

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031320\
 Data File : VD065506.D
 Acq On : 13 Mar 2020 16:19
 Operator : VA/SY
 Sample : L1933-01
 Misc : 7.63G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12002

Quant Time: Mar 16 03:36:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	427907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	723607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	685050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310949	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	216577	59.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.00%	
35) Dibromofluoromethane	7.92	113	237048	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.34	98	884916	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.64	95	269742	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

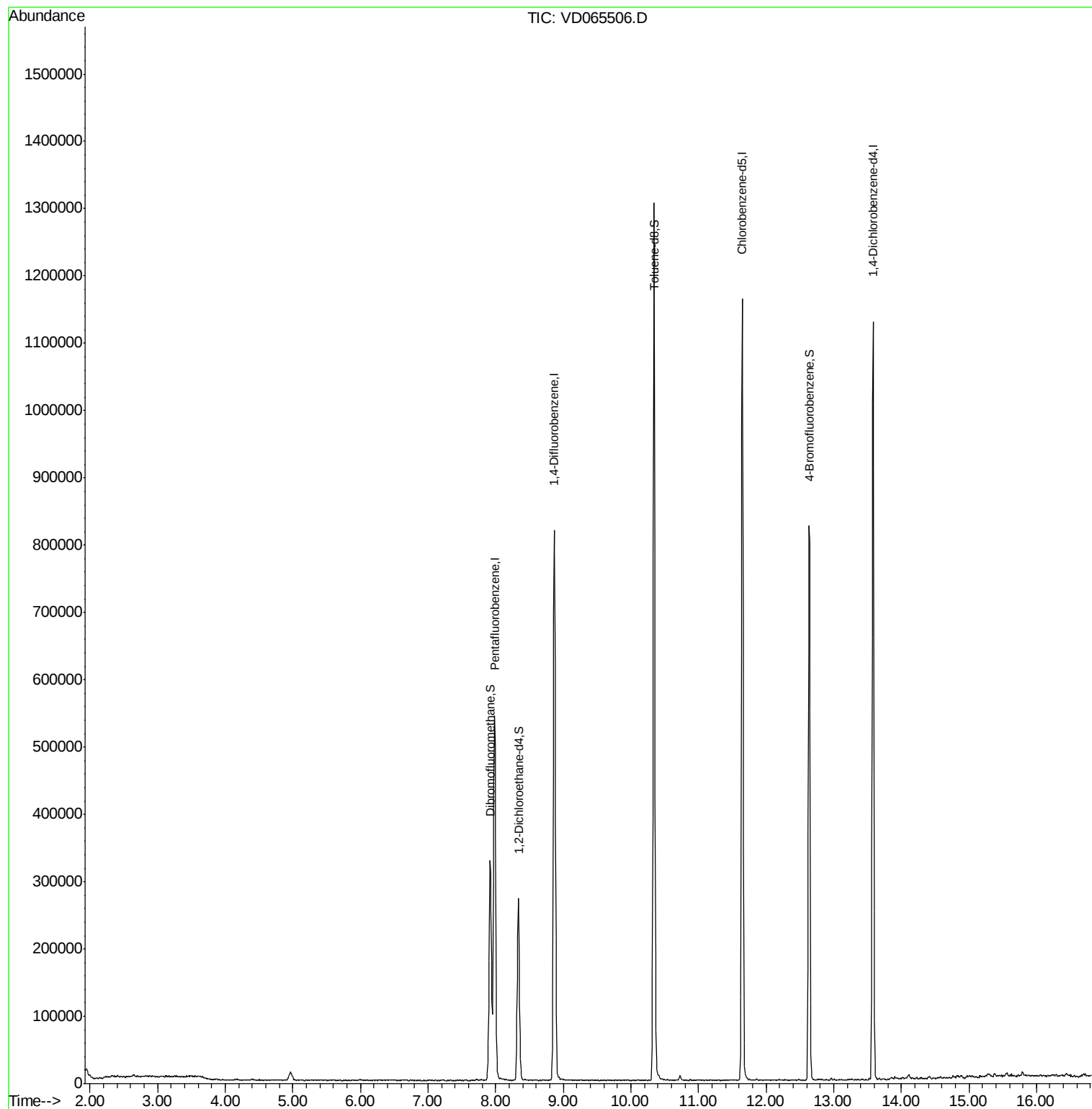
Target Compounds	Qvalue

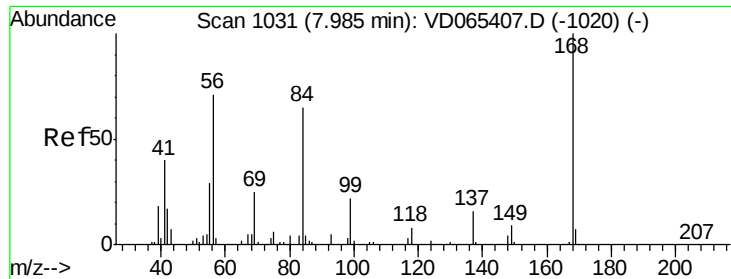
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065506.D

Acq: 13 Mar 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

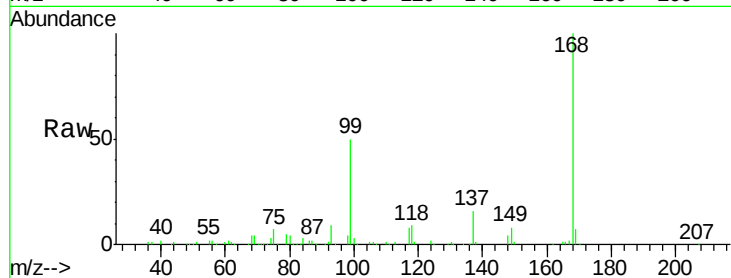
72-12002

Tot Ion:168 Resp: 427907

Ion Ratio Lower Upper

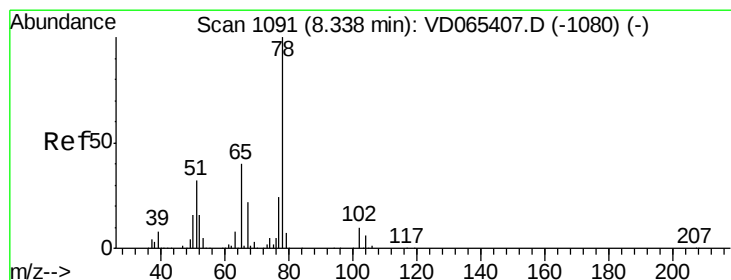
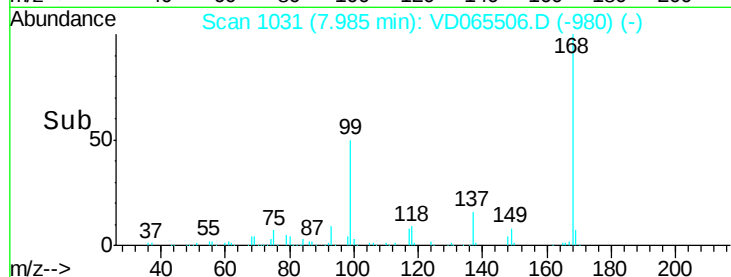
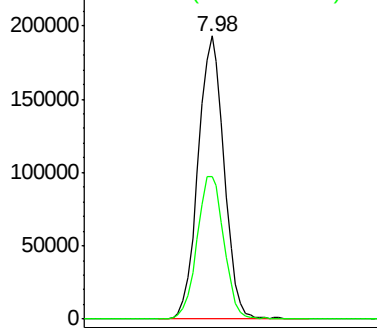
168 100

99 50.4 41.5 62.3



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: 59.003 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065506.D

