

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064381.D
 Acq On : 26 Nov 2019 13:50
 Operator : VA/SY
 Sample : K5999-03
 Misc : 5.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IDLEWILD-BH-03A

Quant Time: Nov 27 06:04:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	767219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1128490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	970528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	433260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	299234	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.92	113	333949	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.34	98	1319447	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.64	95	400577	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

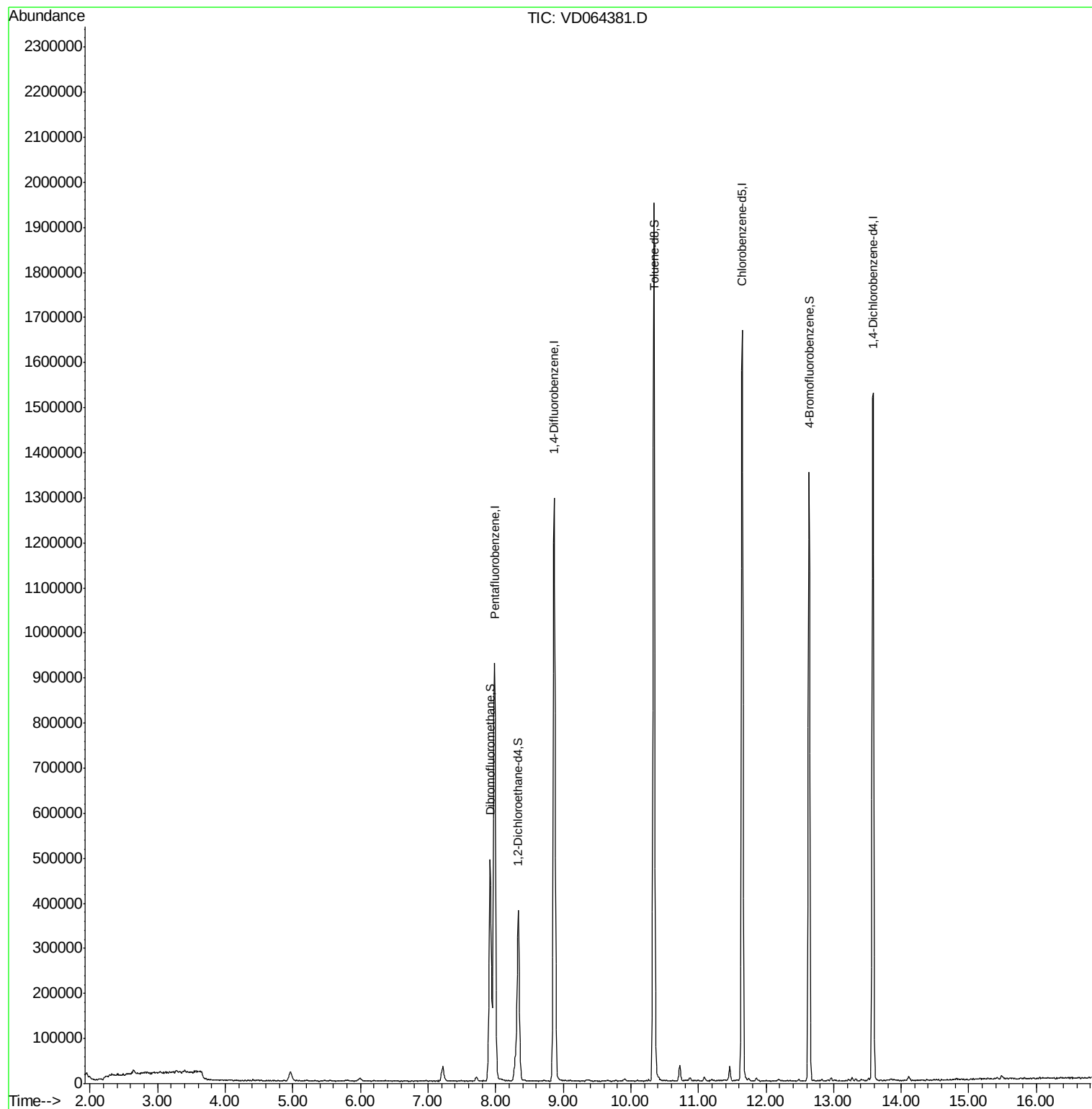
Target Compounds Qvalue

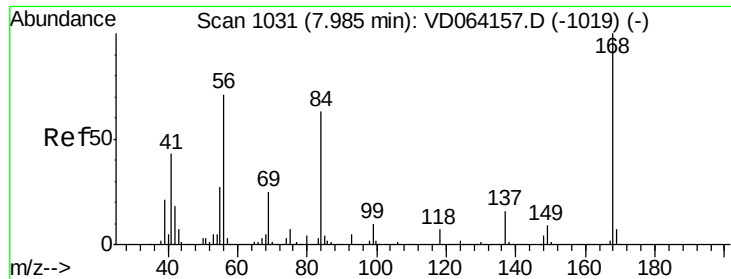
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064381.D

Acq: 26 Nov 2019 13:50

Instrument :

MSVOA_D

ClientSampleId :

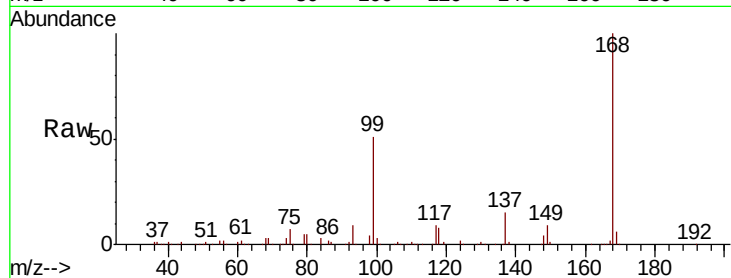
IDLEWILD-BH-03A

Tot Ion:168 Resp: 767219

Ion Ratio Lower Upper

168 100

99 50.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

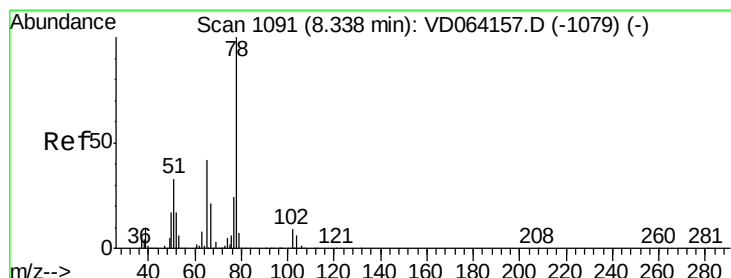
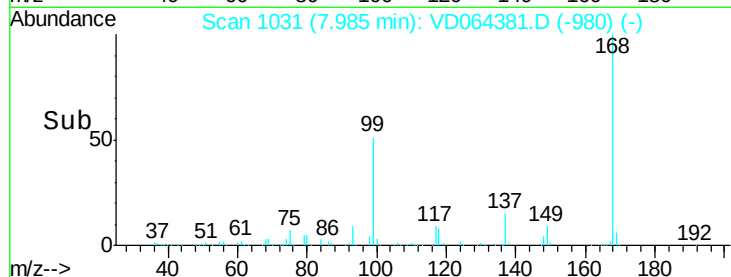
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.423 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064381.D

