

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064353.D
 Acq On : 25 Nov 2019 11:30
 Operator : VA/SY
 Sample : VD1125SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBL01

Quant Time: Nov 26 05:46:47 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	848359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1229748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1081645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	531316	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	361871	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
35) Dibromofluoromethane	7.91	113	370347	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	10.34	98	1434410	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
62) 4-Bromofluorobenzene	12.64	95	466458	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

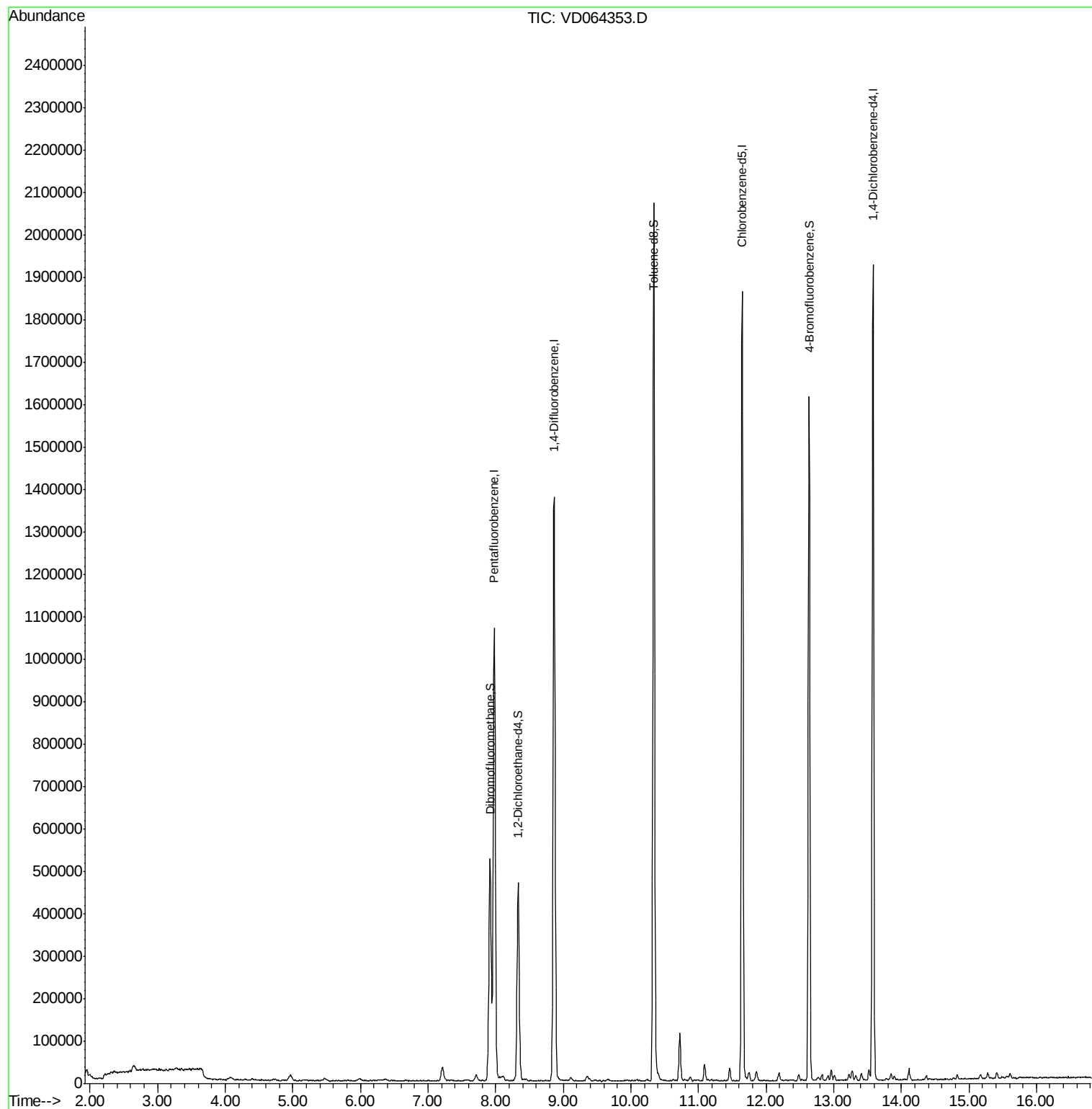
Target Compounds	Qvalue

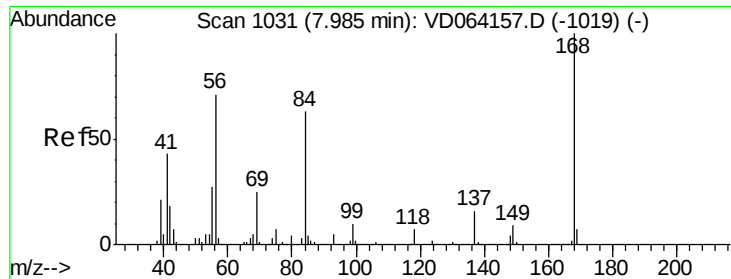
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064353.D

Acq: 25 Nov 2019 11:30

Instrument :

MSVOA_D

ClientSampleId :

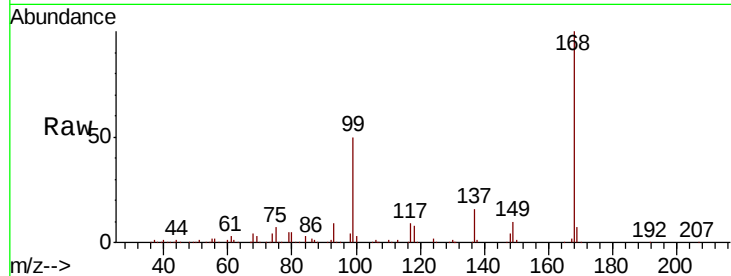
VD1125SBL01

Tot Ion:168 Resp: 848359

Ion Ratio Lower Upper

168 100

99 50.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

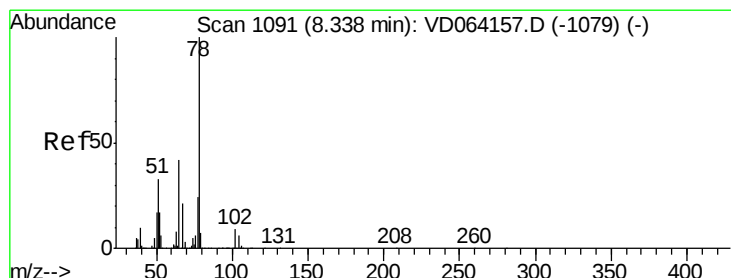
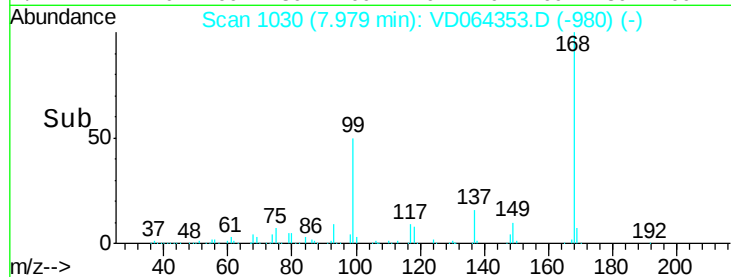
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.864 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064353.D

