

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064361.D
 Acq On : 25 Nov 2019 15:32
 Operator : VA/SY
 Sample : K5999-03
 Misc : 5.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IDLEWILD-BH-03A

Quant Time: Nov 26 06:13:52 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	7.98	168	203003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	323224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	310018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158180	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	132429	79.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.64%	
35) Dibromofluoromethane	7.91	113	107881	58.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.30%	
50) Toluene-d8	10.34	98	382789	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
62) 4-Bromofluorobenzene	12.64	95	138679	57.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.42%	

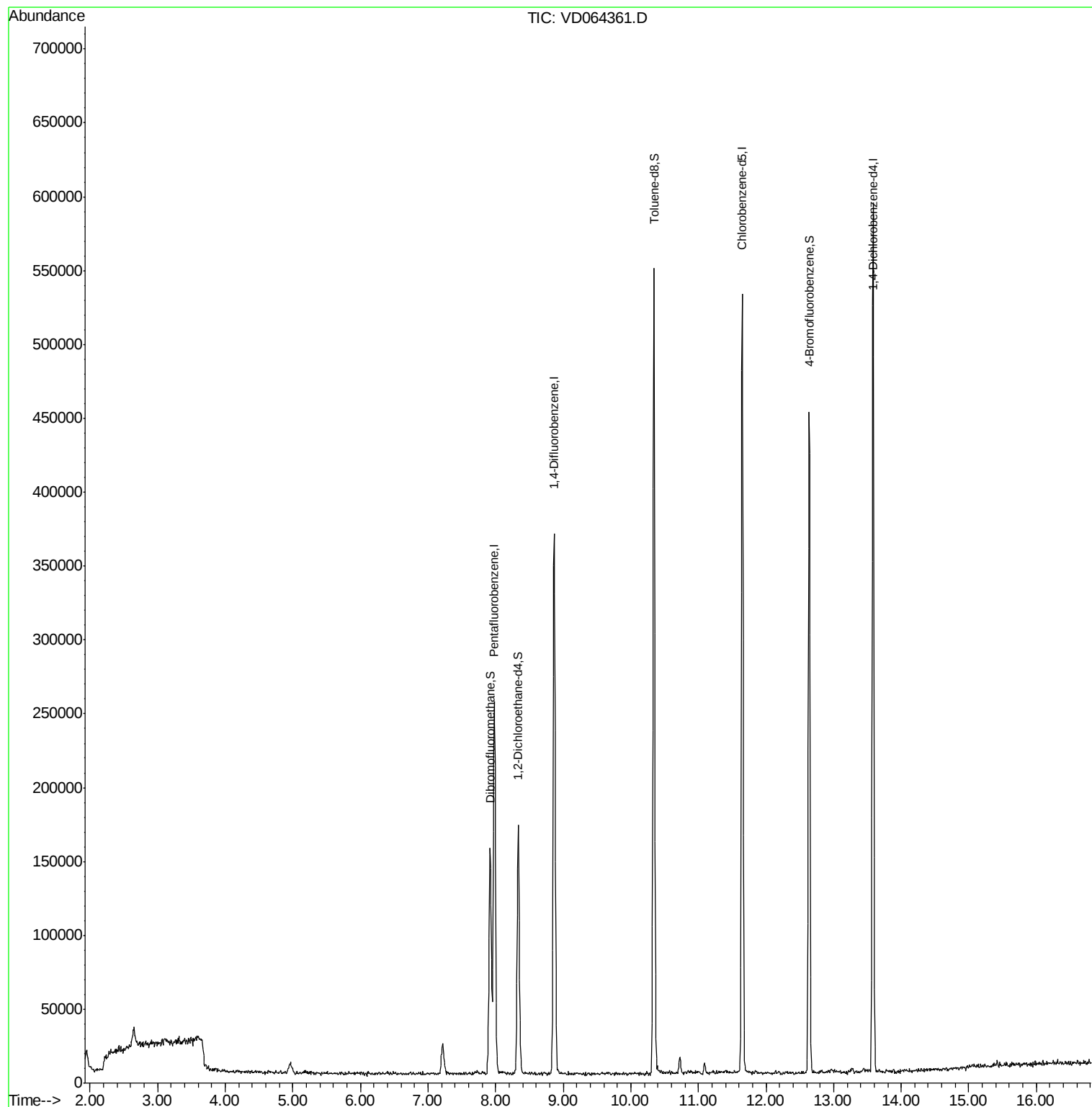
Target Compounds	Qvalue
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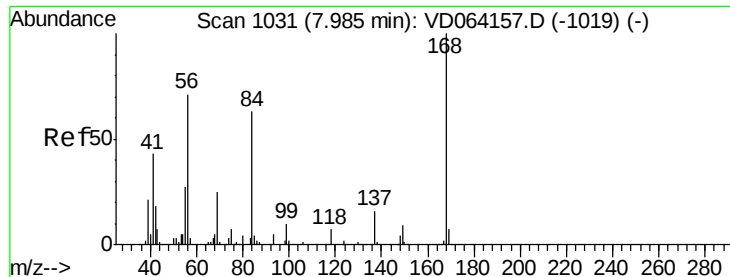
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