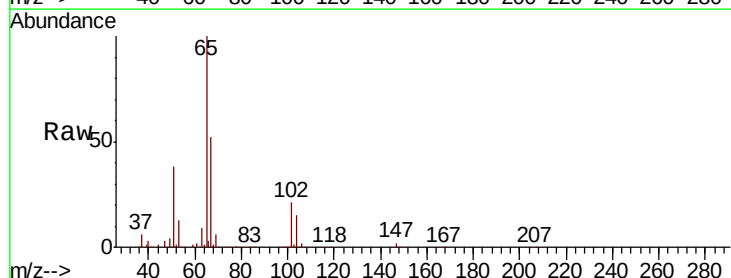
Acq: 26 Nov 2019 13:50

Tgt Ion: 65 Resp: 299234

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

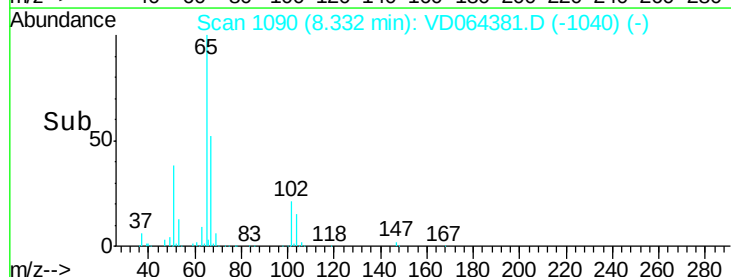
150000

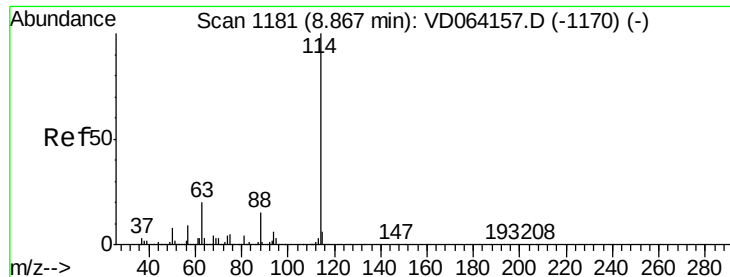
100000

50000

0

Time-->

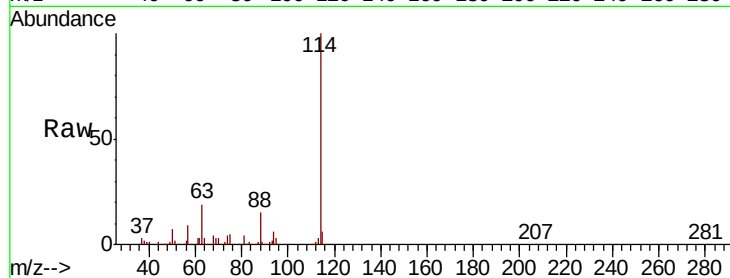




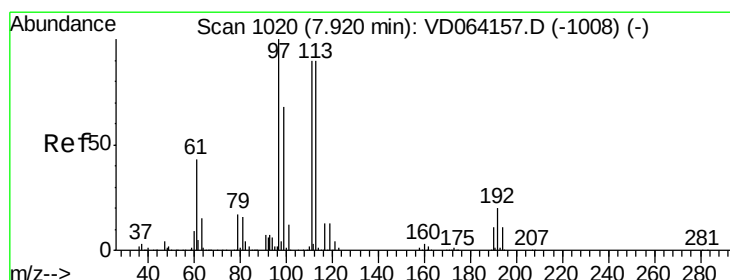
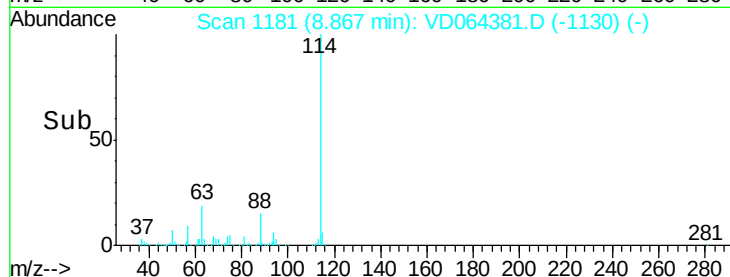
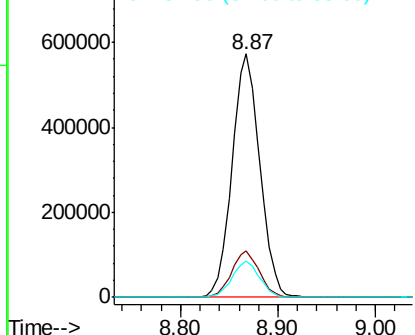
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064381.D
 Acq: 26 Nov 2019 13:50

