

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065045.D
 Acq On : 03 Feb 2020 10:47
 Operator : VA/SY
 Sample : VD0203SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBL01

Quant Time: Feb 03 11:23:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	579855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	895740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	883091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	421145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	269667	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.92	113	273684	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	10.34	98	1084803	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.64	95	376985	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	

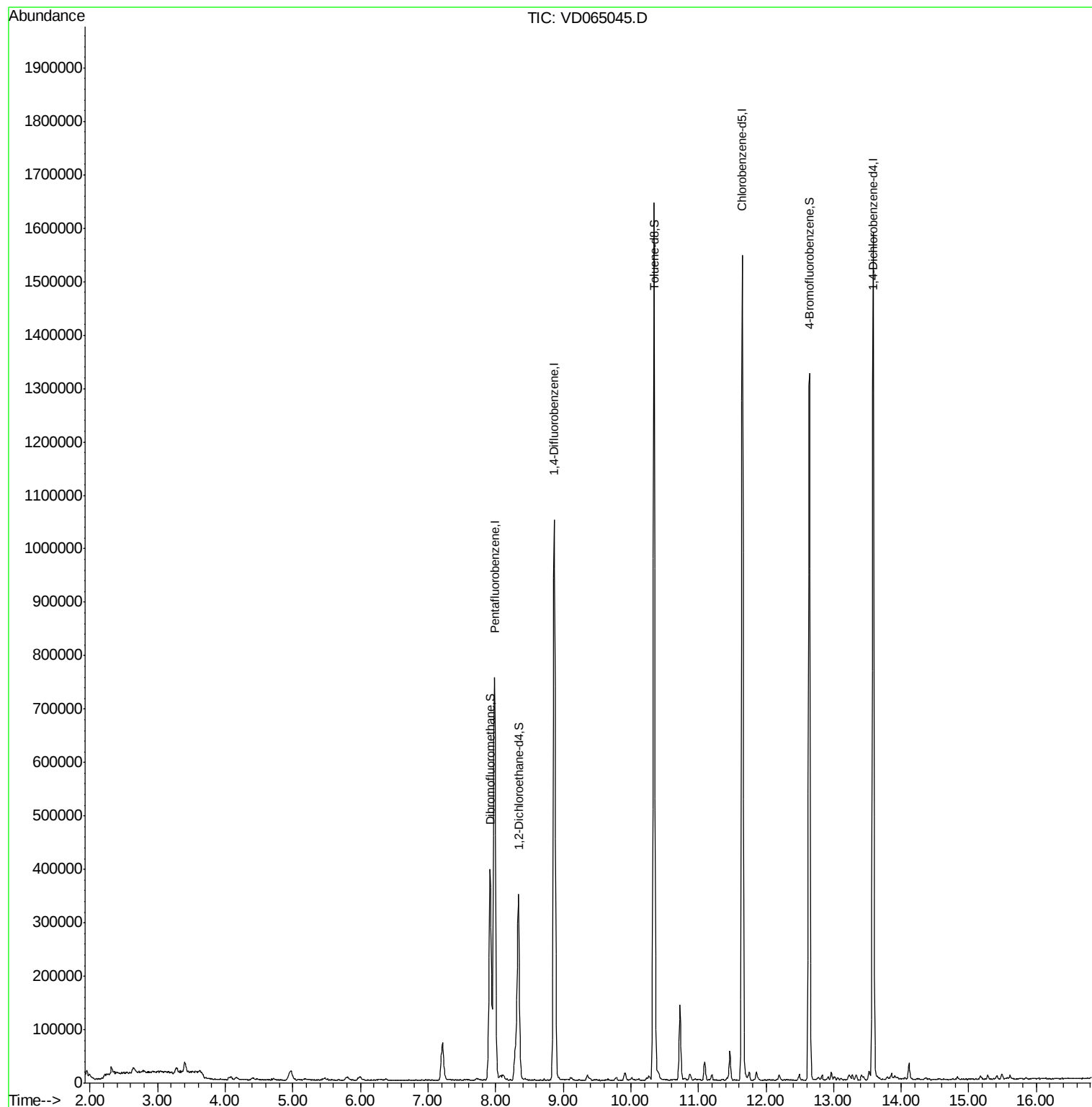
Target Compounds	Qvalue

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

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QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065045.D

