

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065539.D
 Acq On : 27 Mar 2020 12:51
 Operator : VA/SY
 Sample : L1753-09
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-032520

Quant Time: Mar 30 07:13:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

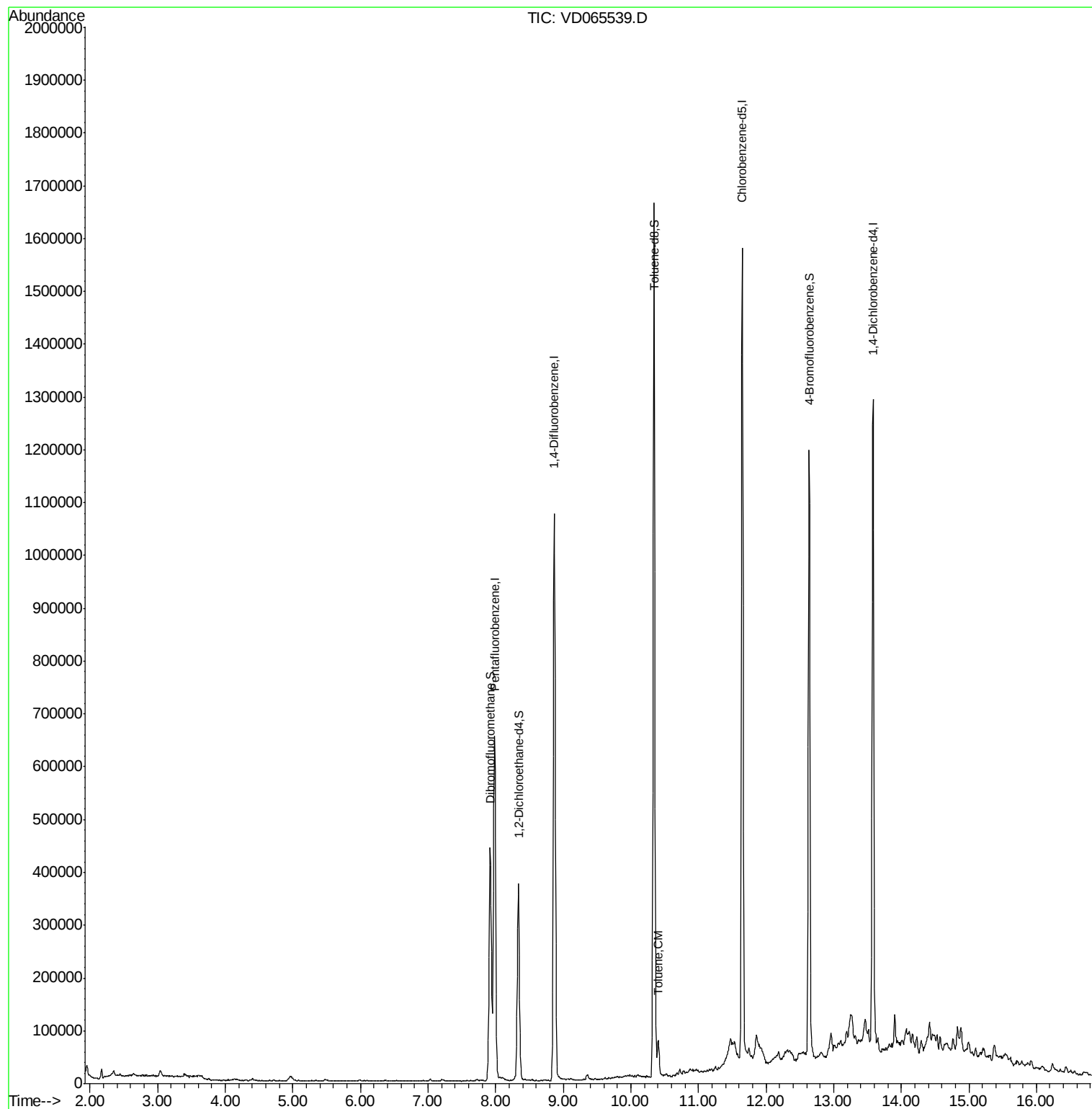
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	526192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	936916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	910951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	357830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	284604	64.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.96%	
35) Dibromofluoromethane	7.92	113	317135	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
50) Toluene-d8	10.34	98	1123022	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.64	95	368304	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
Target Compounds						
52) Toluene	10.41	92	26225	1.695	ug/l	Qvalue 98