Instrument :
 MSVOA_D
 ClientSampleId :
 IDLEWILD-BH-03A

Tot Ion:114 Resp: 1128490
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 14.9 0.0 30.2

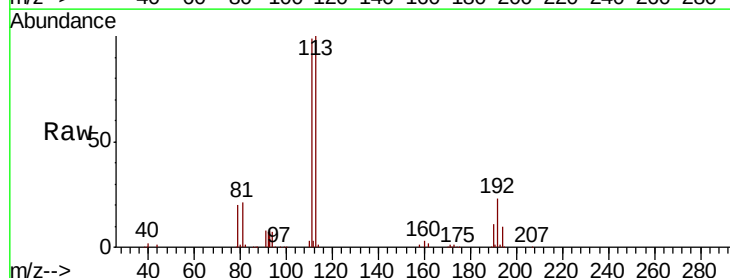


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

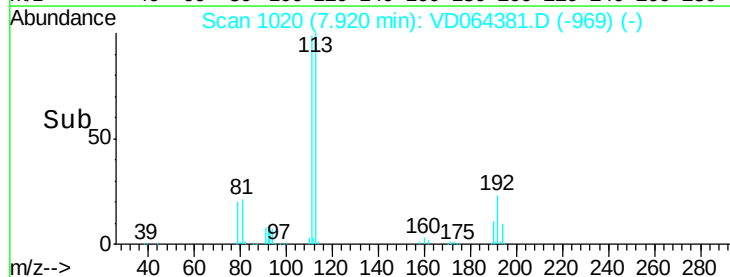
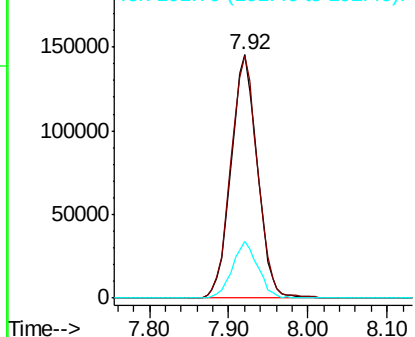


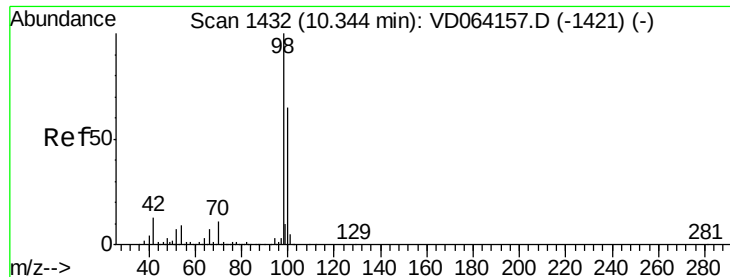
#35
 Dibromofluoromethane
 Concen: 51.553 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064381.D
 Acq: 26 Nov 2019 13:50

Tgt Ion:113 Resp: 333949
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.5 122.3
 192 22.7 18.8 28.2



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: 53.994 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064381.D

Acq: 26 Nov 2019 13:50

Instrument :

MSVOA_D

ClientSampleId :

