

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064665.D
 Acq On : 28 Dec 2019 02:45
 Operator : VA/SY
 Sample : K6442-01
 Misc : 6.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB1

Quant Time: Dec 30 04:37:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

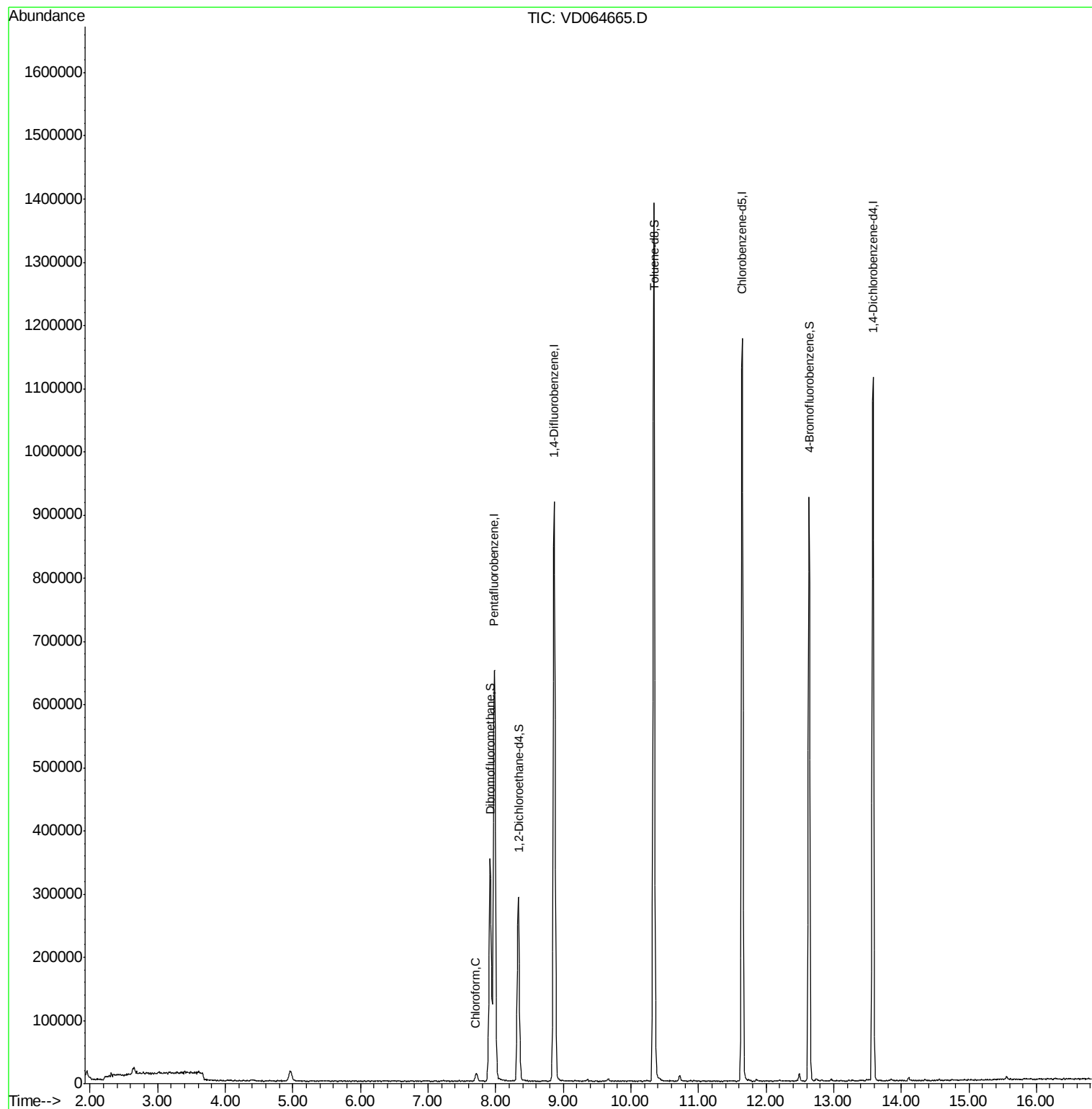
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	519514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	776158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	675220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	233184	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
35) Dibromofluoromethane	7.92	113	238682	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.34	98	927300	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.64	95	274281	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
30) Chloroform	7.71	83	12358	1.380	ug/l	Qvalue 98

