

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021120\
 Data File : VD065148.D
 Acq On : 11 Feb 2020 17:06
 Operator : VA/SY
 Sample : L1491-03
 Misc : 5.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1E-(13.5-15.5)

Quant Time: Feb 12 07:23:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

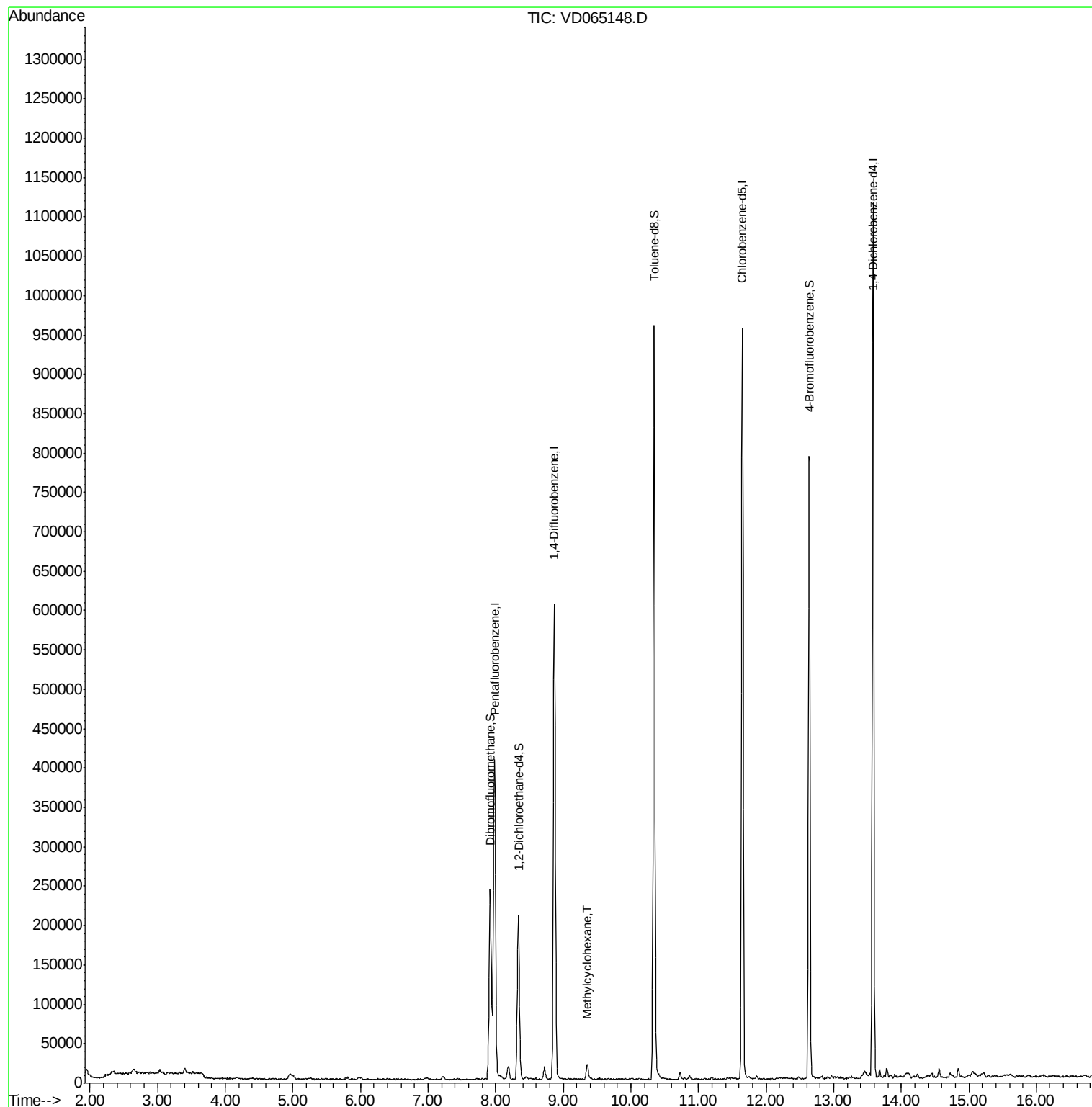
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	310833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	514576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	558647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	294312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	168781	63.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.78%	
35) Dibromofluoromethane	7.92	113	166950	58.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.30%	
50) Toluene-d8	10.34	98	637792	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	
62) 4-Bromofluorobenzene	12.64	95	252633	69.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.54%	
Target Compounds						
39) Methylcyclohexane	9.36	83	7626	1.291	ug/l #	Qvalue 83

