

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064372.D
 Acq On : 25 Nov 2019 20:49
 Operator : VA/SY
 Sample : K5667-01
 Misc : 7.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-112519

Quant Time: Nov 26 06:37:01 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	758339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1143915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1033238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	491952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	339967	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.92	113	348442	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
50) Toluene-d8	10.34	98	1361298	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.64	95	437296	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

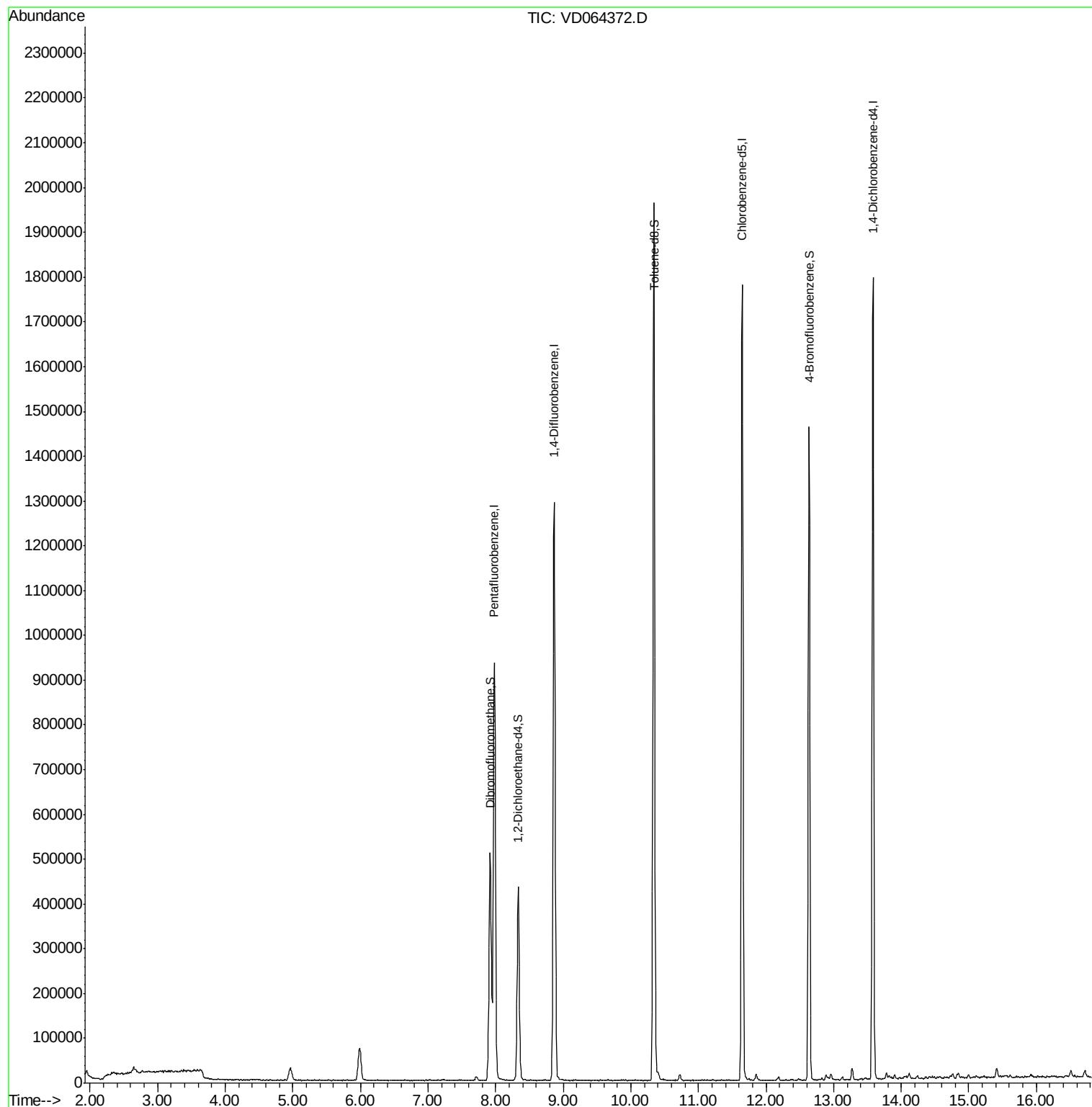
Target Compounds	Qvalue
------------------	--------