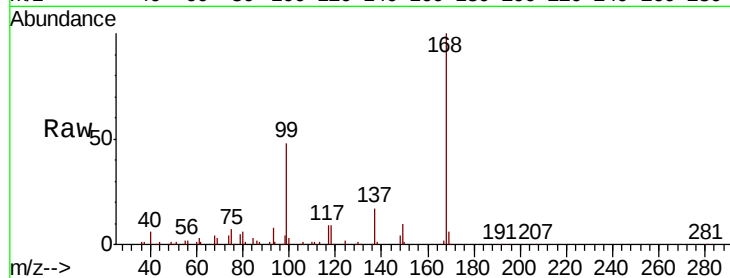
IDLEWILD-BH-03A

Tot Ion:168 Resp: 203003

Ion Ratio Lower Upper

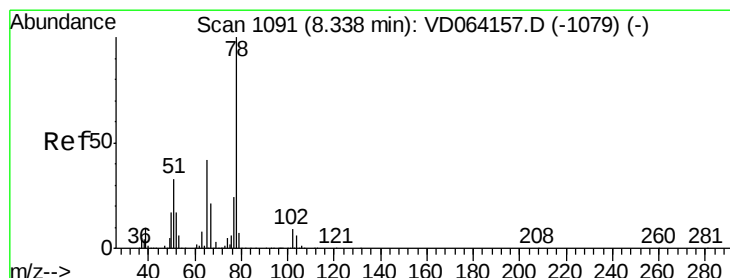
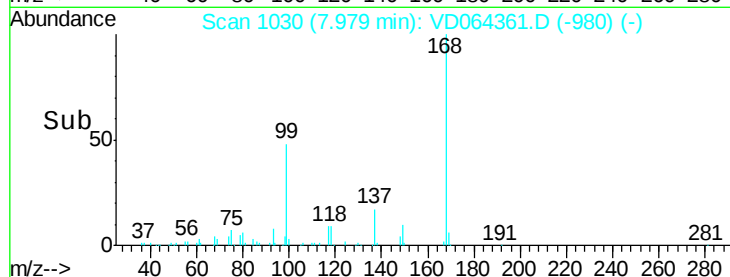
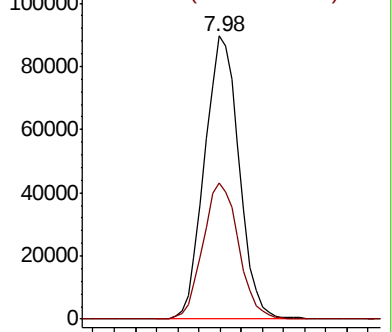
168 100

99 48.0 41.6 62.4



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: 79.319 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064361.D

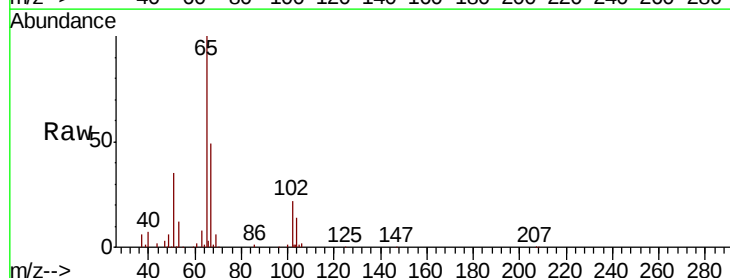
Acq: 25 Nov 2019 15:32

Tgt Ion: 65 Resp: 132429

Ion Ratio Lower Upper

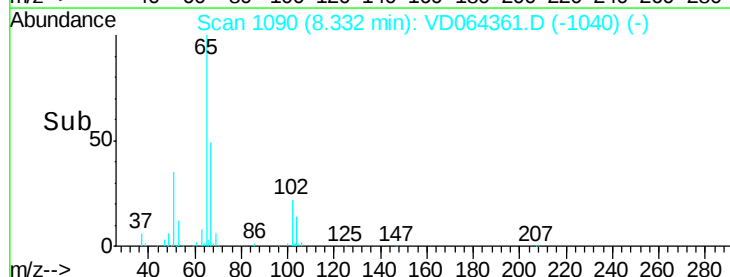
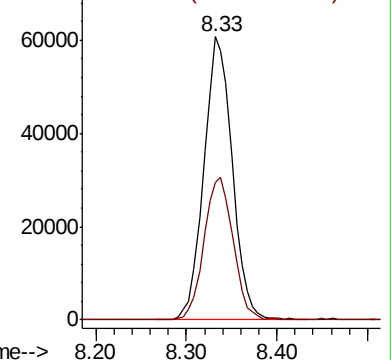
65 100