Acq: 03 Feb 2020 10:47

Instrument :

MSVOA_D

ClientSampleId :

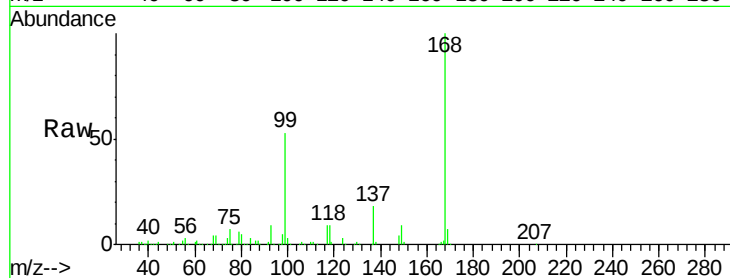
VD0203SBL01

Tot Ion:168 Resp: 579855

Ion Ratio Lower Upper

168 100

99 53.2 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

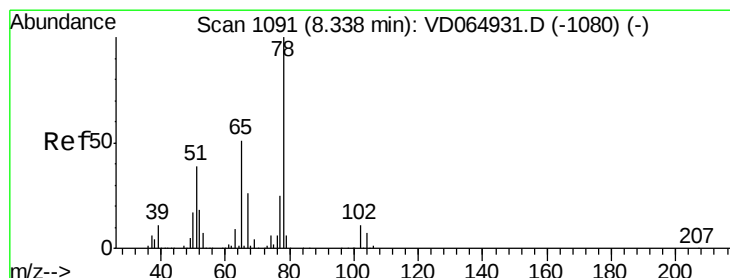
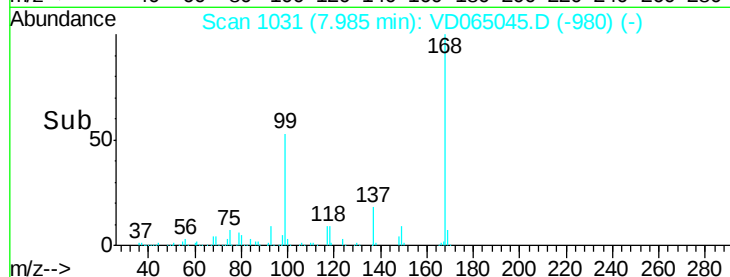
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.483 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065045.D