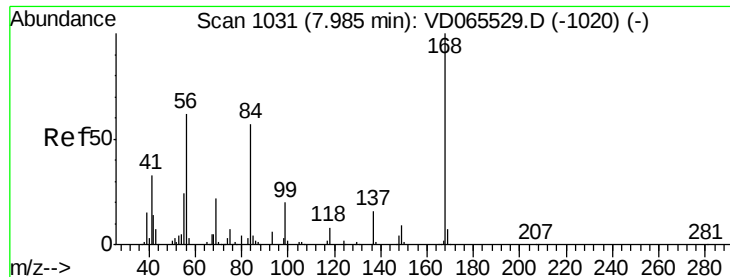
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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

Lab File: VD065539.D

Acq: 27 Mar 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

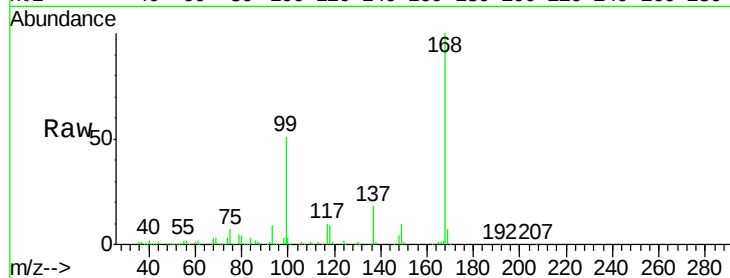
CL-02-032520

Tot Ion:168 Resp: 526192

Ion Ratio Lower Upper

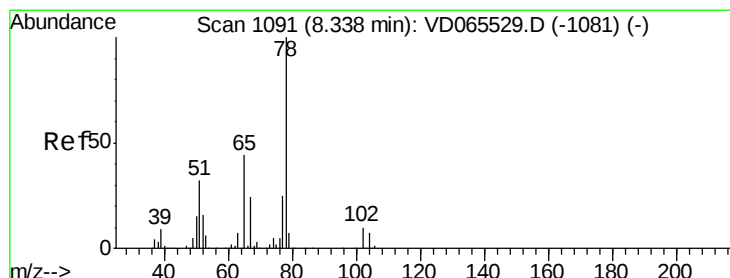
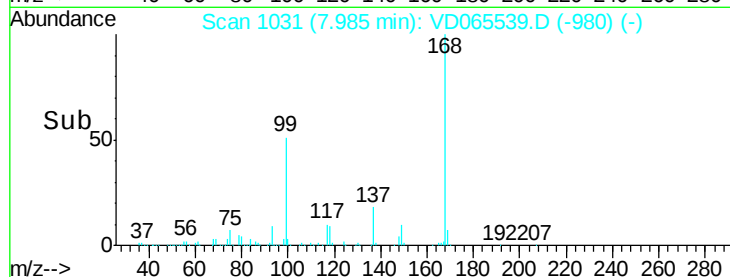
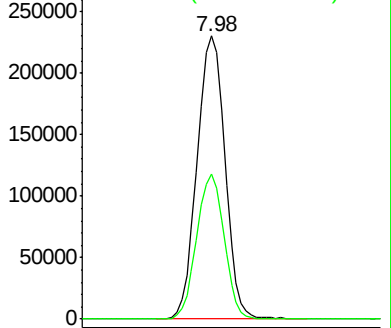
168 100

99 51.1 39.1 58.7



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: 64.975 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065539.D

