

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065385.D
 Acq On : 03 Mar 2020 10:45
 Operator : VA/SY
 Sample : VD0303SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0303SBL01

Quant Time: Mar 04 05:00:11 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	556628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	937855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	854401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	386992	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	278872	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
35) Dibromofluoromethane	7.92	113	300921	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	10.34	98	1132848	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.64	95	343243	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

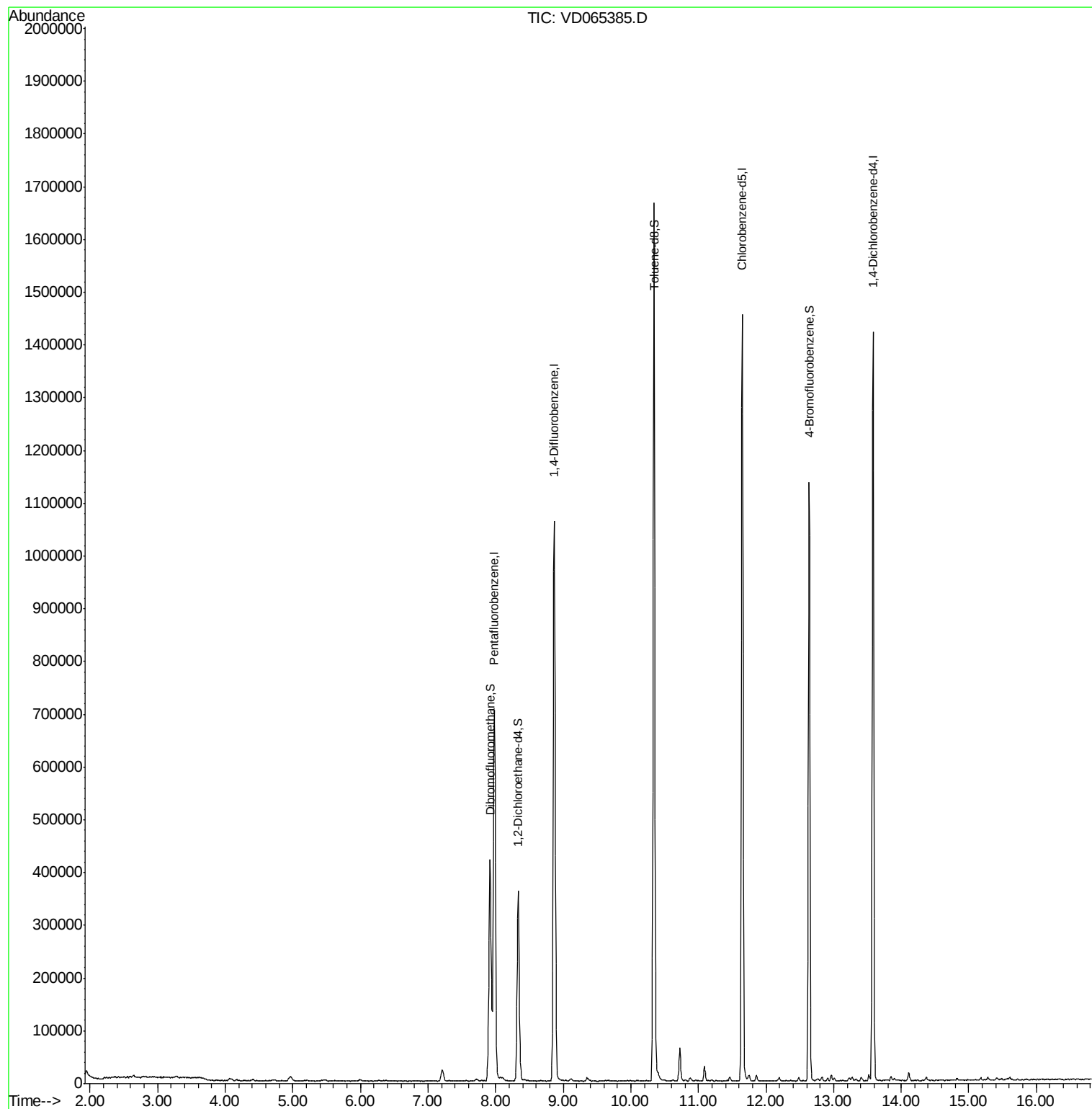
Target Compounds	Qvalue

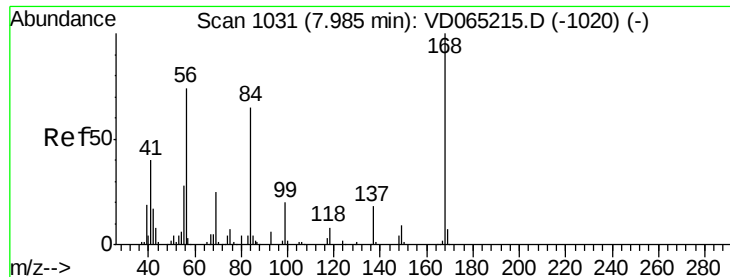
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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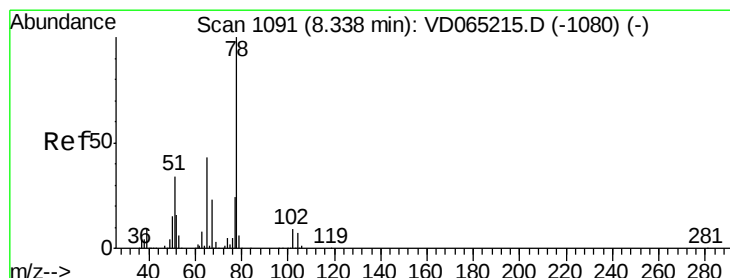
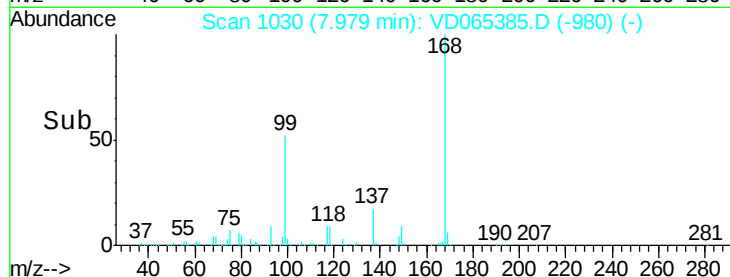
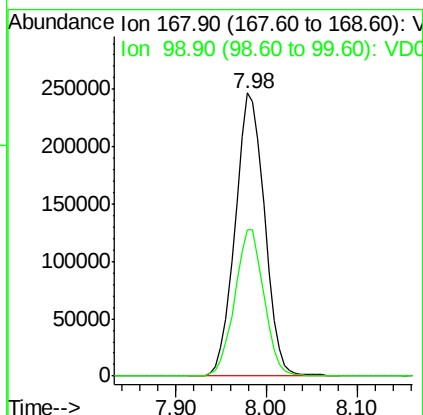
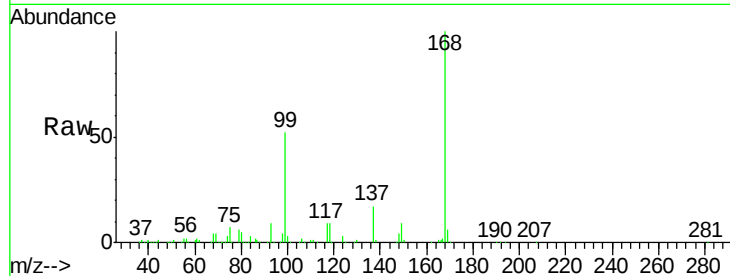




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065385.D
Acq: 03 Mar 2020 10:45