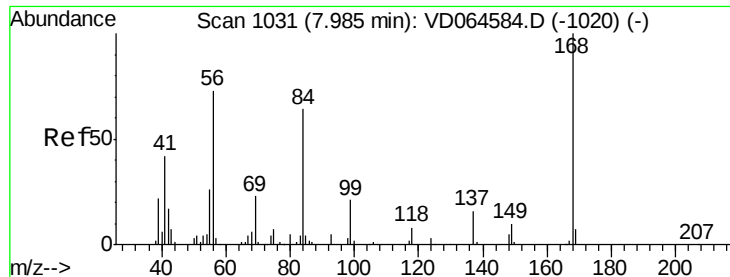
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

Instrument :

MSVOA_D

ClientSampleId :

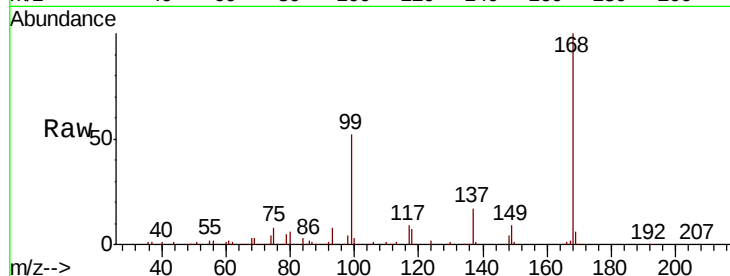
K615-SB1

Tot Ion:168 Resp: 519514

Ion Ratio Lower Upper

168 100

99 51.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

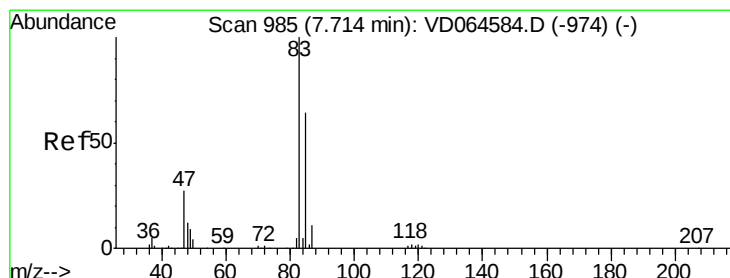
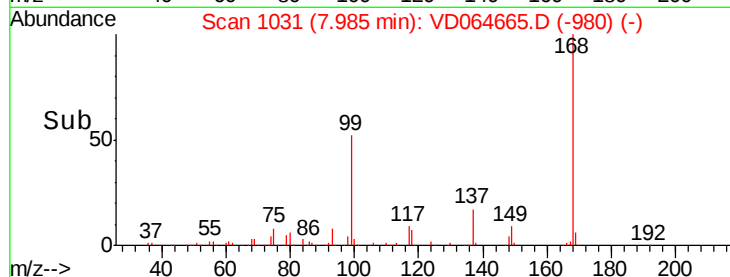
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.380 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064665.D

