

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065256.D
 Acq On : 20 Feb 2020 15:32
 Operator : VA/SY
 Sample : L1604-01
 Misc : 6.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HAM-SB-01-26-27

Quant Time: Feb 21 04:51:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	653235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1070940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	921576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	404955	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	303819	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.92	113	326681	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.34	98	1280765	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.64	95	369178	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	

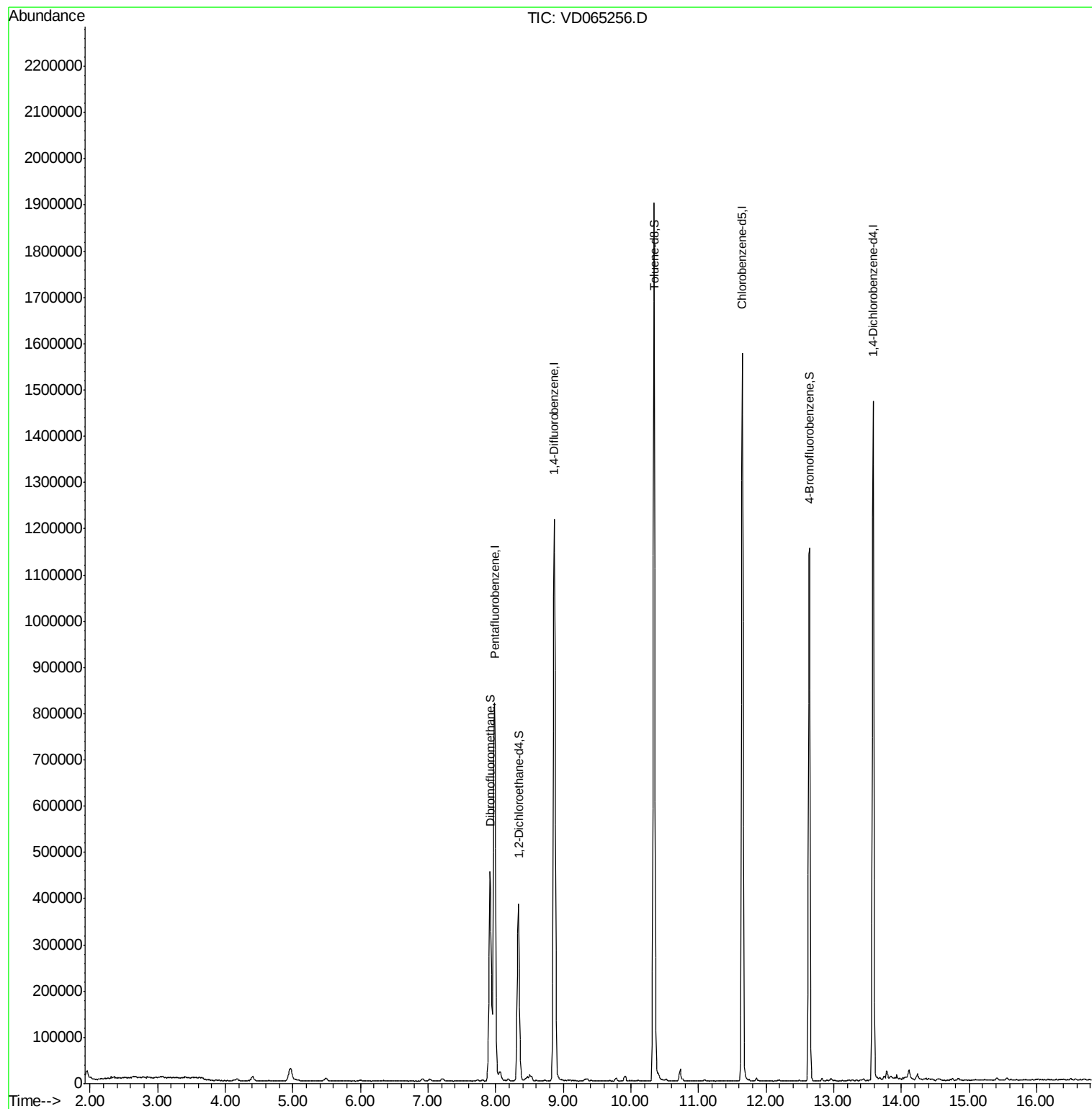
Target Compounds	Qvalue

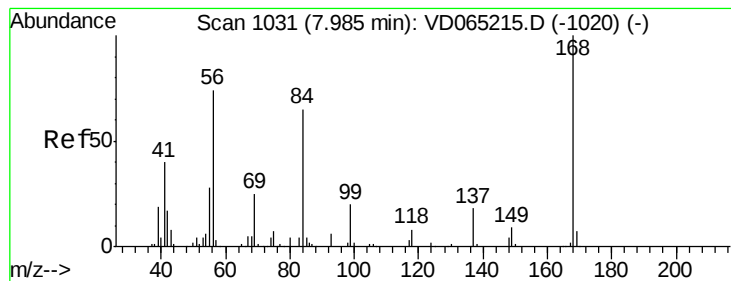
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065256.D

Acq: 20 Feb 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

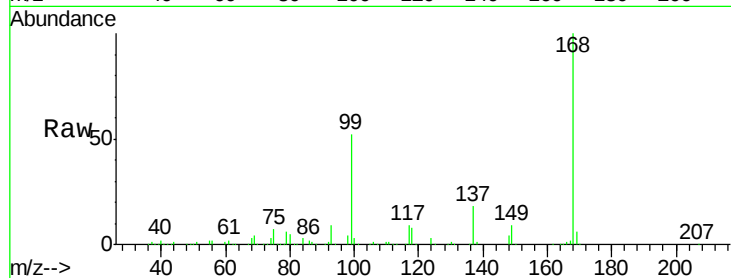
HAM-SB-01-26-27

Tot Ion:168 Resp: 653235

Ion Ratio Lower Upper

168 100

99 52.3 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

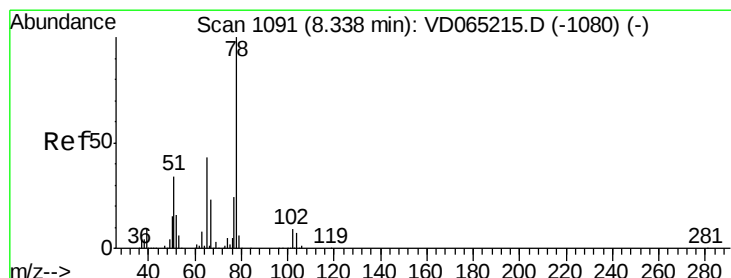
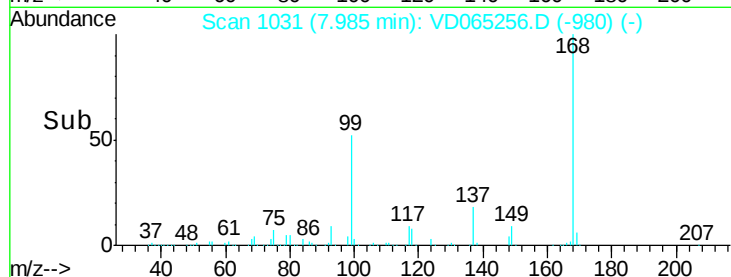
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.700 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065256.D