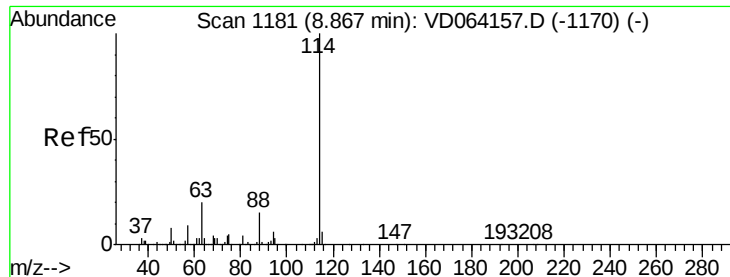
67 51.4 0.0 104.4



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: VD064361.D

Acq: 25 Nov 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

IDLEWILD-BH-03A

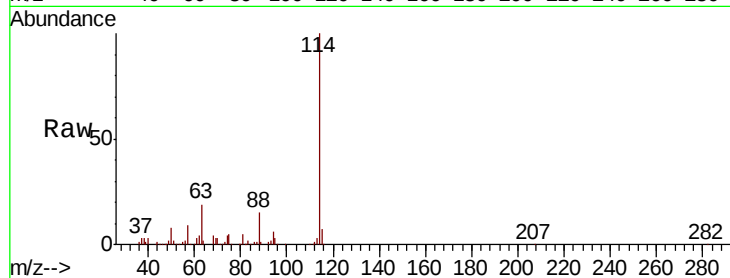
Tot Ion:114 Resp: 323224

Ion Ratio Lower Upper

114 100

63 19.2 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): V

Ion 87.90 (87.60 to 88.60): V

8.87

200000

150000

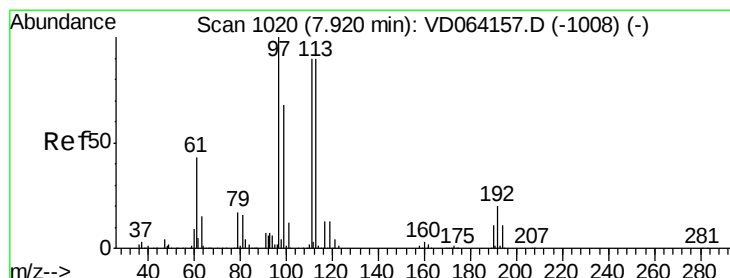
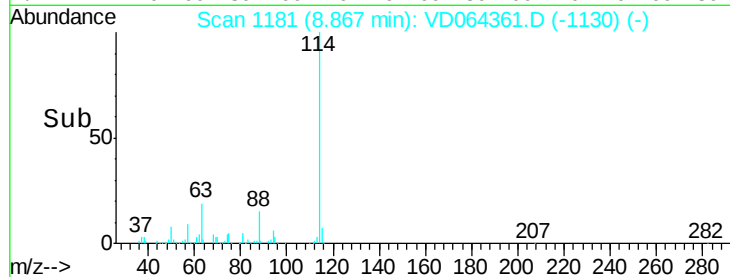
100000

50000

0

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 58.146 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

