

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065978.D
 Acq On : 21 Jul 2020 14:15
 Operator : VA/SY
 Sample : VD0721SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBL01

Quant Time: Jul 21 16:53:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

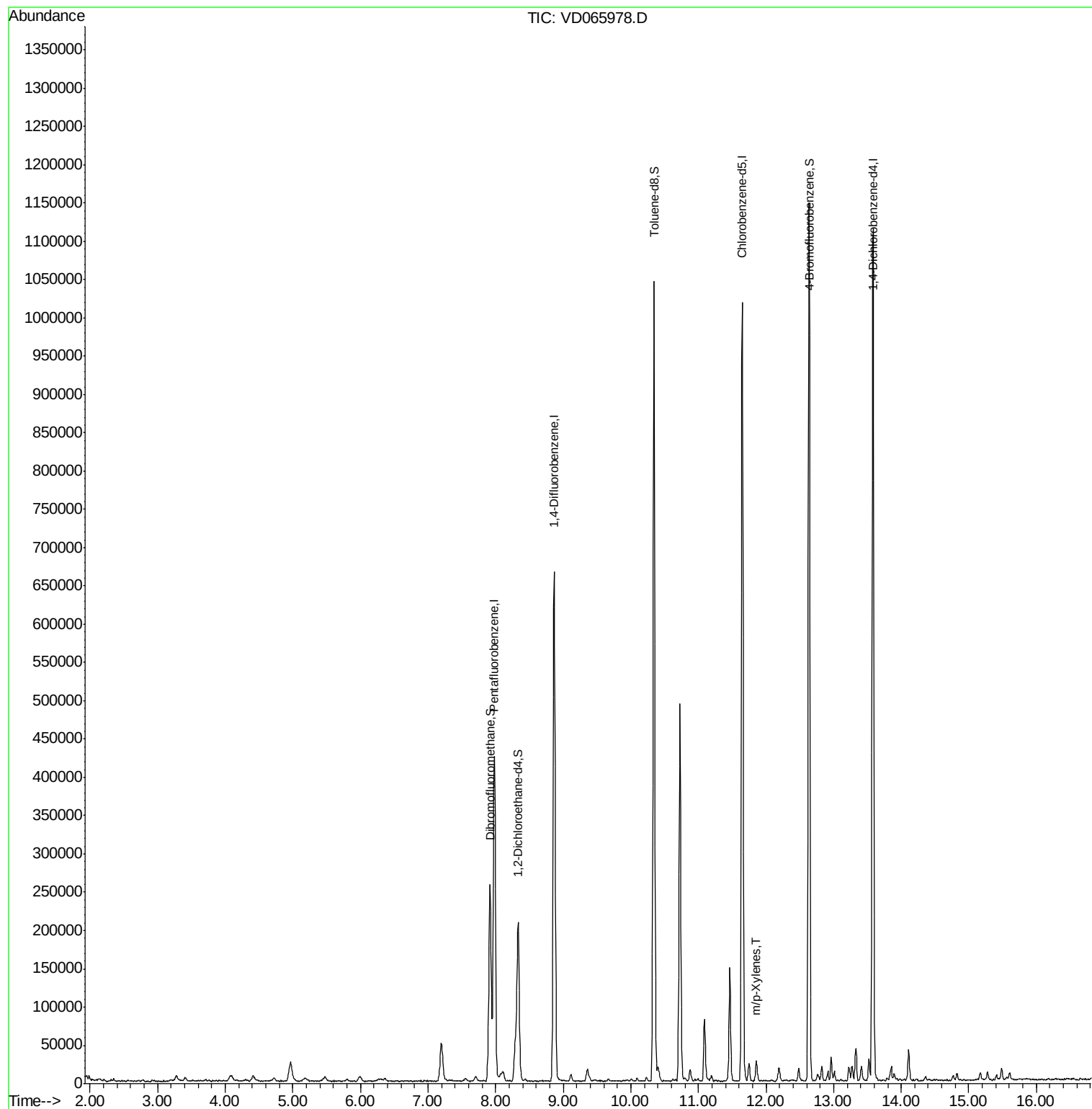
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	346454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	600531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	614347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	321247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	159029	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
35) Dibromofluoromethane	7.92	113	185959	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	10.34	98	714258	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.64	95	287173	61.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.08%	
Target Compounds						
68) m/p-Xylenes	11.86	106	8886	1.194	ug/l	Qvalue 92