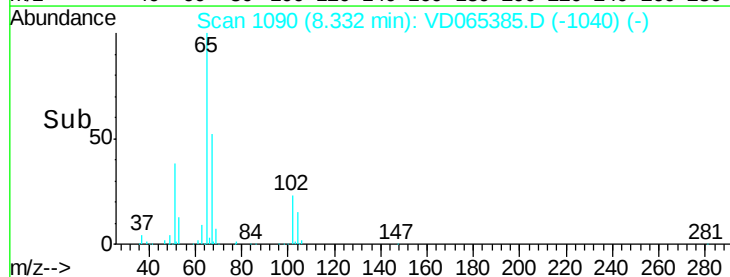
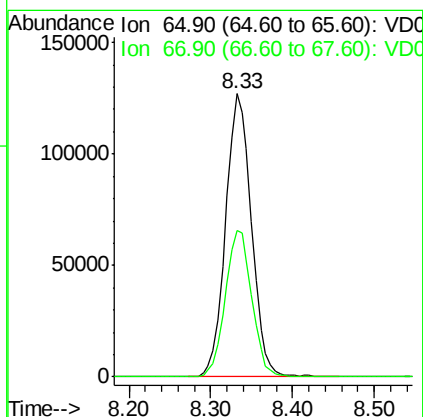
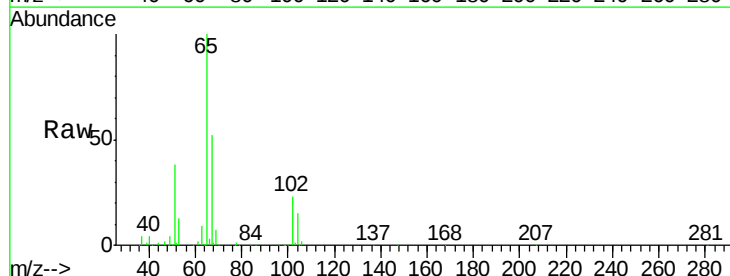
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBL01

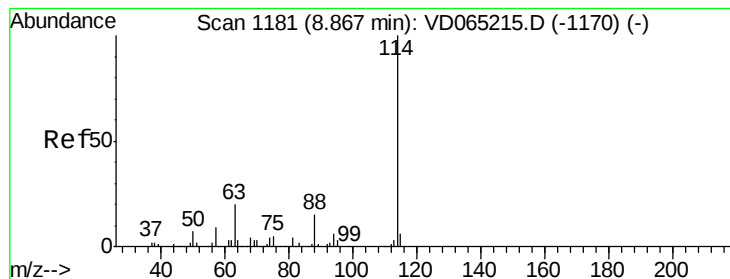
Tot Ion:168 Resp: 556628
Ion Ratio Lower Upper
168 100
99 51.5 41.4 62.2



#33
1,2-Dichloroethane-d4
Concen: 55.691 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065385.D
Acq: 03 Mar 2020 10:45

Tgt Ion: 65 Resp: 278872
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065385.D

