

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101619\
 Data File : VD063984.D
 Acq On : 16 Oct 2019 13:42
 Operator : VA/SY
 Sample : K5293-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KEARNY-TOPSOIL

Quant Time: Oct 16 14:04:05 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	189218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	347775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	337425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	154663	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	101056	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	7.92	113	105026	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.34	98	454969	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.64	95	134288	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	

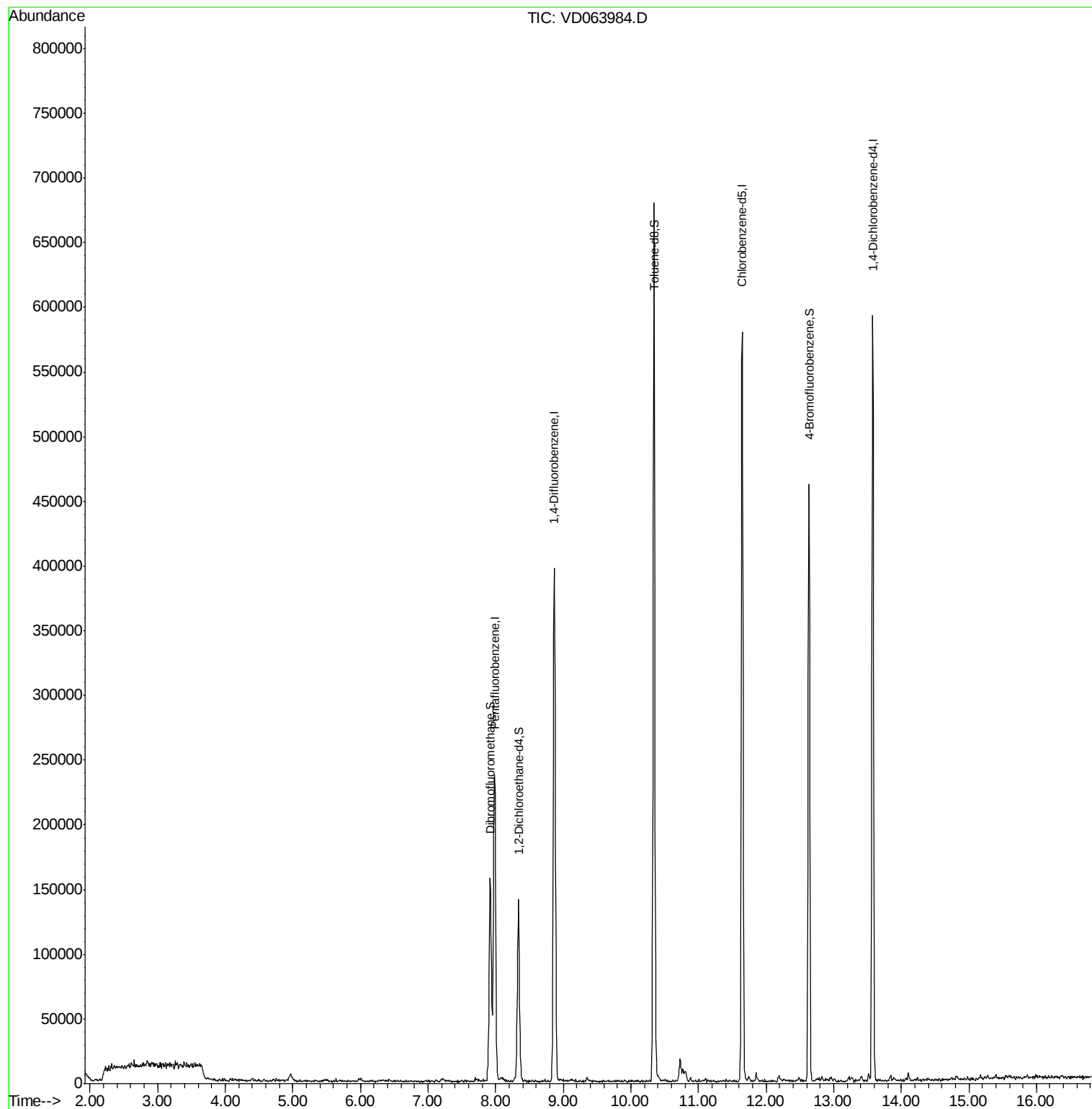
Target Compounds	Qvalue

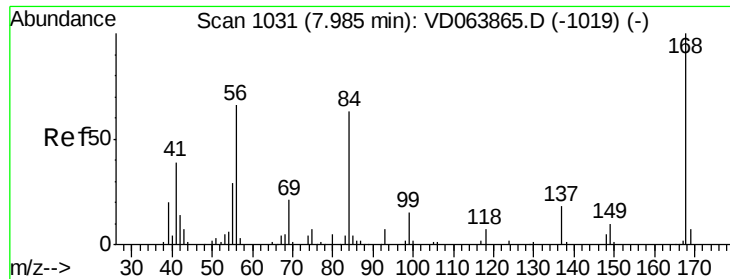
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063984.D