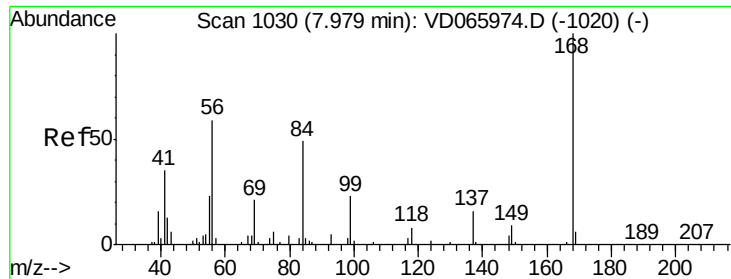
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065978.D

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Instrument :

MSVOA_D

ClientSampleId :

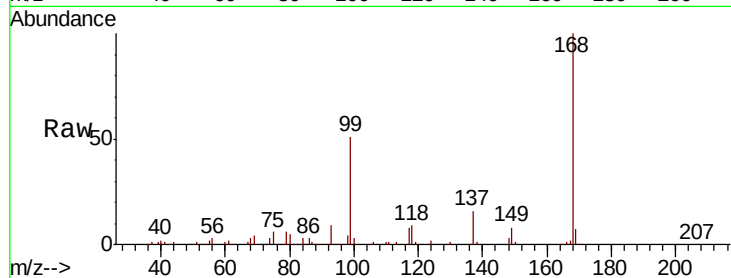
VD0721SBL01

Tot Ion:168 Resp: 346454

Ion Ratio Lower Upper

168 100

99 51.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

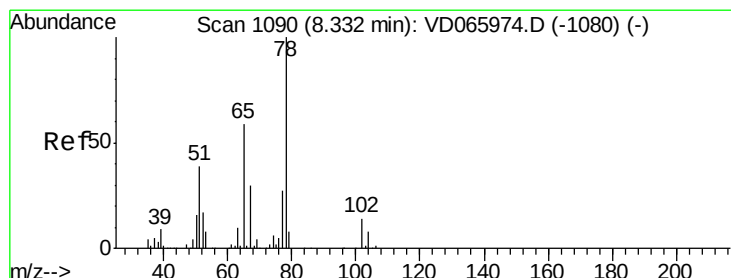
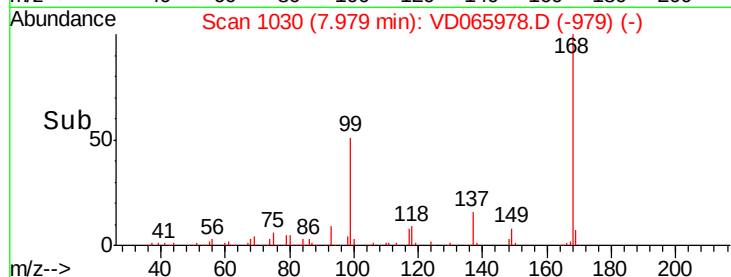
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.412 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065978.D