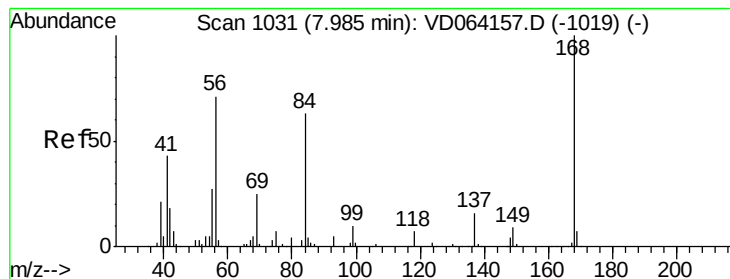
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112519\
Data File : VD064372.D
Acq On : 25 Nov 2019 20:49
Operator : VA/SY
Sample : K5667-01
Misc : 7.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NB-07-112519

Quant Time: Nov 26 06:37:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
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# 1031

Delta R.T. -0.00 min

Lab File: VD064372.D

Acq: 25 Nov 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

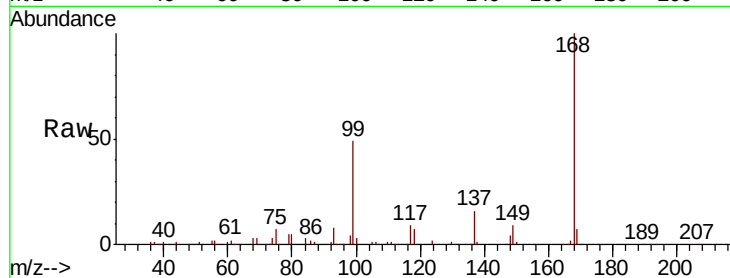
NB-07-112519

Tot Ion:168 Resp: 758339

Ion Ratio Lower Upper

168 100

99 49.1 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

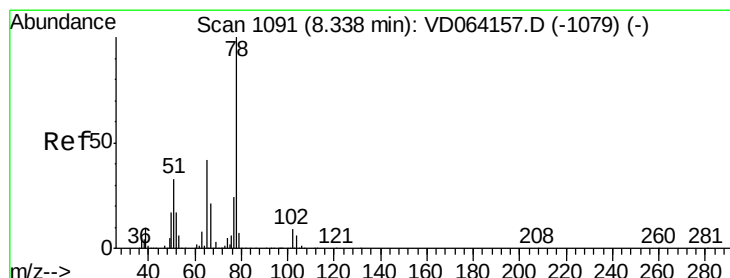
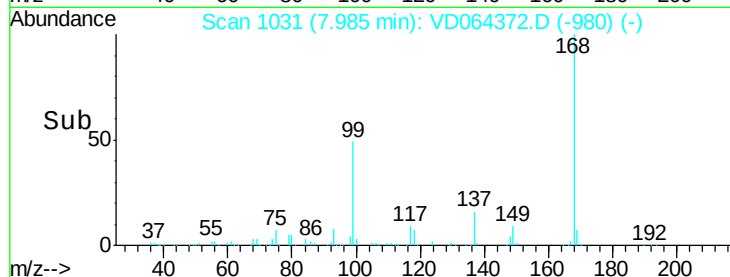
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.509 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064372.D

