

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065242.D
 Acq On : 19 Feb 2020 16:50
 Operator : VA/SY
 Sample : L1592-02
 Misc : 6.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-005-ABCD

Quant Time: Feb 20 04:47:17 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	495248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	841512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	783661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	359934	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	270741	60.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.54%	
35) Dibromofluoromethane	7.92	113	273642	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.34	98	1028974	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.64	95	320593	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	

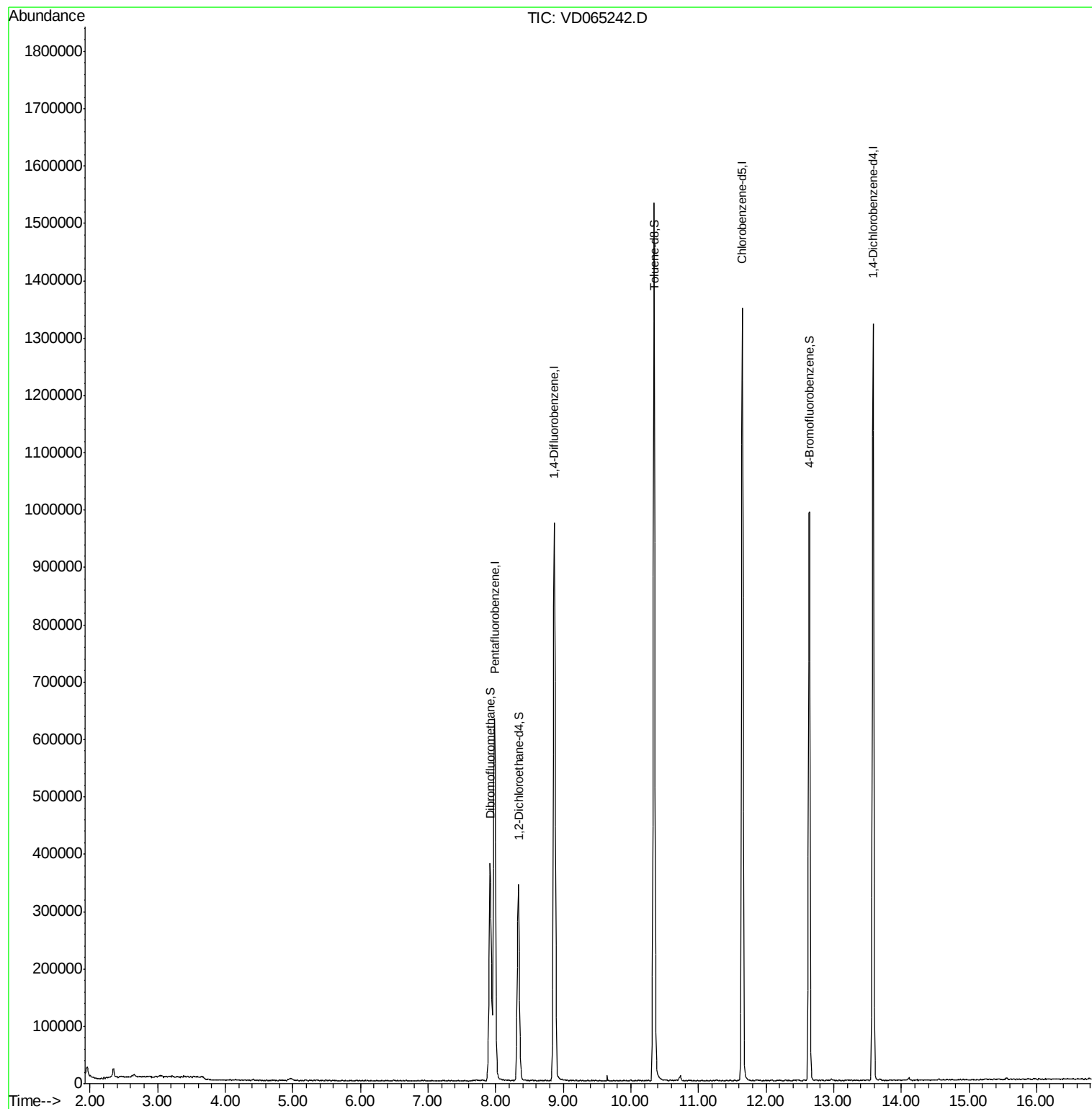
Target Compounds	Qvalue

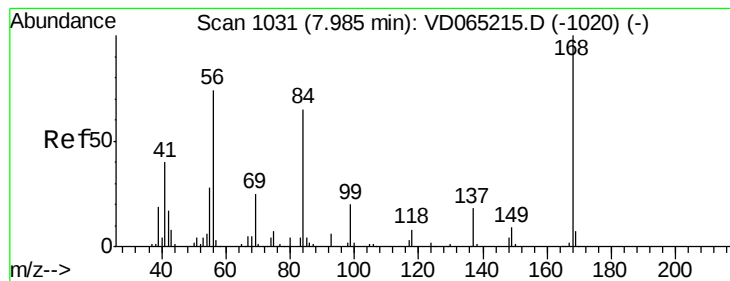
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021920\
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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: VD065242.D