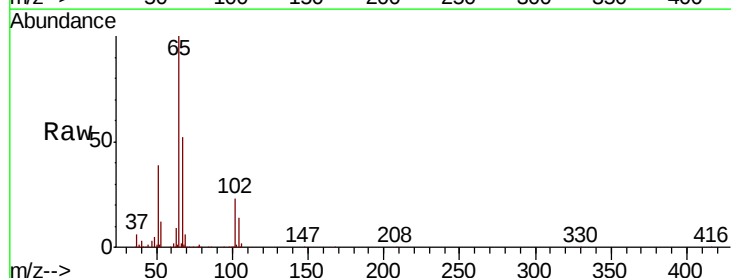
Acq: 25 Nov 2019 11:30

Tgt Ion: 65 Resp: 361871

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

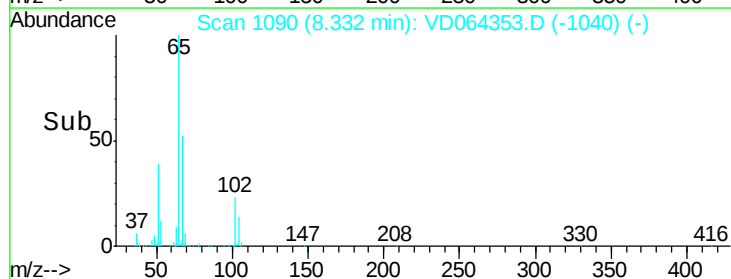
150000

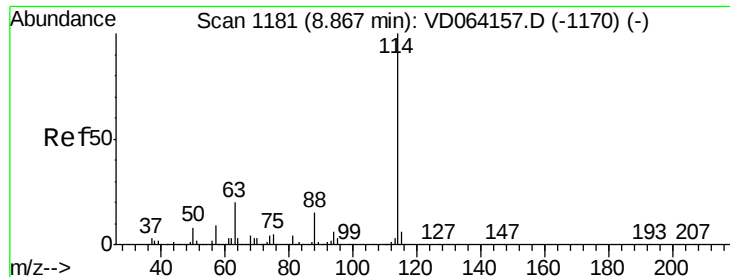
100000

50000

0

Time-->

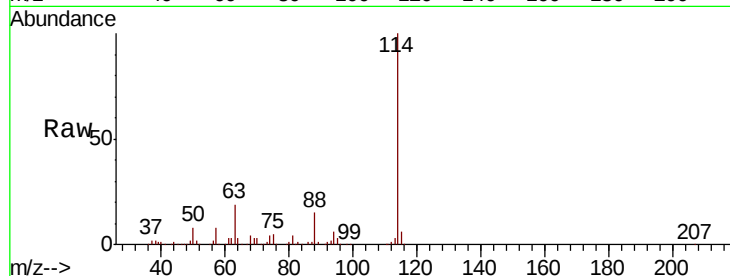




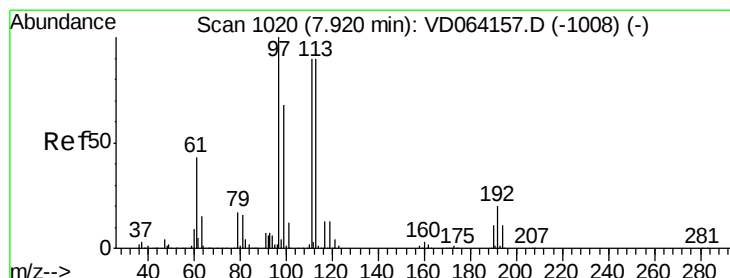
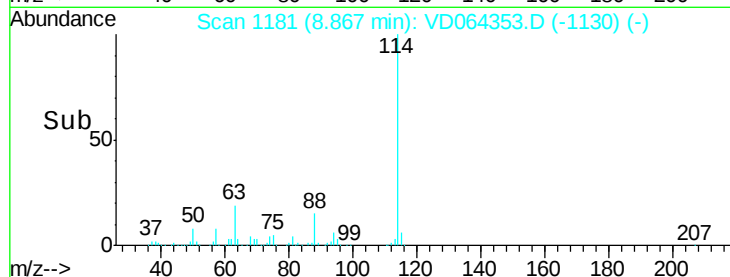
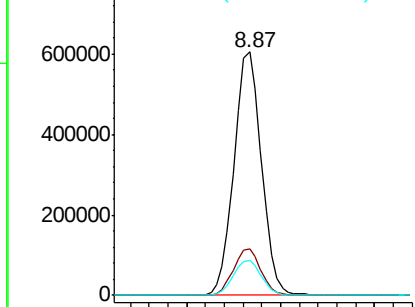
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBL01

Tot Ion:114 Resp: 1229748
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 14.5 0.0 30.2

