

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112219\
 Data File : VD064340.D
 Acq On : 22 Nov 2019 11:38
 Operator : VA/SY
 Sample : VD1122SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1122SBL01

Quant Time: Nov 23 01:00:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	897780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1291310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1138293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	551903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	376912	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.92	113	383425	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.34	98	1486999	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.64	95	489959	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

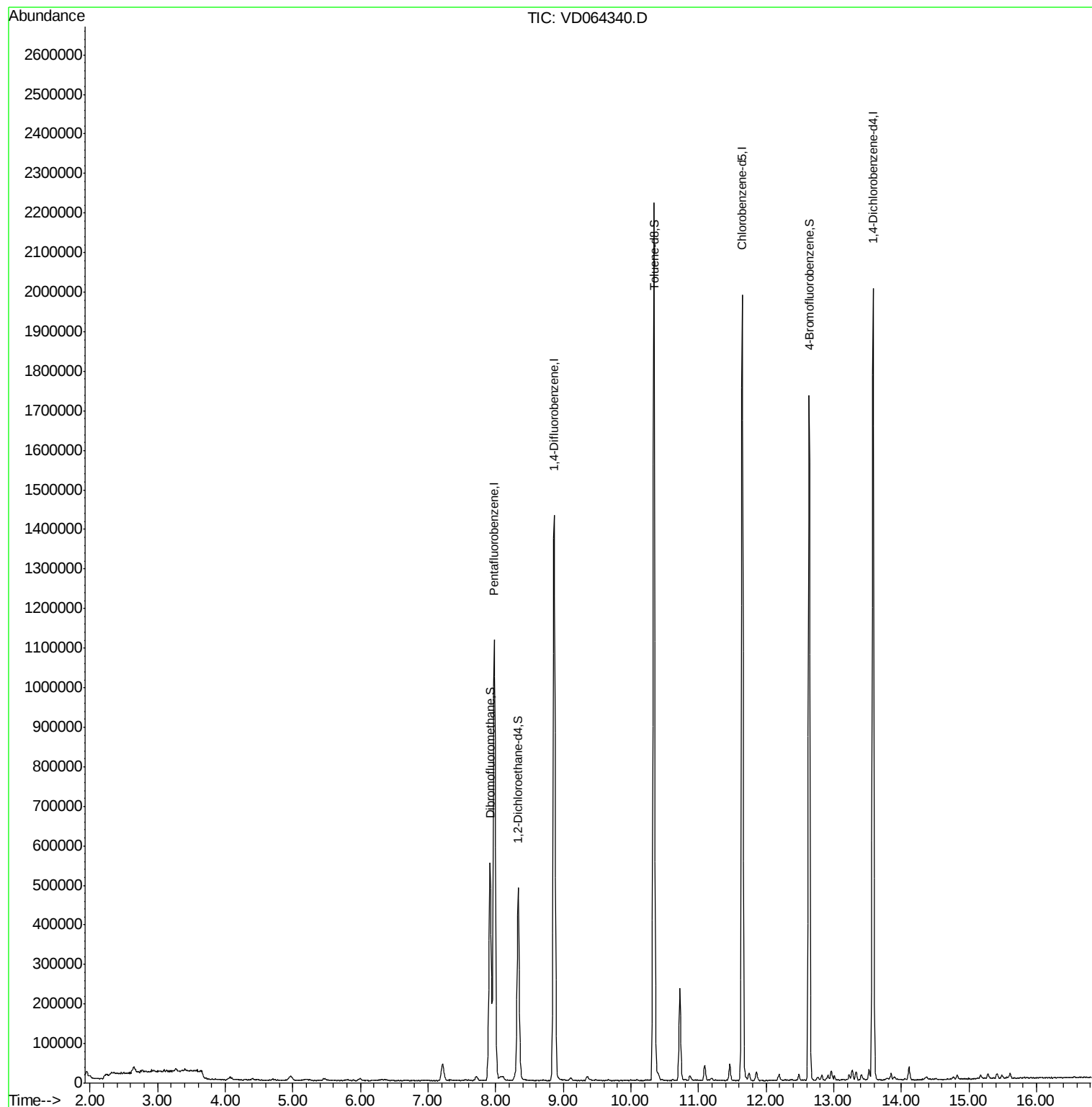
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064340.D

Acq: 22 Nov 2019 11:38

Instrument :

MSVOA_D

ClientSampleId :