Acq: 19 Feb 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

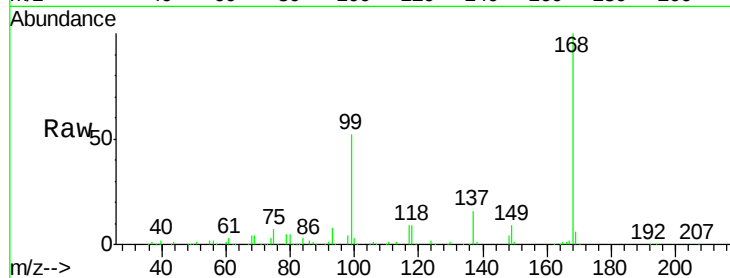
FK-BPM-04-005-ABCD

Tot Ion:168 Resp: 495248

Ion Ratio Lower Upper

168 100

99 52.1 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

250000

200000

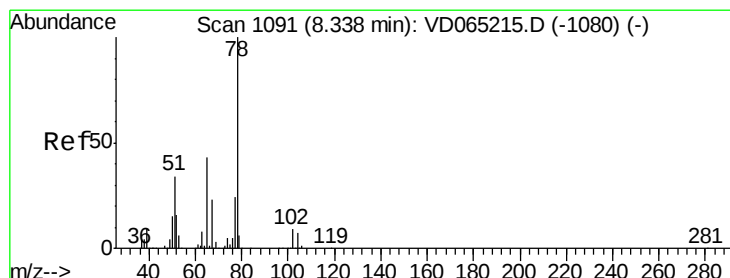
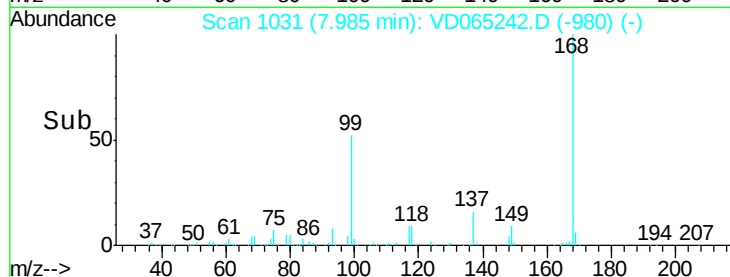
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.768 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065242.D