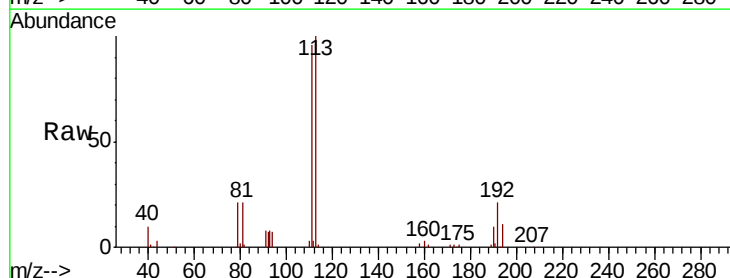
Tgt Ion:113 Resp: 107881

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

192 23.4 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

7.91

60000

50000

40000

30000

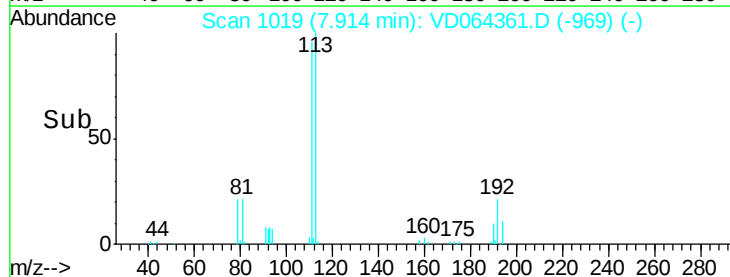
20000

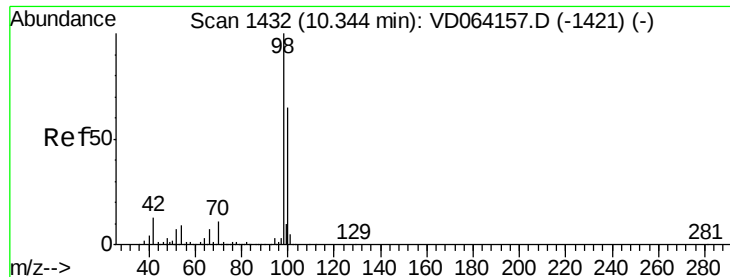
10000

0

7.80 7.90 8.00 8.10

Time-->





#50

Toluene-d8

Concen: 54.690 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

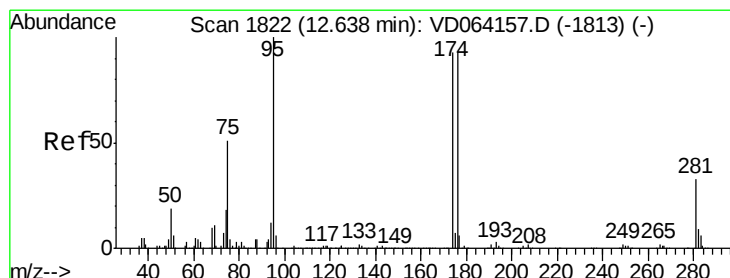
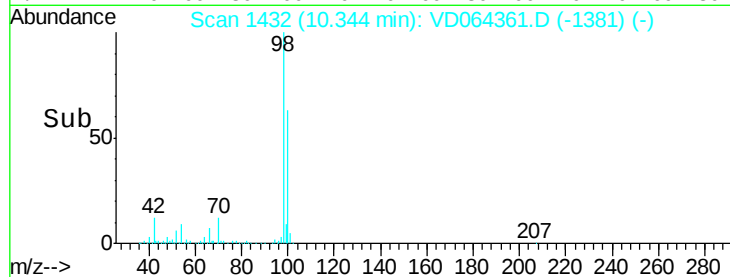
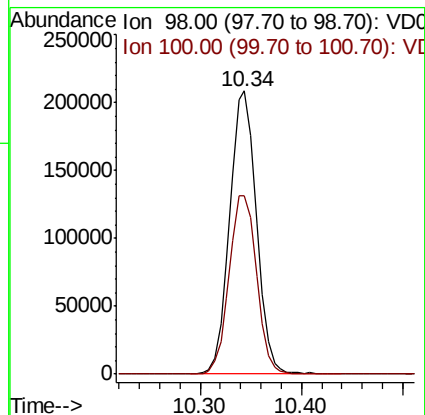
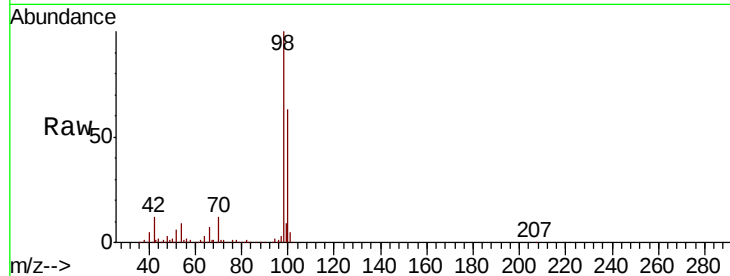
IDLEWILD-BH-03A

Tot Ion: 98 Resp: 382789

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 57.214 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