Acq: 03 Mar 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

VD0303SBL01

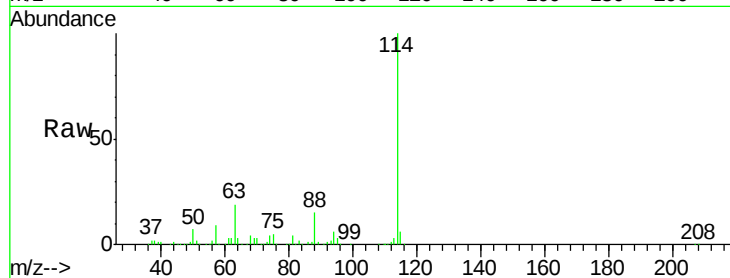
Tot Ion:114 Resp: 937855

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.4

88 14.5 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

8.87

600000

500000

400000

300000

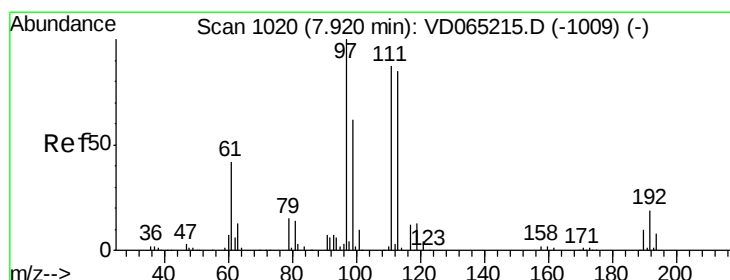
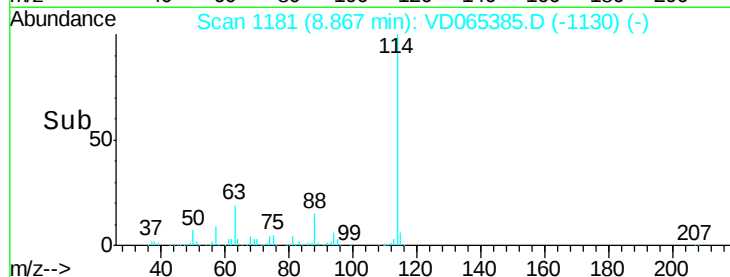
200000

100000

0

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 52.622 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065385.D