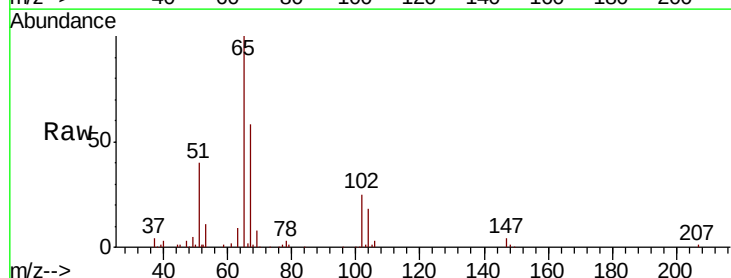
Acq: 21 Jul 2020 14:15

Tgt Ion: 65 Resp: 159029

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

60000

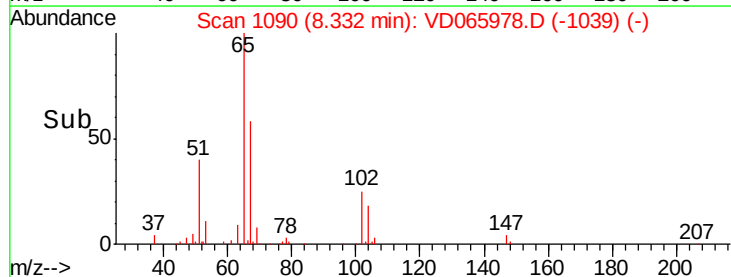
40000

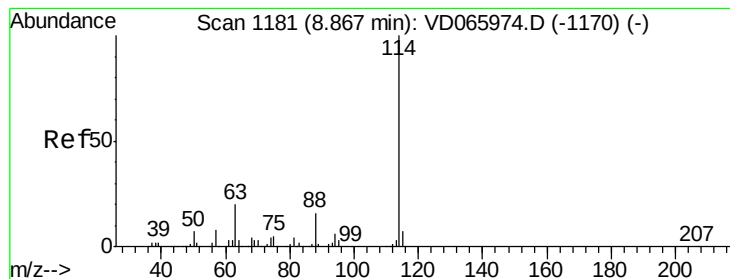
20000

0

Time-->

8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065978.D

Acq: 21 Jul 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBL01

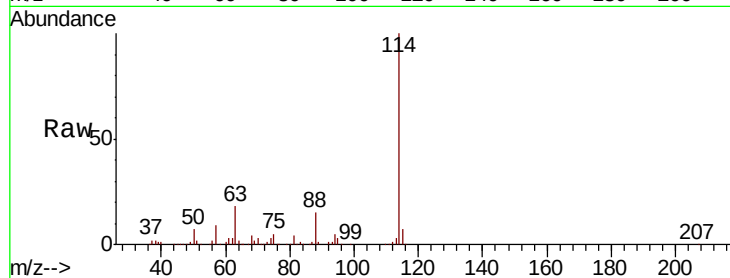
Tot Ion:114 Resp: 600531

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.0 0.0 31.2



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

8.87

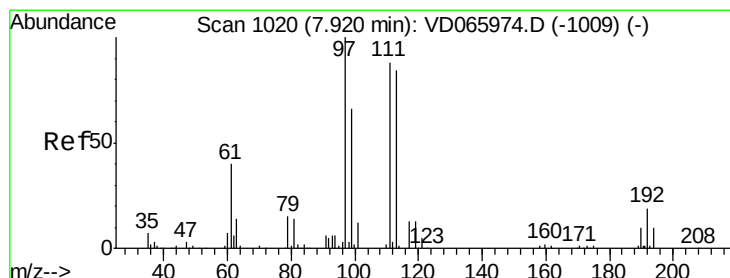
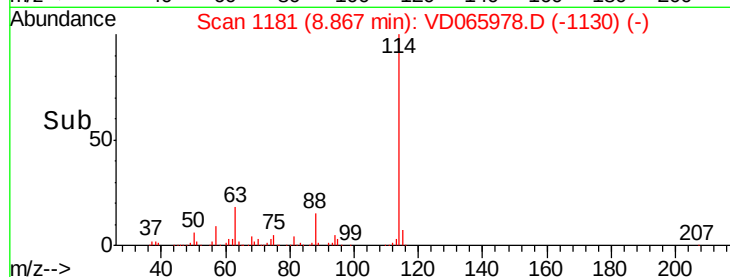
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 51.054 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065978.D