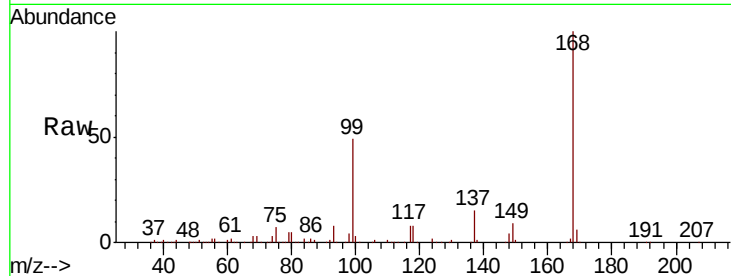
VD1122SBL01

Tot Ion:168 Resp: 897780

Ion Ratio Lower Upper

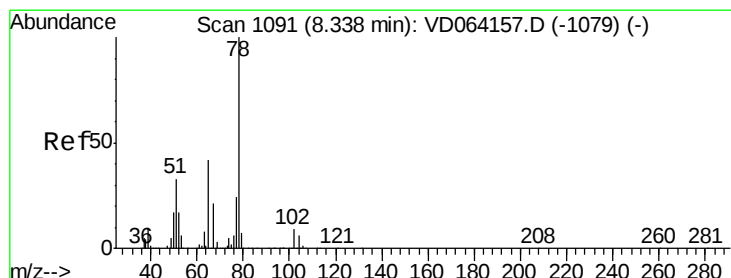
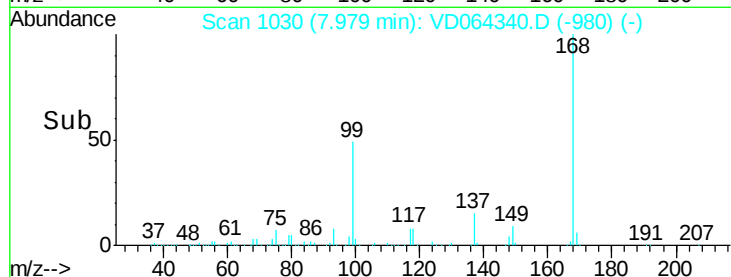
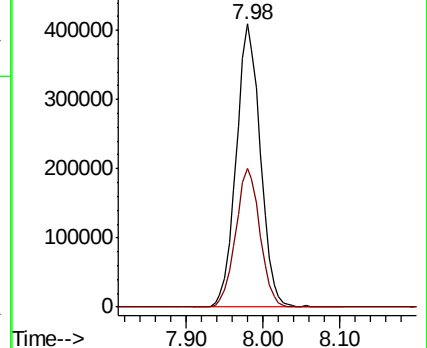
168 100

99 48.8 41.6 62.4



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: 51.046 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064340.D

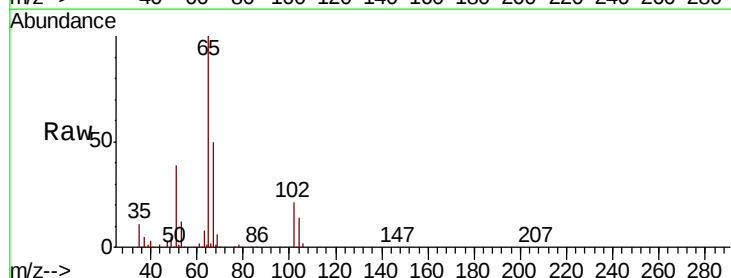
Acq: 22 Nov 2019 11:38

Tgt Ion: 65 Resp: 376912

Ion Ratio Lower Upper

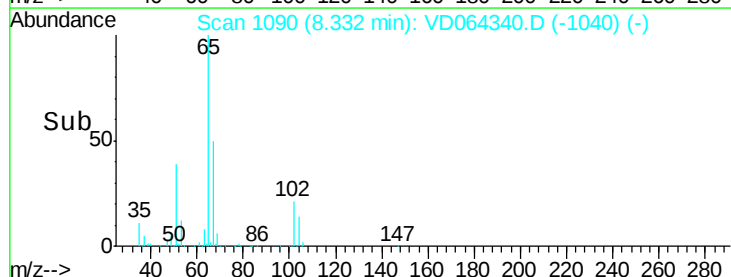
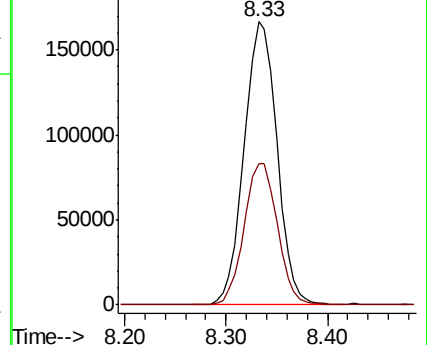
65 100

