

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065714.D
 Acq On : 07 May 2020 15:43
 Operator : VA/SY
 Sample : L2540-03
 Misc : 7.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HAR-STOCK

Quant Time: May 08 07:52:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	389919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	660761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	582038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259082	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	200569	51.35	ug/l	0.00
Spiked Amount						
			Recovery	=	102.70%	
35) Dibromofluoromethane	7.91	113	211928	51.32	ug/l	0.00
Spiked Amount						
			Recovery	=	102.64%	
50) Toluene-d8	10.34	98	795529	50.16	ug/l	0.00
Spiked Amount						
			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.64	95	256468	45.62	ug/l	0.00
Spiked Amount						
			Recovery	=	91.24%	

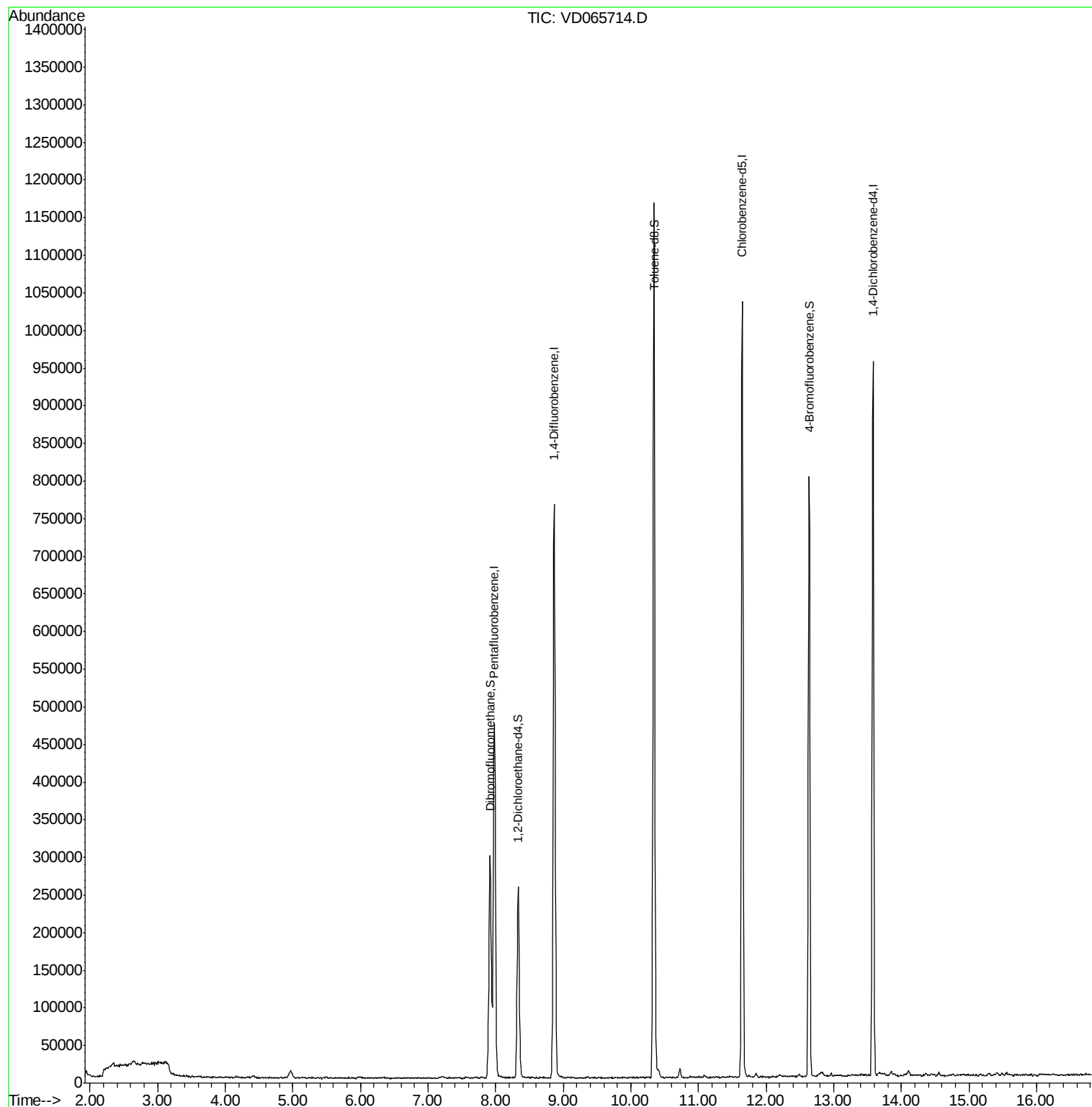
Target Compounds	Qvalue

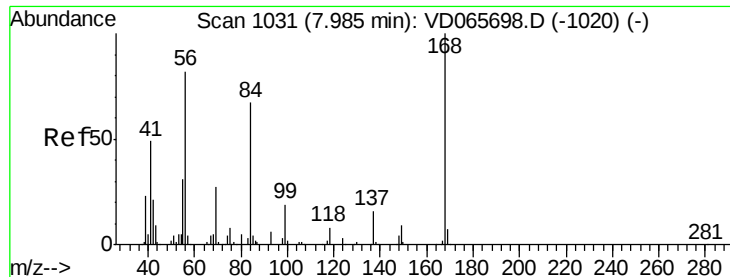
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065714.D

Acq: 07 May 2020 15:43

Instrument :

MSVOA_D

ClientSampleId :

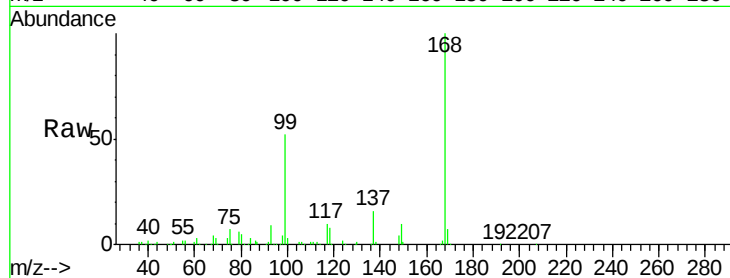
HAR-STOCK

Tot Ion:168 Resp: 389919

Ion Ratio Lower Upper

168 100

99 51.8 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

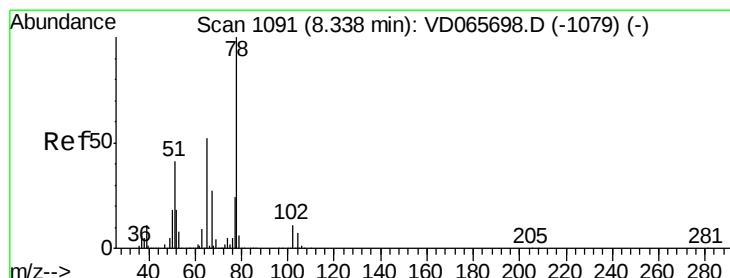
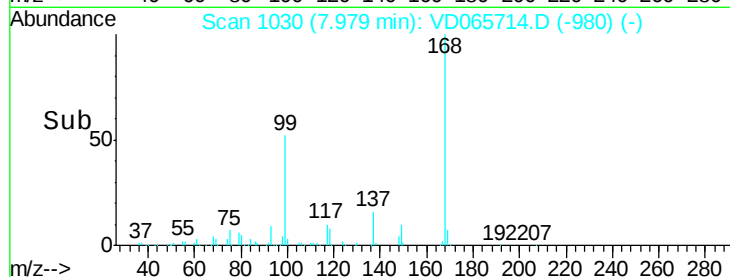
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.353 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065714.D