Acq: 21 Jul 2020 14:15

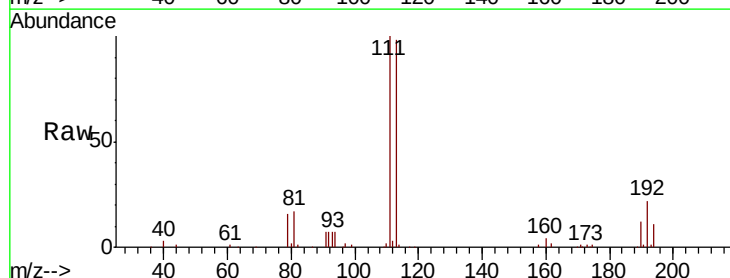
Tgt Ion:113 Resp: 185959

Ion Ratio Lower Upper

113 100

111 102.4 83.2 124.8

192 22.6 18.7 28.1



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

7.92

100000

80000

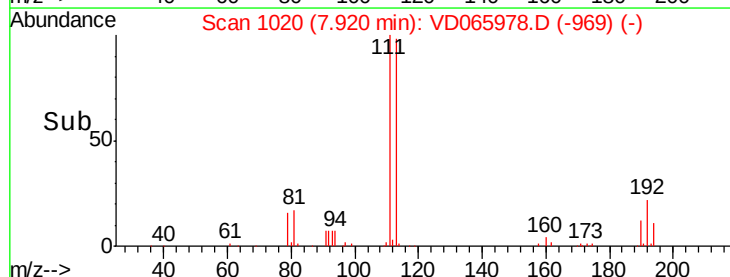
60000

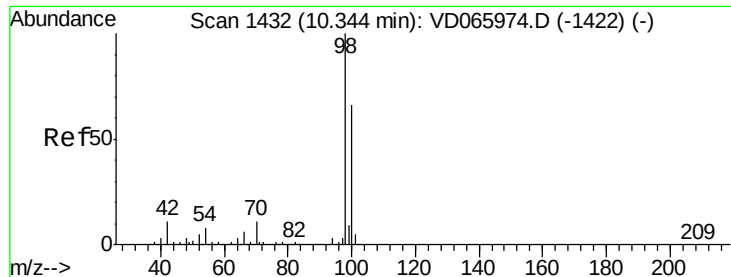
40000

20000

0

Time-->





#50

Toluene-d8

Concen: 52.639 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065978.D

Acq: 21 Jul 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

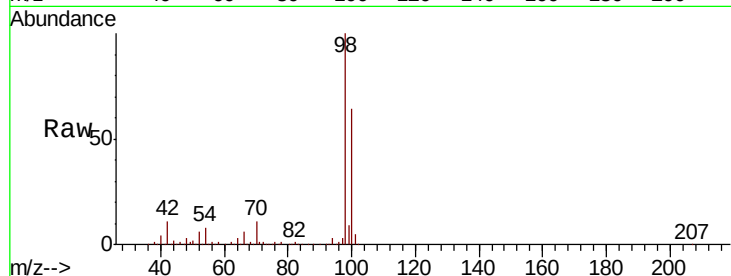
VD0721SBL01

Tot Ion: 98 Resp: 714258

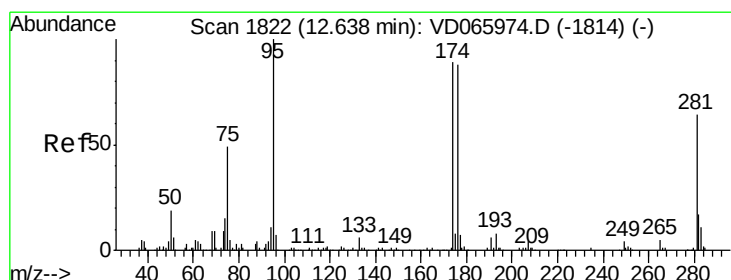
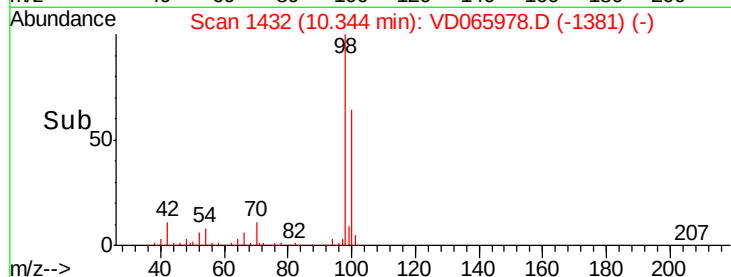
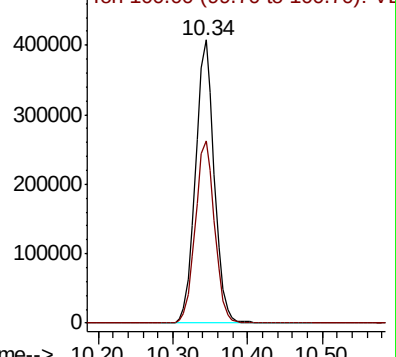
Ion Ratio Lower Upper

98 100

100 66.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VD065978.D (-1422) (-)



