

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\
 Data File : VD067256.D
 Acq On : 13 Oct 2020 17:03
 Operator : VA/SY
 Sample : L4217-01
 Misc : 8.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-101220

Quant Time: Oct 14 02:40:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 13:05:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	341340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	568440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	534388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246593	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	177448	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	7.92	113	187068	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.34	98	669334	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.64	95	225635	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

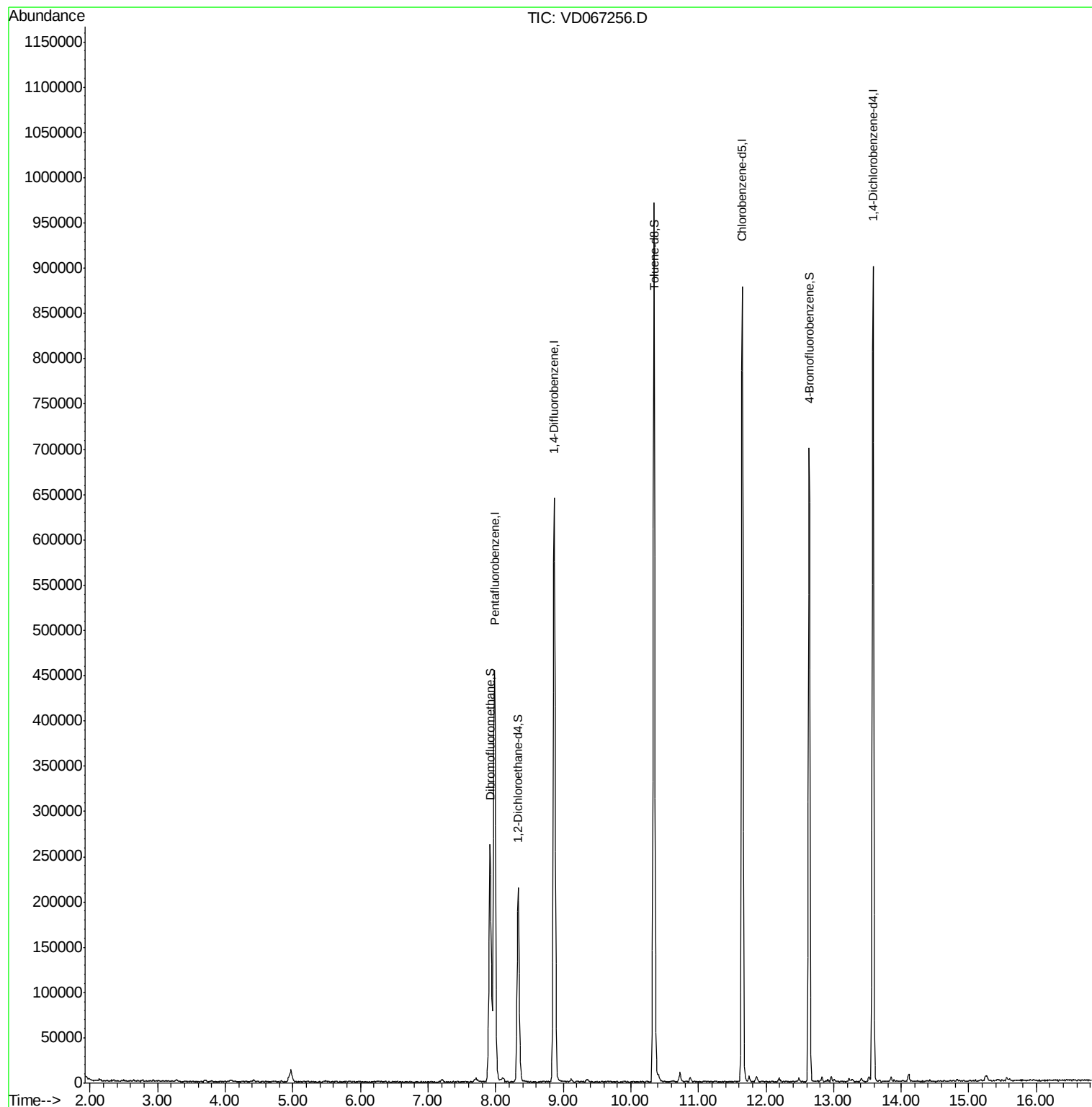
Target Compounds	Qvalue

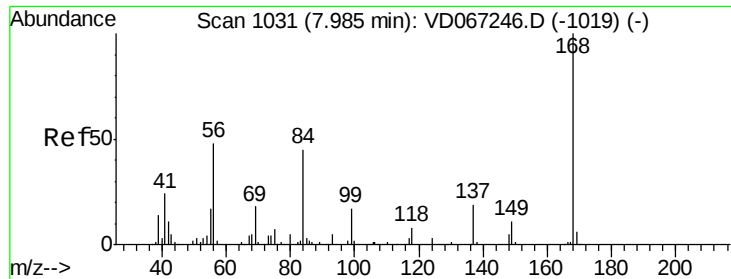
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067256.D