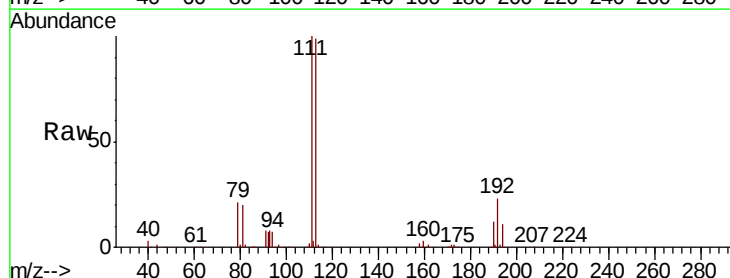


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

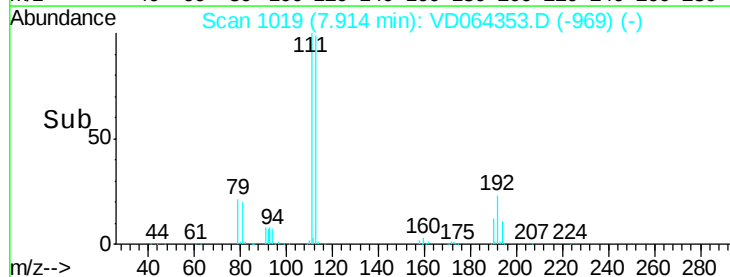
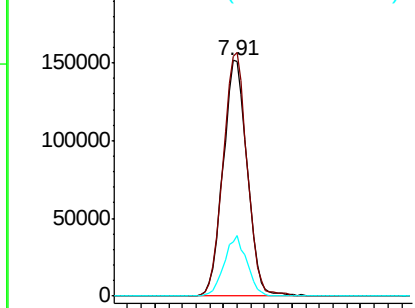


#35
Dibromofluoromethane
Concen: 52.465 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion:113 Resp: 370347
Ion Ratio Lower Upper
113 100
111 102.8 81.5 122.3
192 23.9 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: 53.866 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064353.D

Acq: 25 Nov 2019 11:30

Instrument :

MSVOA_D

ClientSampleId :

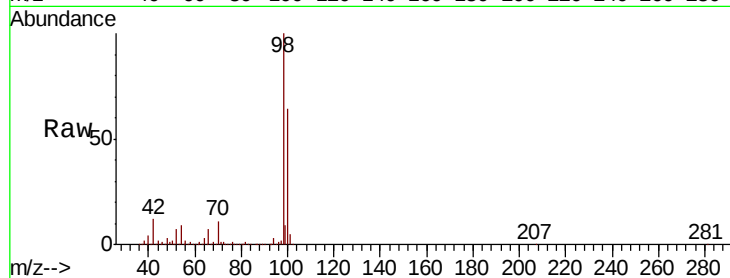
VD1125SBL01

Tot Ion: 98 Resp: 1434410

Ion Ratio Lower Upper

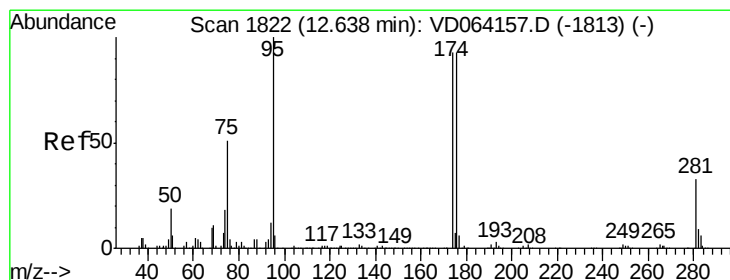
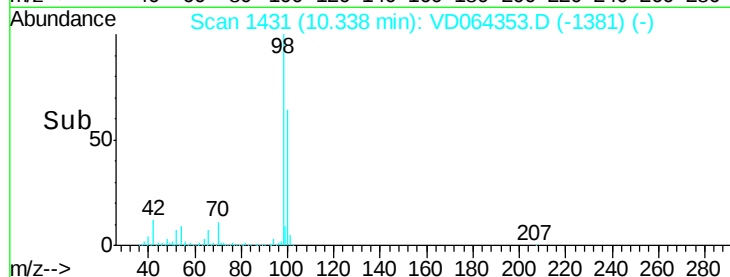
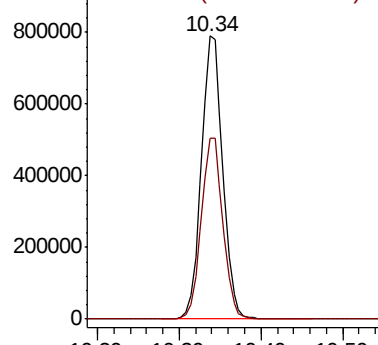
98 100

100 64.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.581 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064353.D