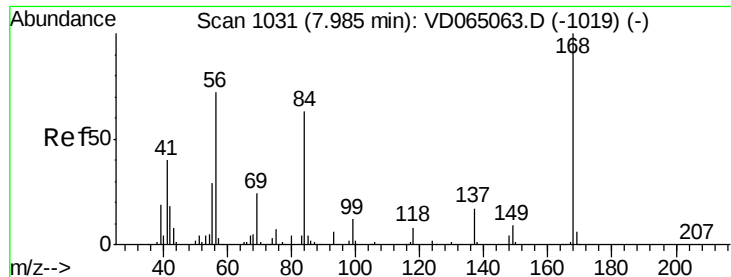
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

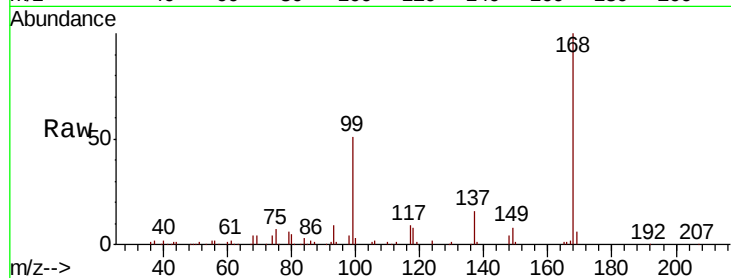
SB-1E-(13.5-15.5)

Tot Ion:168 Resp: 310833

Ion Ratio Lower Upper

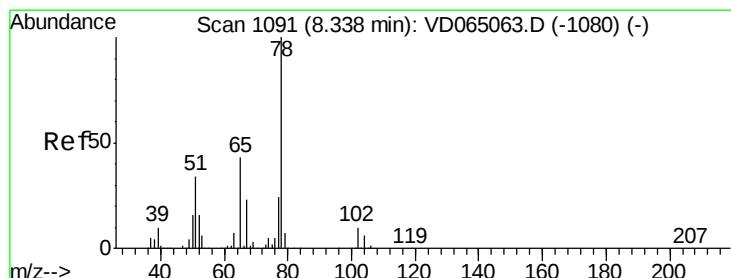
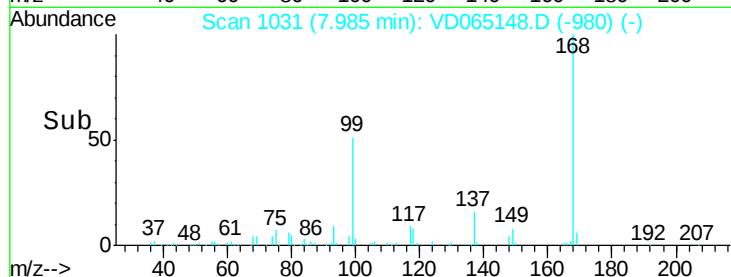
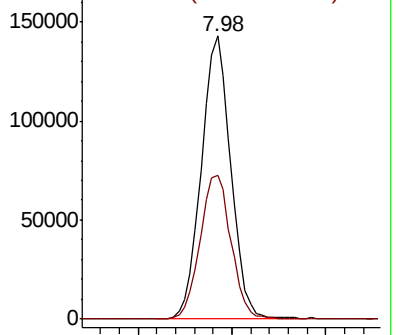
168 100