Acq: 13 Oct 2020 17:03

Instrument :

MSVOA_D

ClientSampleId :

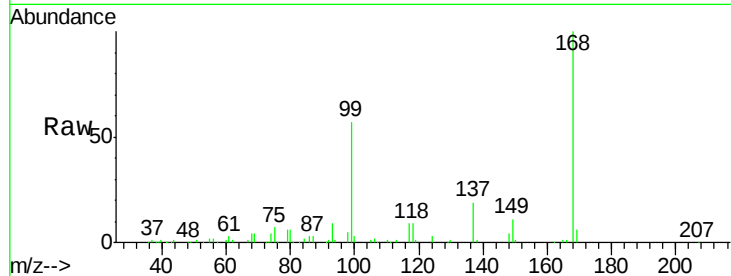
HR-01-101220

Tot Ion:168 Resp: 341340

Ion Ratio Lower Upper

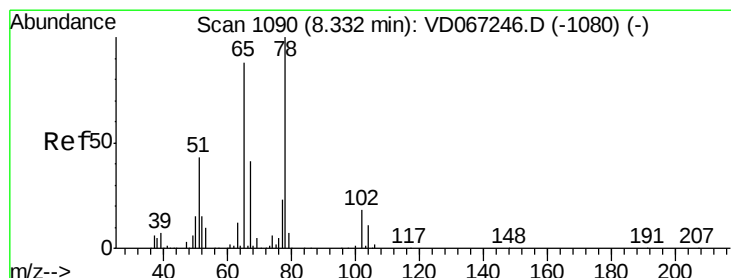
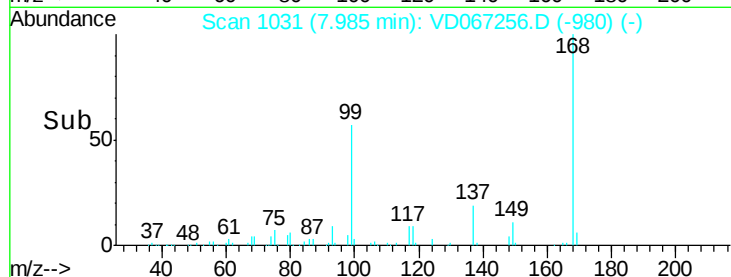
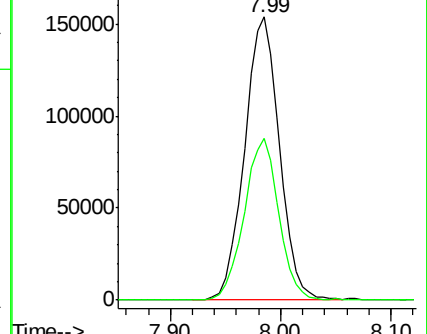
168 100

99 56.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 51.890 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067256.D

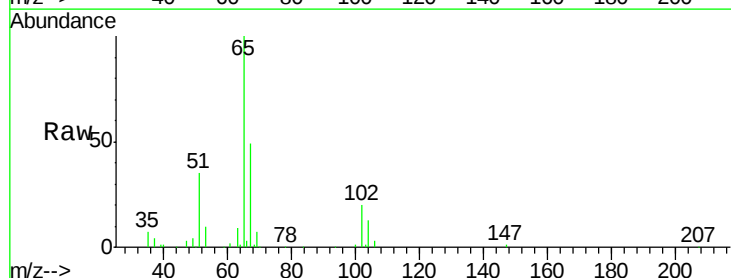
Acq: 13 Oct 2020 17:03

Tgt Ion: 65 Resp: 177448

Ion Ratio Lower Upper

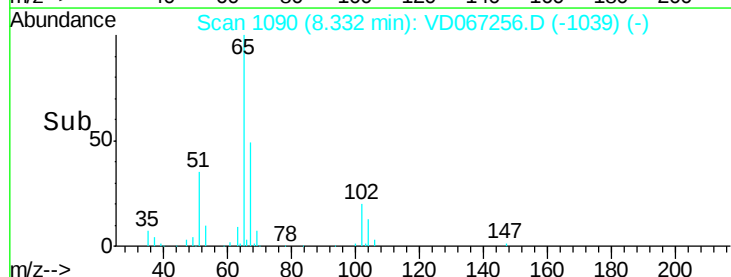
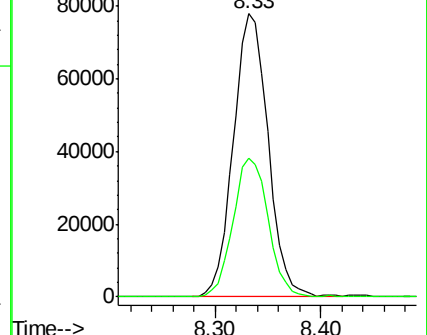
65 100

