

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065352.D
 Acq On : 28 Feb 2020 11:02
 Operator : VA/SY
 Sample : VD0228SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0228SBL01

Quant Time: Feb 28 16:16:47 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	7.99	168	597818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	975040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	872421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	392875	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	279096	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.92	113	303660	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.34	98	1157962	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.64	95	347411	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

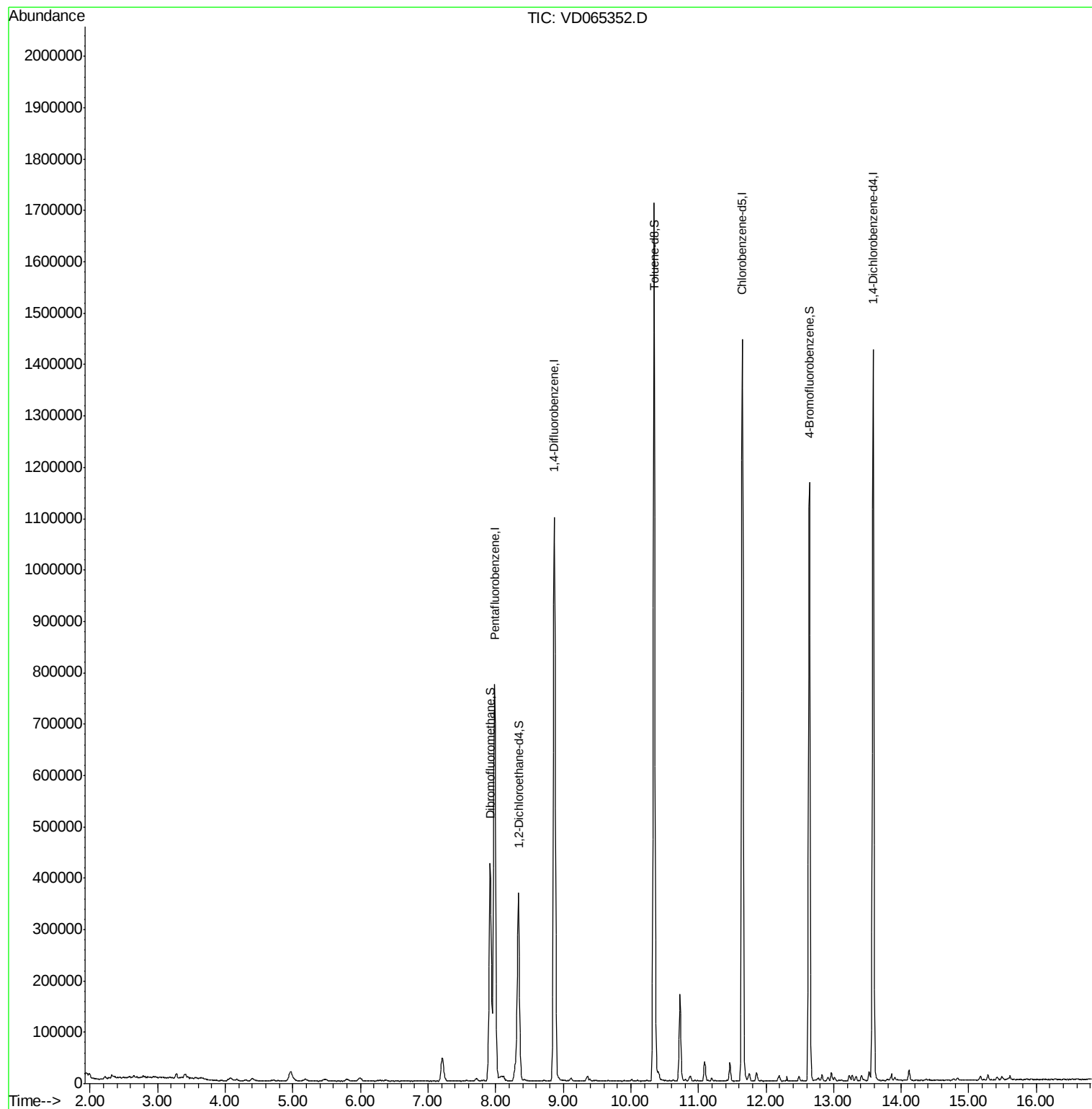
Target Compounds	Qvalue

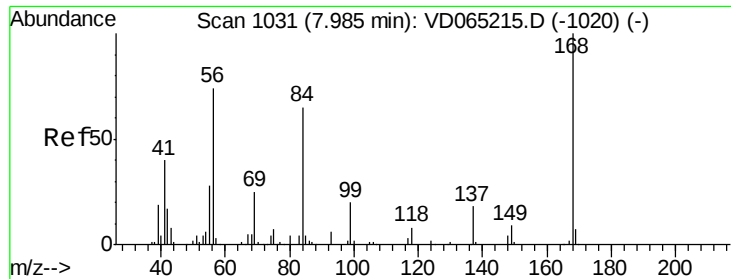
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022820\
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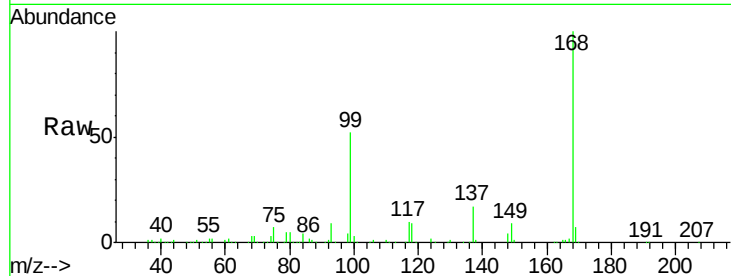




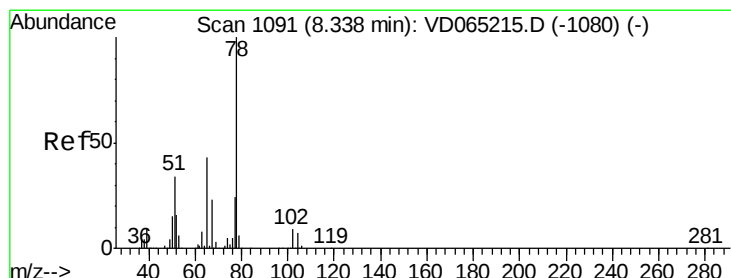
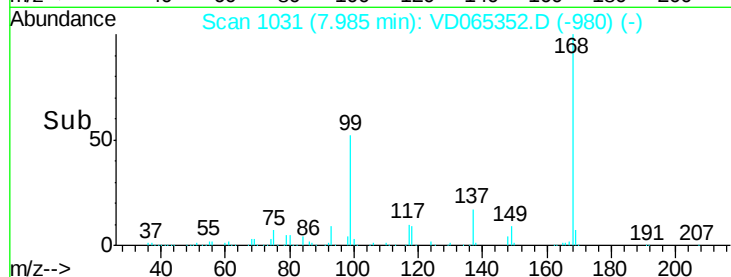
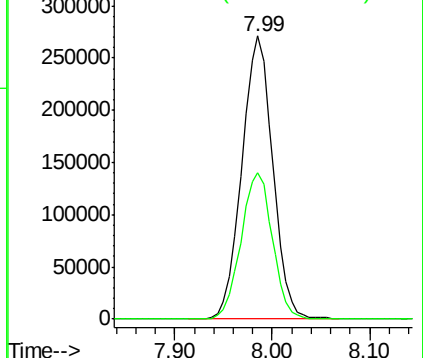
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065352.D
Acq: 28 Feb 2020 11:02