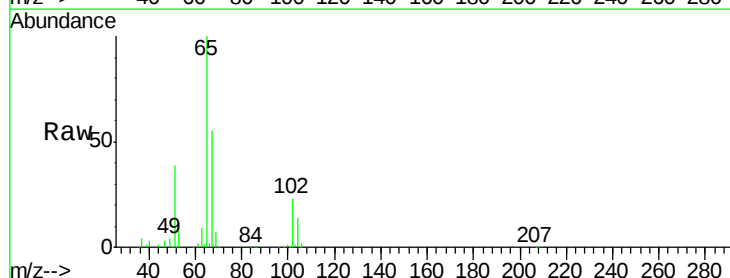
Acq: 19 Feb 2020 16:50

Tgt Ion: 65 Resp: 270741

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

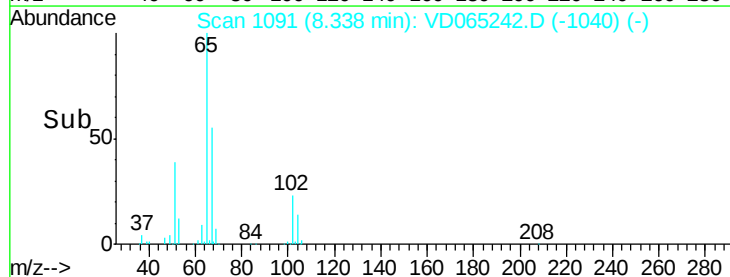
8.34

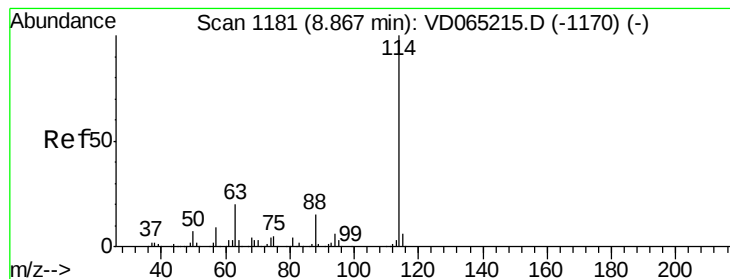
100000

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: VD065242.D

Acq: 19 Feb 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-005-ABCD

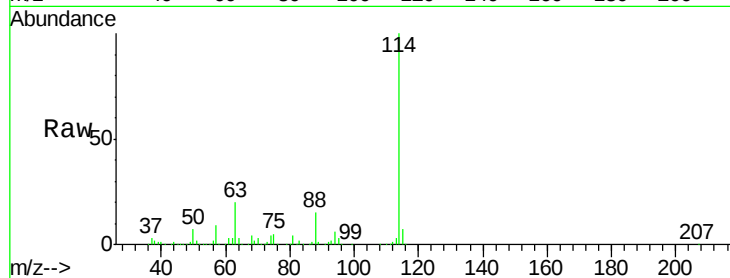
Tot Ion:114 Resp: 841512

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

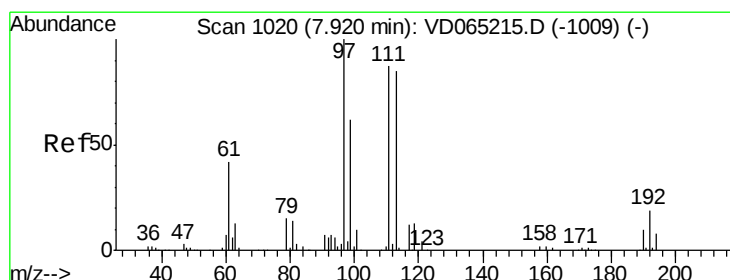
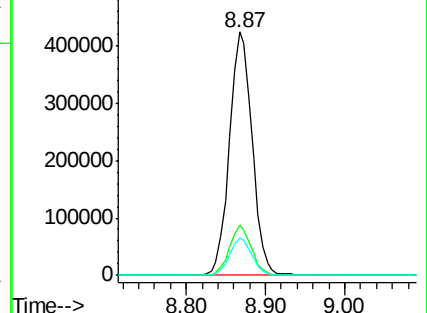
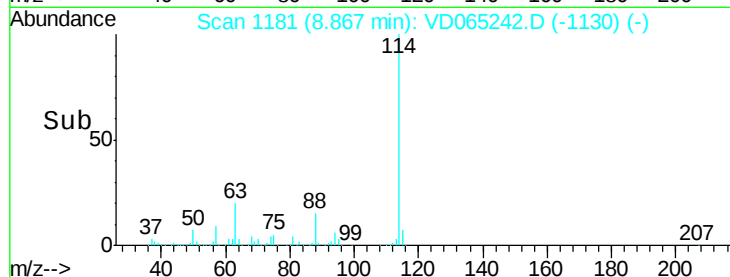
88 15.3 0.0 30.4



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: 53.331 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065242.D