Acq: 16 Oct 2019 13:42

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MSVOA_D

ClientSampleId :

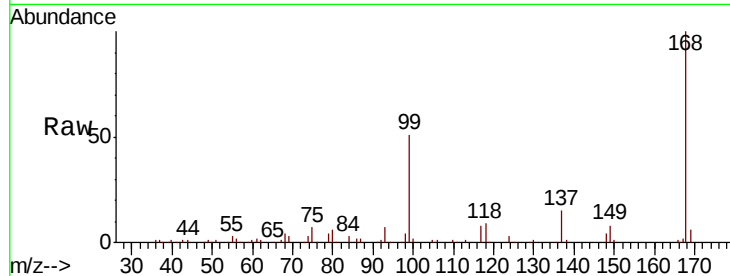
KEARNY-TOPSOIL

Tot Ion:168 Resp: 189218

Ion Ratio Lower Upper

168 100

99 50.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

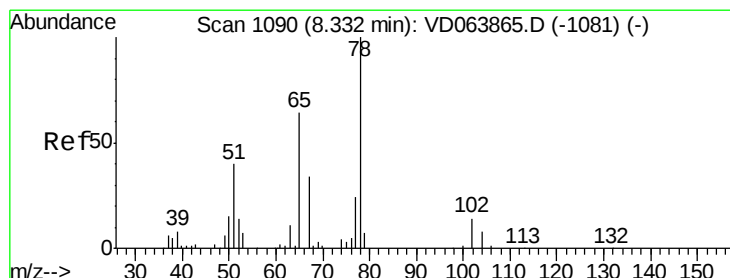
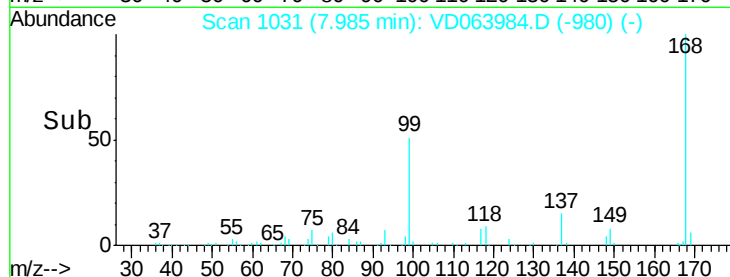
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.857 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063984.D

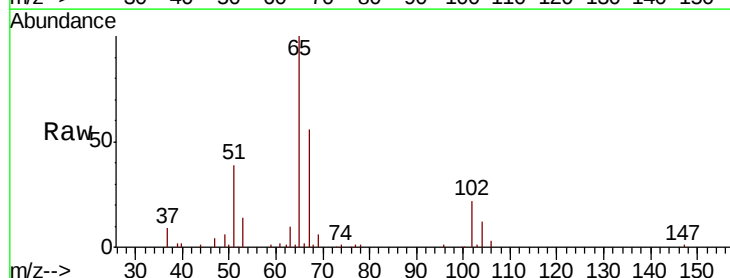
Acq: 16 Oct 2019 13:42

Tgt Ion: 65 Resp: 101056

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

50000

40000

30000

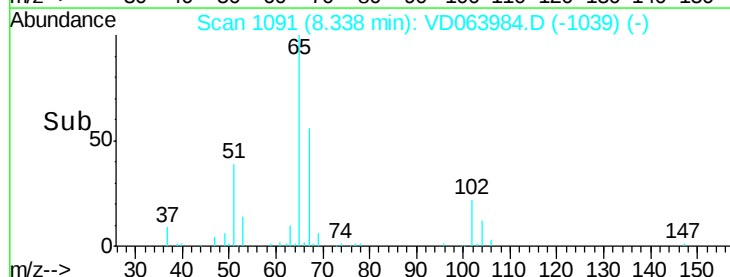
20000

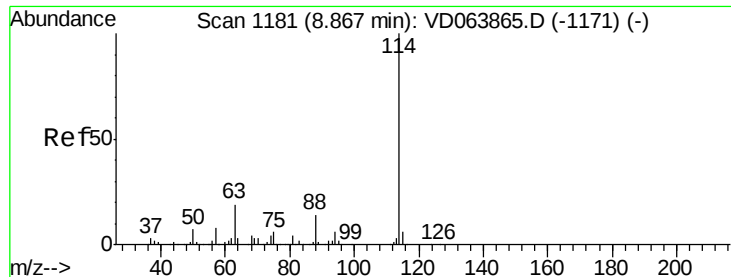
10000

0

8.25 8.30 8.35 8.40 8.45

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD063984.D

Acq: 16 Oct 2019 13:42

Instrument :