Instrument :
MSVOA_D
ClientSampleId :
VD0228SBL01

Tot Ion:168 Resp: 597818
Ion Ratio Lower Upper
168 100
99 51.5 41.4 62.2

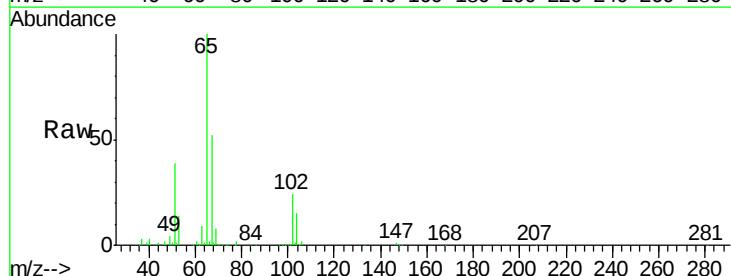


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

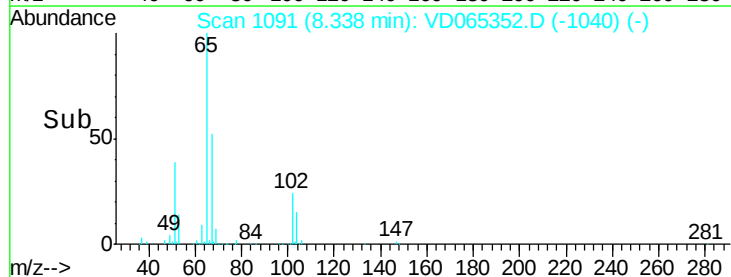
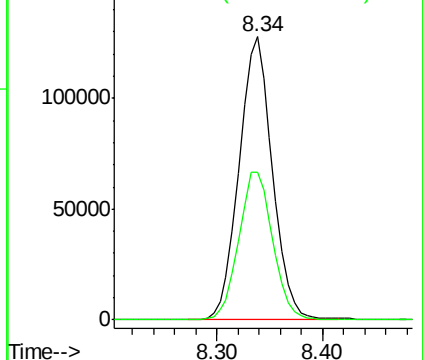


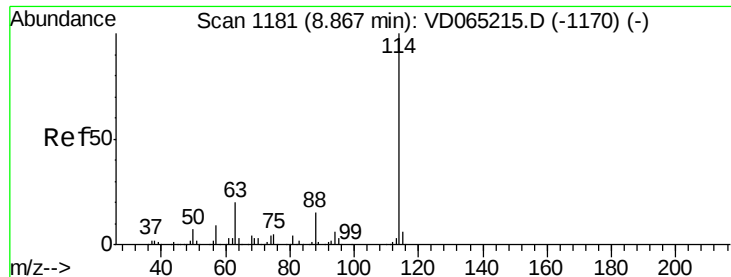
#33
1,2-Dichloroethane-d4
Concen: 51.896 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065352.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 65 Resp: 279096
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.8



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: VD065352.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBL01