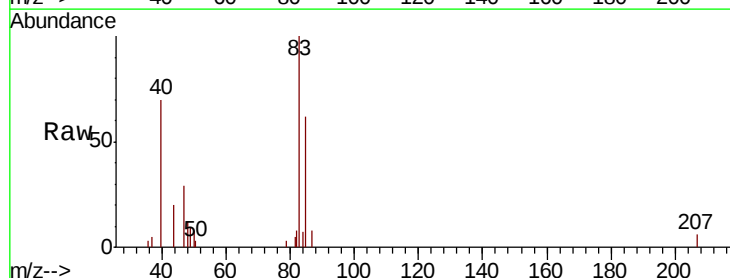
Acq: 28 Dec 2019 02:45

Tgt Ion: 83 Resp: 12358

Ion Ratio Lower Upper

83 100

85 62.3 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

5000

4000

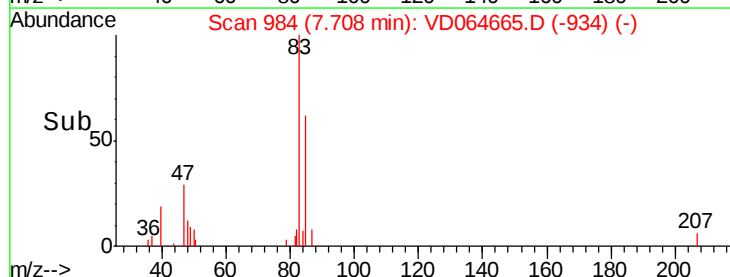
3000

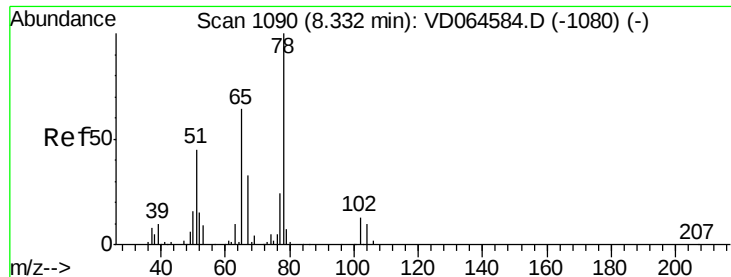
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.902 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

Instrument :

MSVOA_D

ClientSampleId :

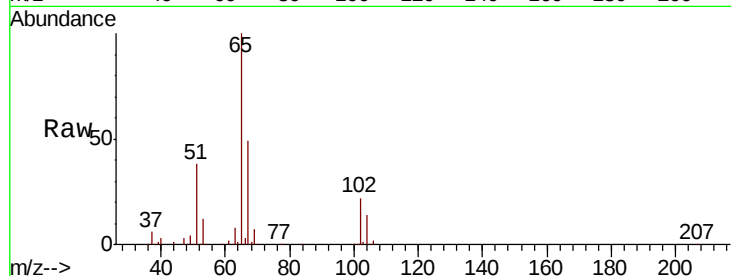
K615-SB1

Tot Ion: 65 Resp: 233184

Ion Ratio Lower Upper

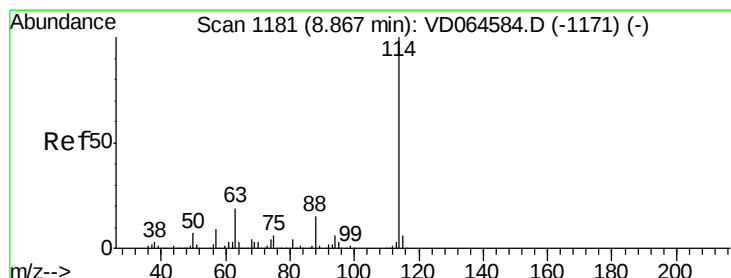
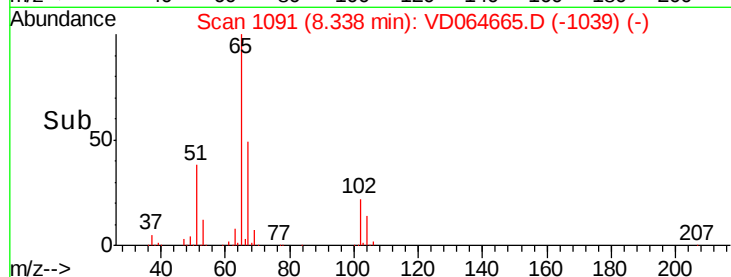
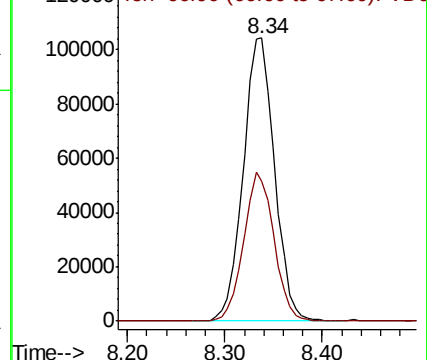
65 100