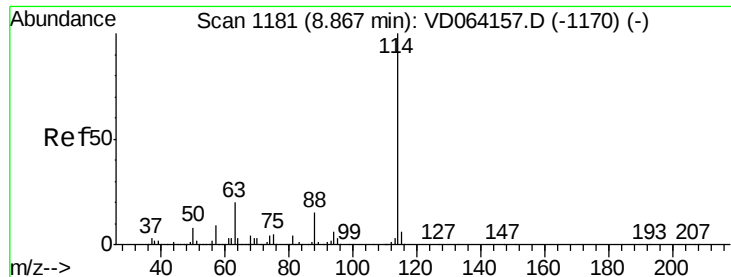
67 50.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

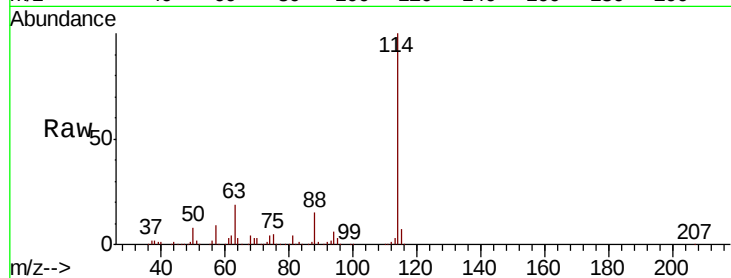




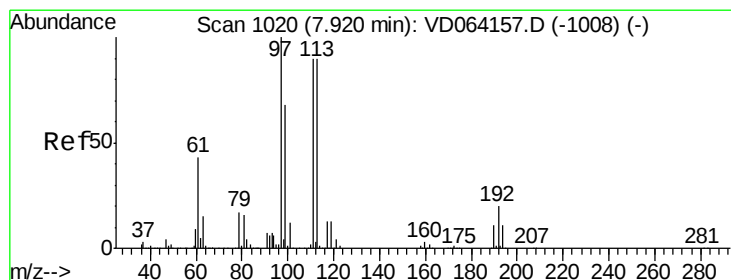
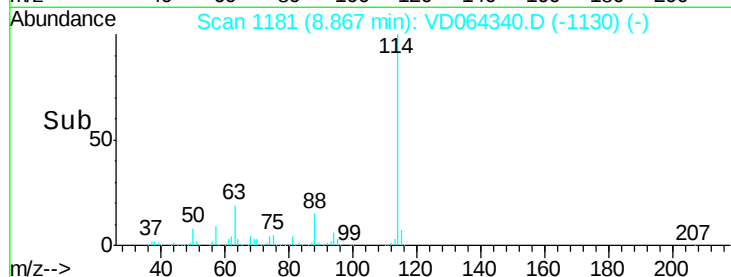
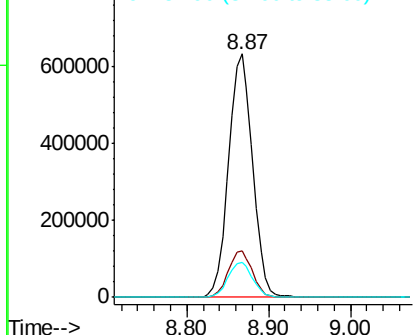
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064340.D
 Acq: 22 Nov 2019 11:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1122SBL01

Tot Ion:114 Resp: 1291310
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 14.6 0.0 30.2