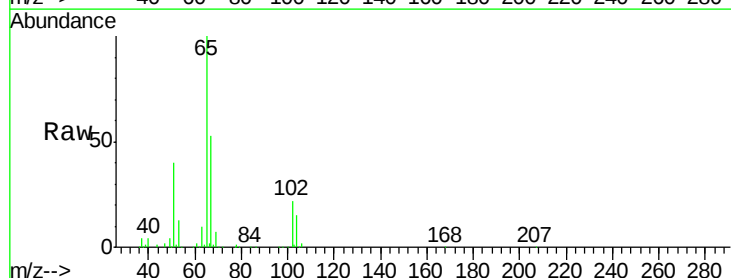
Acq: 20 Feb 2020 15:32

Tgt Ion: 65 Resp: 303819

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

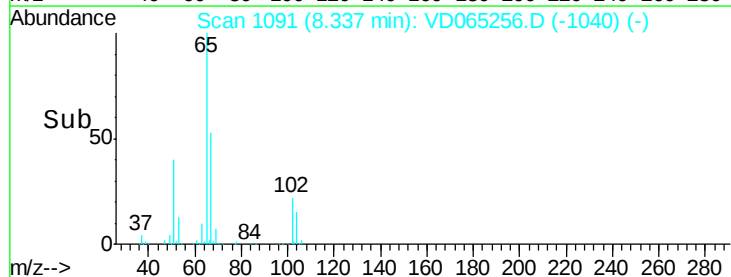
150000

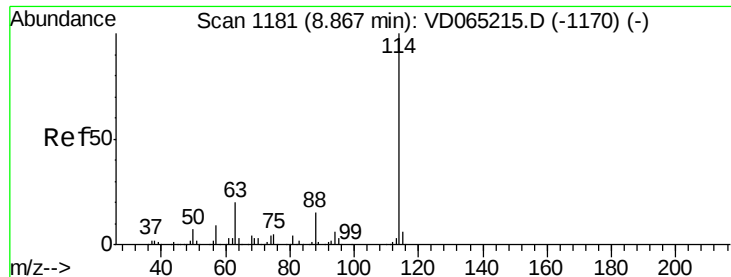
100000

50000

0

Time-->

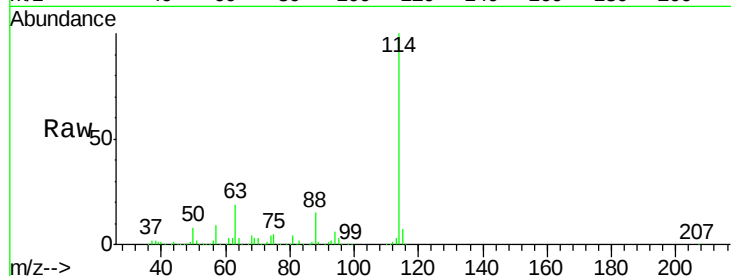




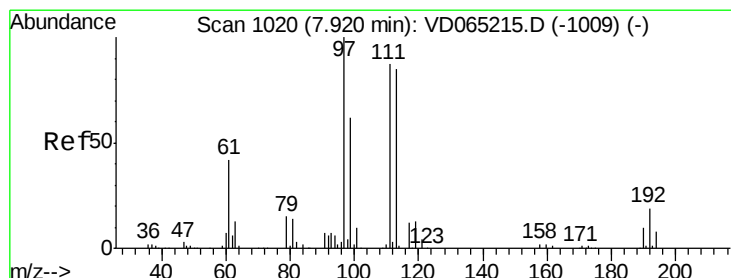
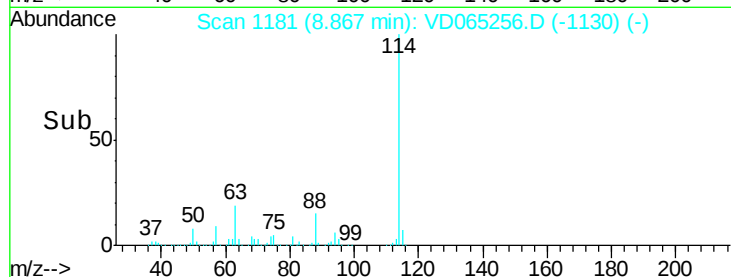
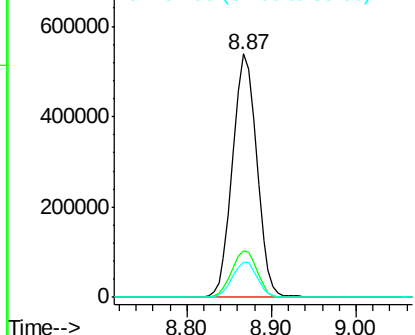
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065256.D
Acq: 20 Feb 2020 15:32

Instrument :
MSVOA_D
ClientSampleId :
HAM-SB-01-26-27

Tot Ion:114 Resp: 1070940
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.4
88 14.6 0.0 30.4