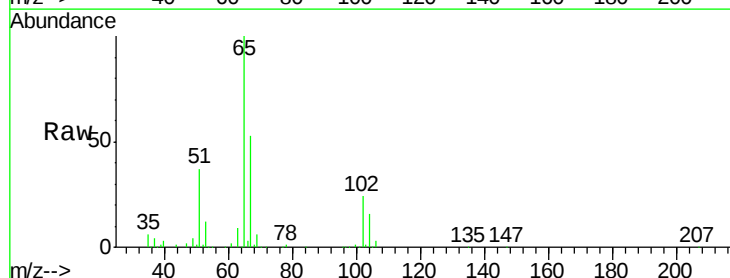
Acq: 27 Mar 2020 12:51

Tgt Ion: 65 Resp: 284604

Ion Ratio Lower Upper

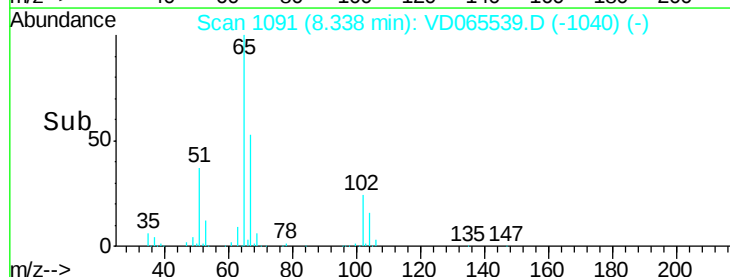
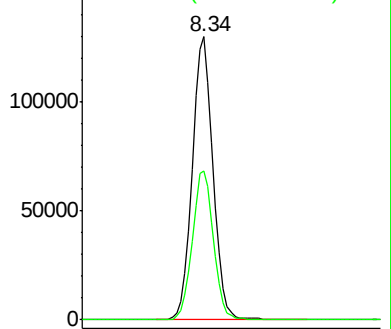
65 100

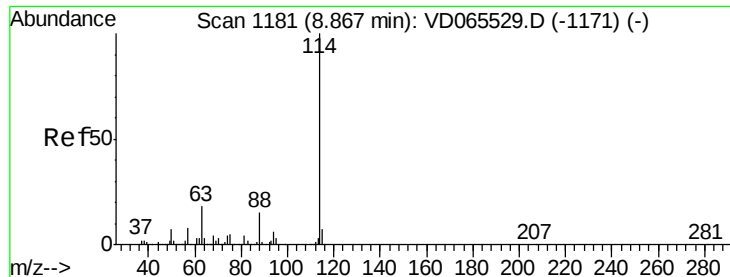
67 53.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