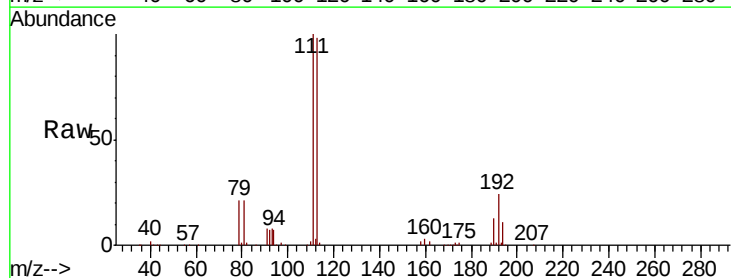


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

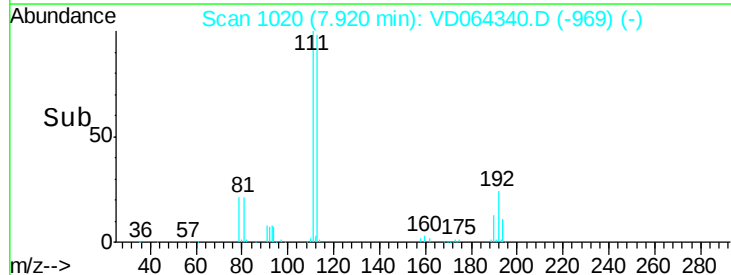
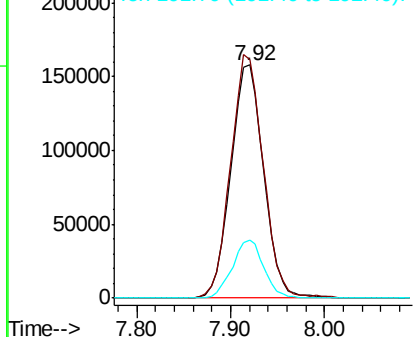


#35
 Dibromofluoromethane
 Concen: 51.728 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064340.D
 Acq: 22 Nov 2019 11:38

Tgt Ion:113 Resp: 383425
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.5 122.3
 192 23.8 18.8 28.2



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: 53.178 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064340.D

Acq: 22 Nov 2019 11:38

Instrument :

MSVOA_D

ClientSampleId :

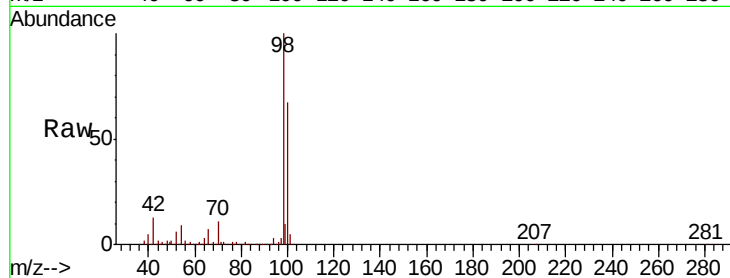
VD1122SBL01

Tot Ion: 98 Resp: 1486999

Ion Ratio Lower Upper

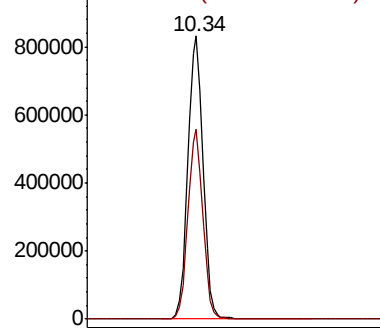
98 100

100 65.7 52.6 78.8

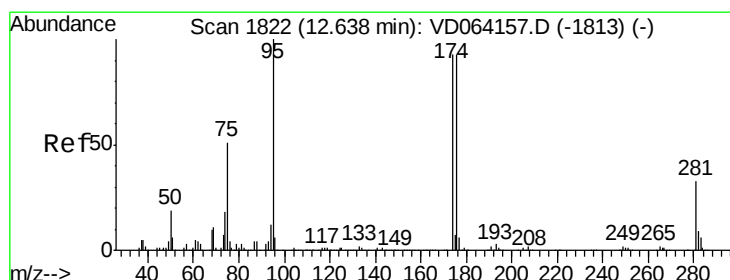
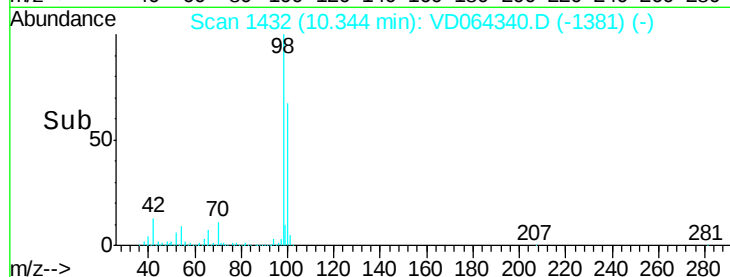


Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 50.597 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064340.D