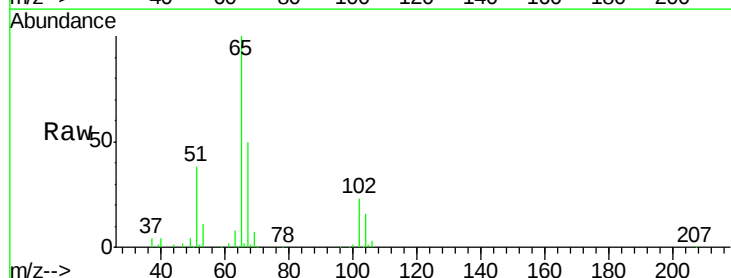
Acq: 13 Mar 2020 16:19

Tgt Ion: 65 Resp: 216577

Ion Ratio Lower Upper

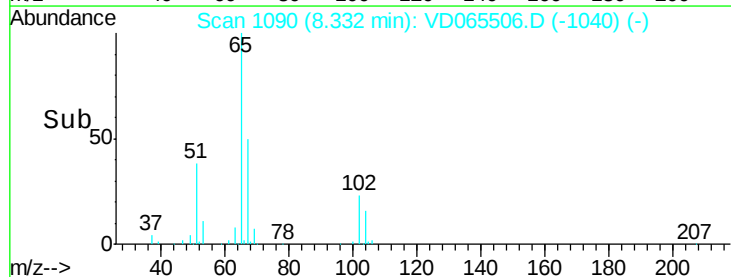
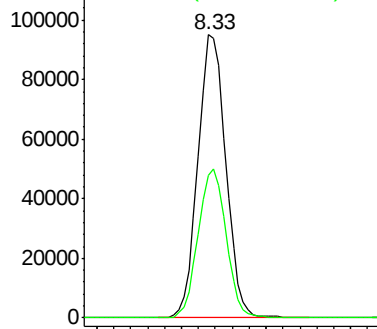
65 100

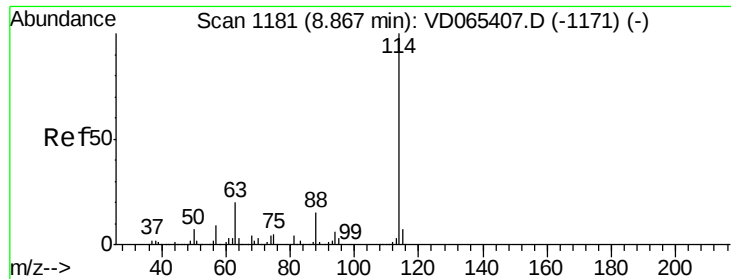
67 52.6 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