99 50.5 41.0 61.6



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: 63.888 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065148.D

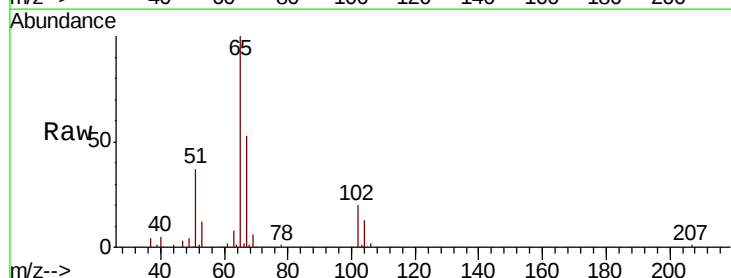
Acq: 11 Feb 2020 17:06

Tgt Ion: 65 Resp: 168781

Ion Ratio Lower Upper

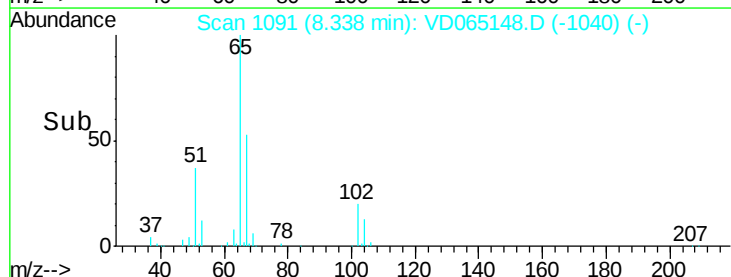
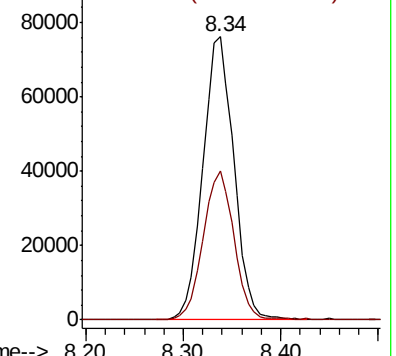
65 100

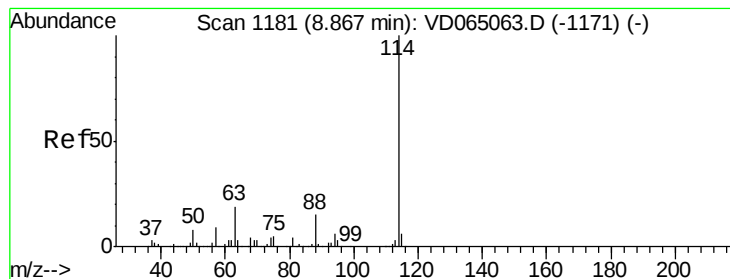
67 52.2 0.0 105.8



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: VD065148.D

Acq: 11 Feb 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-1E-(13.5-15.5)