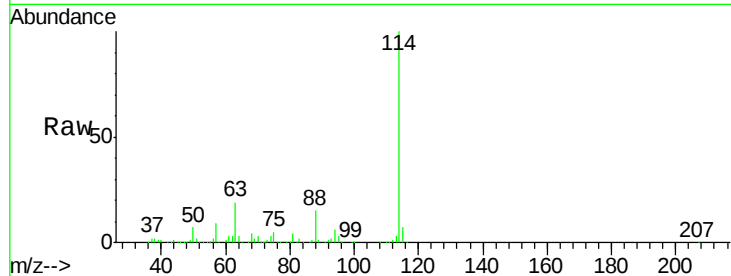
Tot Ion:114 Resp: 975040

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

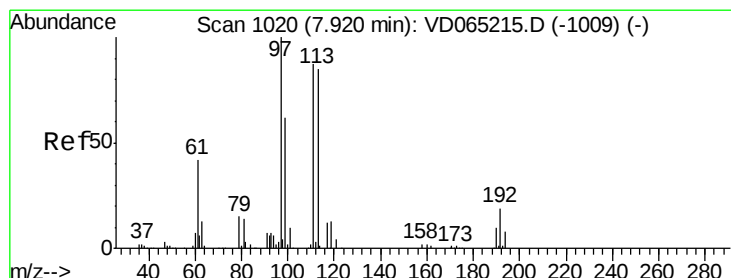
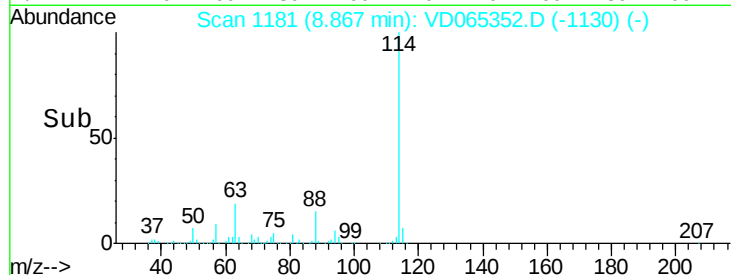
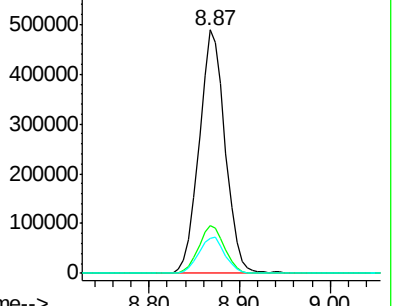
88 14.5 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 51.076 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065352.D

Acq: 28 Feb 2020 11:02

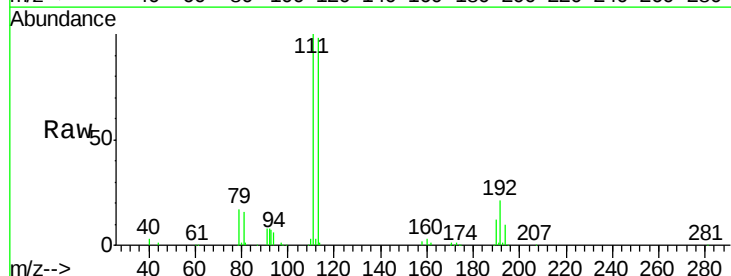
Tgt Ion:113 Resp: 303660

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

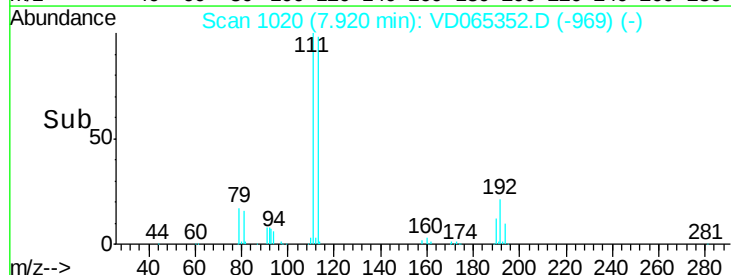
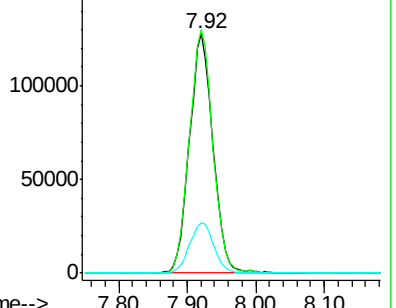
192 21.7 17.3 25.9



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: 50.949 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065352.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_D

ClientSampleId :