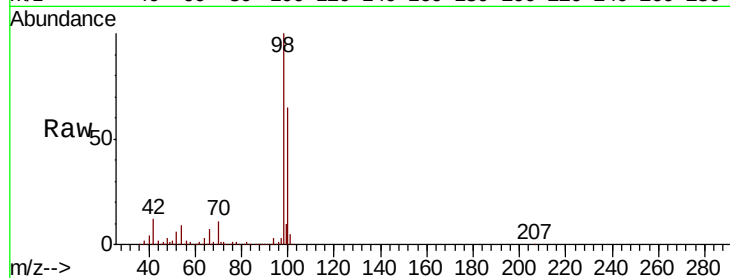
IDLEWILD-BH-03A

Tot Ion: 98 Resp: 1319447

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

800000

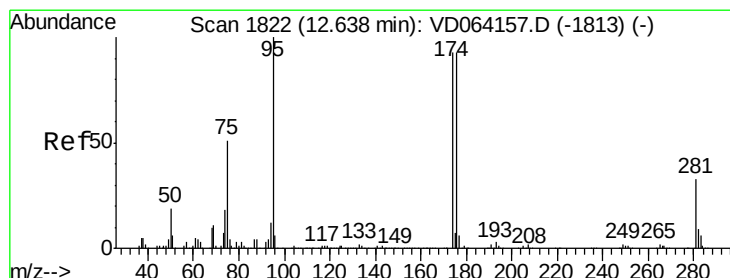
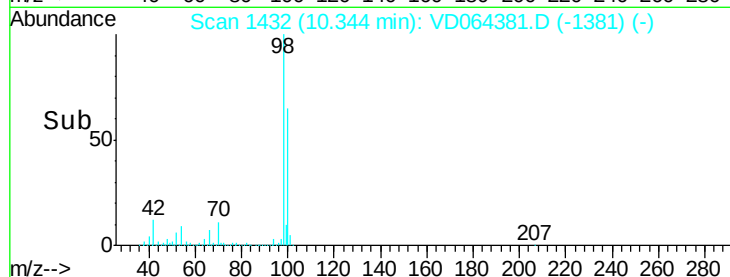
600000

400000

200000

0

Time--> 10.20 10.40



#62

4-Bromofluorobenzene

Concen: 47.335 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064381.D

Acq: 26 Nov 2019 13:50

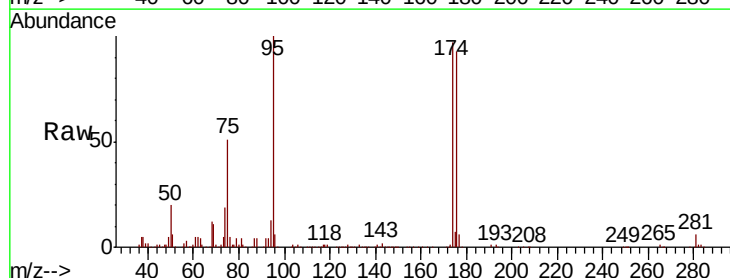
Tgt Ion: 95 Resp: 400577

Ion Ratio Lower Upper

95 100

174 95.2 0.0 183.6

176 92.7 0.0 180.2



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

12.64

300000

250000

200000

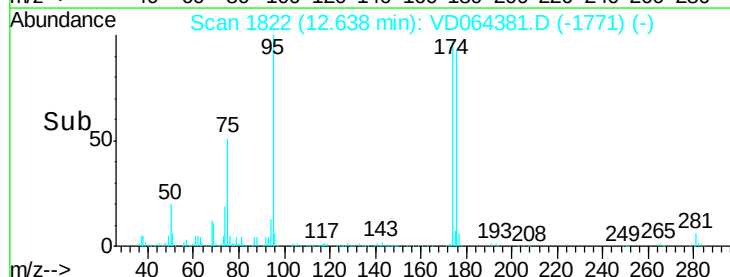
150000

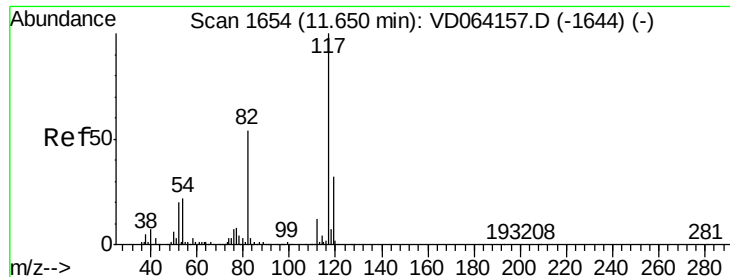
100000

50000

0

Time--> 12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064381.D

Acq: 26 Nov 2019 13:50

Instrument :