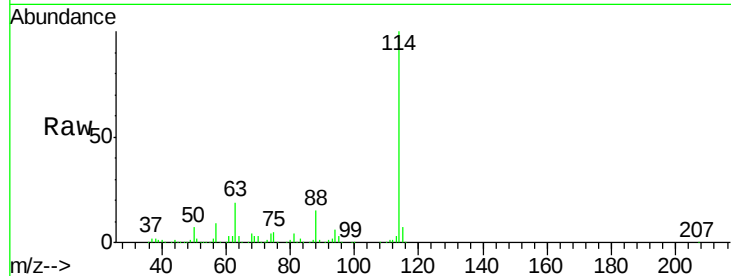




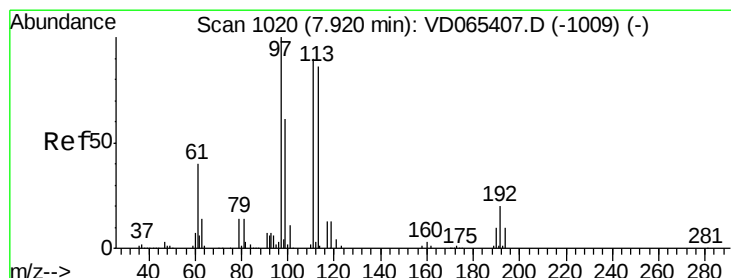
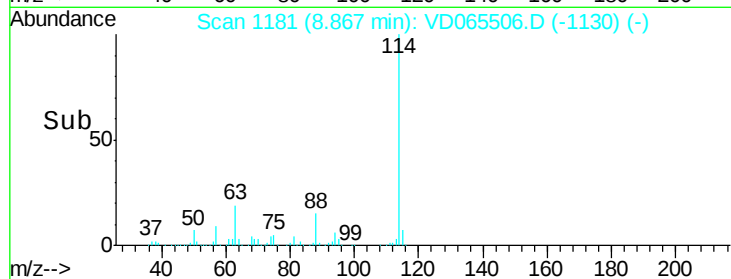
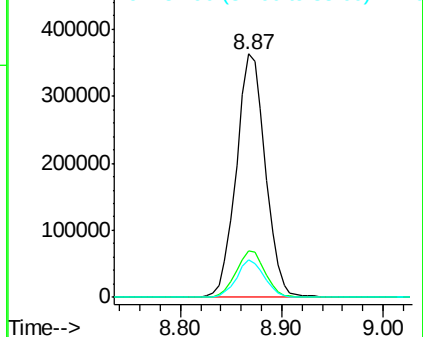
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065506.D
 Acq: 13 Mar 2020 16:19

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12002

Tot Ion:114	Resp:	723607
Ion Ratio	Lower	Upper
114 100		
63 18.9	0.0	39.6
88 15.4	0.0	30.4

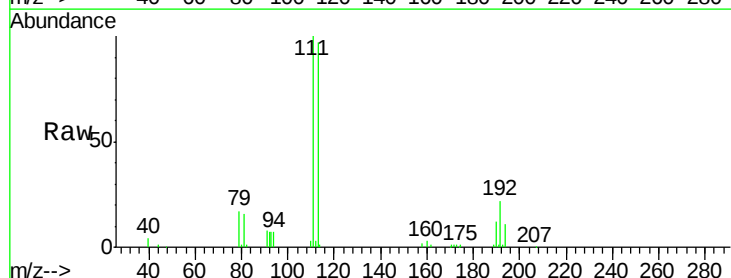


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

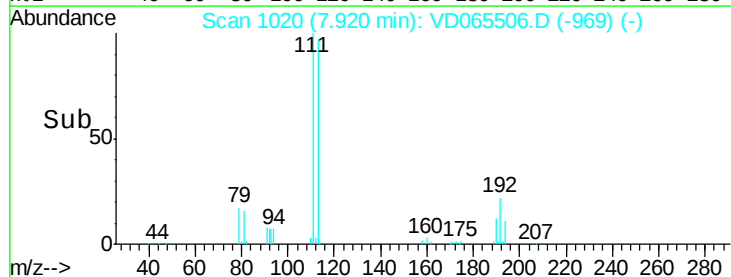
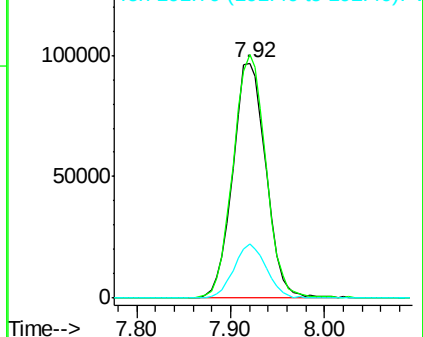


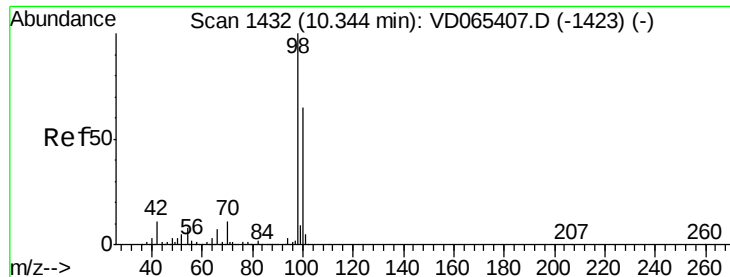
#35
 Dibromofluoromethane
 Concen: 52.974 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065506.D
 Acq: 13 Mar 2020 16:19