Acq: 03 Mar 2020 10:45

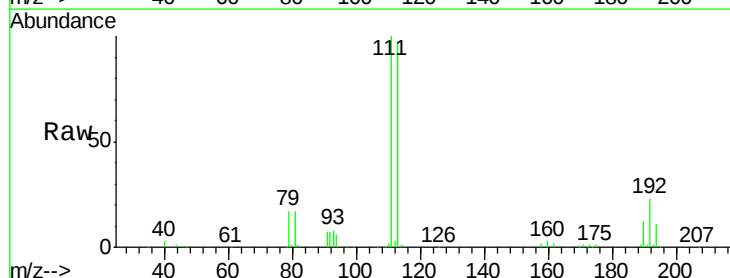
Tgt Ion:113 Resp: 300921

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

192 22.4 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

7.92

150000

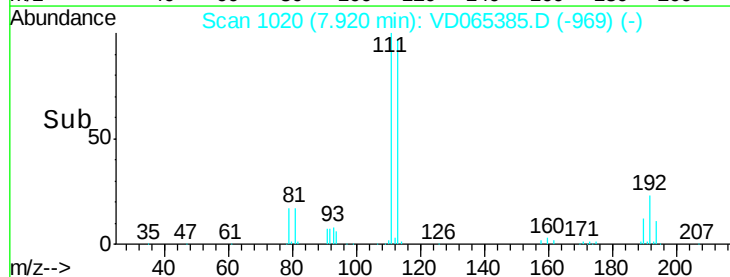
100000

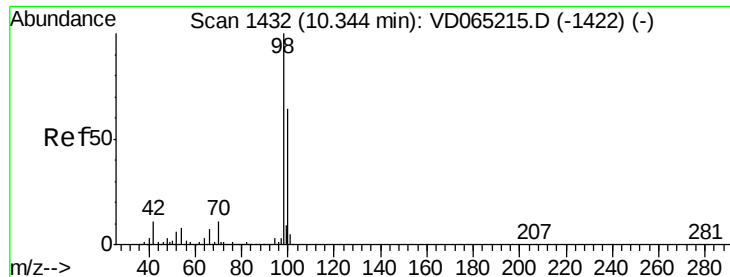
50000

0

7.80 7.90 8.00 8.10

Time-->

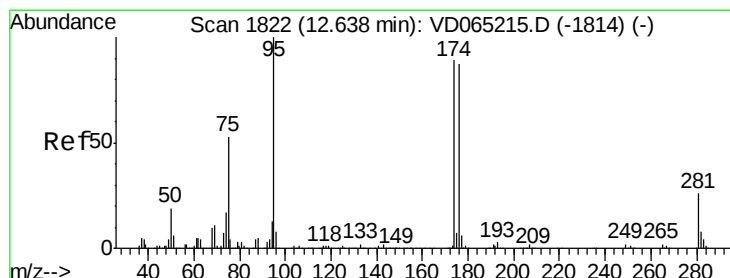
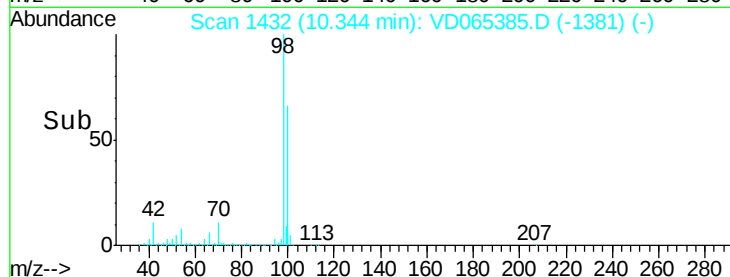
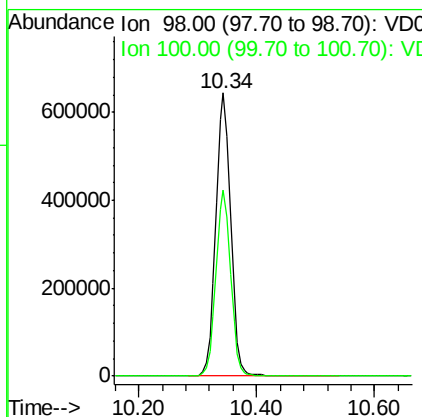
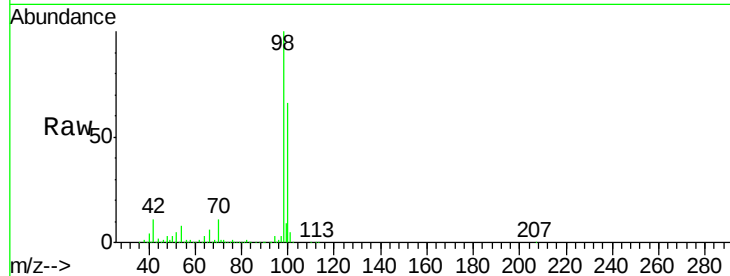




#50
Toluene-d8
Concen: 51.820 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065385.D
Acq: 03 Mar 2020 10:45

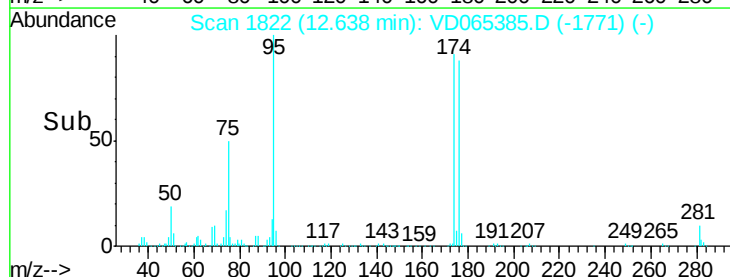
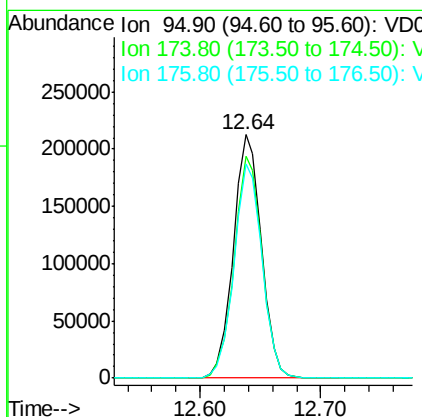
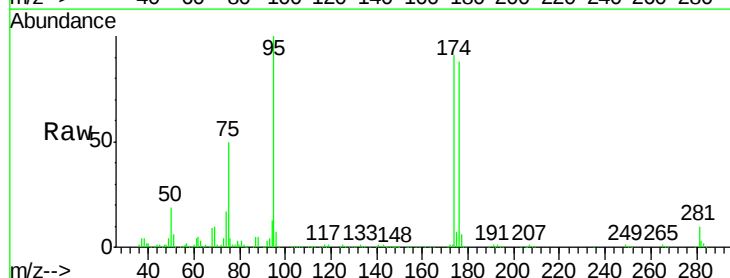
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBL01