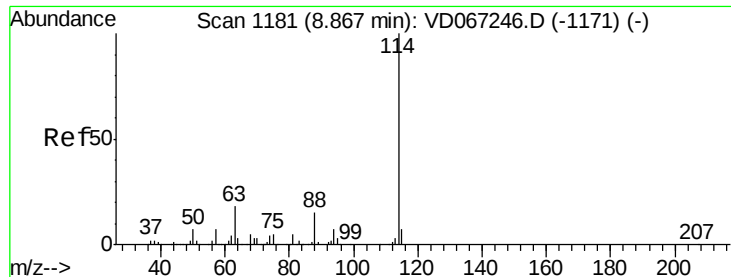
67 49.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

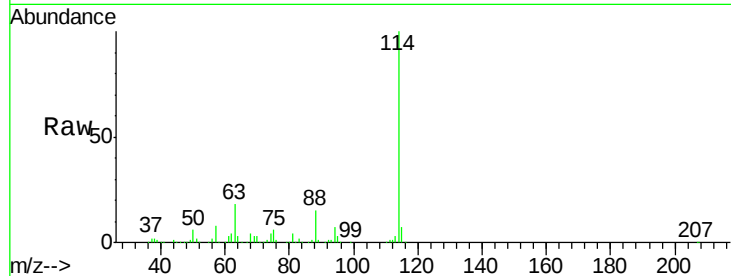




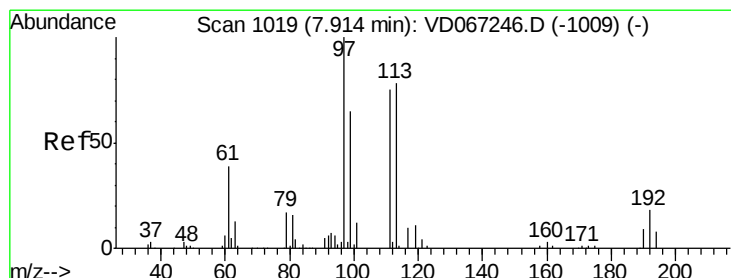
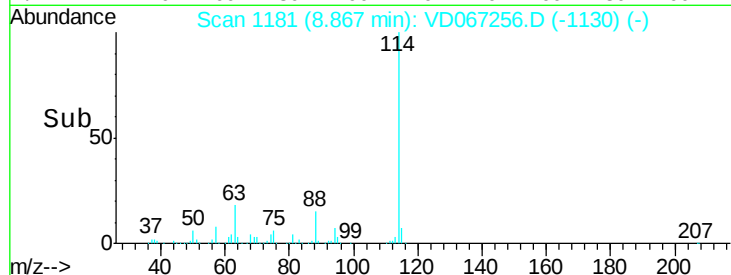
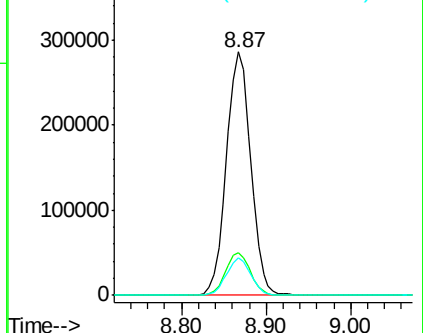
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067256.D
 Acq: 13 Oct 2020 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-101220