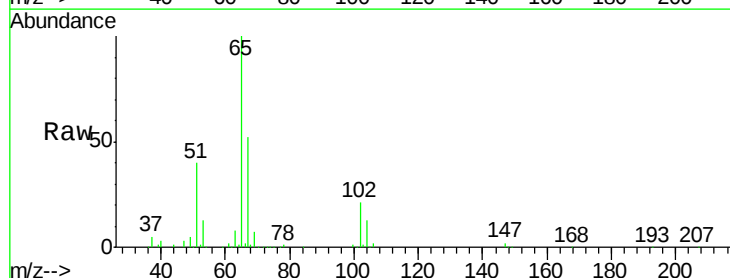
Acq: 03 Feb 2020 10:47

Tgt Ion: 65 Resp: 269667

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

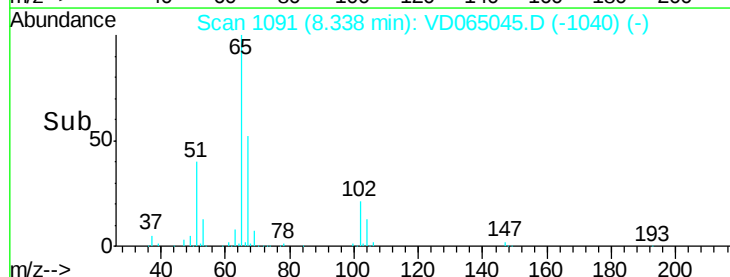
8.34

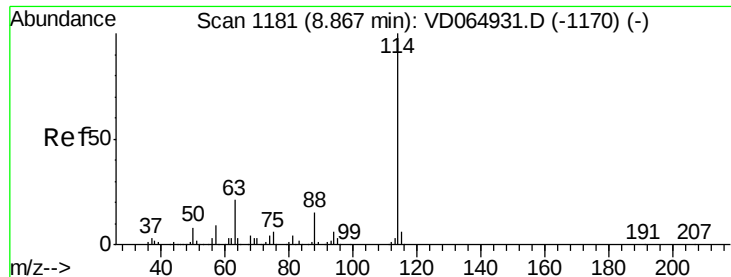
100000

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: VD065045.D

Acq: 03 Feb 2020 10:47

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBL01

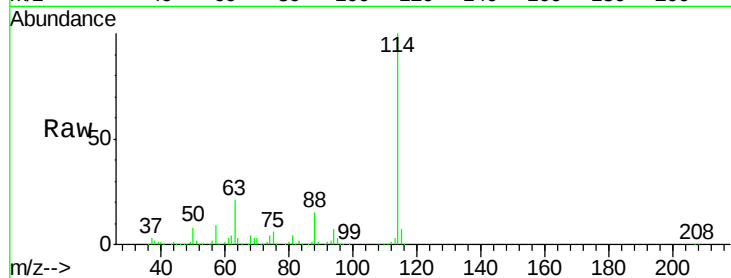
Tot Ion:114 Resp: 895740

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

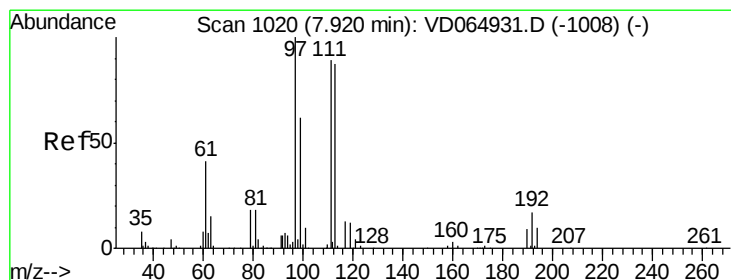
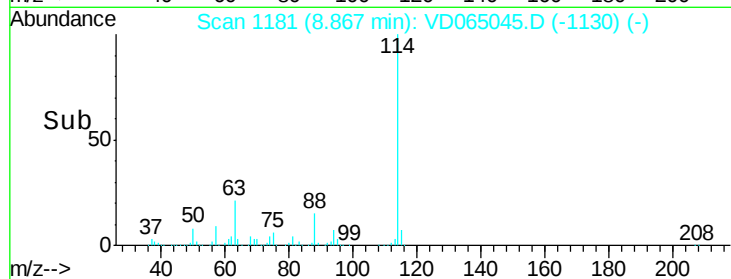
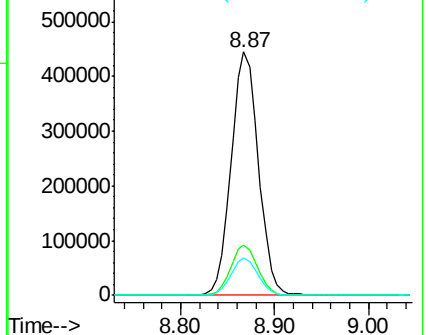
88 15.2 0.0 29.4



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: 48.621 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065045.D

