

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064560.D
 Acq On : 23 Dec 2019 11:10
 Operator : VA/SY
 Sample : VD1223SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1223SBL01

Quant Time: Dec 24 06:01:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	567255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	834591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	855449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	437513	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236819	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	7.91	113	253452	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.34	98	1020217	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.64	95	379215	59.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.14%	

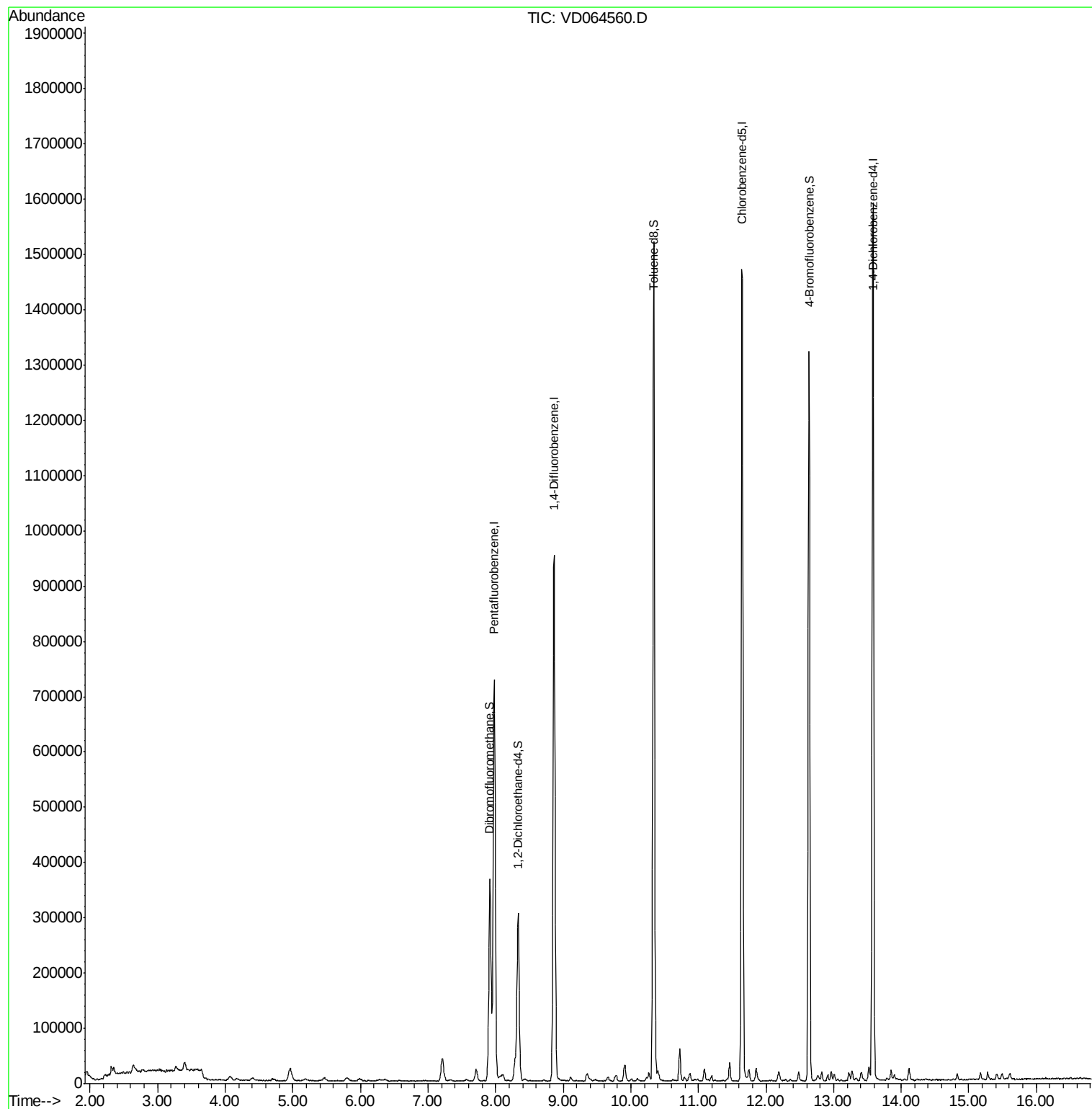
Target Compounds	Qvalue

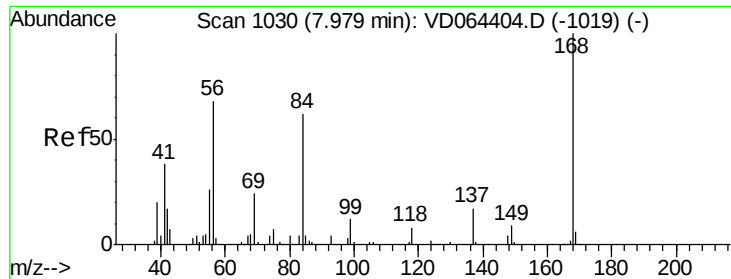
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 29 07:18:03 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064560.D