Acq: 19 Feb 2020 16:50

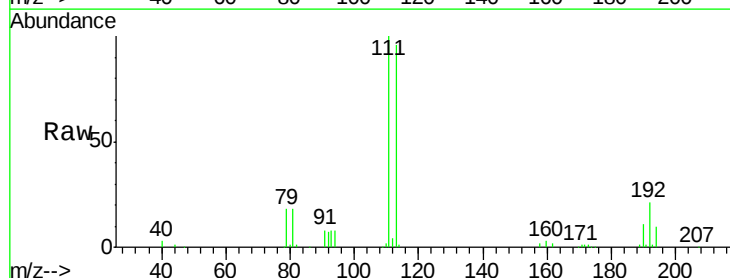
Tgt Ion:113 Resp: 273642

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

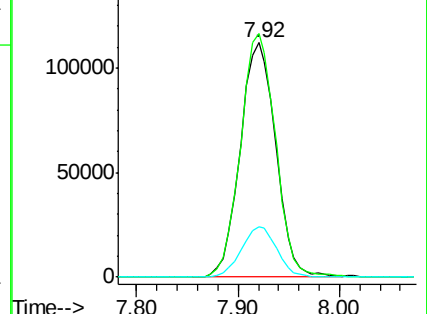
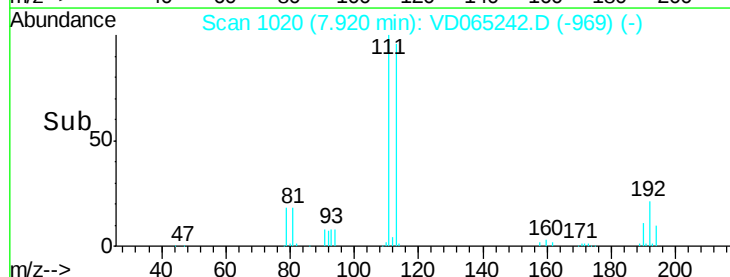
192 21.3 17.3 25.9



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: 52.457 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065242.D

Acq: 19 Feb 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

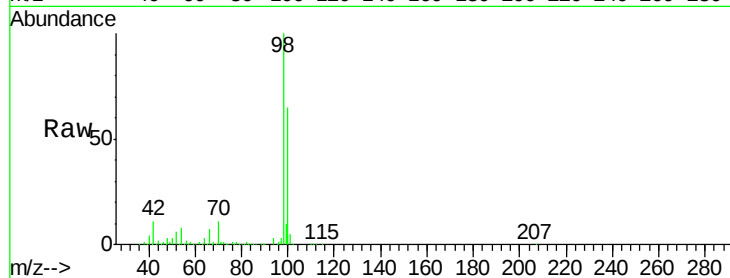
FK-BPM-04-005-ABCD

Tot Ion: 98 Resp: 1028974

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

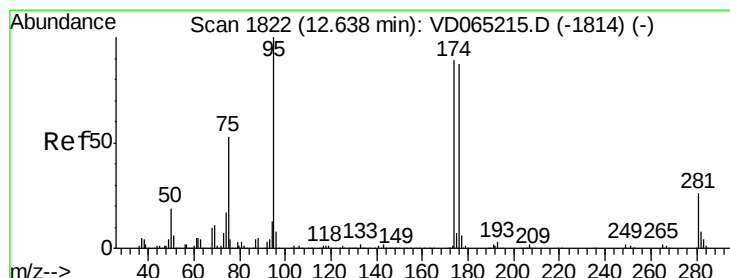
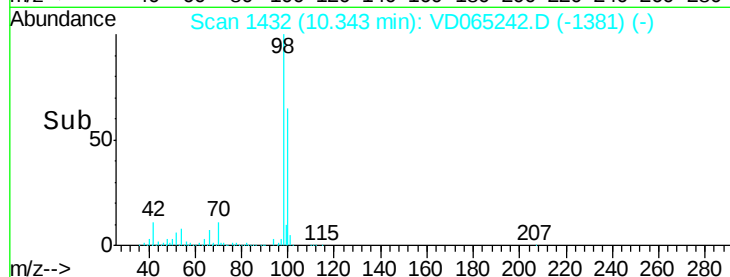
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.592 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065242.D