MSVOA_D

ClientSampleId :

KEARNY-TOPSOIL

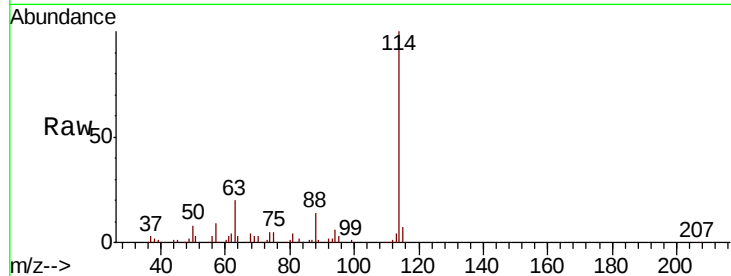
Tot Ion:114 Resp: 347775

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

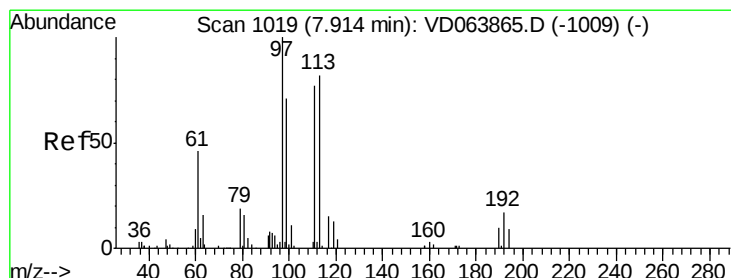
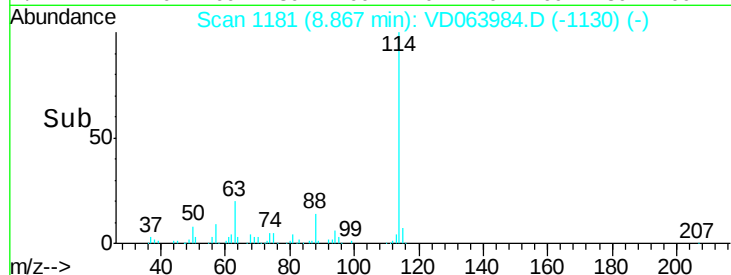
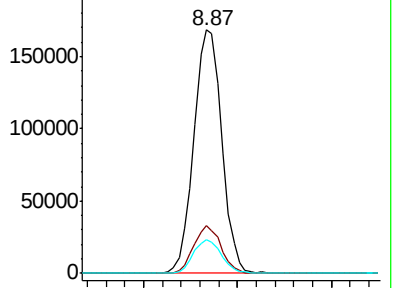
88 13.9 0.0 27.4



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: 49.416 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063984.D

Acq: 16 Oct 2019 13:42

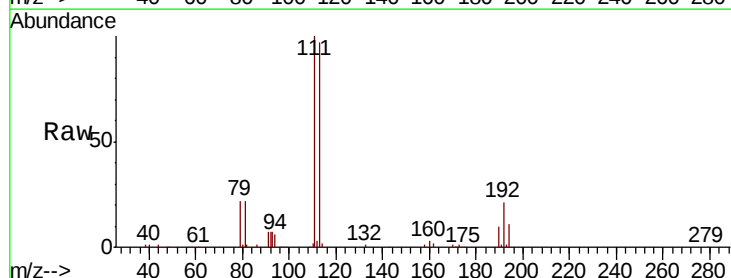
Tgt Ion:113 Resp: 105026

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

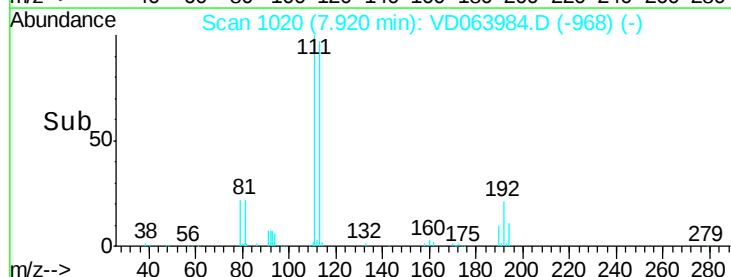
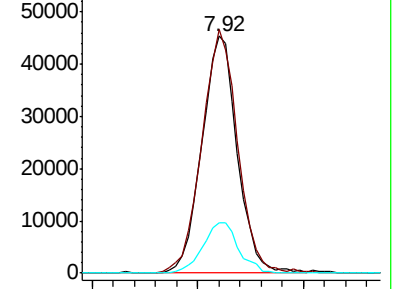
192 21.4 17.1 25.7