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.0
88	15.3	0.0	30.6

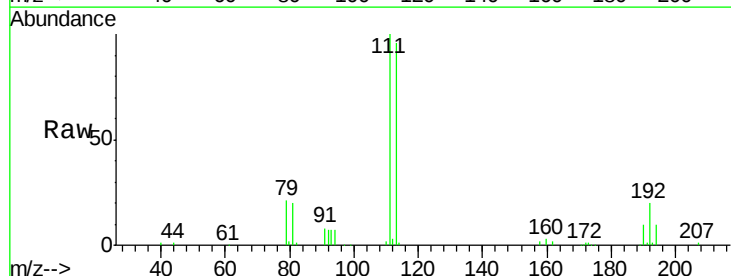


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

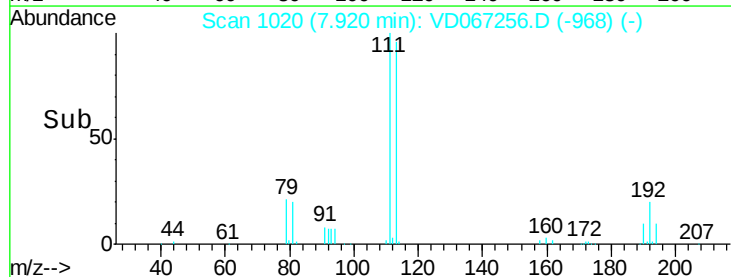
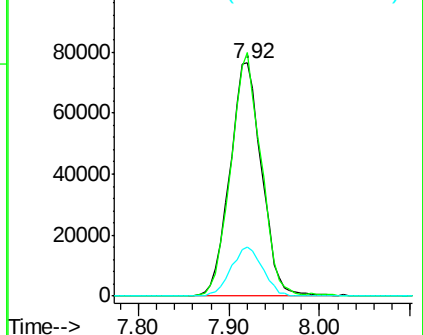


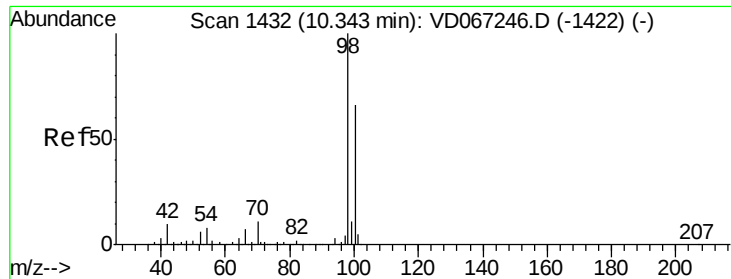
#35
 Dibromofluoromethane
 Concen: 49.450 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067256.D
 Acq: 13 Oct 2020 17:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.9	81.6	122.4
192	20.9	17.0	25.4



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: 48.891 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067256.D

Acq: 13 Oct 2020 17:03

Instrument :

MSVOA_D

ClientSampleId :

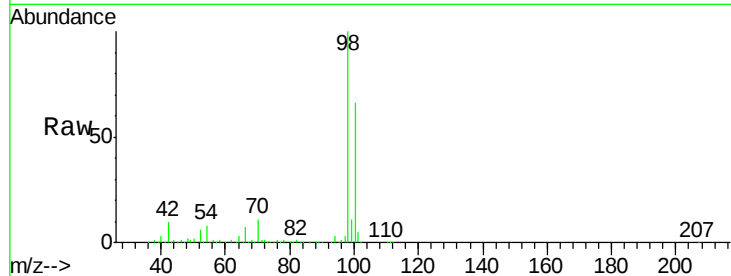
HR-01-101220

Tot Ion: 98 Resp: 669334

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

400000

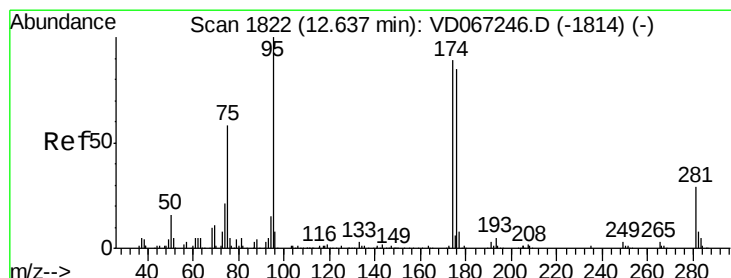
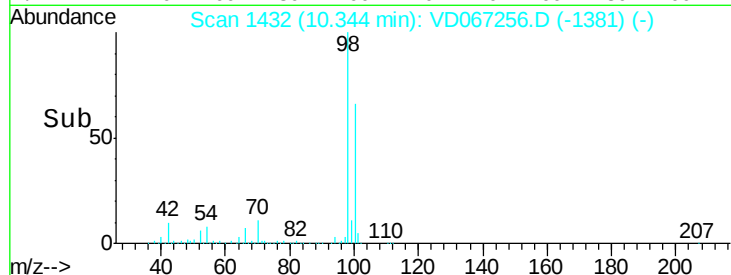
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.398 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067256.D

