

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101419\
 Data File : VD063951.D
 Acq On : 14 Oct 2019 12:59
 Operator : VA/SY
 Sample : VD1014SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBL01

Quant Time: Oct 14 17:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	160510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	279285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	270745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	135188	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	88405	56.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.14%	
35) Dibromofluoromethane	7.91	113	88168	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.34	98	350442	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.63	95	110499	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	

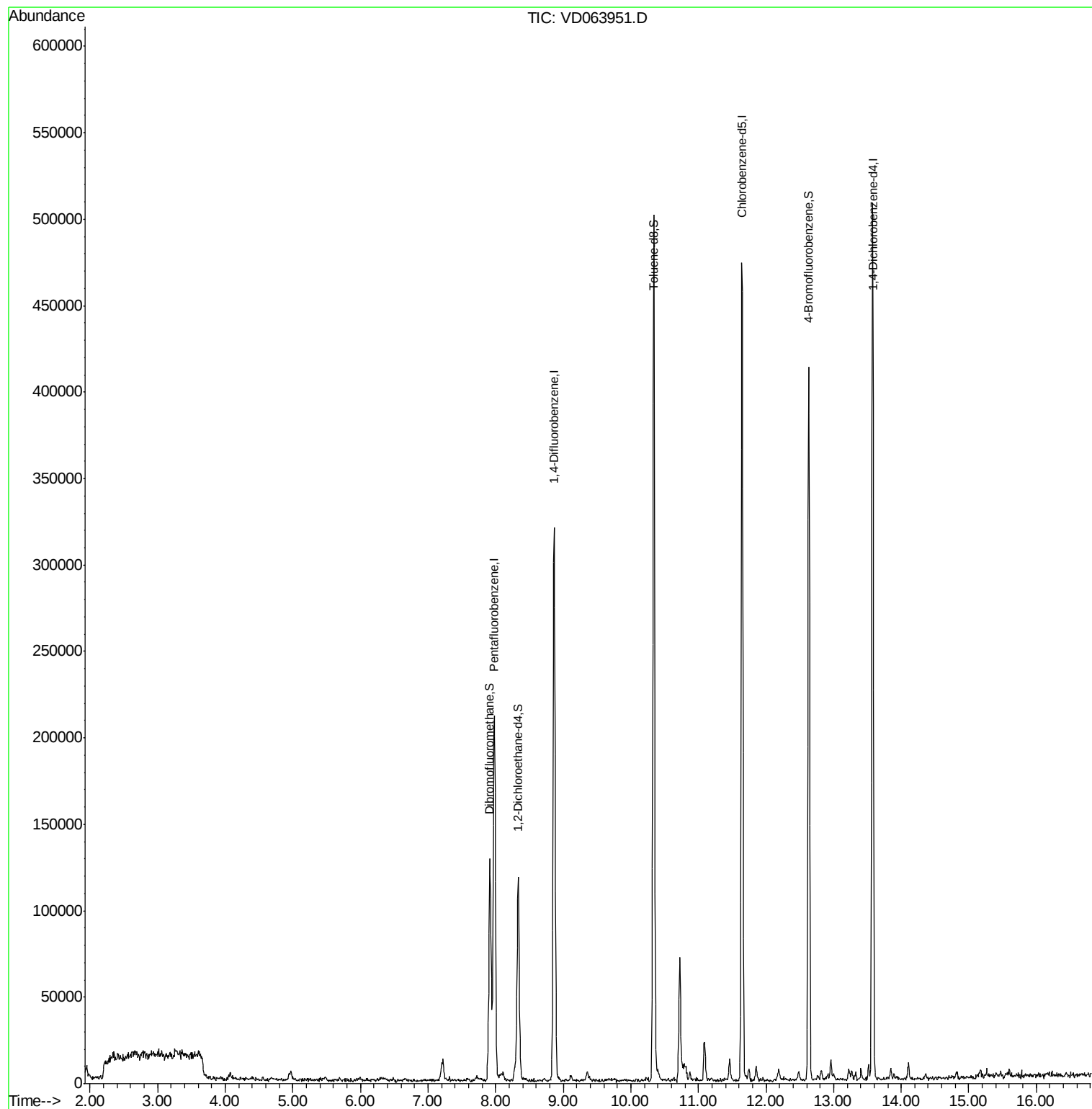
Target Compounds	Qvalue

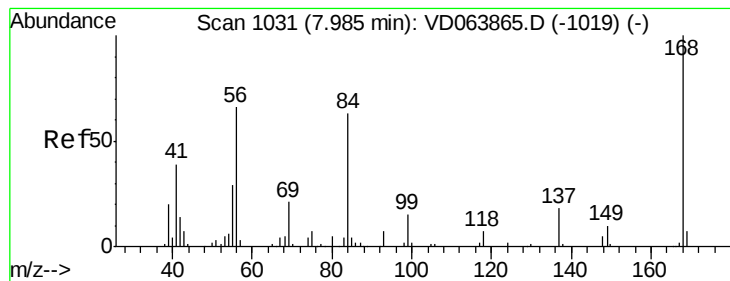
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101419\
Data File : VD063951.D
Acq On : 14 Oct 2019 12:59
Operator : VA/SY
Sample : VD1014SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBL01

Quant Time: Oct 14 17:18:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063951.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_D

ClientSampleId :

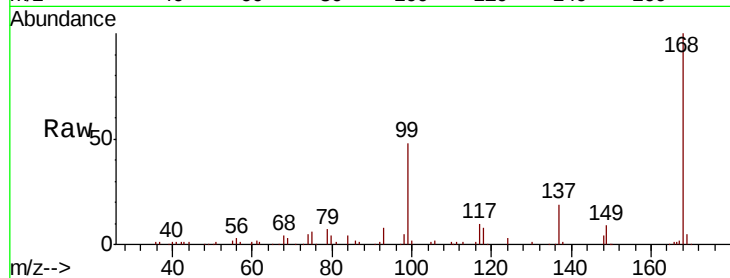
VD1014SBL01

Tot Ion:168 Resp: 160510

Ion Ratio Lower Upper

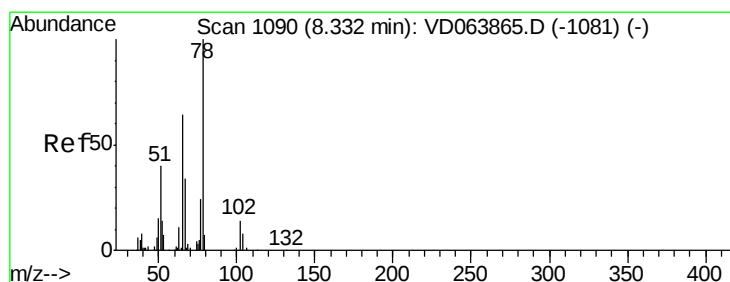
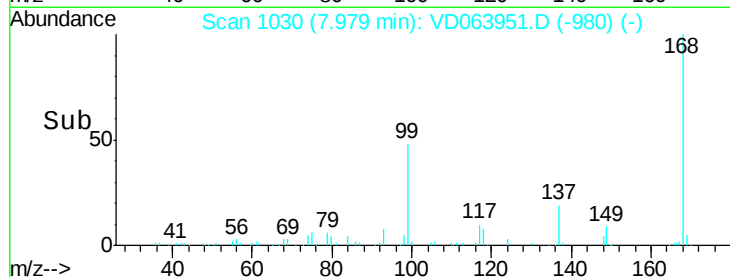
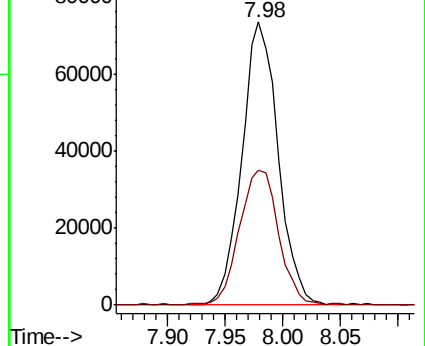
168 100