67 51.1 0.0 106.2



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: VD064665.D

Acq: 28 Dec 2019 02:45

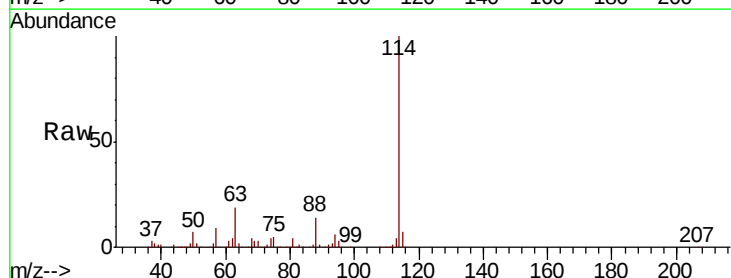
Tgt Ion: 114 Resp: 776158

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.0

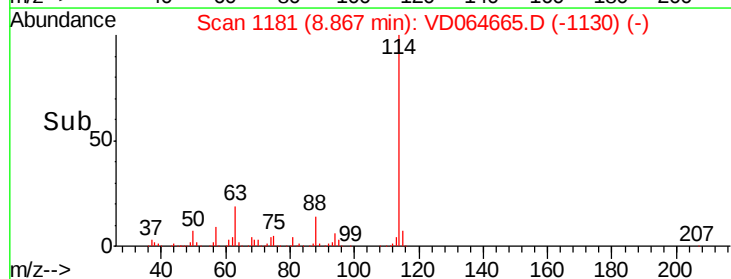
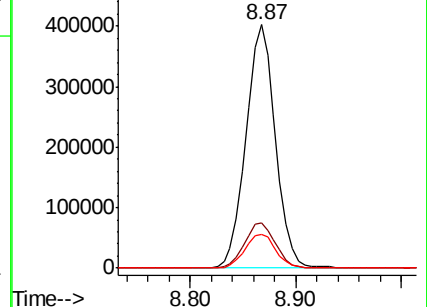
88 13.9 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

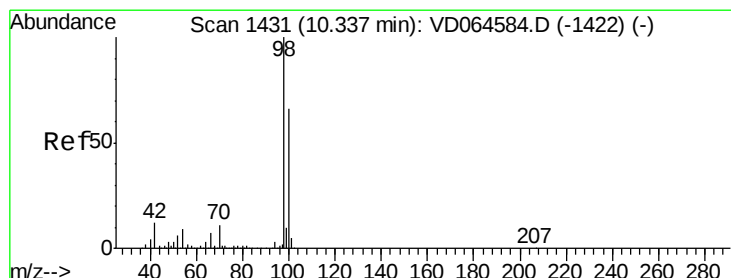
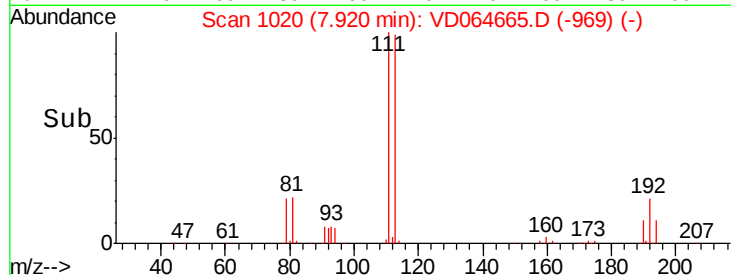
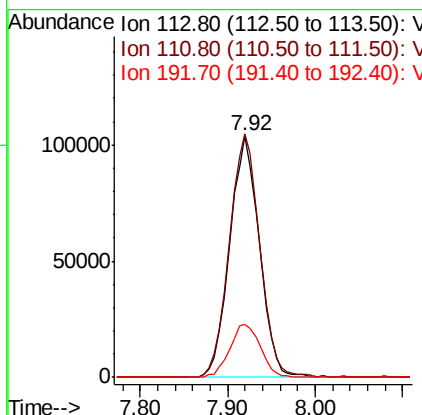
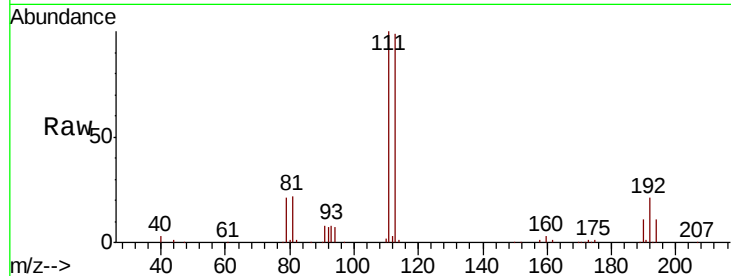




#35
 Dibromofluoromethane
 Concen: 50.124 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064665.D
 Acq: 28 Dec 2019 02:45