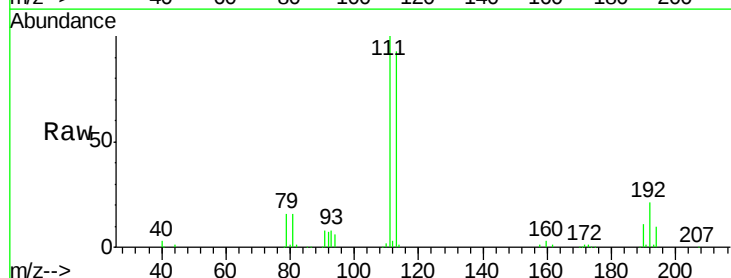


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

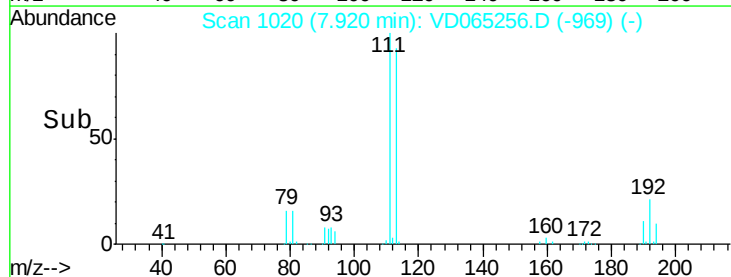
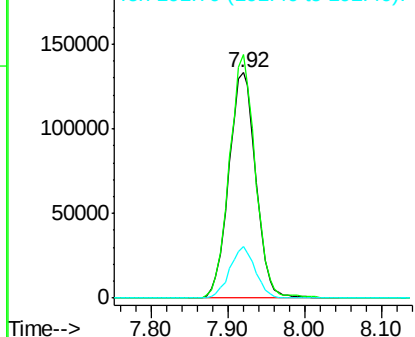


#35
Dibromofluoromethane
Concen: 50.028 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065256.D
Acq: 20 Feb 2020 15:32

Tgt Ion:113 Resp: 326681
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 21.6 17.3 25.9



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: 51.306 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065256.D

Acq: 20 Feb 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

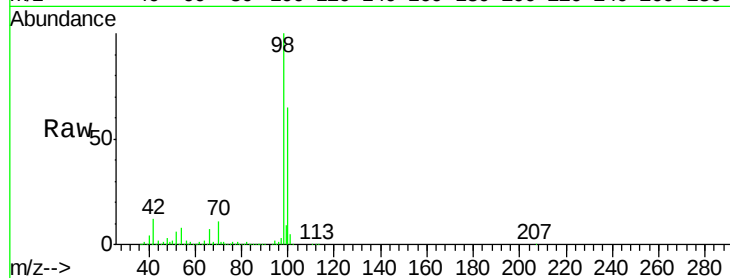
HAM-SB-01-26-27

Tot Ion: 98 Resp: 1280765

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VD065215.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD065215.D (-1422) (-)

10.34

800000

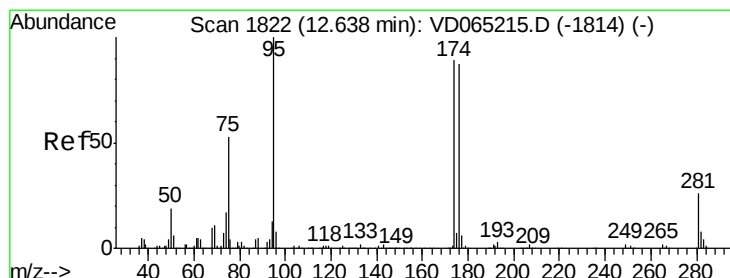
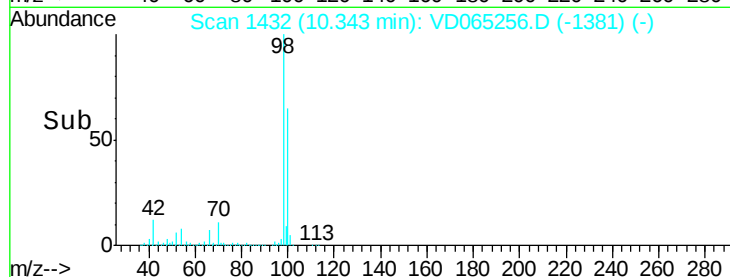
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 46.683 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065256.D

Acq: 20 Feb 2020 15:32

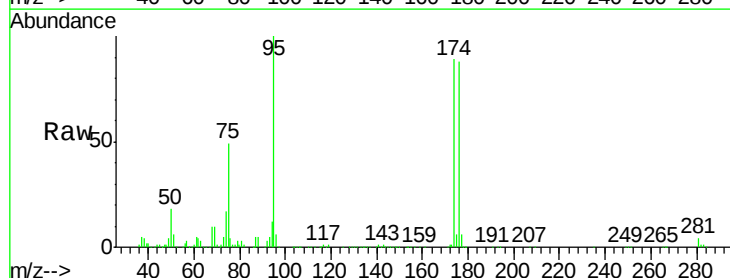
Tgt Ion: 95 Resp: 369178

Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.0

176 86.6 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): VD065215.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065215.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065215.D (-1814) (-)