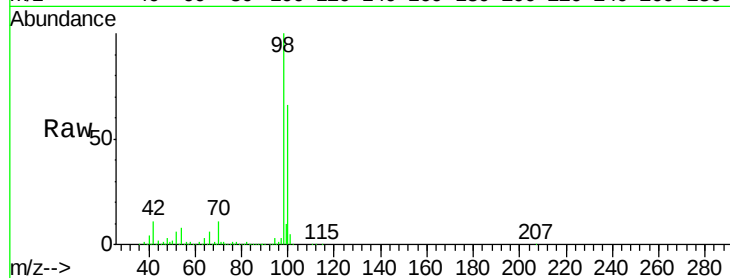
VD0228SBL01

Tot Ion: 98 Resp: 1157962

Ion Ratio Lower Upper

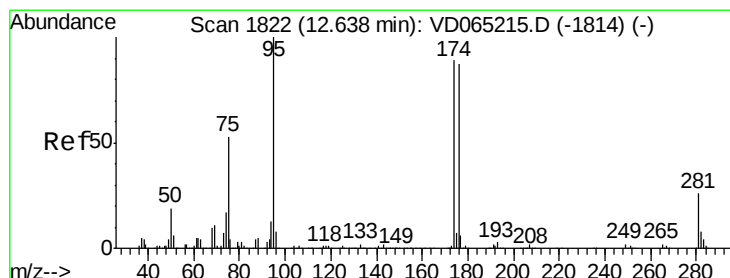
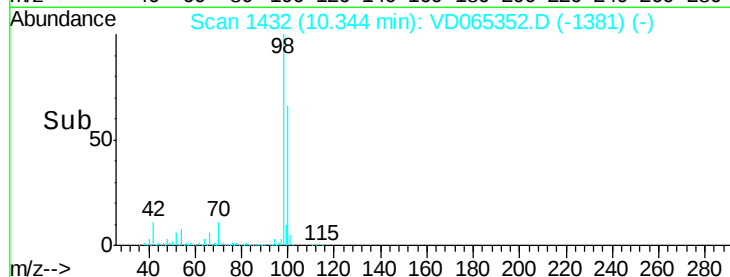
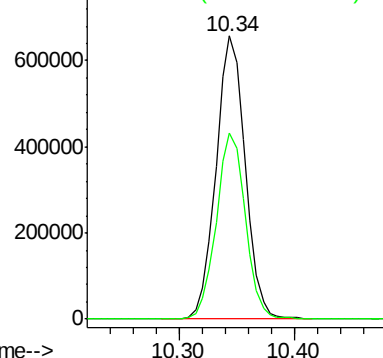
98 100

100 65.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VD

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 48.251 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065352.D

Acq: 28 Feb 2020 11:02

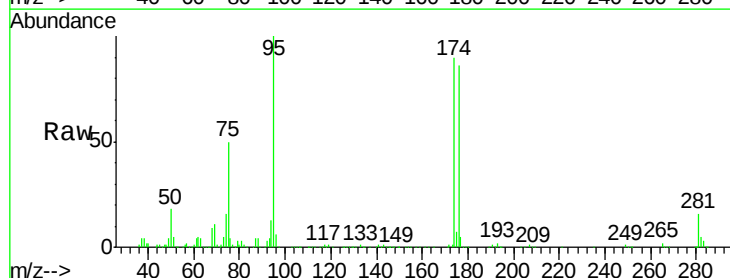
Tgt Ion: 95 Resp: 347411

Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.0

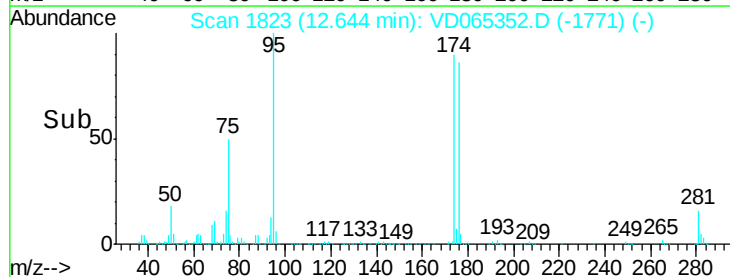
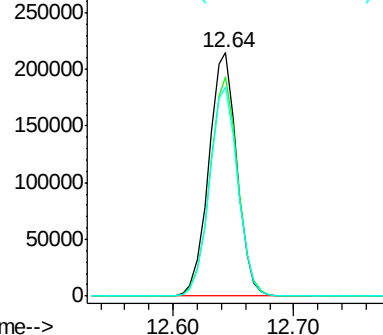
176 86.5 0.0 174.4