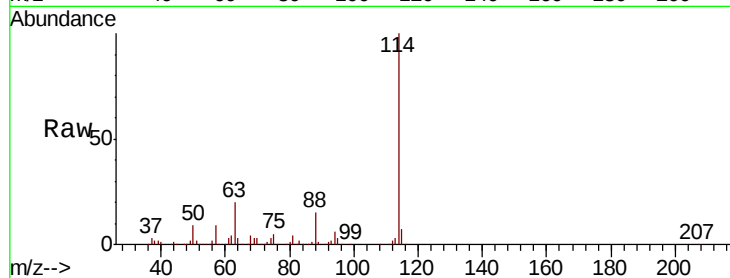
Tot Ion:114 Resp: 514576

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

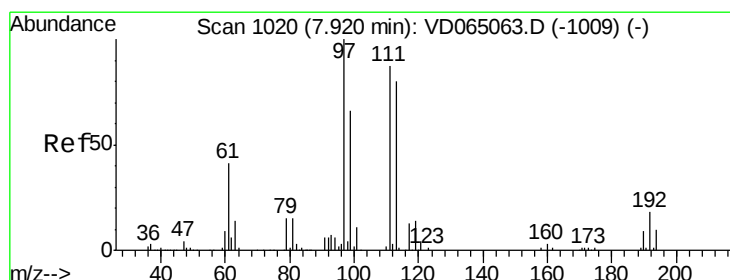
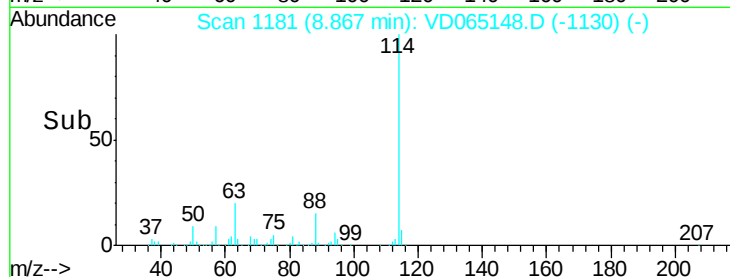
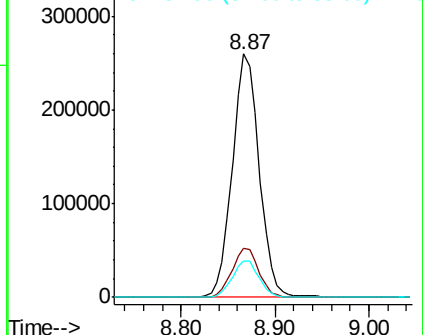
88 15.0 0.0 29.6



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: 58.150 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065148.D

Acq: 11 Feb 2020 17:06

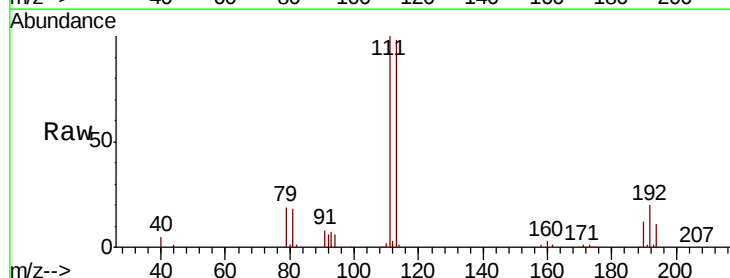
Tgt Ion:113 Resp: 166950

Ion Ratio Lower Upper

113 100

111 102.9 83.1 124.7

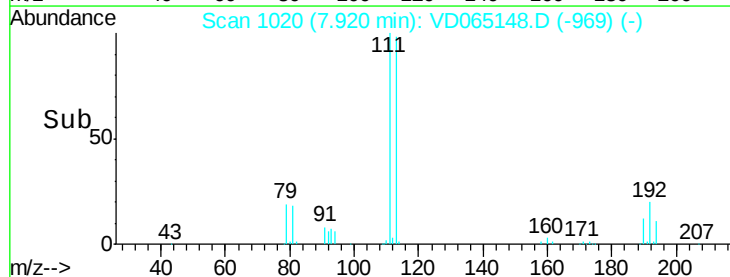
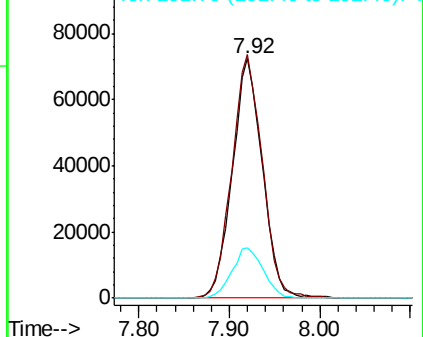
192 21.8 18.1 27.1