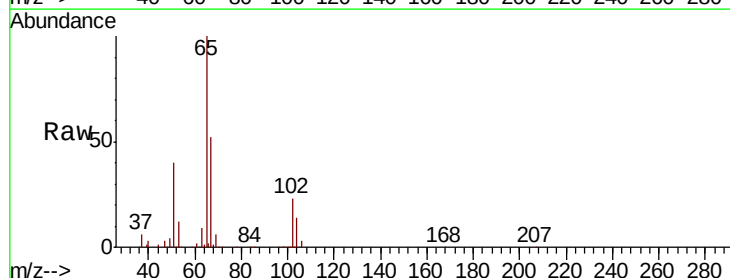
Acq: 25 Nov 2019 20:49

Tgt Ion: 65 Resp: 339967

Ion Ratio Lower Upper

65 100

67 51.6 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

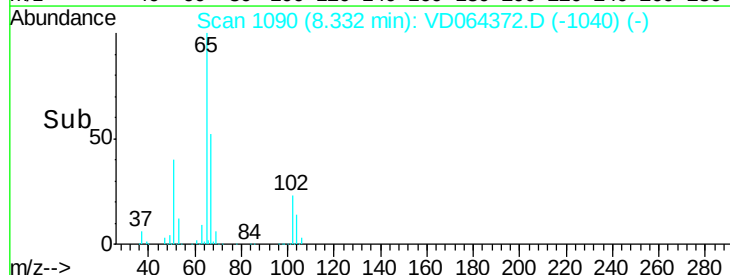
150000

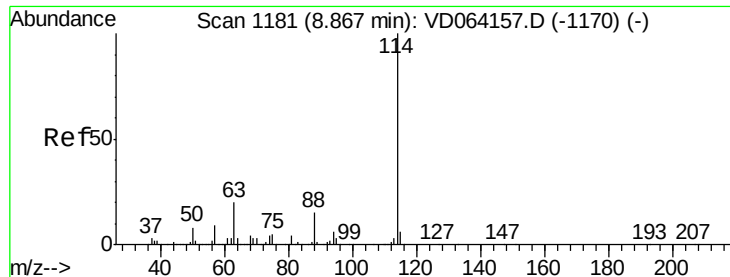
100000

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: VD064372.D

Acq: 25 Nov 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

NB-07-112519

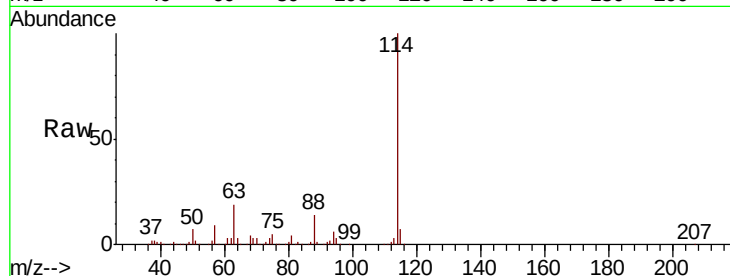
Tot Ion:114 Resp: 1143915

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

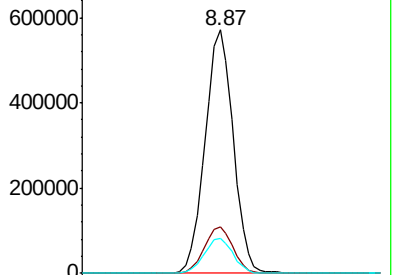
88 14.5 0.0 30.2



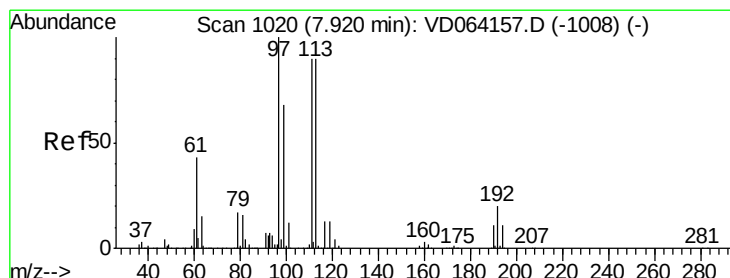
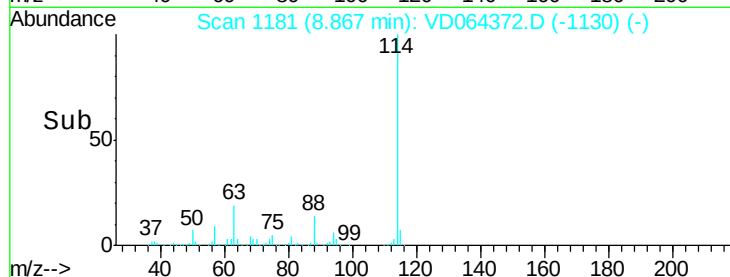
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