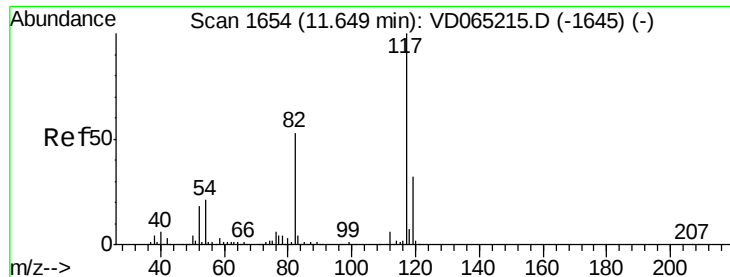


Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

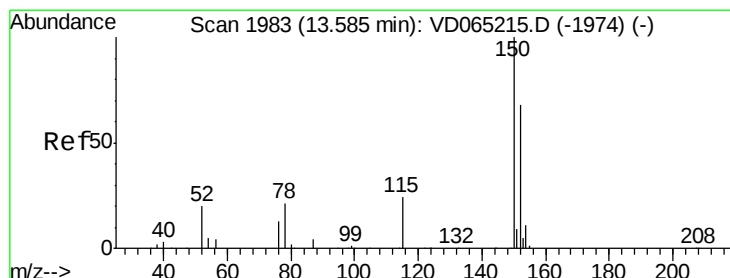
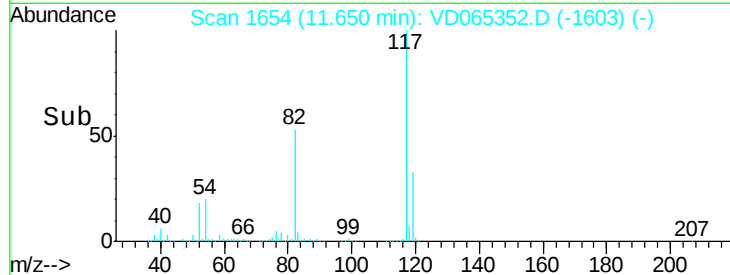
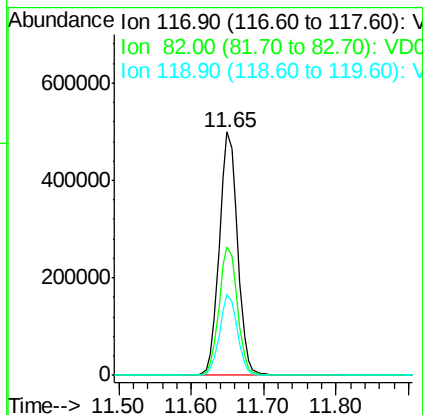
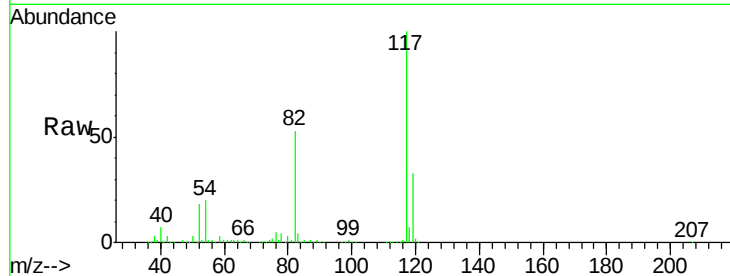




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065352.D
Acq: 28 Feb 2020 11:02

Instrument :
MSVOA_D
ClientSampleId :
VD0228SBL01

Tot Ion:117 Resp: 872421
Ion Ratio Lower Upper
117 100
82 52.8 42.7 64.1
119 33.2 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: VD065352.D
Acq: 28 Feb 2020 11:02

Tgt Ion:152 Resp: 392875
Ion Ratio Lower Upper
152 100
115 55.9 27.6 82.8
150 156.6 0.0 347.4