Acq: 22 Nov 2019 11:38

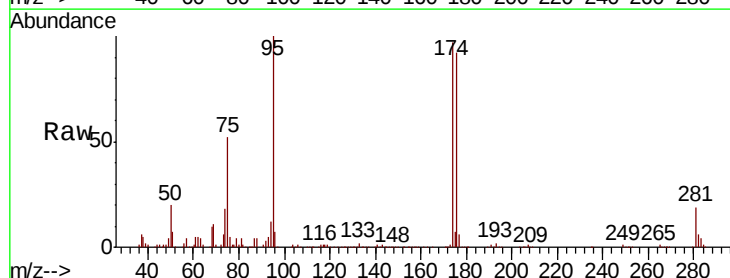
Tgt Ion: 95 Resp: 489959

Ion Ratio Lower Upper

95 100

174 96.5 0.0 183.6

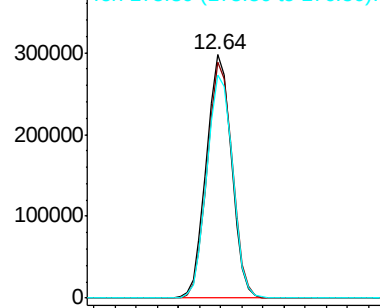
176 93.4 0.0 180.2



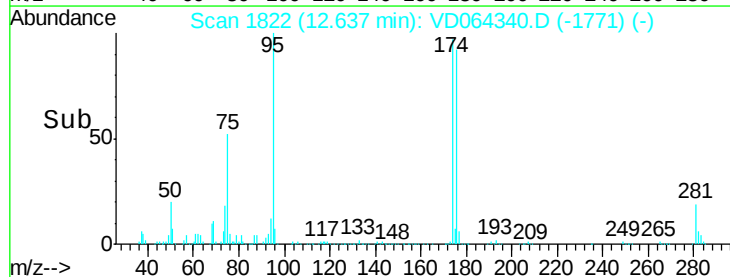
Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



Time-->

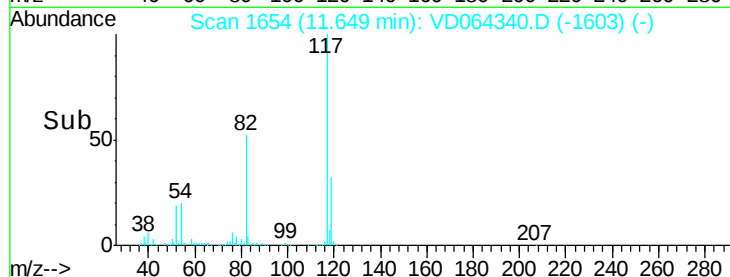
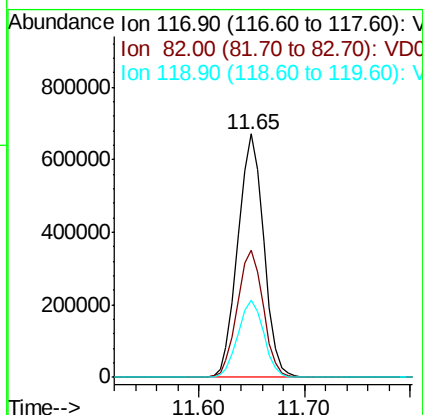
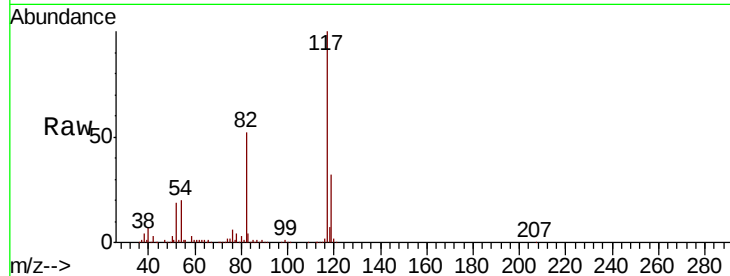




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064340.D
Acq: 22 Nov 2019 11:38

Instrument :
MSVOA_D
ClientSampleId :
VD1122SBL01

Tot Ion:117 Resp: 1138293
Ion Ratio Lower Upper
117 100
82 52.1 42.8 64.2
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064340.D
Acq: 22 Nov 2019 11:38

Tgt Ion:152 Resp: 551903
Ion Ratio Lower Upper
152 100
115 54.4 27.4 82.2
150 158.0 0.0 351.6