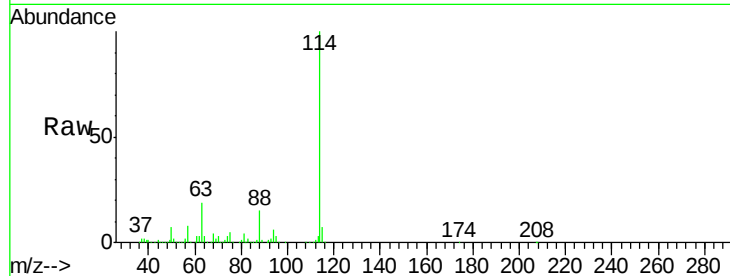




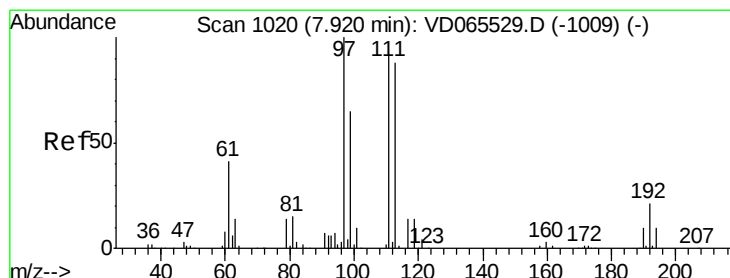
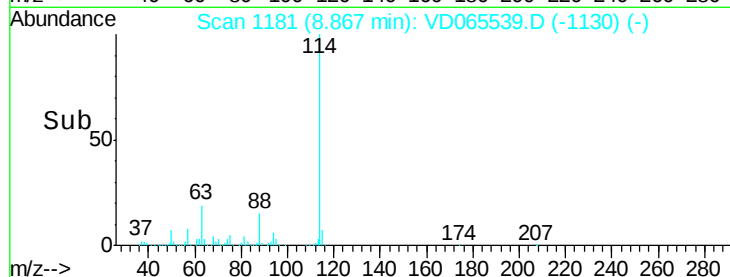
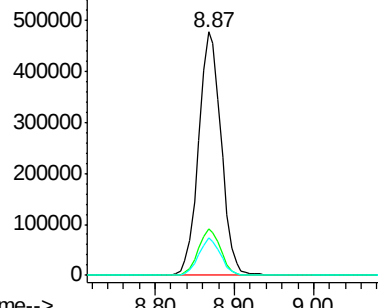
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065539.D
Acq: 27 Mar 2020 12:51

Instrument :
MSVOA_D
ClientSampleId :
CL-02-032520

Tot Ion:114 Resp: 936916
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.0
88 15.5 0.0 30.4

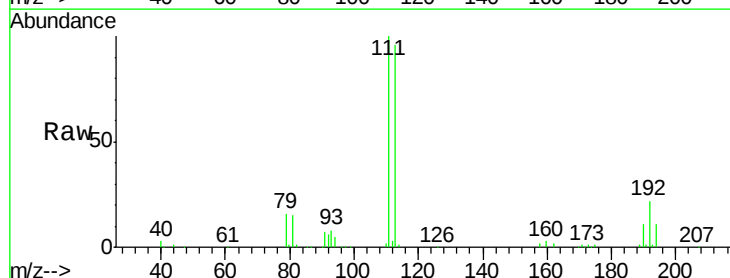


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

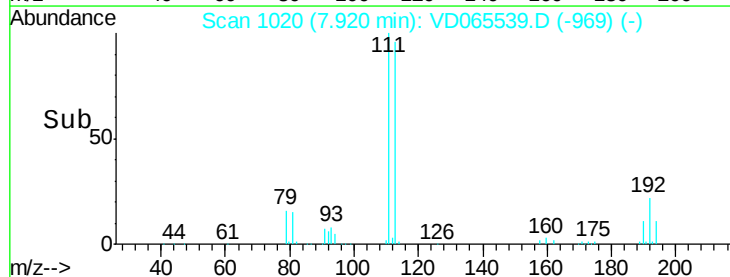
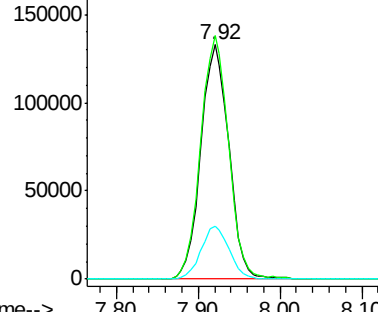


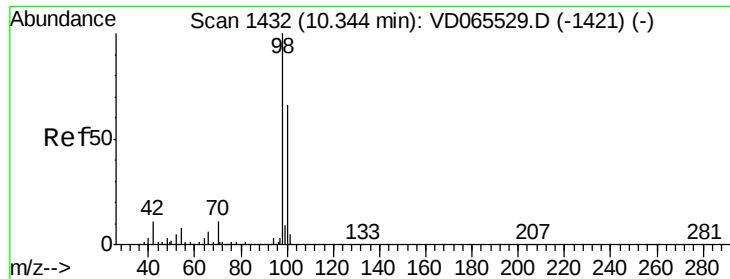
#35
Dibromofluoromethane
Concen: 54.838 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065539.D
Acq: 27 Mar 2020 12:51

Tgt Ion:113 Resp: 317135
Ion Ratio Lower Upper
113 100
111 103.6 83.3 124.9
192 22.5 18.5 27.7



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: 51.725 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065539.D