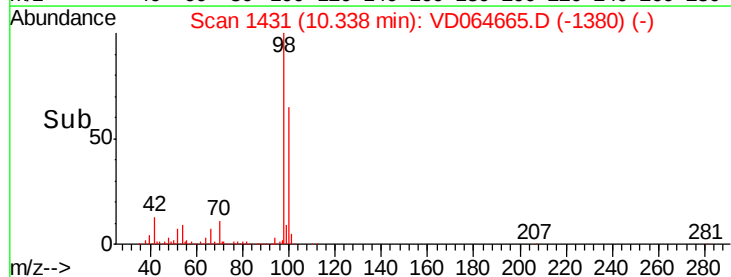
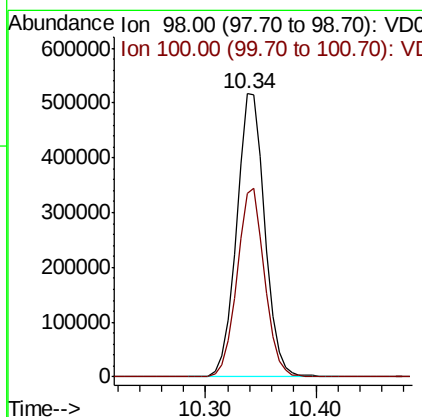
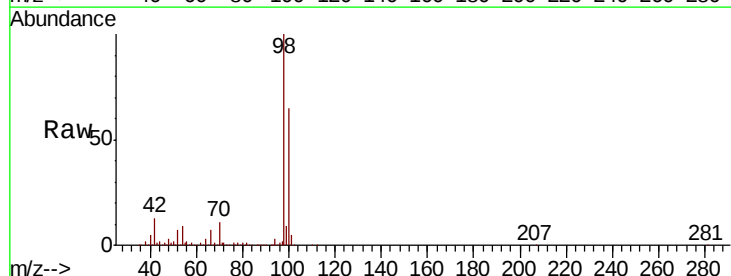
Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB1

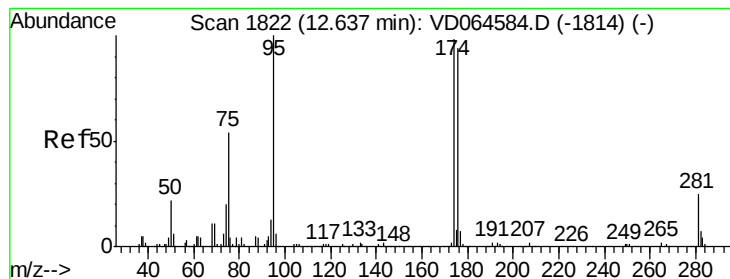
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.6	121.0
192	22.6	17.9	26.9



#50
 Toluene-d8
 Concen: 50.846 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD064665.D
 Acq: 28 Dec 2019 02:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 47.562 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

Instrument :

MSVOA_D

ClientSampleId :

K615-SB1

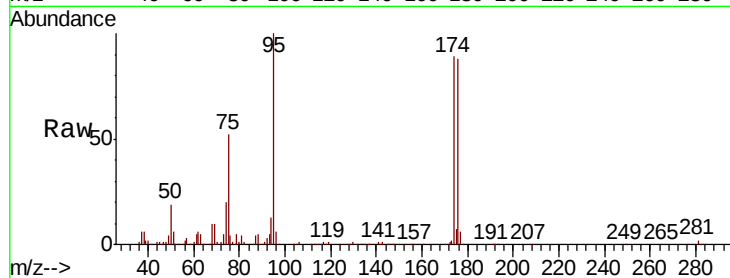
Tot Ion: 95 Resp: 274281

Ion Ratio Lower Upper

95 100

174 94.8 0.0 193.2

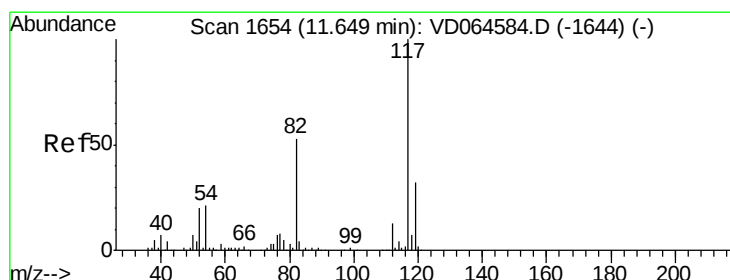
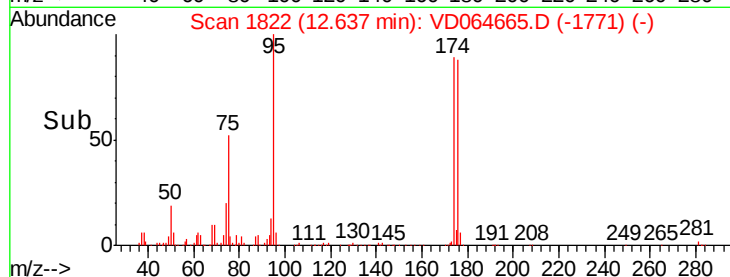
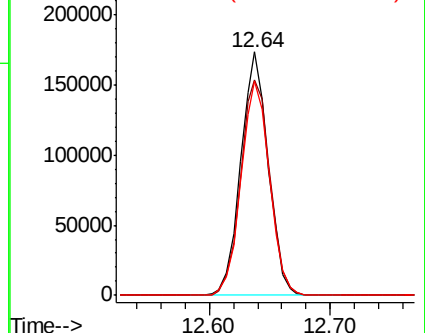
176 91.0 0.0 184.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