Acq: 03 Feb 2020 10:47

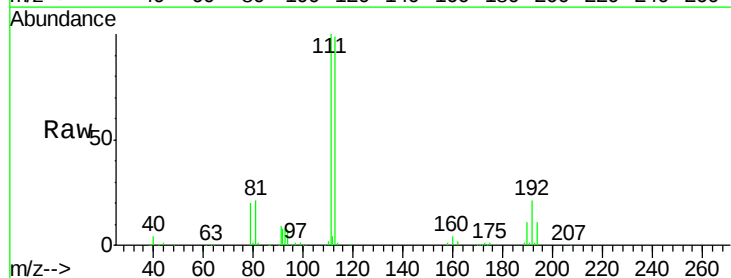
Tgt Ion:113 Resp: 273684

Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

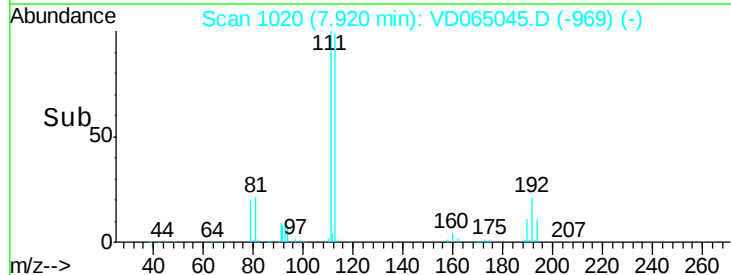
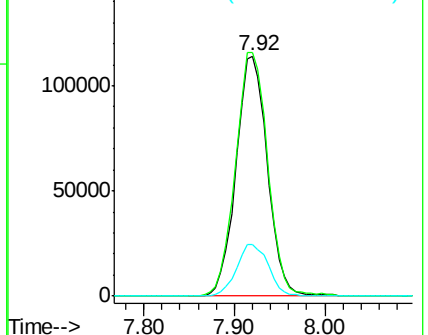
192 22.0 16.9 25.3

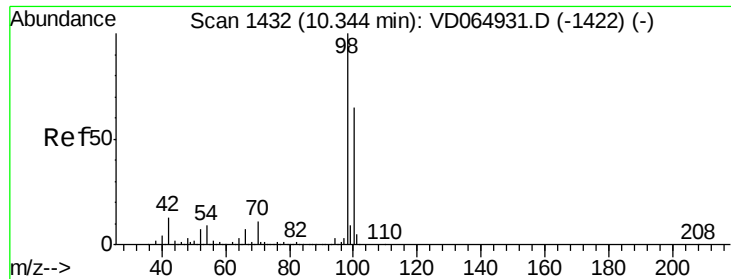


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.932 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065045.D

Acq: 03 Feb 2020 10:47

Instrument :

MSVOA_D

ClientSampleId :

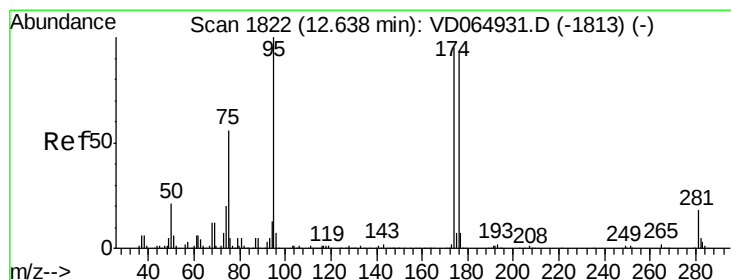
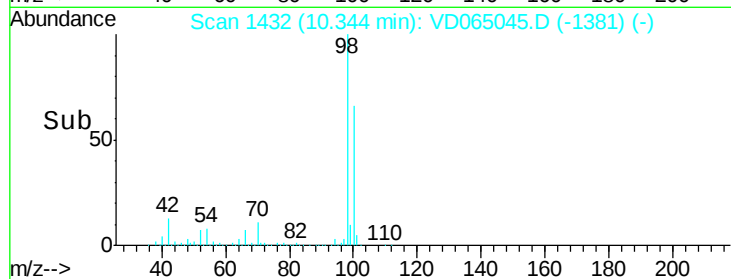
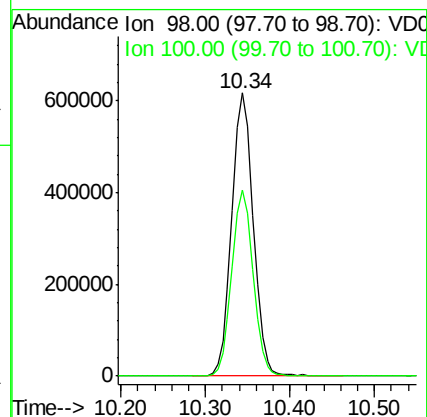
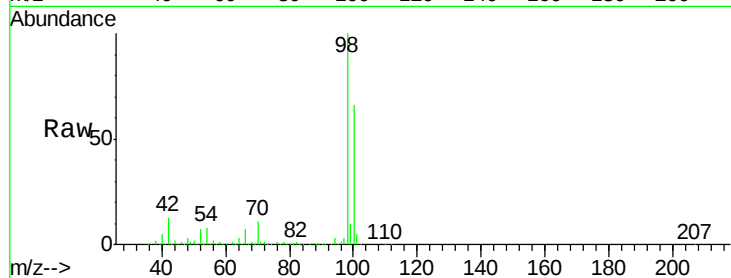
VD0203SBL01