12.64

300000

250000

200000

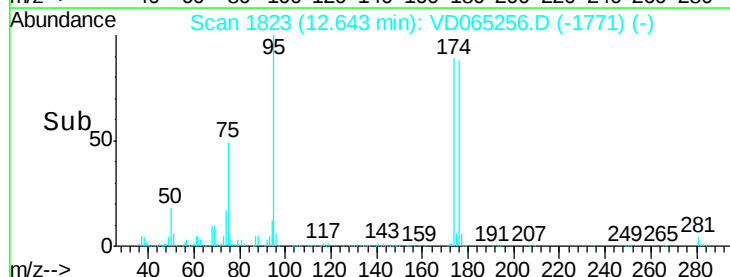
150000

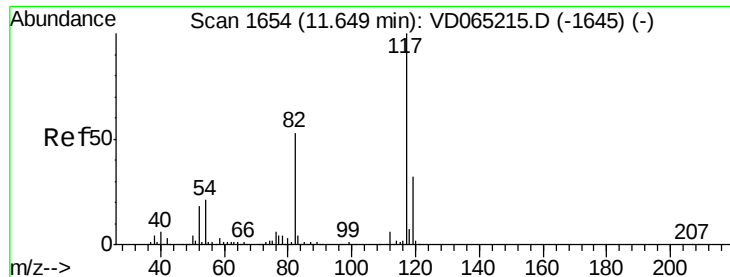
100000

50000

0

Time--> 12.60 12.70

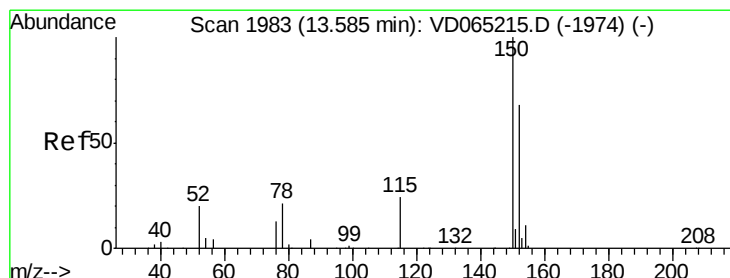
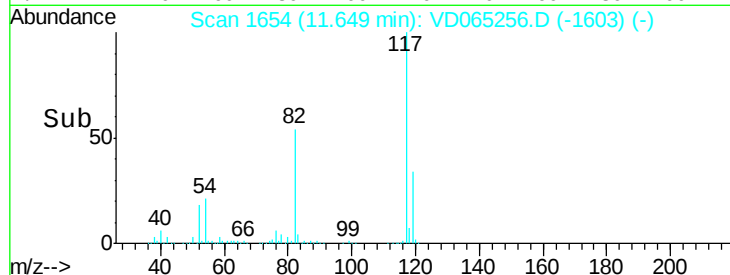
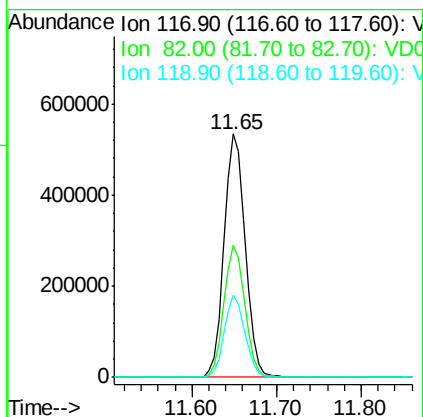
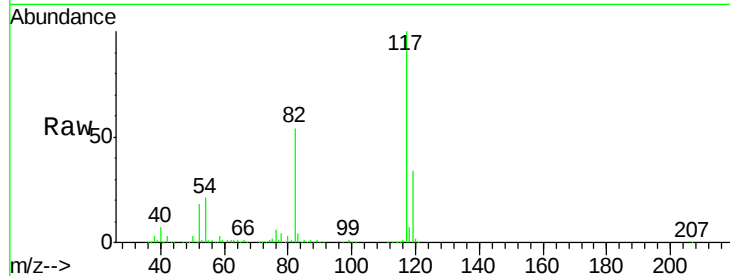




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065256.D
Acq: 20 Feb 2020 15:32

Instrument :
MSVOA_D
ClientSampleId :
HAM-SB-01-26-27

Tot Ion:117 Resp: 921576
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 33.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065256.D
Acq: 20 Feb 2020 15:32

Tgt Ion:152 Resp: 404955
Ion Ratio Lower Upper
152 100
115 56.1 27.6 82.8
150 159.1 0.0 347.4