Acq: 13 Oct 2020 17:03

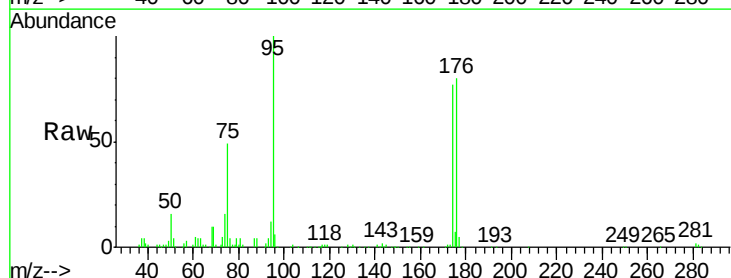
Tgt Ion: 95 Resp: 225635

Ion Ratio Lower Upper

95 100

174 84.9 0.0 175.2

176 81.9 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

200000

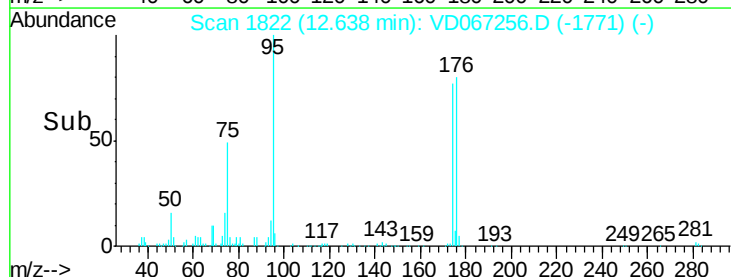
150000

100000

50000

0

Time-->

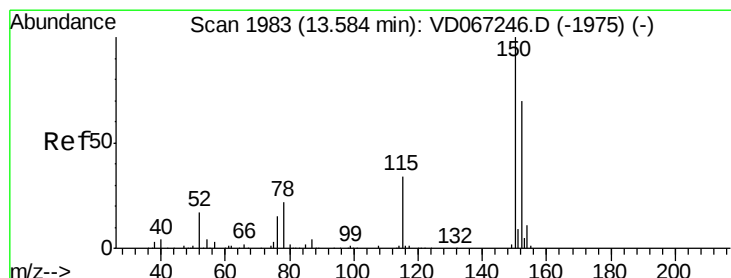
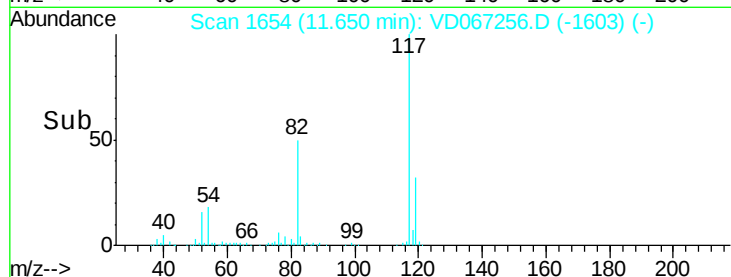
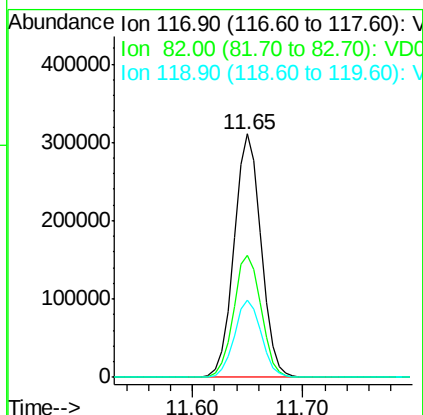
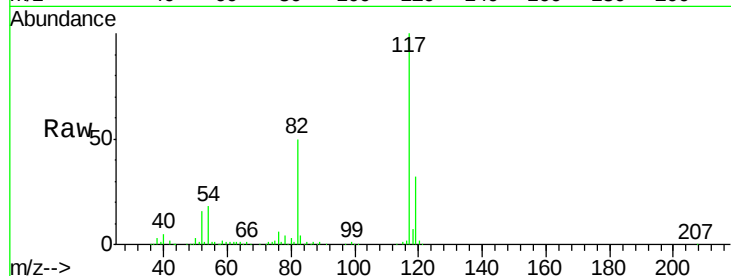




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Instrument :
MSVOA_D
ClientSampleId :
HR-01-101220

Tot Ion:117 Resp: 534388
Ion Ratio Lower Upper
117 100
82 50.1 39.9 59.9
119 32.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Tgt Ion:152 Resp: 246593
Ion Ratio Lower Upper
152 100
115 58.7 29.3 87.9
150 157.9 0.0 339.0