Acq: 19 Feb 2020 16:50

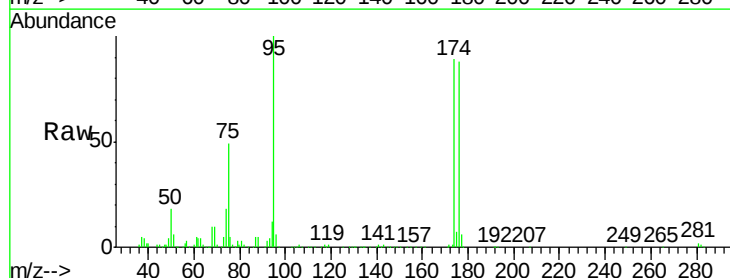
Tgt Ion: 95 Resp: 320593

Ion Ratio Lower Upper

95 100

174 88.0 0.0 178.0

176 85.4 0.0 174.4



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

12.64

250000

200000

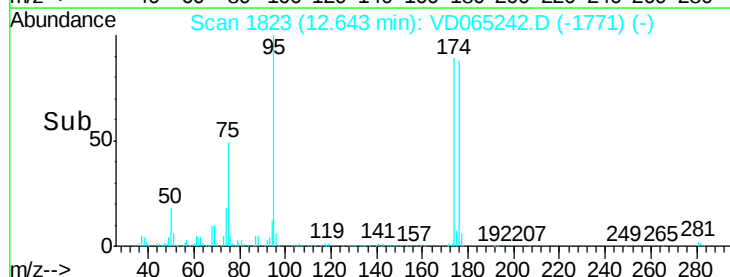
150000

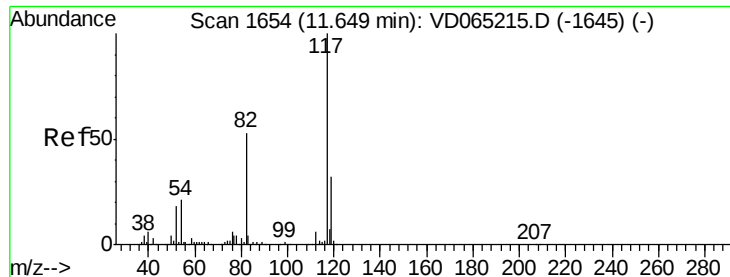
100000

50000

0

Time--> 12.60 12.70

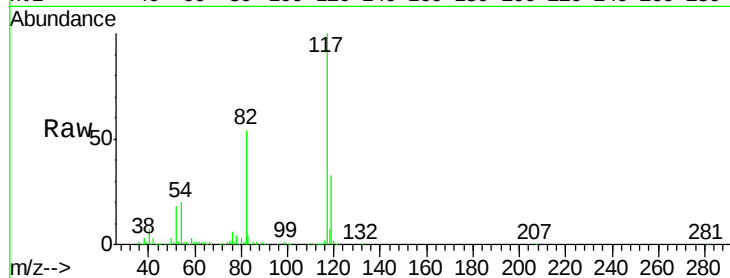




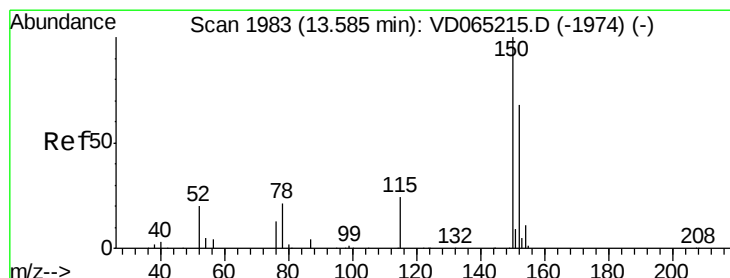
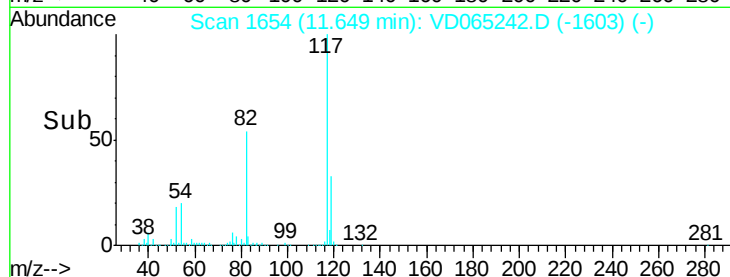
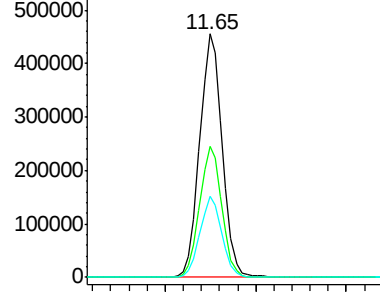
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065242.D
Acq: 19 Feb 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-005-ABCD

Tot Ion:117 Resp: 783661
Ion Ratio Lower Upper
117 100
82 53.5 42.7 64.1
119 33.3 25.5 38.3

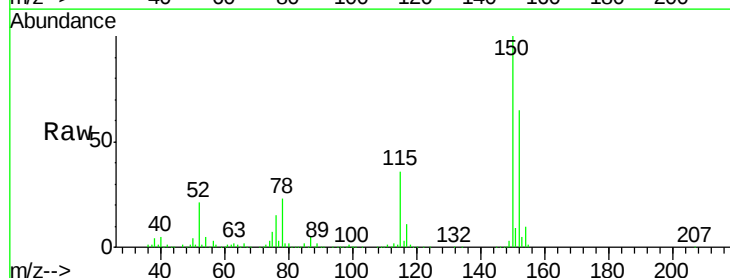


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065242.D
Acq: 19 Feb 2020 16:50

Tgt Ion:152 Resp: 359934
Ion Ratio Lower Upper
152 100
115 55.7 27.6 82.8
150 155.6 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