Tgt Ion:113	Resp:	237048
Ion Ratio	Lower	Upper
113 100		
111 102.5	82.1	123.1
192 22.5	17.2	25.8



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: 51.547 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065506.D

Acq: 13 Mar 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

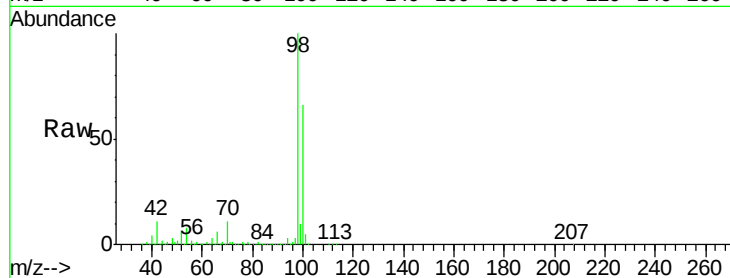
72-12002

Tot Ion: 98 Resp: 884916

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD065407.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065407.D (-1423) (-)

10.34

500000

400000

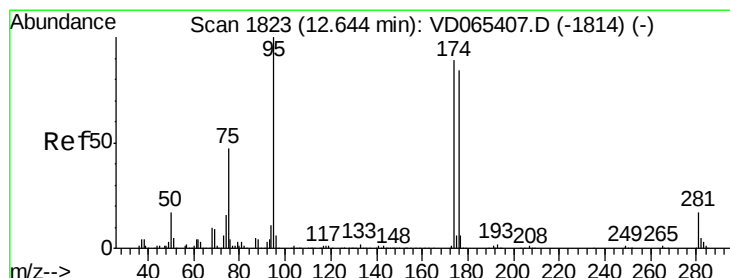
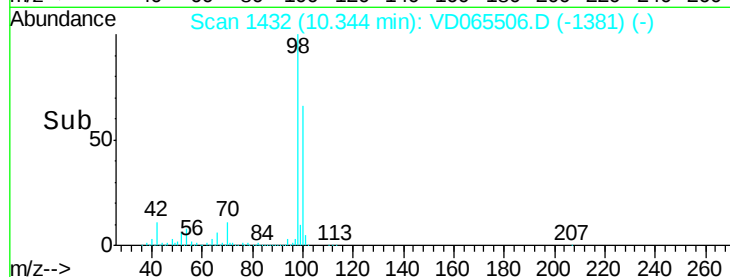
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.898 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065506.D

Acq: 13 Mar 2020 16:19

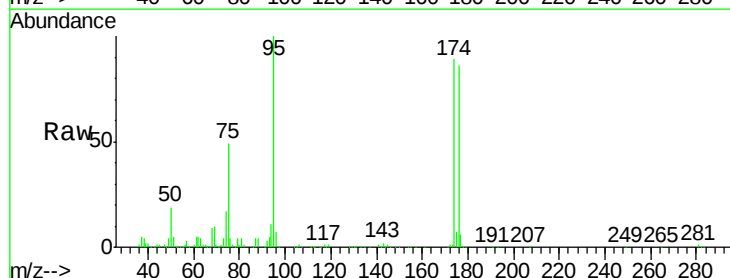
Tgt Ion: 95 Resp: 269742

Ion Ratio Lower Upper

95 100

174 90.9 0.0 176.8

176 86.6 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): VD065407.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065407.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065407.D (-1814) (-)