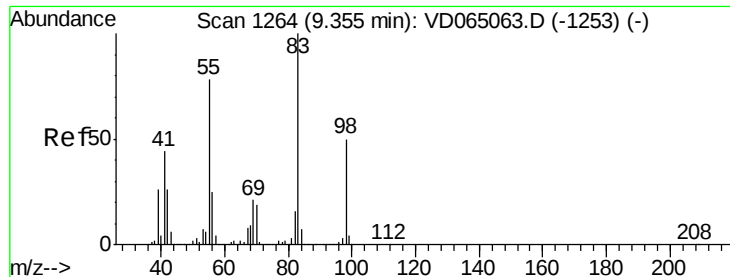


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

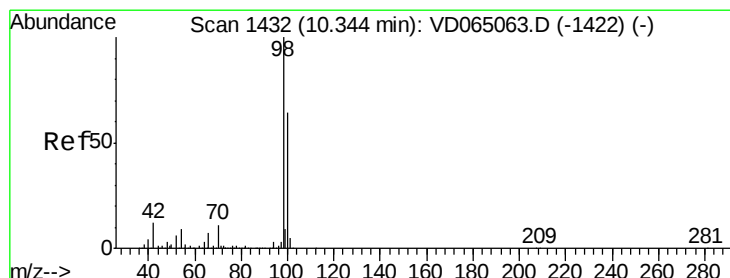
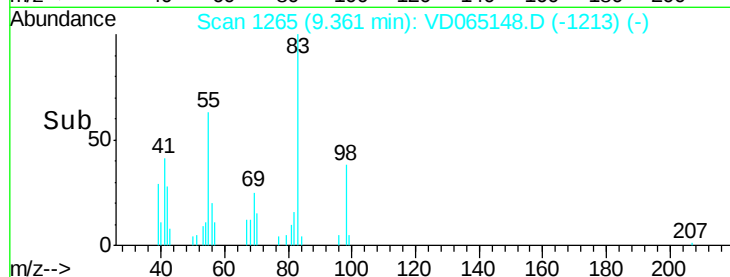
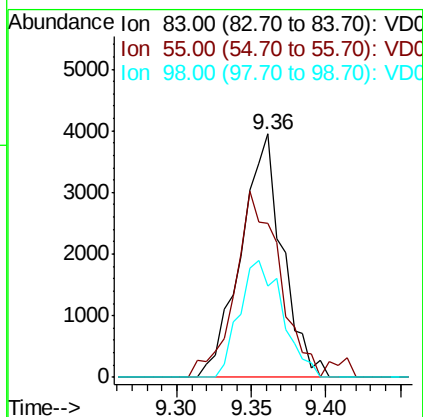
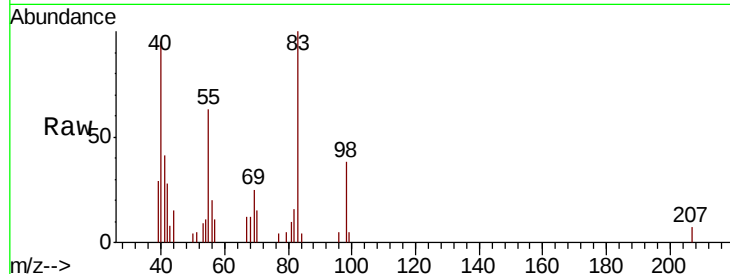




#39
Methvlcvclohexane
Concen: 1.291 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065148.D
Acq: 11 Feb 2020 17:06