Acq: 23 Dec 2019 11:10

Instrument :

MSVOA_D

ClientSampleId :

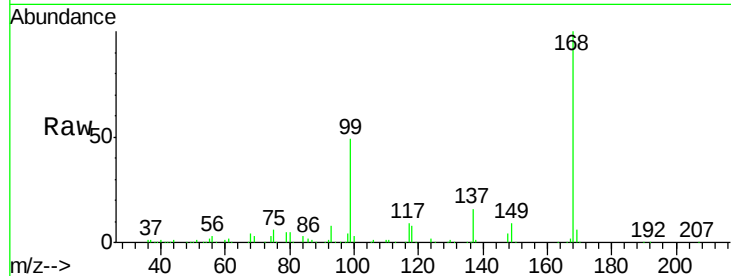
VD1223SBL01

Tot Ion:168 Resp: 567255

Ion Ratio Lower Upper

168 100

99 49.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

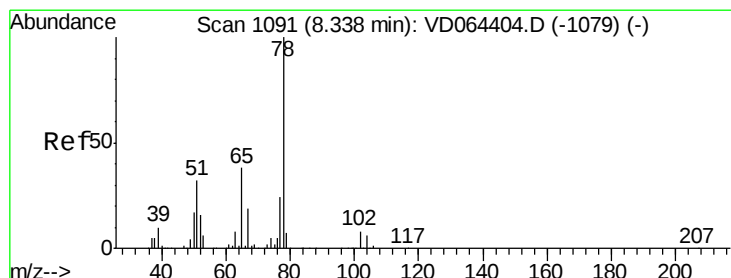
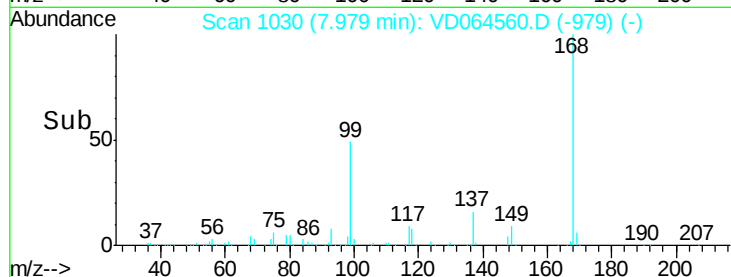
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.123 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064560.D