#62

4-Bromofluorobenzene

Concen: 61.037 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065978.D

Acq: 21 Jul 2020 14:15

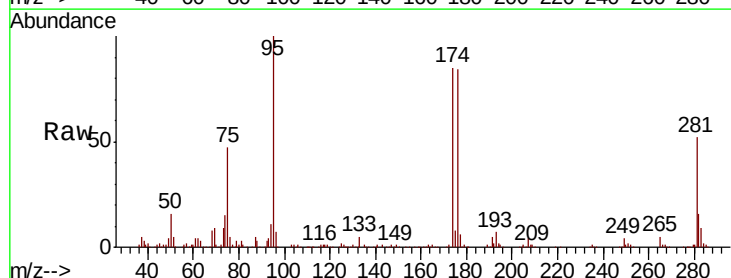
Tgt Ion: 95 Resp: 287173

Ion Ratio Lower Upper

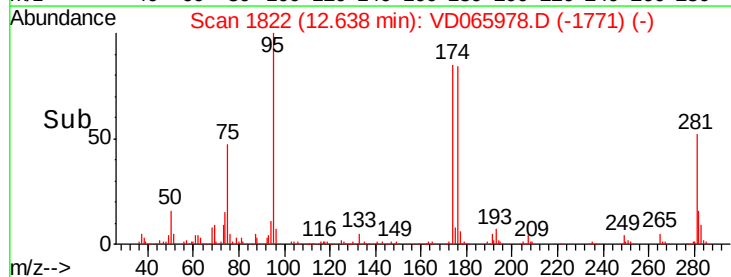
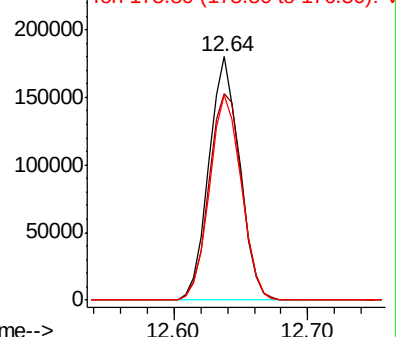
95 100

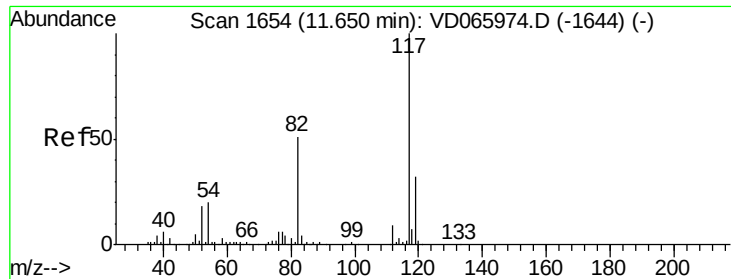
174 90.6 0.0 178.8

176 86.8 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): VD065978.D (-1771) (-)

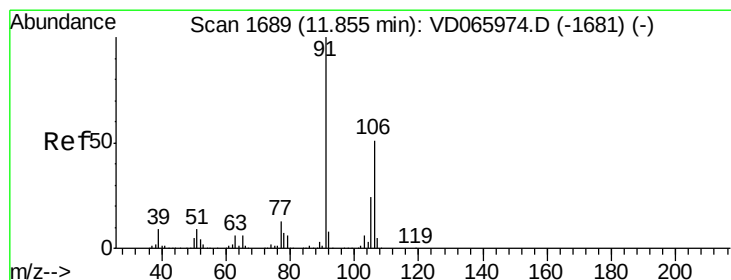
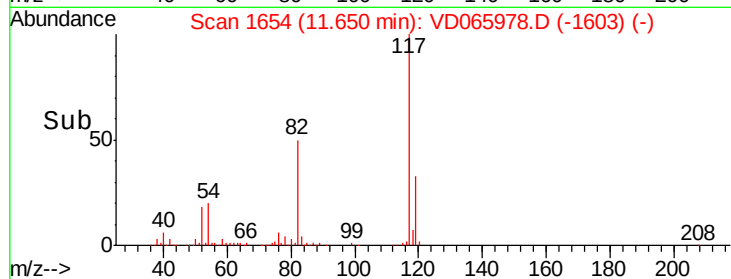
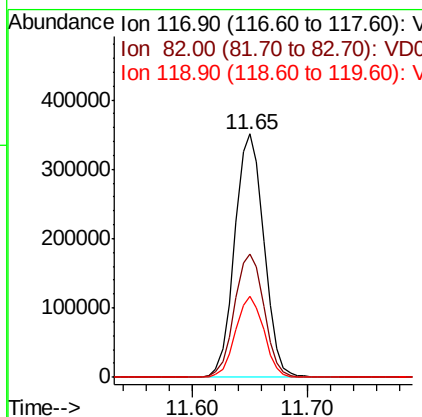
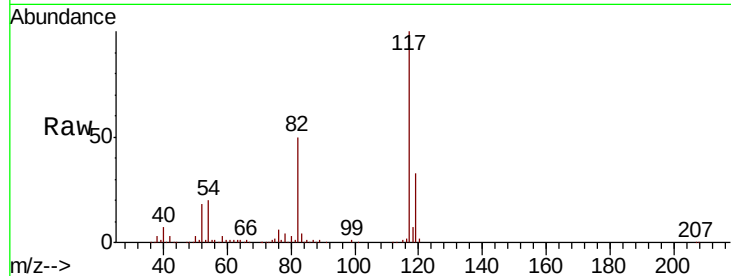