Acq: 27 Mar 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

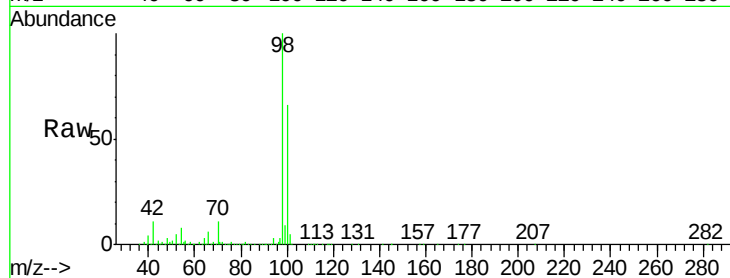
CL-02-032520

Tot Ion: 98 Resp: 1123022

Ion Ratio Lower Upper

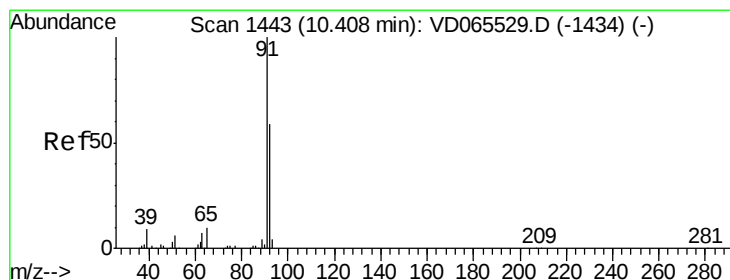
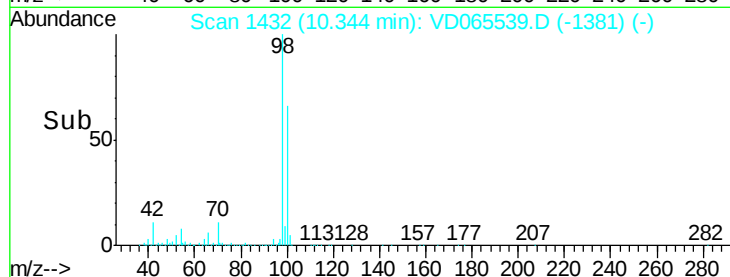
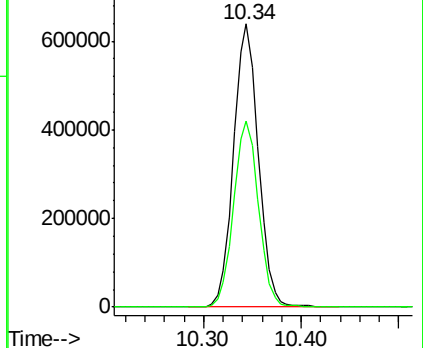
98 100