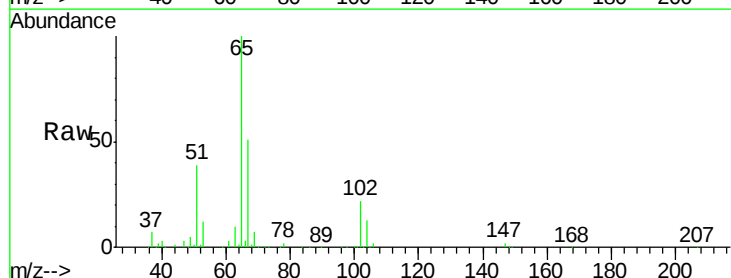
Acq: 23 Dec 2019 11:10

Tgt Ion: 65 Resp: 236819

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

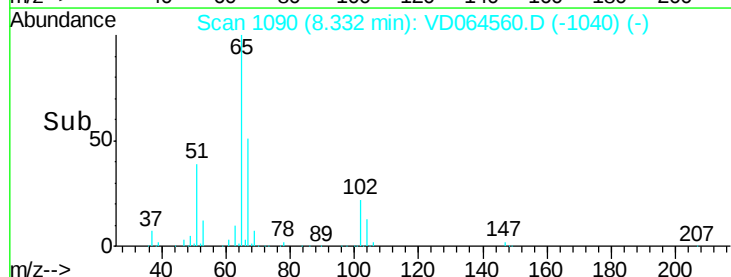
60000

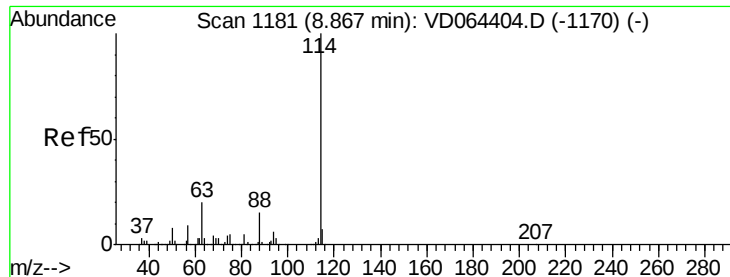
40000

20000

0

Time-->

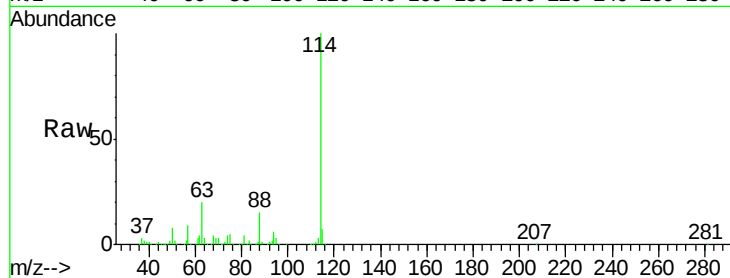




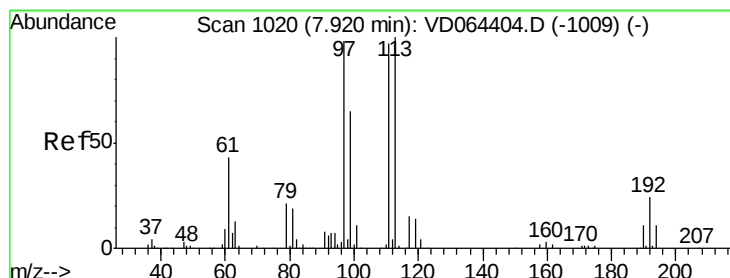
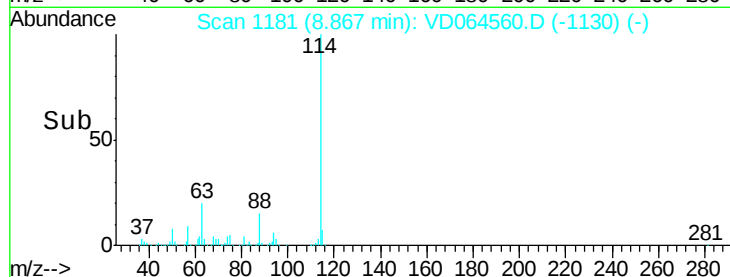
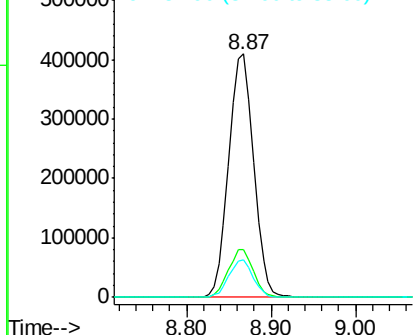
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064560.D
Acq: 23 Dec 2019 11:10

Instrument :
MSVOA_D
ClientSampleId :
VD1223SBL01

Tot Ion:114 Resp: 834591
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.4 0.0 29.2

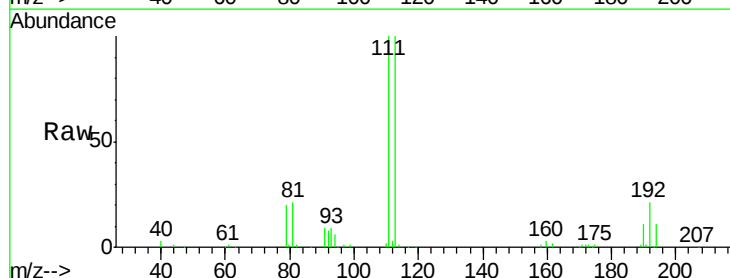


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

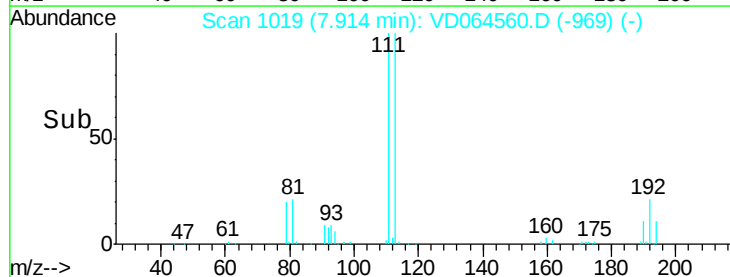
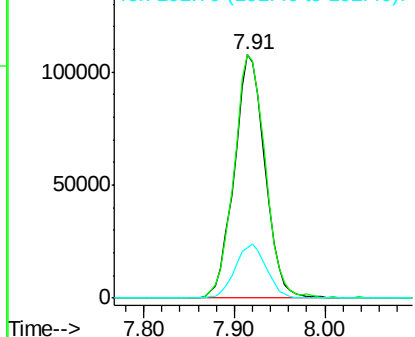