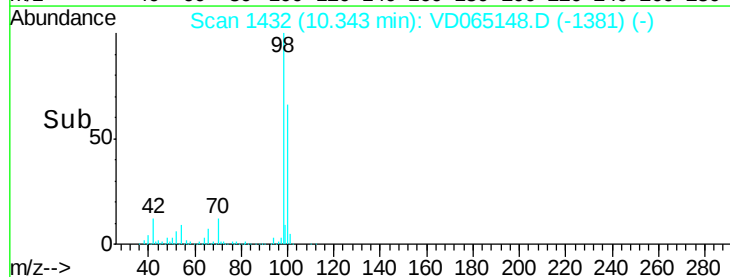
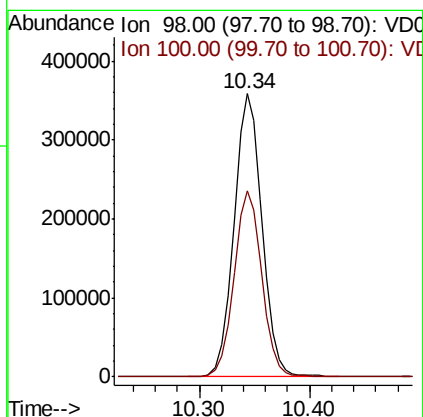
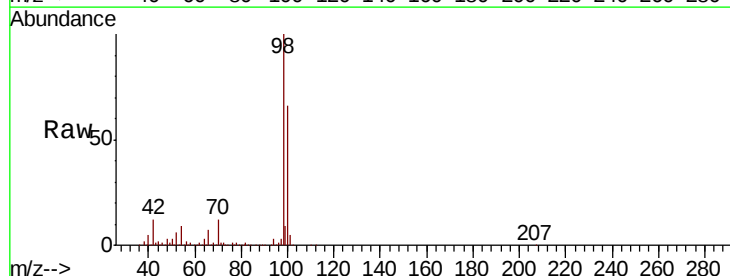
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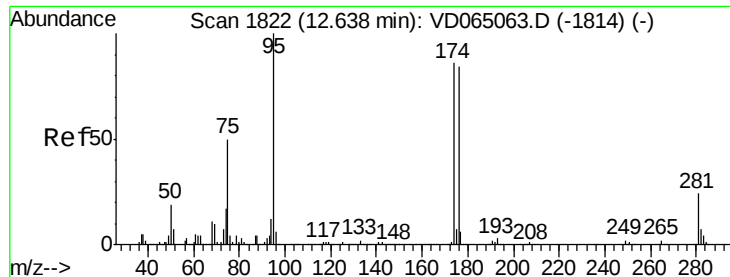
Tot Ion: 83 Resp: 7626
Ion Ratio Lower Upper
83 100
55 63.5 62.0 93.0
98 37.6 39.9 59.9#



#50
Toluene-d8
Concen: 55.812 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065148.D
Acq: 11 Feb 2020 17:06

Tgt Ion: 98 Resp: 637792
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 69.770 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065148.D

Acq: 11 Feb 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-1E-(13.5-15.5)