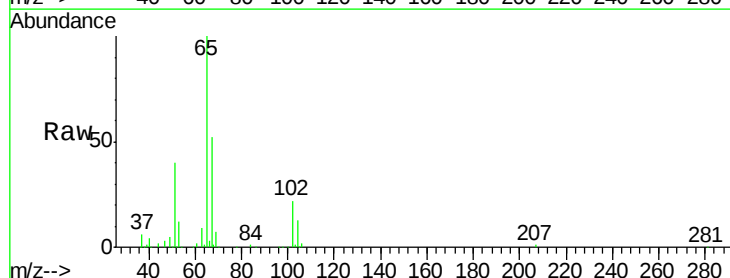
Acq: 07 May 2020 15:43

Tgt Ion: 65 Resp: 200569

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

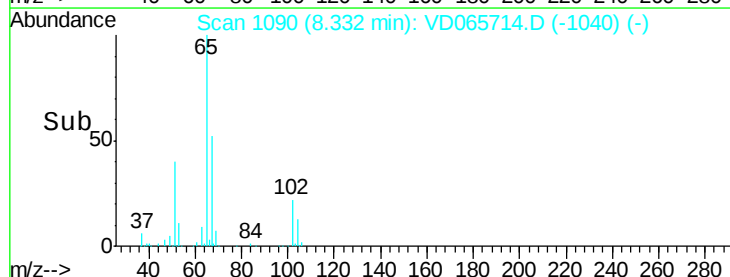
60000

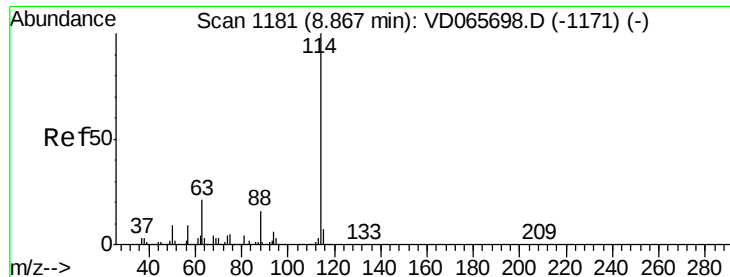
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20000

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Time-->

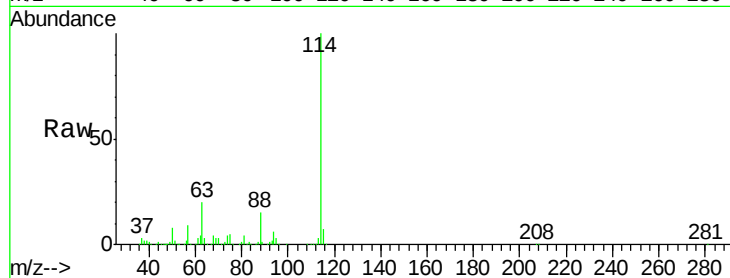




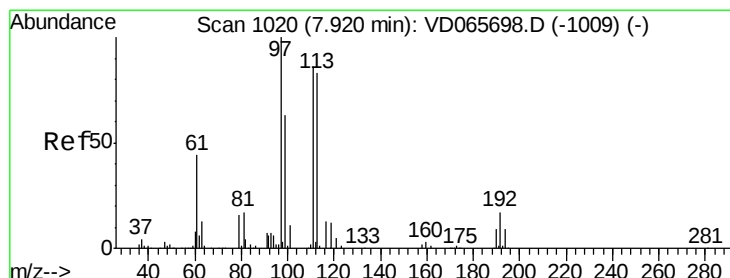
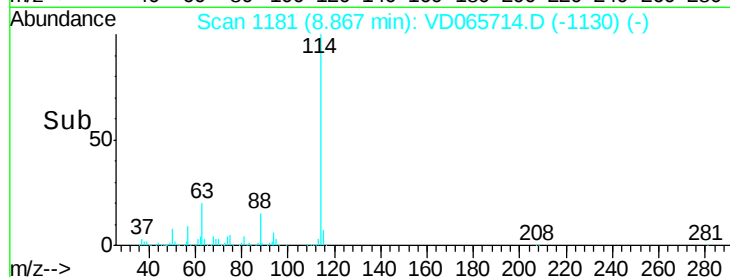
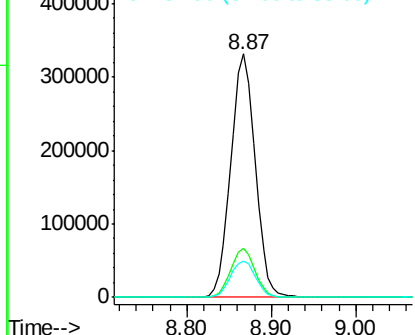
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065714.D
 Acq: 07 May 2020 15:43