12.64

200000

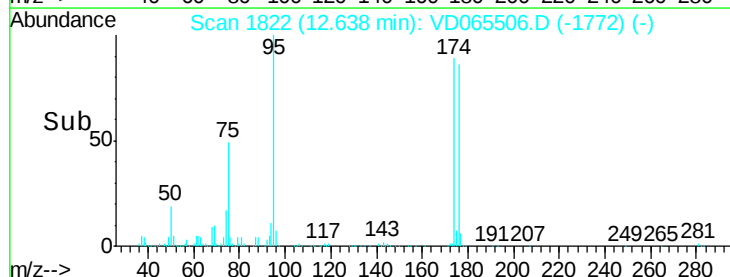
150000

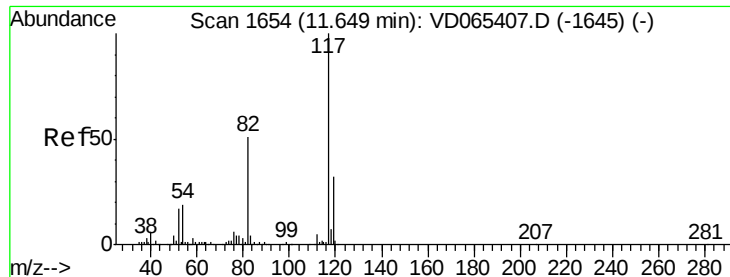
100000

50000

0

Time-->

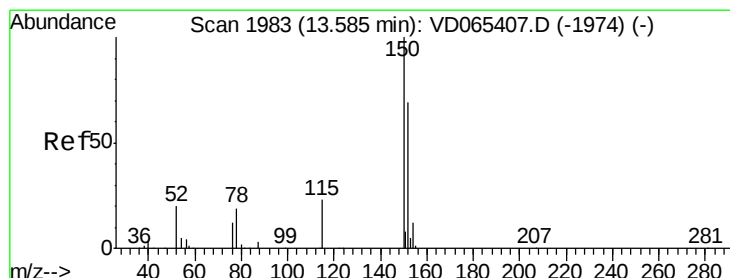
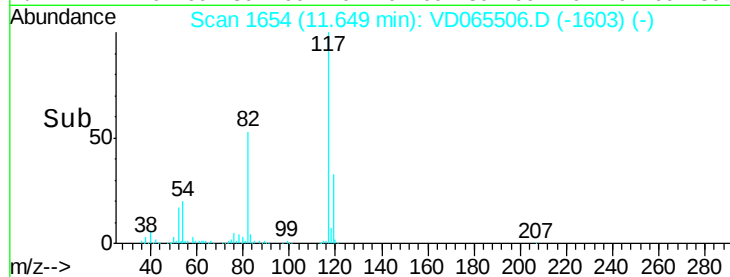
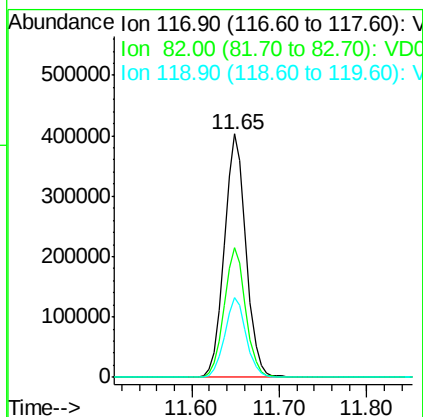
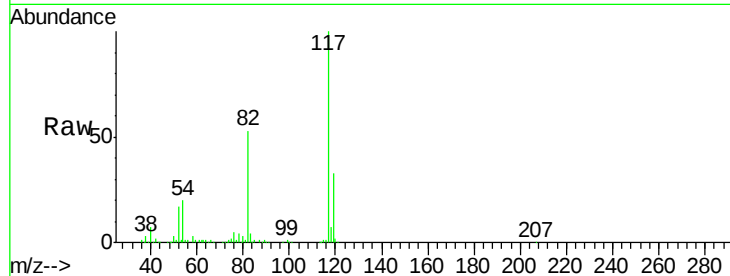




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065506.D
Acq: 13 Mar 2020 16:19

Instrument :
MSVOA_D
ClientSampled :
72-12002

Tot Ion:117 Resp: 685050
Ion Ratio Lower Upper
117 100
82 53.3 40.6 60.8
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065506.D
Acq: 13 Mar 2020 16:19

Tgt Ion:152 Resp: 310949
Ion Ratio Lower Upper
152 100
115 56.3 27.6 82.8
150 157.9 0.0 345.0