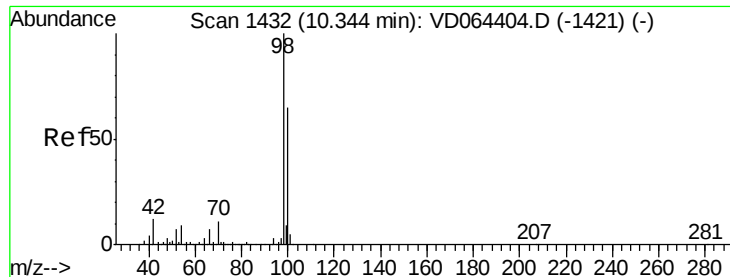
#35
Dibromofluoromethane
Concen: 48.200 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064560.D
Acq: 23 Dec 2019 11:10

Tgt Ion:113 Resp: 253452
Ion Ratio Lower Upper
113 100
111 101.8 79.4 119.2
192 22.8 18.6 28.0



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: 51.506 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064560.D

Acq: 23 Dec 2019 11:10

Instrument :

MSVOA_D

ClientSampleId :

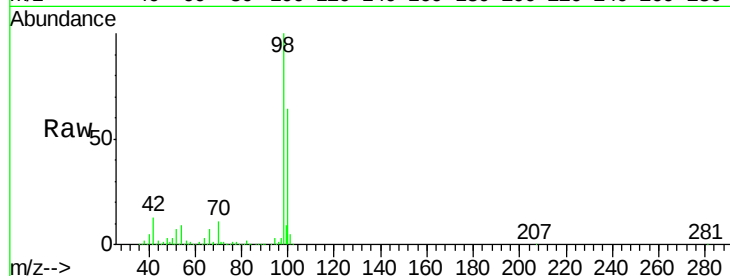
VD1223SBL01

Tot Ion: 98 Resp: 1020217

Ion Ratio Lower Upper

98 100

100 64.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

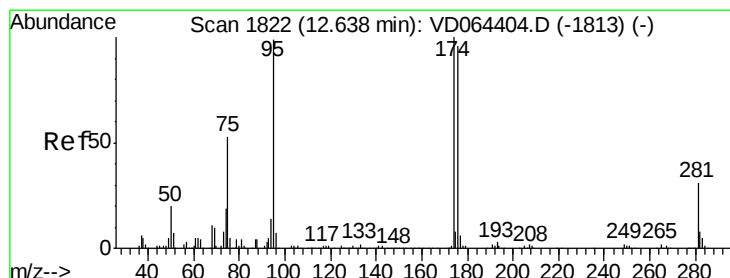
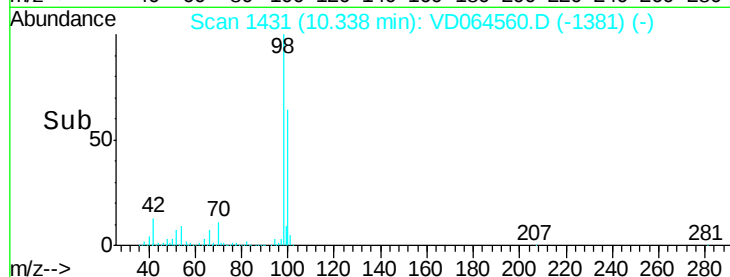
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 59.572 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064560.D