Time-->



#35

Dibromofluoromethane

Concen: 53.066 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064372.D

Acq: 25 Nov 2019 20:49

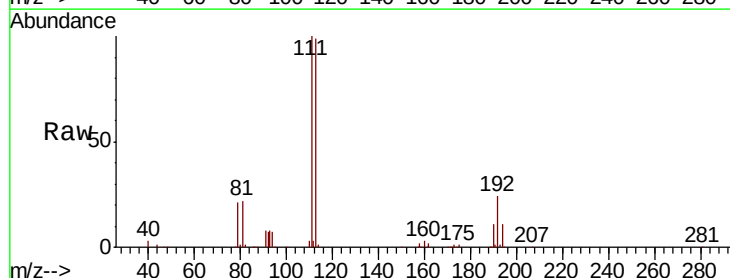
Tgt Ion:113 Resp: 348442

Ion Ratio Lower Upper

113 100

111 104.5 81.5 122.3

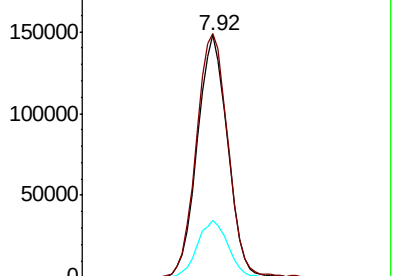
192 23.6 18.8 28.2



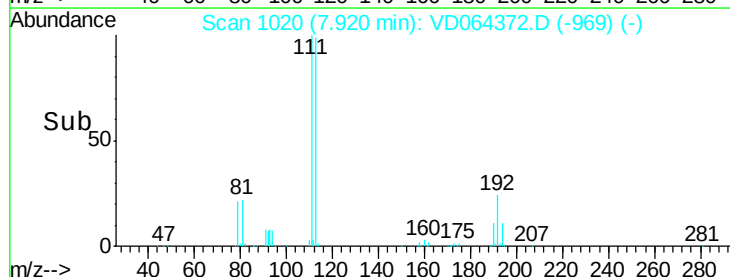
Abundance Ion 112.80 (112.50 to 113.50): V

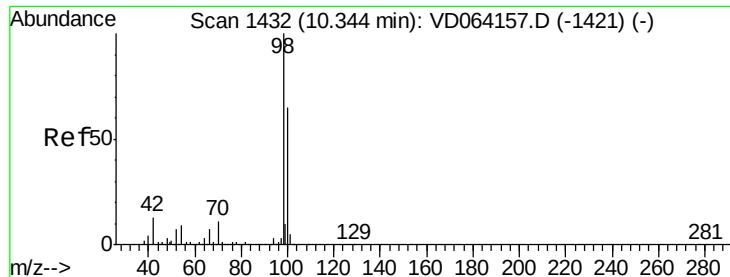
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 54.956 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064372.D

Acq: 25 Nov 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

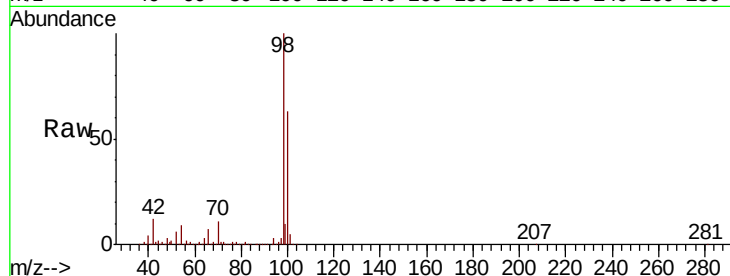
NB-07-112519

Tot Ion: 98 Resp: 1361298

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

800000

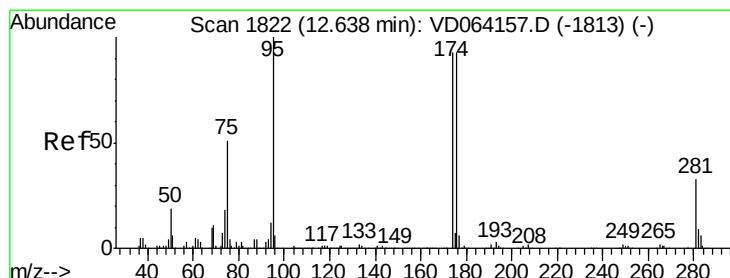
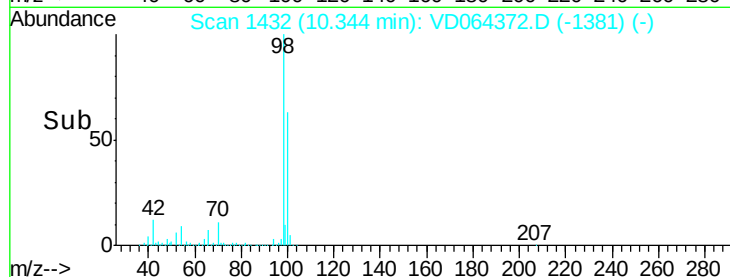
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 50.977 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064372.D