Instrument :
 MSVOA_D
 ClientSampleId :
 HAR-STOCK

Tot Ion:114 Resp: 660761
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 14.8 0.0 32.6

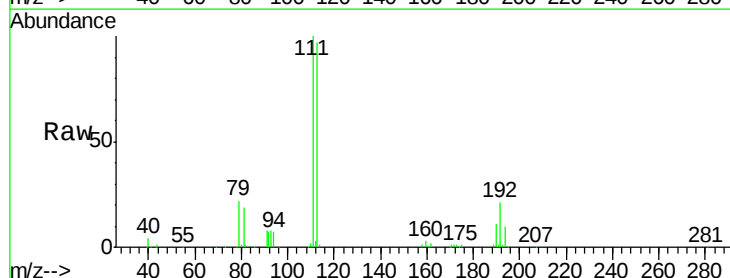


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

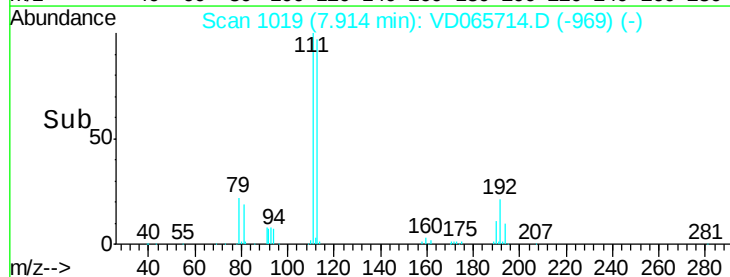
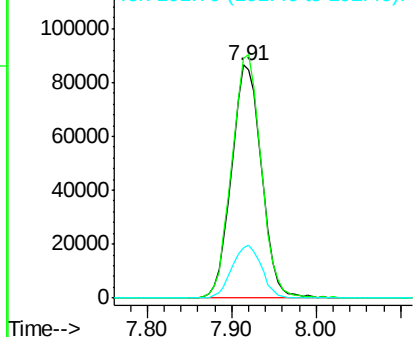


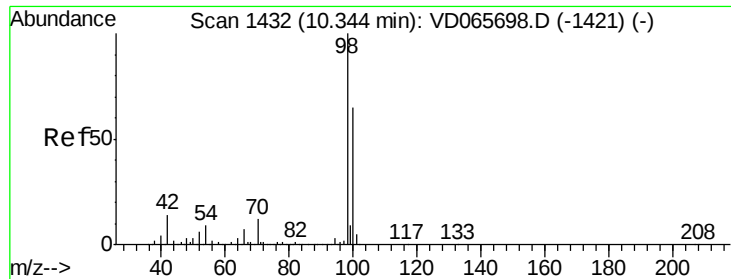
#35
 Dibromofluoromethane
 Concen: 51.318 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065714.D
 Acq: 07 May 2020 15:43

Tgt Ion:113 Resp: 211928
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.7 124.1
 192 22.3 17.0 25.4



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: 50.162 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065714.D

Acq: 07 May 2020 15:43

Instrument :

MSVOA_D

ClientSampleId :