99 47.1 43.0 64.4



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: 56.572 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063951.D

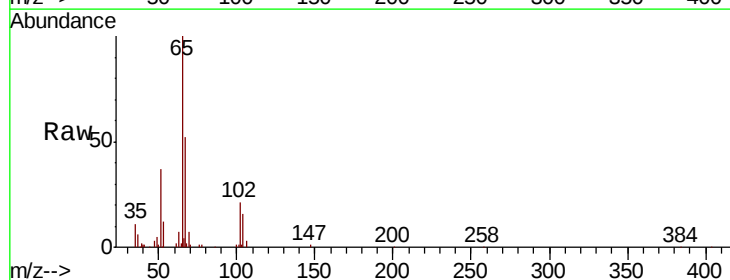
Acq: 14 Oct 2019 12:59

Tgt Ion: 65 Resp: 88405

Ion Ratio Lower Upper

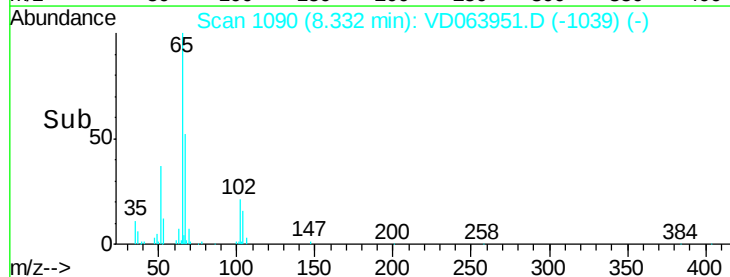
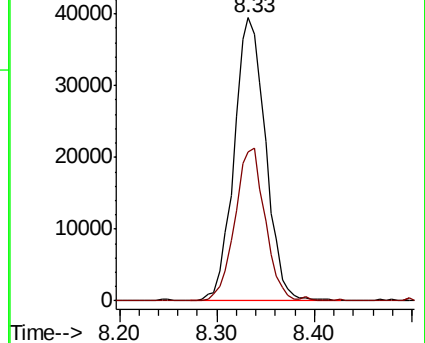
65 100

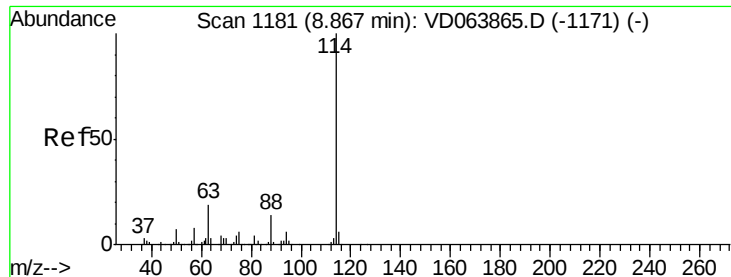
67 51.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

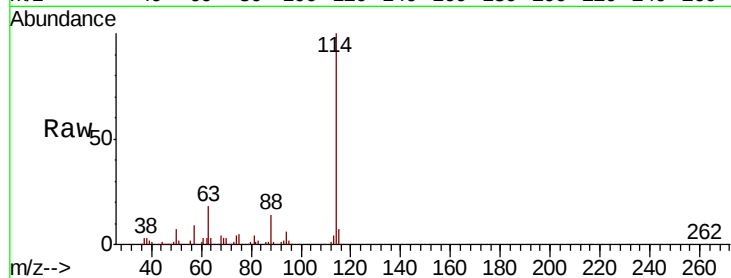




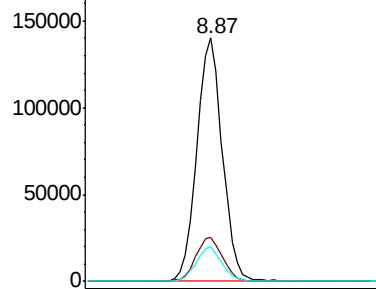
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063951.D
 Acq: 14 Oct 2019 12:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBL01