Acq: 23 Dec 2019 11:10

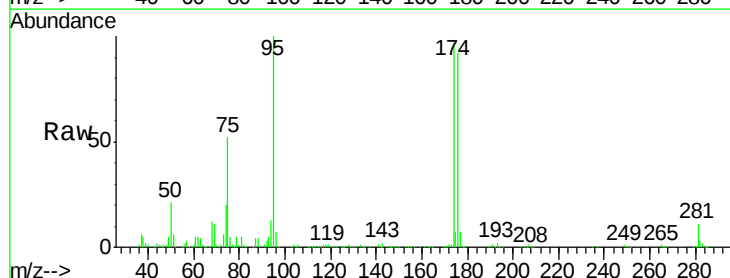
Tgt Ion: 95 Resp: 379215

Ion Ratio Lower Upper

95 100

174 95.4 0.0 197.2

176 92.2 0.0 189.6



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

250000

200000

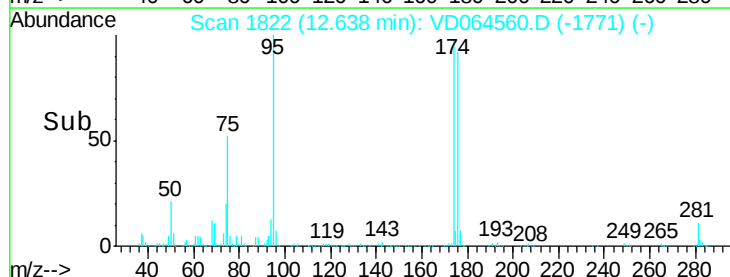
150000

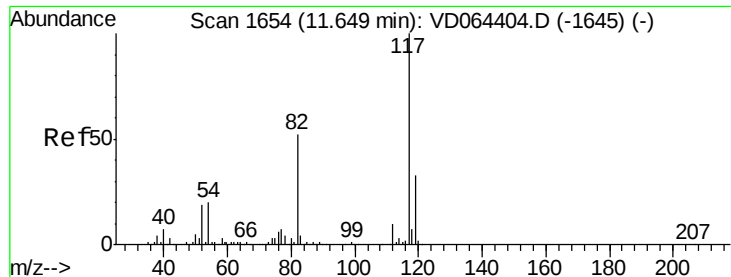
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

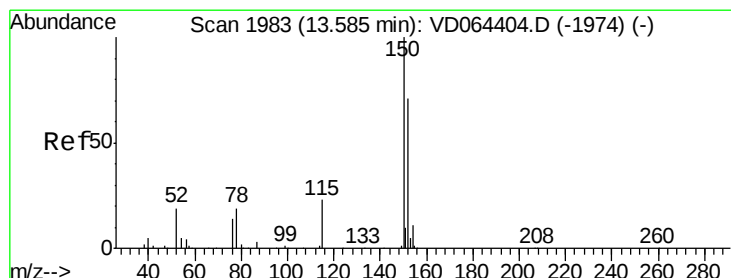
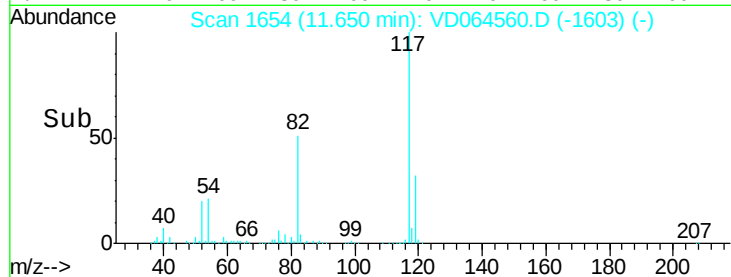
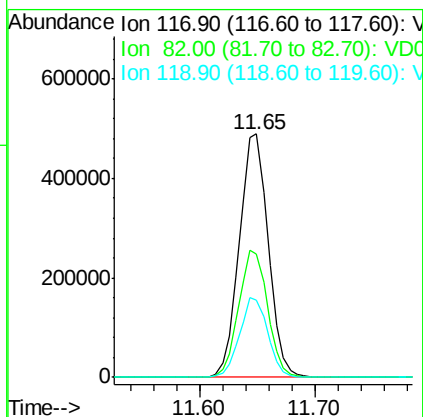
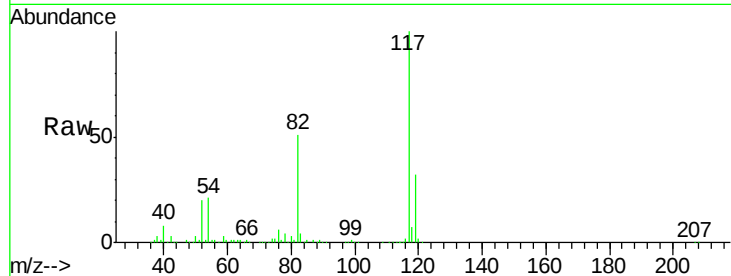




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064560.D
Acq: 23 Dec 2019 11:10

Instrument :
MSVOA_D
ClientSampleId :
VD1223SBL01

Tot Ion:117 Resp: 855449
Ion Ratio Lower Upper
117 100
82 50.8 41.4 62.2
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064560.D
Acq: 23 Dec 2019 11:10

Tgt Ion:152 Resp: 437513
Ion Ratio Lower Upper
152 100
115 55.3 26.7 80.1
150 157.3 0.0 347.2