MSVOA_D

ClientSampleId :

IDLEWILD-BH-03A

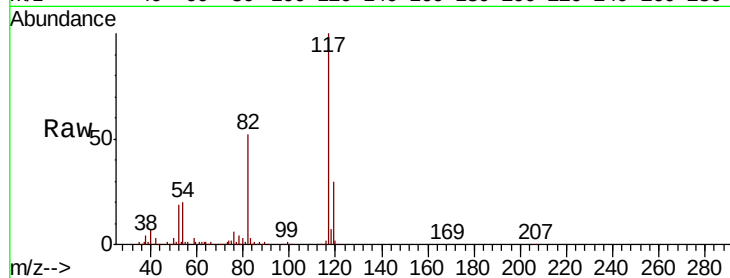
Tot Ion:117 Resp: 970528

Ion Ratio Lower Upper

117 100

82 52.2 42.8 64.2

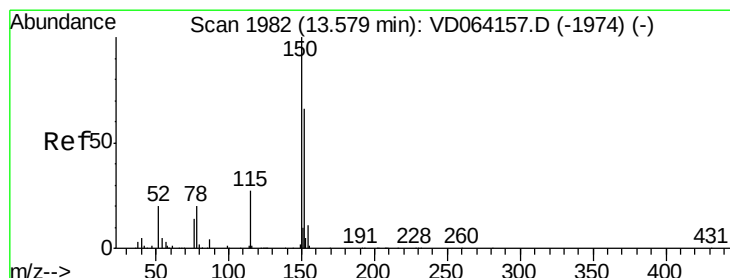
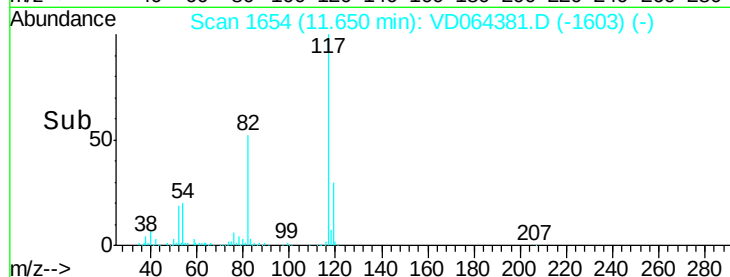
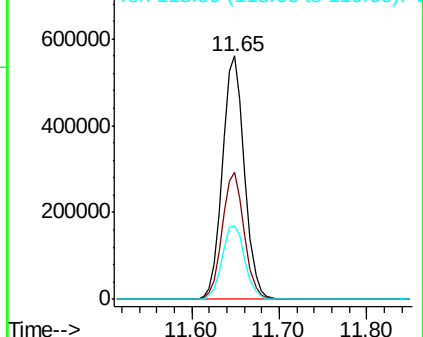
119 30.3 25.6 38.4



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. 0.01 min

Lab File: VD064381.D

Acq: 26 Nov 2019 13:50

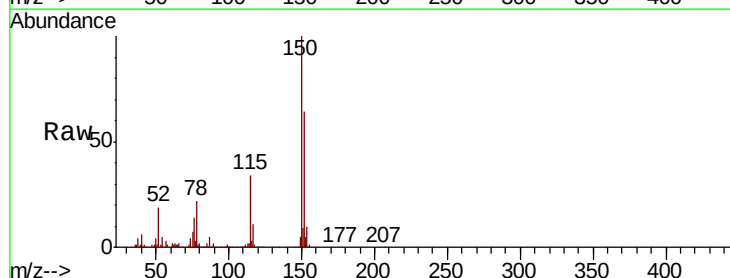
Tgt Ion:152 Resp: 433260

Ion Ratio Lower Upper

152 100

115 54.2 27.4 82.2

150 156.7 0.0 351.6



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