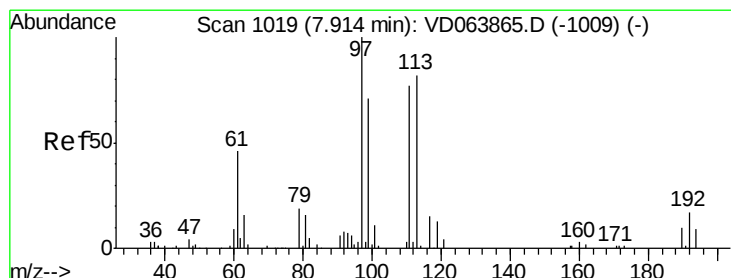
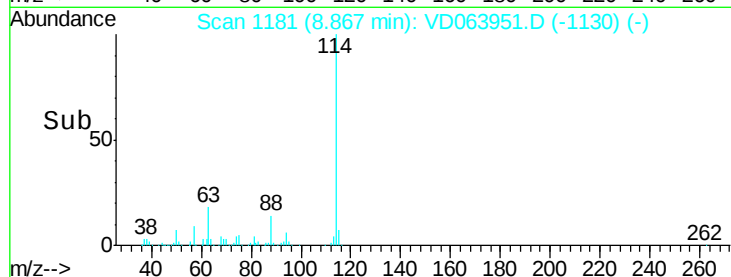
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.4
88	14.3	0.0	27.4



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

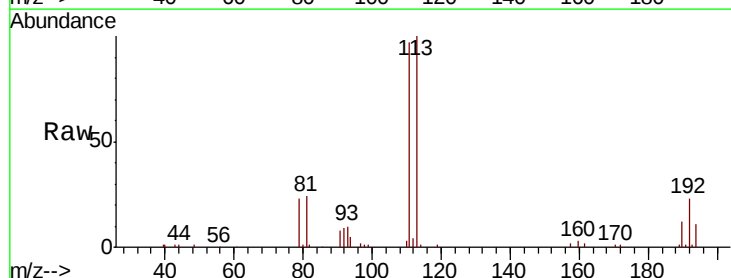


Time-->

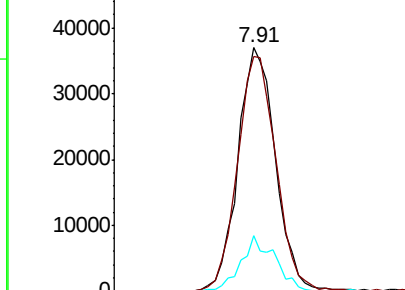


#35
 Dibromofluoromethane
 Concen: 51.657 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD063951.D
 Acq: 14 Oct 2019 12:59

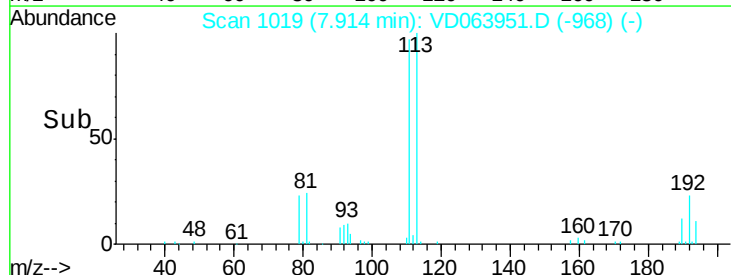
Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.6	123.8
192	20.5	17.1	25.7

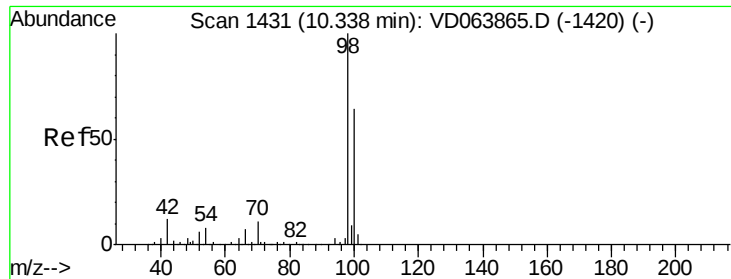


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 50.586 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD063951.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_D