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065978.D
Acq: 21 Jul 2020 14:15

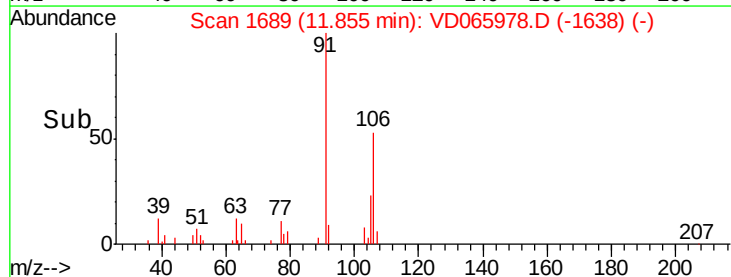
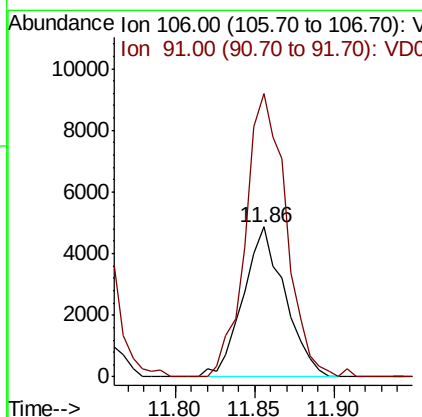
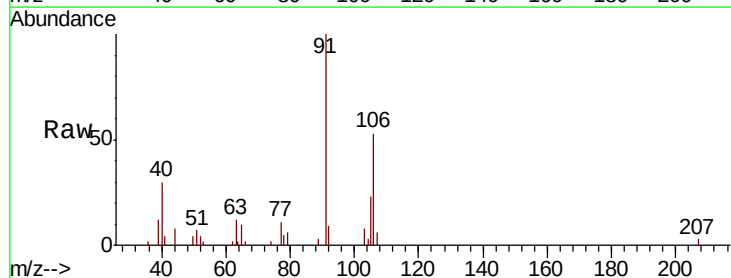
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBL01

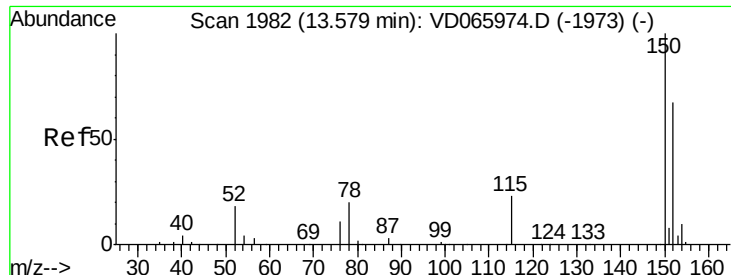
Tot Ion:117 Resp: 614347
Ion Ratio Lower Upper
117 100
82 50.5 41.1 61.7
119 33.1 25.9 38.9



#68
m/p-Xylenes
Concen: 1.194 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065978.D
Acq: 21 Jul 2020 14:15

Tgt Ion:106 Resp: 8886
Ion Ratio Lower Upper
106 100
91 184.2 157.0 235.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD065978.D

Acq: 21 Jul 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBL01

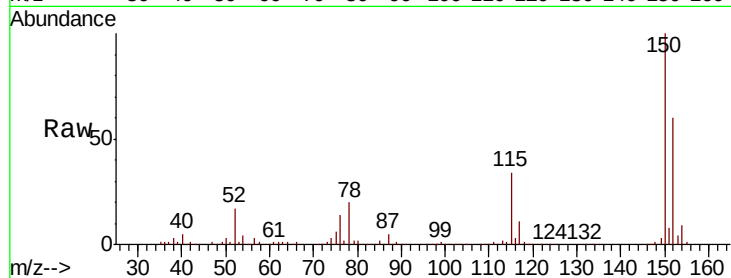
Tot Ion:152 Resp: 321247

Ion Ratio Lower Upper

152 100

115 55.2 27.9 83.7

150 159.8 0.0 348.2



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