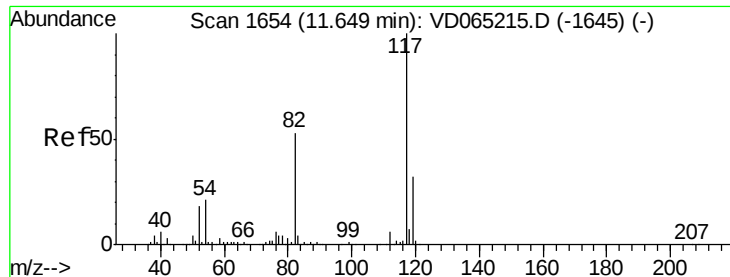
Tot Ion: 98 Resp: 1132848
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.562 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065385.D
Acq: 03 Mar 2020 10:45

Tgt Ion: 95 Resp: 343243
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.0
176 87.9 0.0 174.4

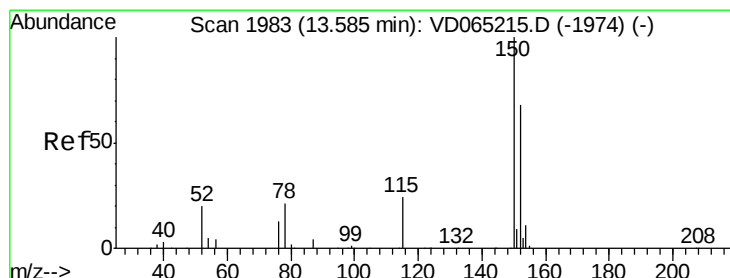
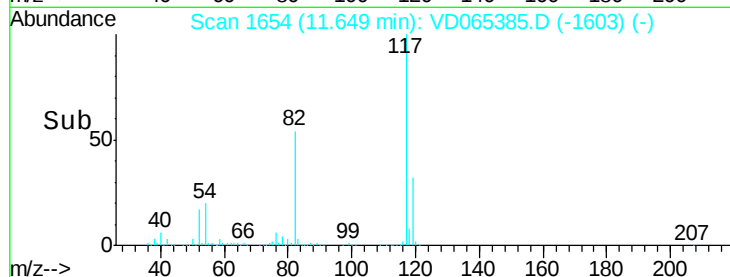
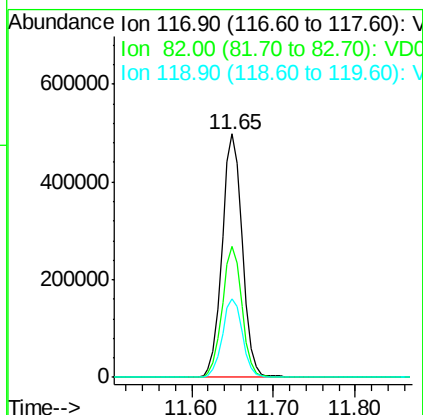
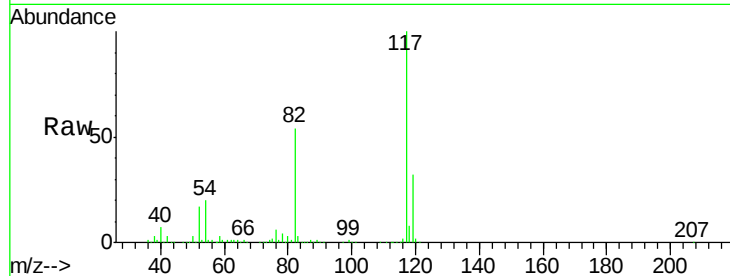




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065385.D
Acq: 03 Mar 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBL01

Tot Ion:117 Resp: 854401
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 32.3 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: VD065385.D
Acq: 03 Mar 2020 10:45

Tgt Ion:152 Resp: 386992
Ion Ratio Lower Upper
152 100
115 56.6 27.6 82.8
150 158.7 0.0 347.4