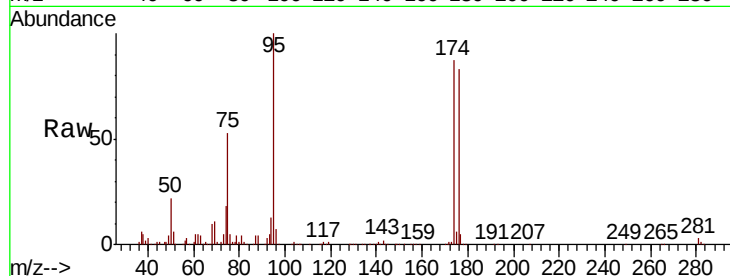
Tot Ion: 95 Resp: 252633

Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.0

176 86.9 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

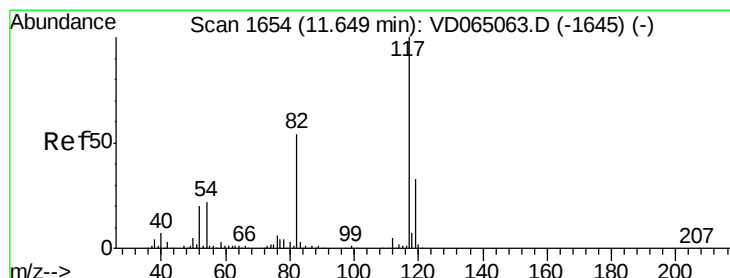
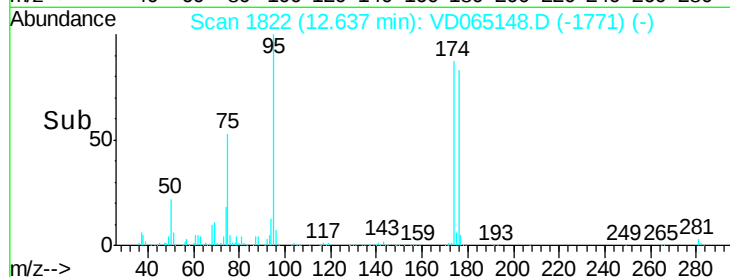
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065148.D

Acq: 11 Feb 2020 17:06

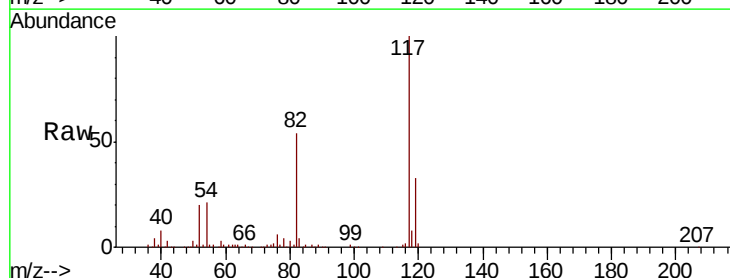
Tgt Ion: 117 Resp: 558647

Ion Ratio Lower Upper

117 100

82 53.6 43.1 64.7

119 33.1 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

400000

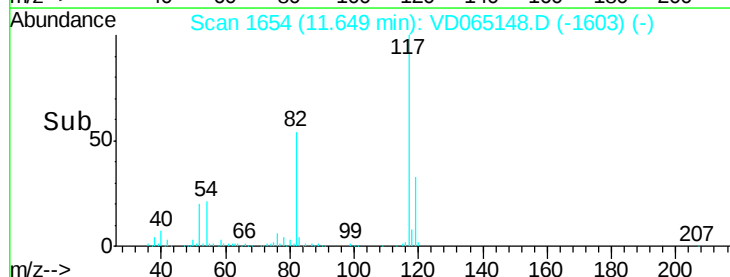
300000

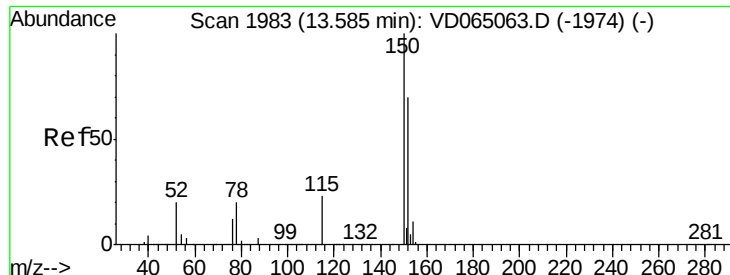
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065148.D

Acq: 11 Feb 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

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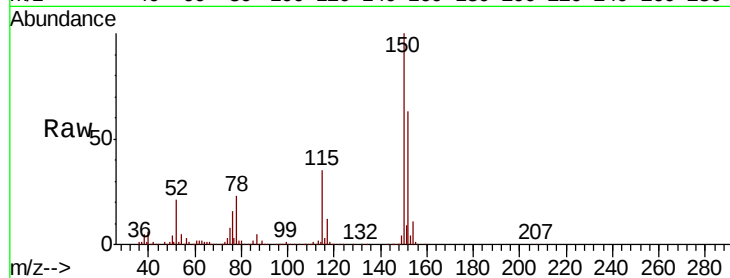
Tot Ion:152 Resp: 294312

Ion Ratio Lower Upper

152 100

115 55.4 27.5 82.4

150 156.7 0.0 343.2



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