Tot Ion: 98 Resp: 1084803

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 56.702 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065045.D

Acq: 03 Feb 2020 10:47

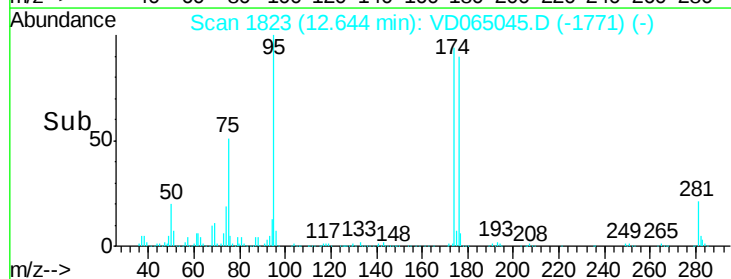
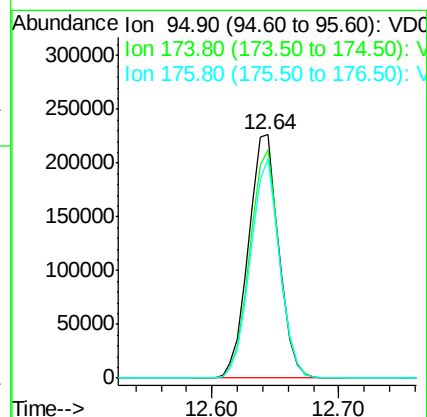
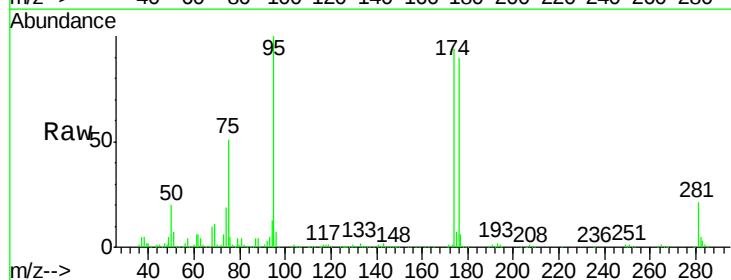
Tgt Ion: 95 Resp: 376985