ClientSampleId :

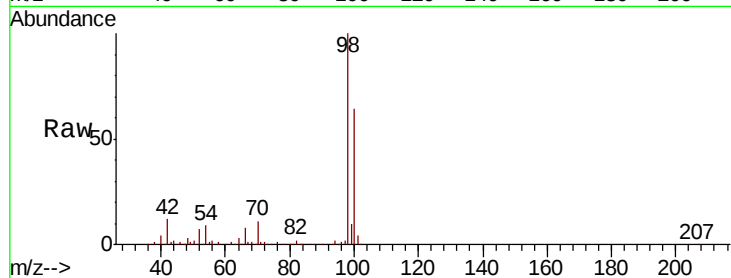
VD1014SBL01

Tot Ion: 98 Resp: 350442

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

150000

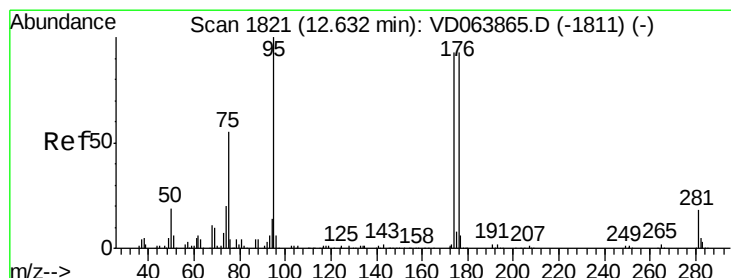
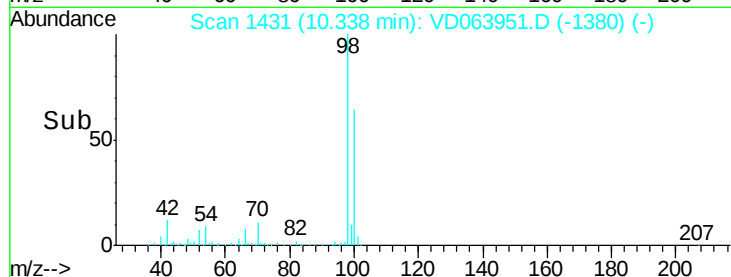
100000

50000

0

Time-->

10.30 10.40



#62

4-Bromofluorobenzene

Concen: 45.901 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063951.D

Acq: 14 Oct 2019 12:59

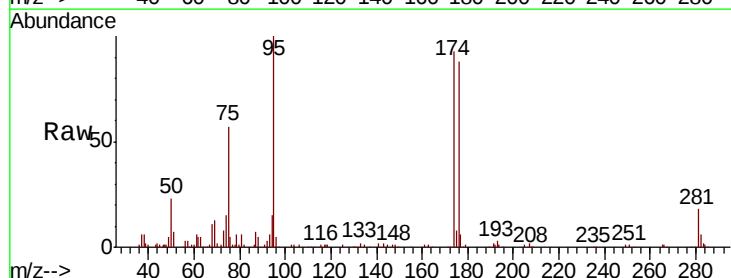
Tgt Ion: 95 Resp: 110499

Ion Ratio Lower Upper

95 100

174 96.9 0.0 186.4

176 90.5 0.0 184.2



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

12.63

80000

60000

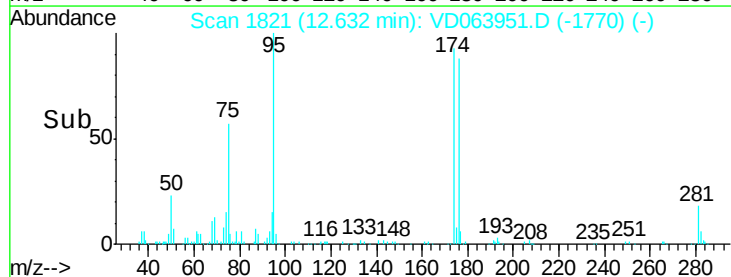
40000

20000

0

Time-->

12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063951.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBL01