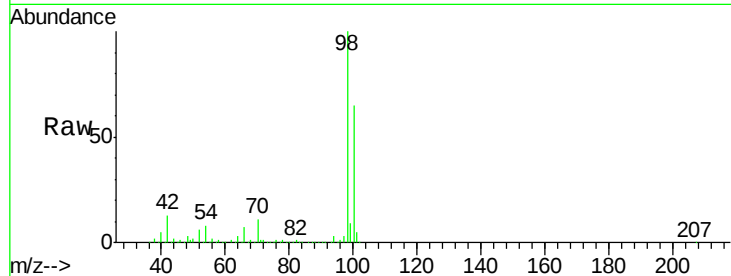
HAR-STOCK

Tot Ion: 98 Resp: 795529

Ion Ratio Lower Upper

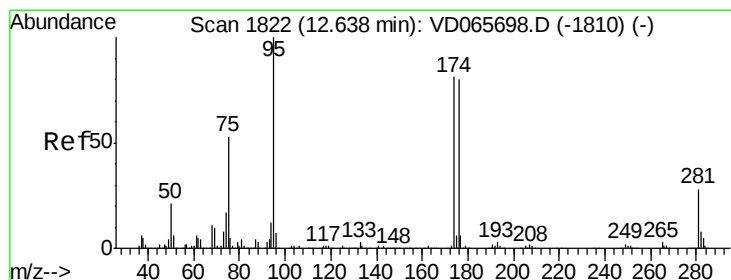
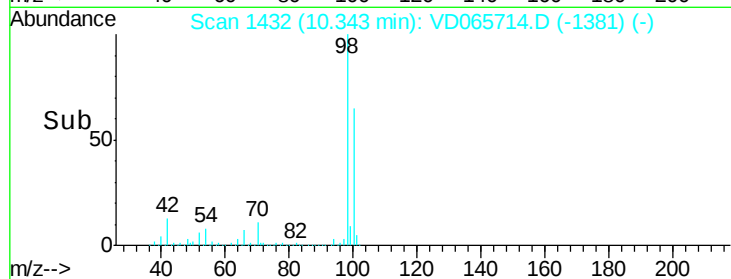
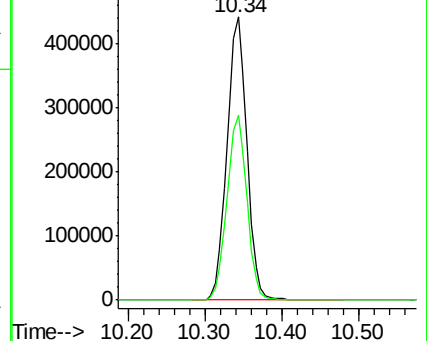
98 100

100 65.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 45.617 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065714.D

Acq: 07 May 2020 15:43

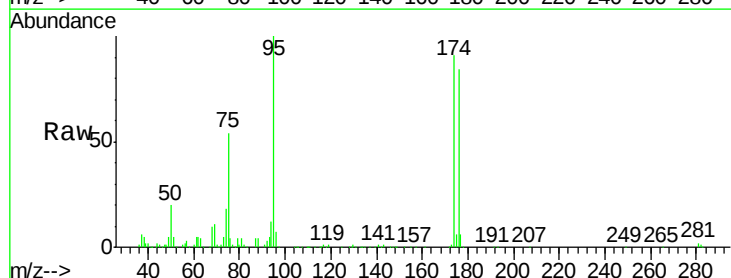
Tgt Ion: 95 Resp: 256468

Ion Ratio Lower Upper

95 100

174 89.0 0.0 162.6

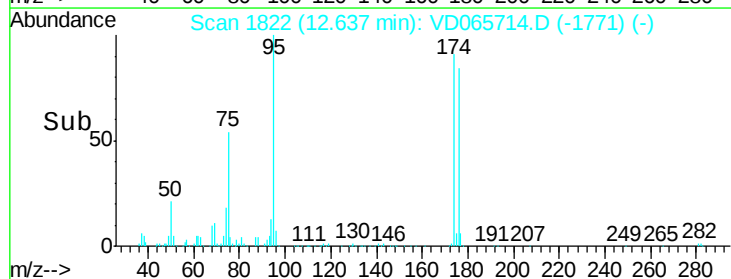
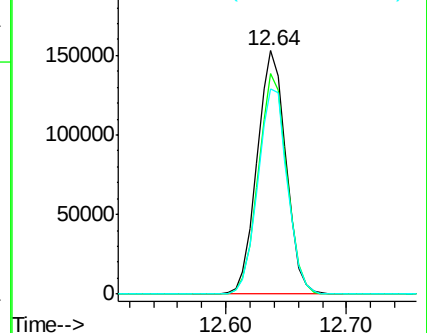
176 85.6 0.0 159.0

