: 12 Oct 2020 17:43

Tgt Ion:152 Resp: 194291
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.8
150 156.3 0.0 344.8