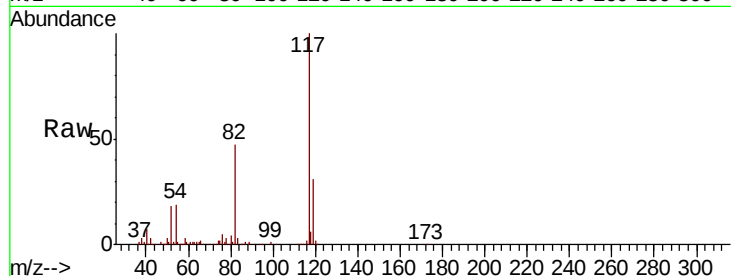
Tot Ion:117 Resp: 270745

Ion Ratio Lower Upper

117 100

82 47.3 42.8 64.2

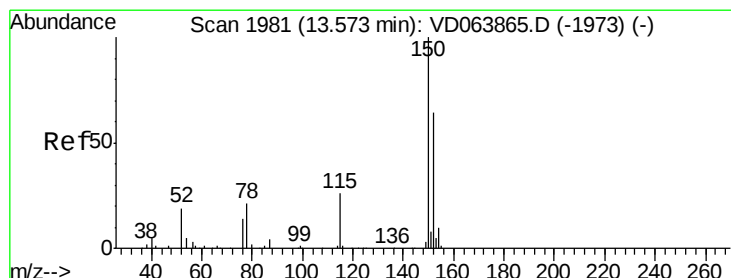
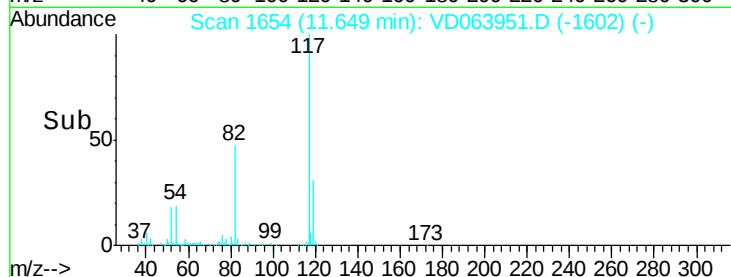
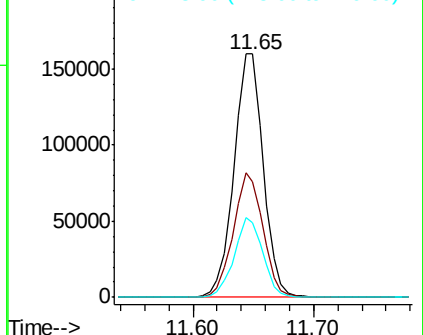
119 30.6 24.4 36.6



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# 1982

Delta R.T. 0.01 min

Lab File: VD063951.D

Acq: 14 Oct 2019 12:59

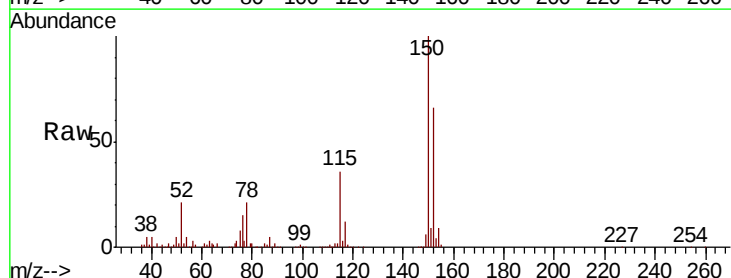
Tgt Ion:152 Resp: 135188

Ion Ratio Lower Upper

152 100

115 54.4 25.9 77.7

150 152.6 0.0 344.2



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