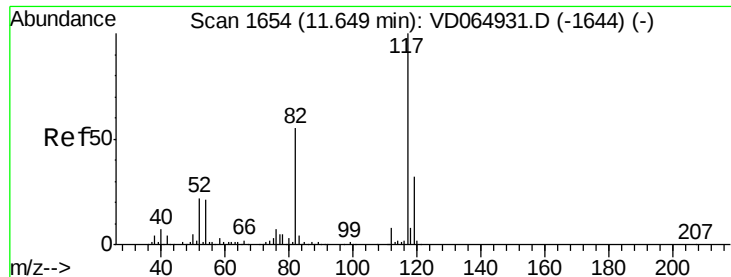
Ion Ratio Lower Upper

95 100

174 91.4 0.0 186.8

176 87.3 0.0 183.4

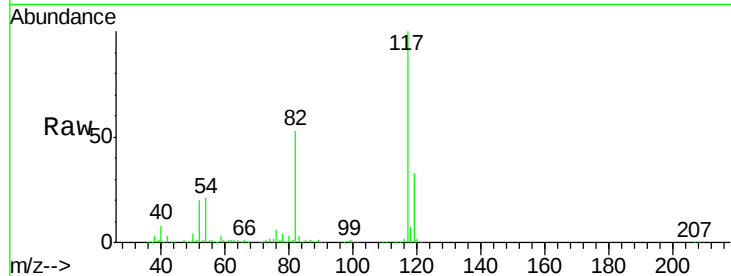




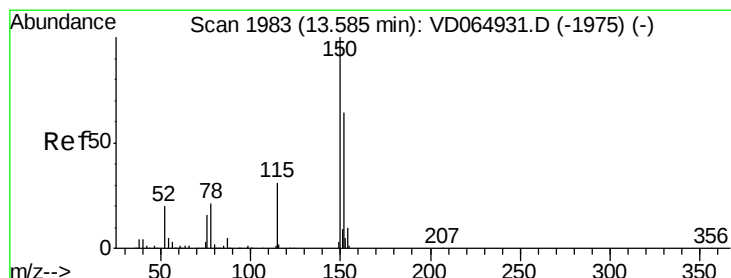
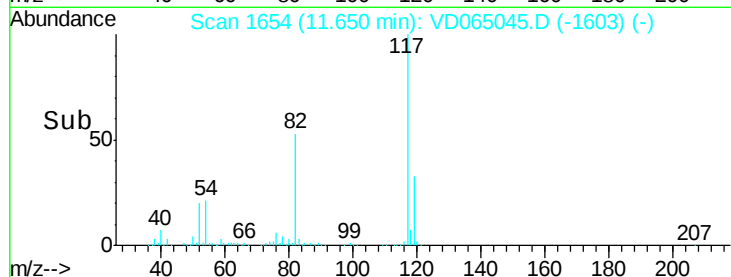
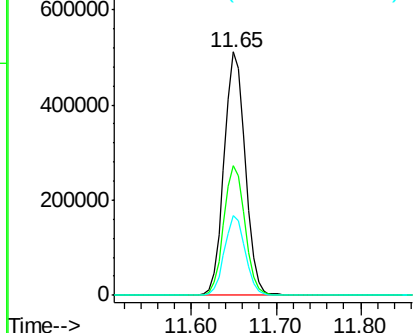
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065045.D
Acq: 03 Feb 2020 10:47

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBL01

Tot Ion:117 Resp: 883091
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.6 25.2 37.8

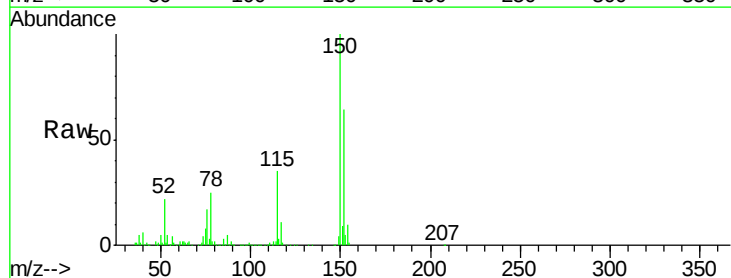


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065045.D
Acq: 03 Feb 2020 10:47

Tgt Ion:152 Resp: 421145
Ion Ratio Lower Upper
152 100
115 54.6 28.1 84.4
150 155.9 0.0 350.4



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