100 66.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#52

Toluene

Concen: 1.695 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065539.D

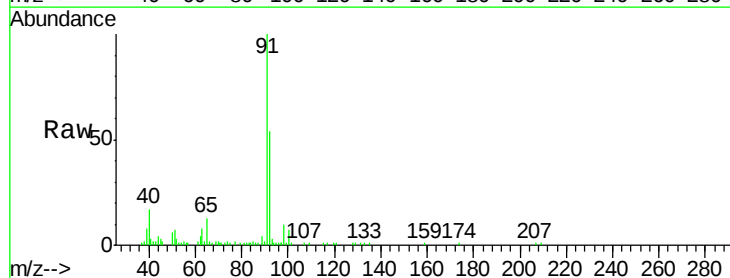
Acq: 27 Mar 2020 12:51

Tgt Ion: 92 Resp: 26225

Ion Ratio Lower Upper

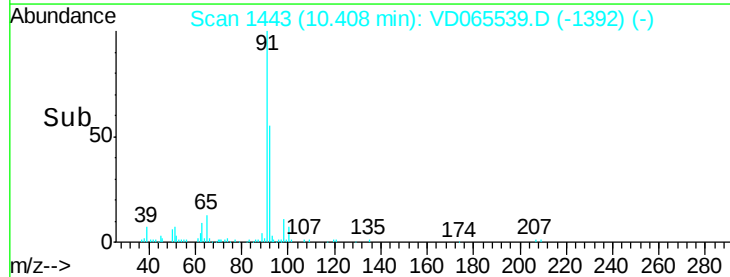
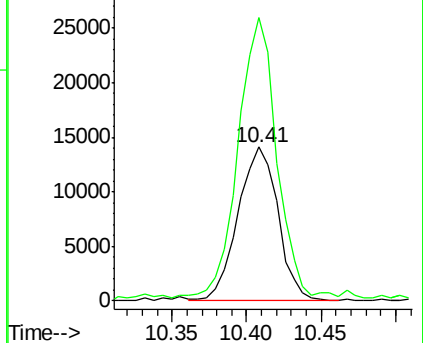
92 100

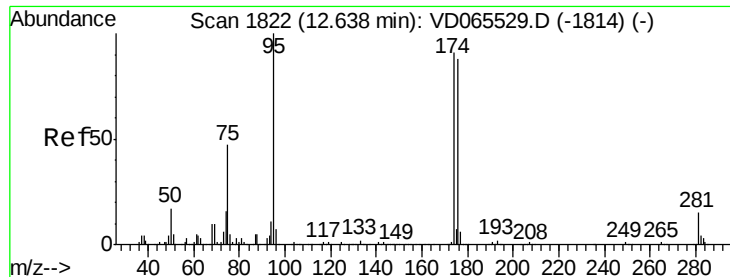
91 174.5 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 53.448 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065539.D

Acq: 27 Mar 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

CL-02-032520

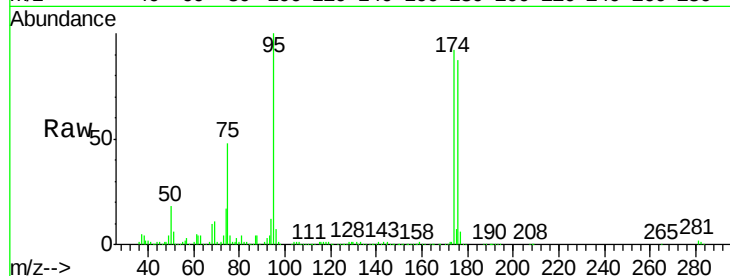
Tot Ion: 95 Resp: 368304

Ion Ratio Lower Upper

95 100

174 94.9 0.0 183.8

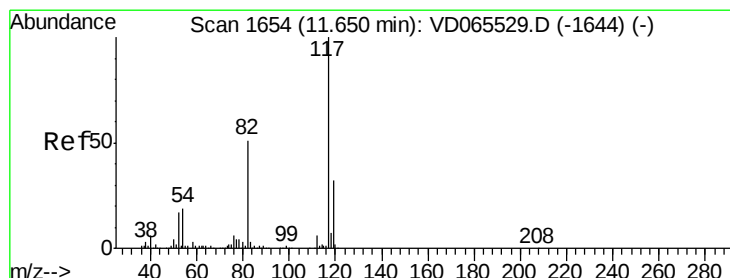
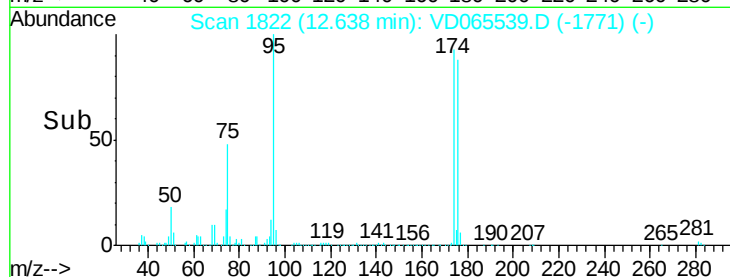
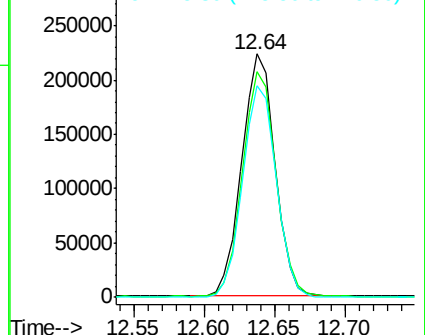
176 88.6 0.0 178.2