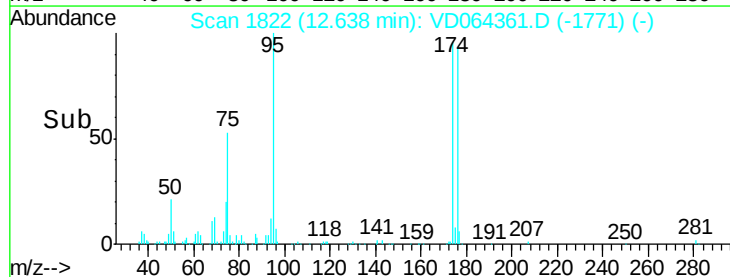
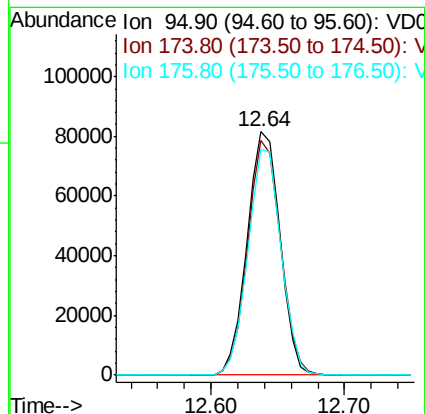
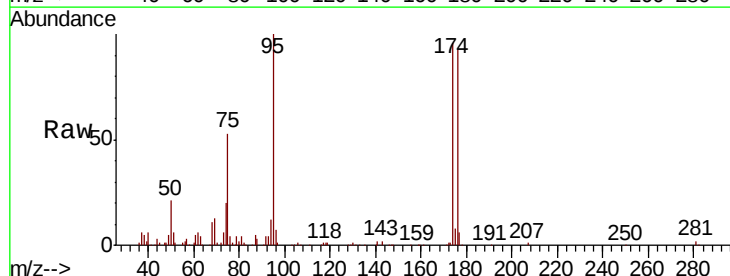
Tgt Ion: 95 Resp: 138679

Ion Ratio Lower Upper

95 100

174 96.2 0.0 183.6

176 93.6 0.0 180.2

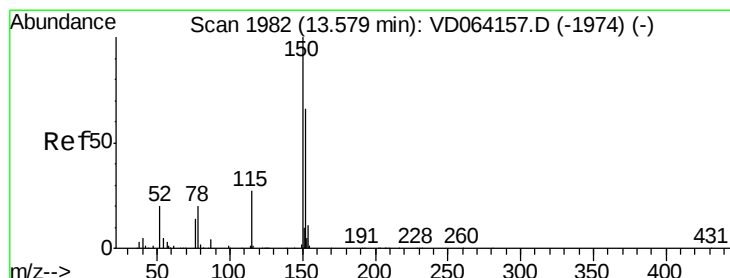
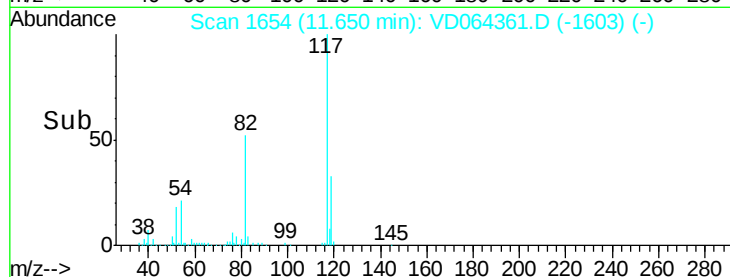
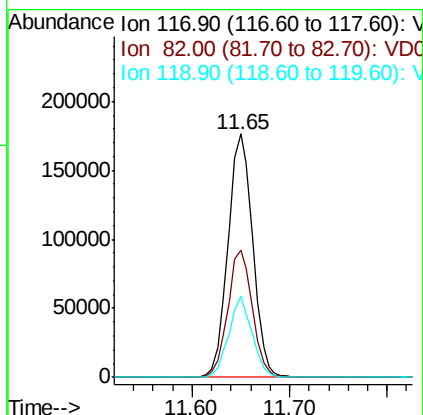
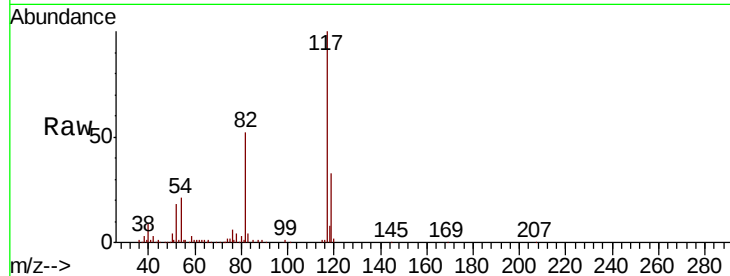




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064361.D
Acq: 25 Nov 2019 15:32

Instrument :
MSVOA_D
ClientSampleId :
IDLEWILD-BH-03A

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.8	64.2
119	33.2	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064361.D
Acq: 25 Nov 2019 15:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.4	82.2
150	156.7	0.0	351.6