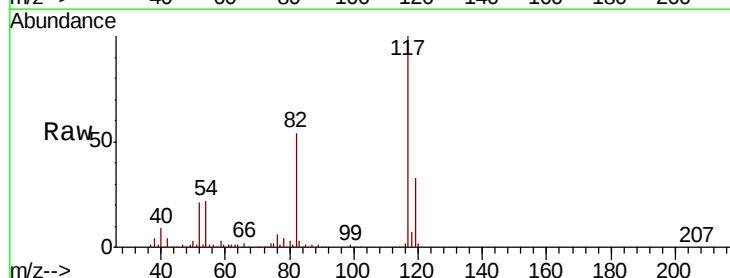
Tgt Ion: 117 Resp: 675220

Ion Ratio Lower Upper

117 100

82 53.5 42.2 63.4

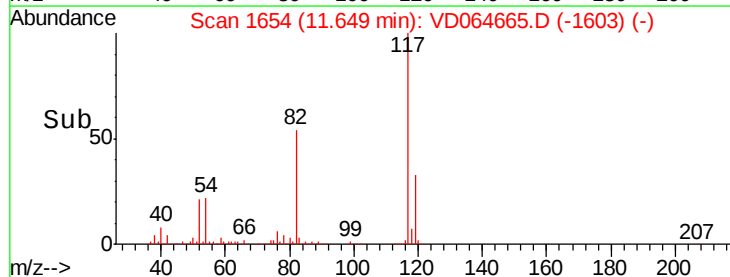
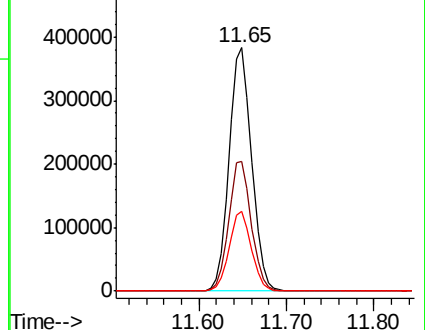
119 32.6 26.0 39.0

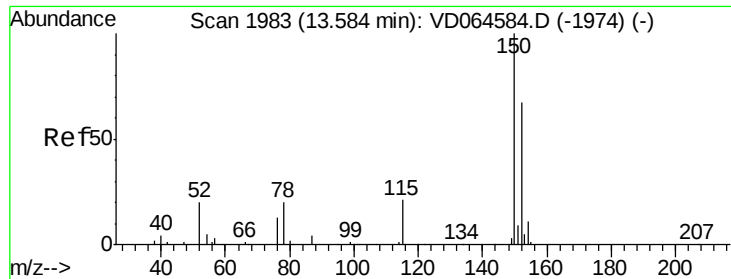


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

Instrument :

MSVOA_D

ClientSampleId :

K615-SB1

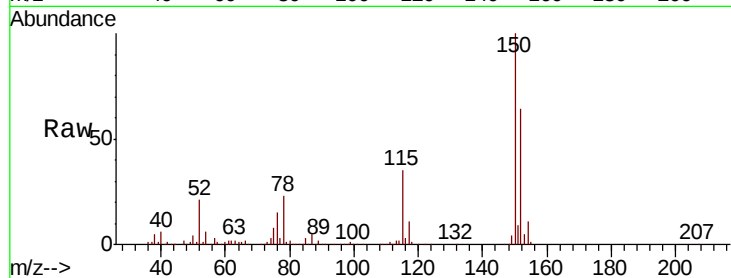
Tot Ion:152 Resp: 305367

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

150 156.9 0.0 351.4



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