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: VD065539.D

Acq: 27 Mar 2020 12:51

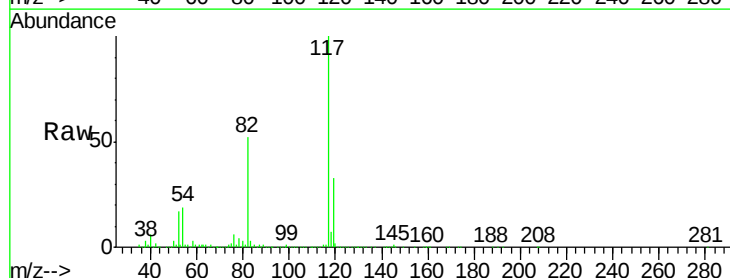
Tgt Ion: 117 Resp: 910951

Ion Ratio Lower Upper

117 100

82 51.7 41.0 61.6

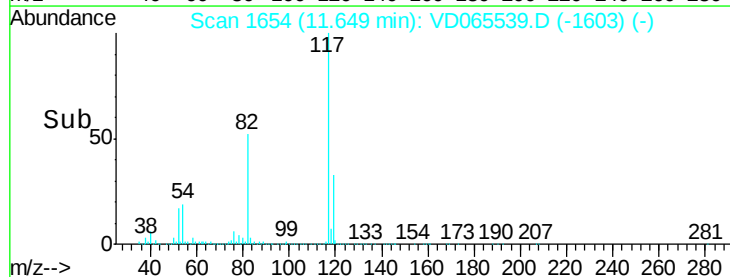
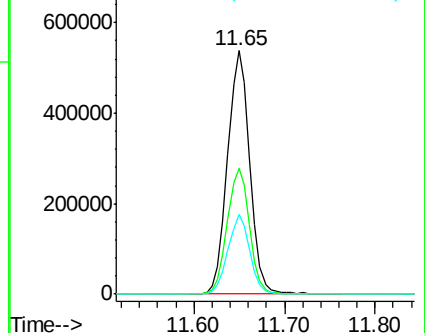
119 32.5 25.5 38.3

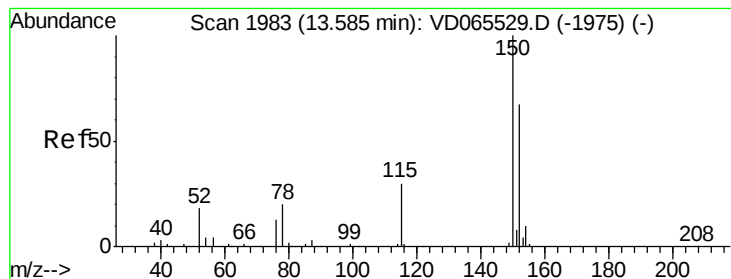


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065539.D

Acq: 27 Mar 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

CL-02-032520

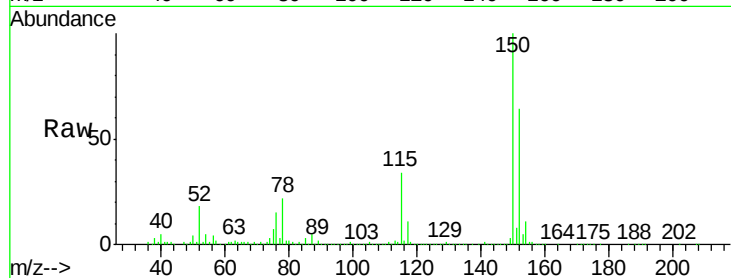
Tot Ion:152 Resp: 357830

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.6

150 156.2 0.0 340.2



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