Acq: 25 Nov 2019 20:49

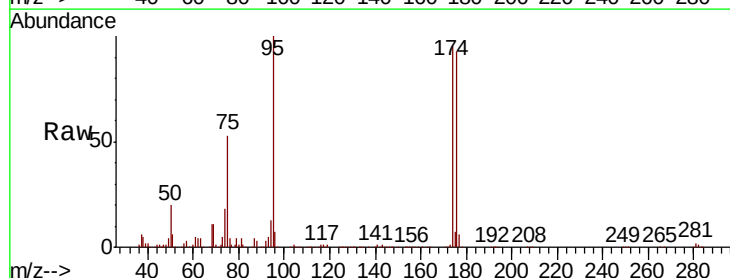
Tgt Ion: 95 Resp: 437296

Ion Ratio Lower Upper

95 100

174 95.6 0.0 183.6

176 93.7 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

12.64

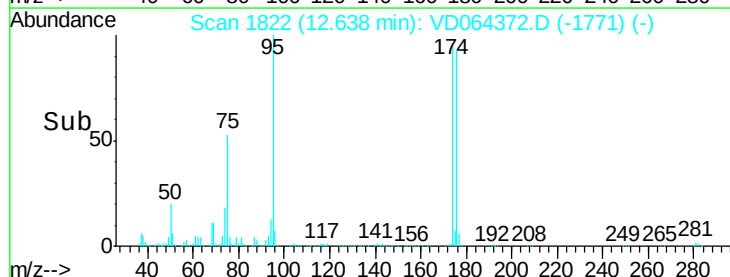
300000

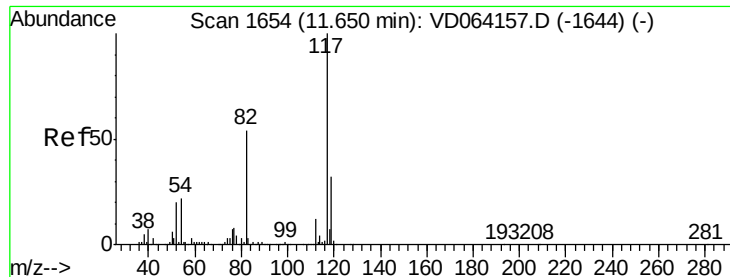
200000

100000

0

Time--> 12.60 12.70

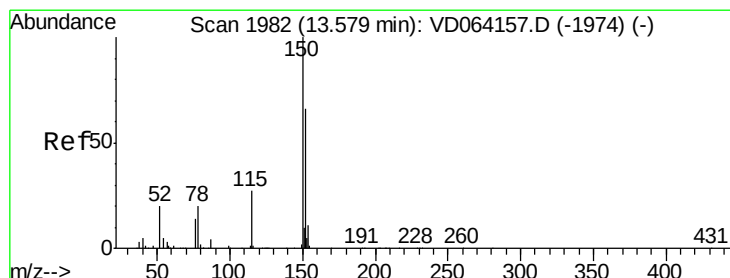
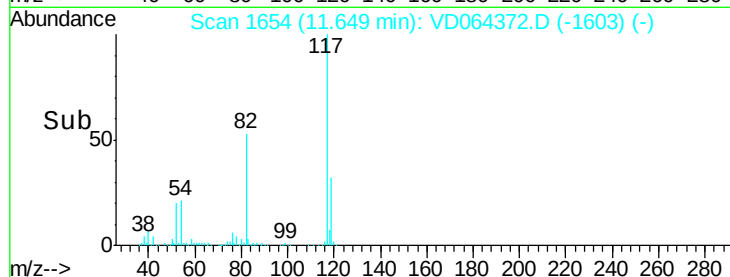
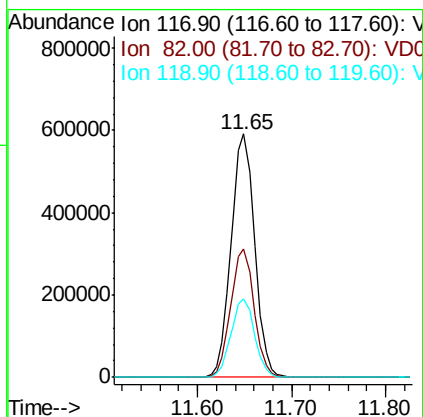
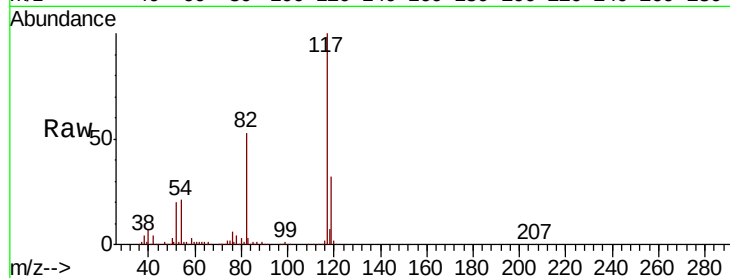




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064372.D
Acq: 25 Nov 2019 20:49

Instrument :
MSVOA_D
ClientSampleId :
NB-07-112519

Tot Ion:117 Resp: 1033238
Ion Ratio Lower Upper
117 100
82 52.6 42.8 64.2
119 32.4 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: VD064372.D
Acq: 25 Nov 2019 20:49

Tgt Ion:152 Resp: 491952
Ion Ratio Lower Upper
152 100
115 54.2 27.4 82.2
150 155.7 0.0 351.6