Acq: 25 Nov 2019 11:30

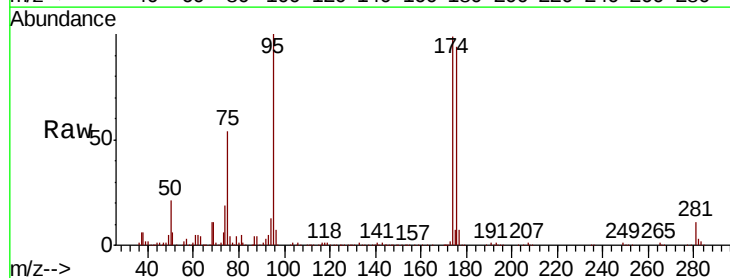
Tgt Ion: 95 Resp: 466458

Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.6

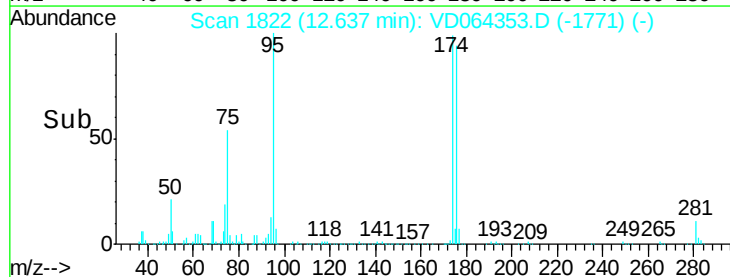
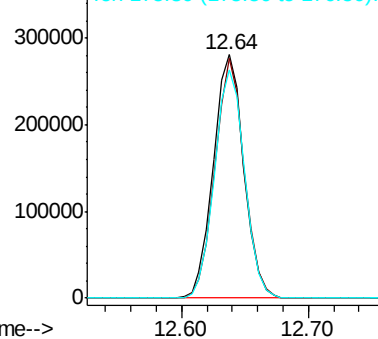
176 93.0 0.0 180.2



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

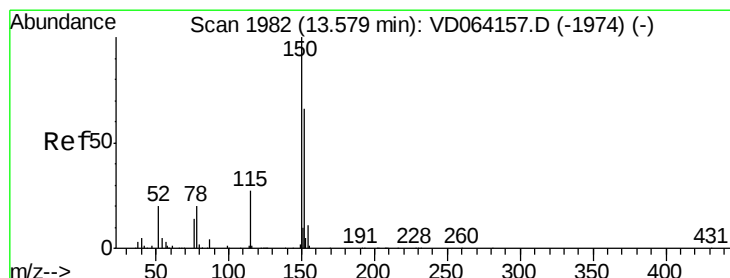
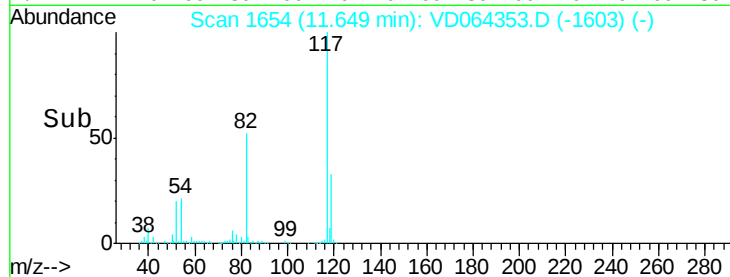
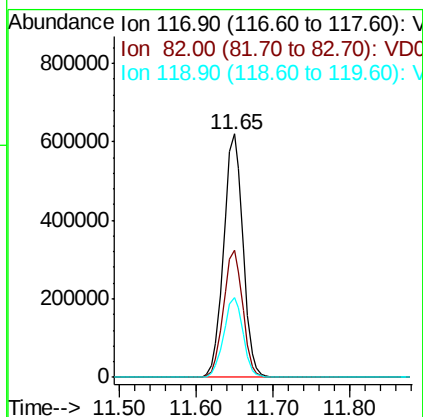
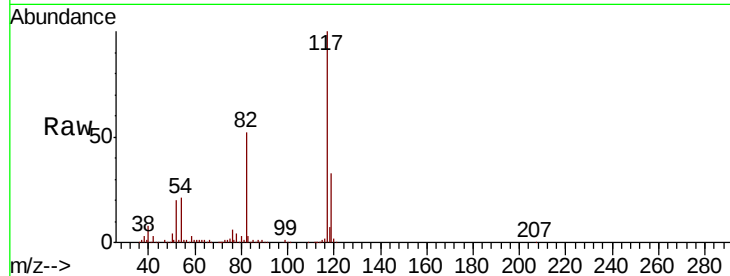




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBL01

Tot Ion:117 Resp: 1081645
Ion Ratio Lower Upper
117 100
82 52.5 42.8 64.2
119 32.7 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: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion:152 Resp: 531316
Ion Ratio Lower Upper
152 100
115 53.6 27.4 82.2
150 154.6 0.0 351.6