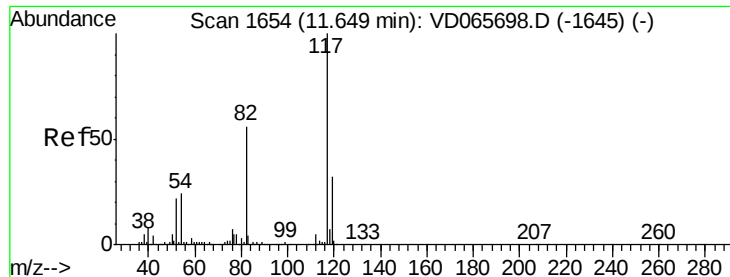


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065714.D

Acq: 07 May 2020 15:43

Instrument :

MSVOA_D

ClientSampleId :

HAR-STOCK

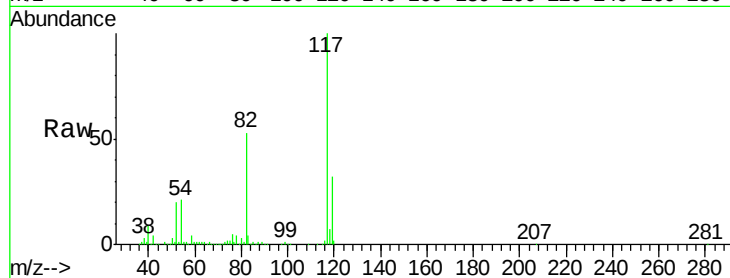
Tot Ion:117 Resp: 582038

Ion Ratio Lower Upper

117 100

82 53.3 44.9 67.3

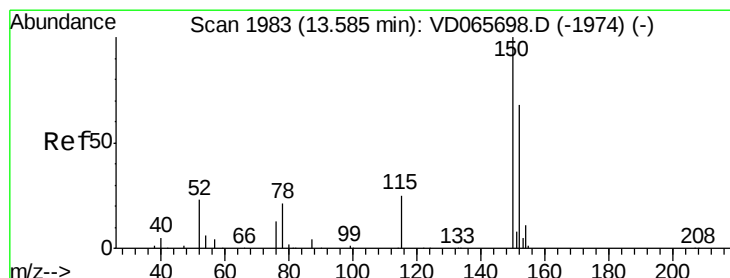
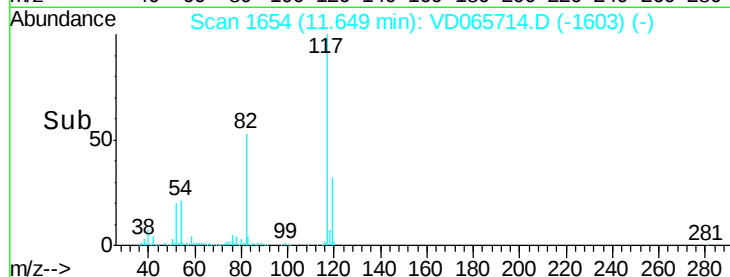
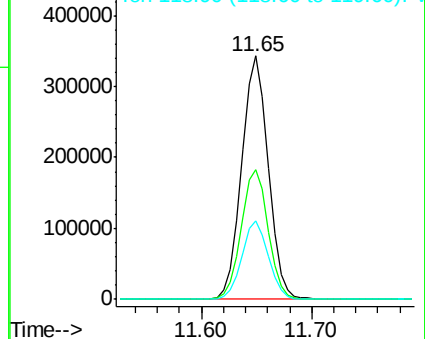
119 32.0 25.4 38.2



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: VD065714.D

Acq: 07 May 2020 15:43

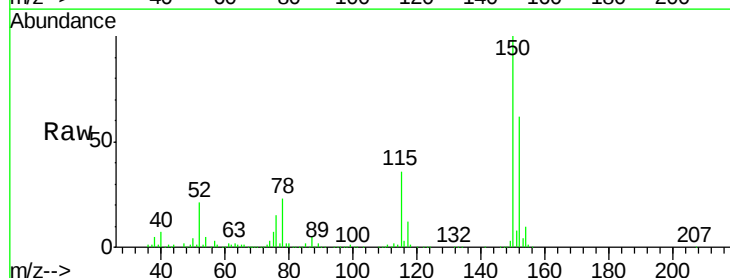
Tgt Ion:152 Resp: 259082

Ion Ratio Lower Upper

152 100

115 56.2 29.5 88.5

150 157.4 0.0 346.8



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