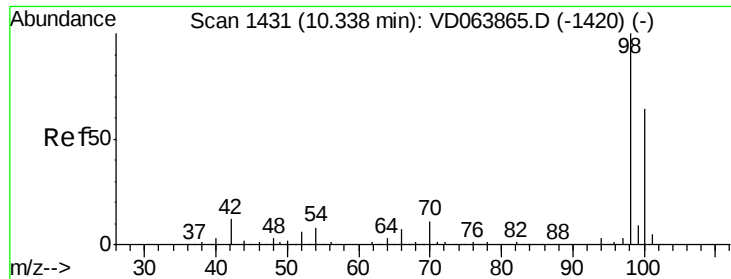


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

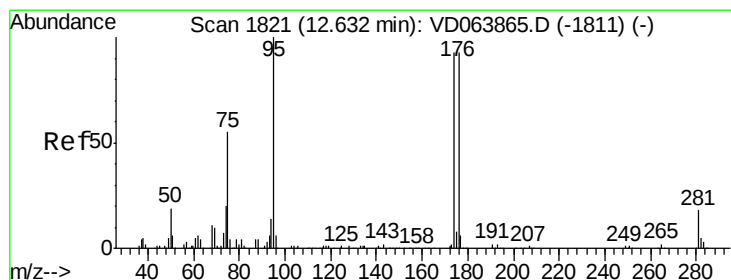
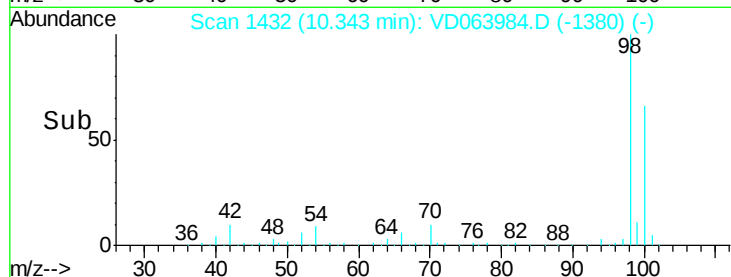
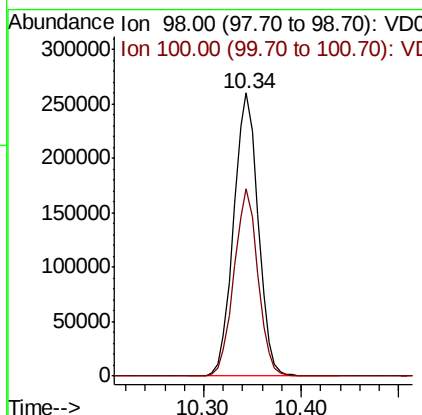
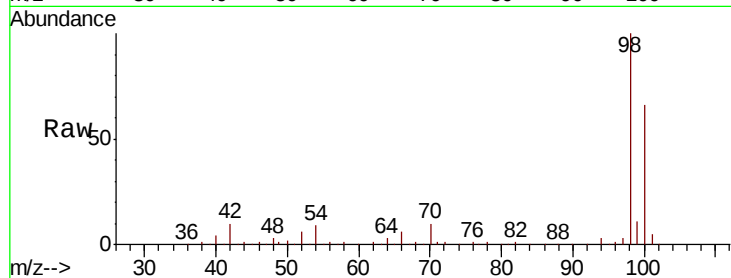




#50
Toluene-d8
Concen: 52.741 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063984.D
Acq: 16 Oct 2019 13:42

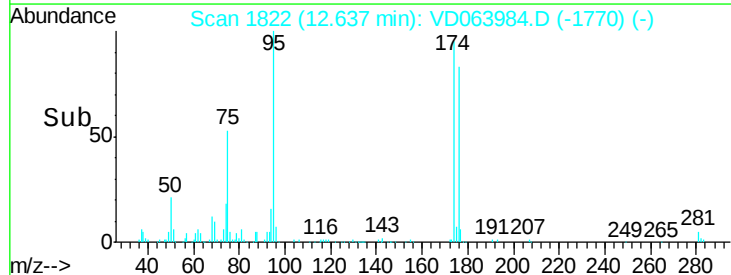
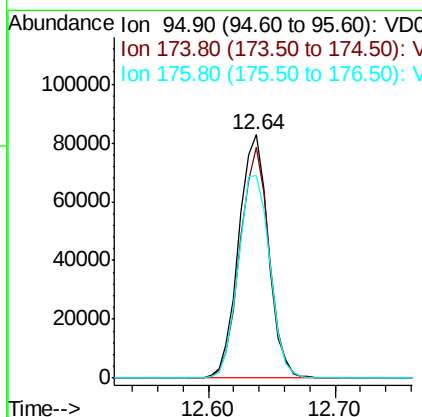
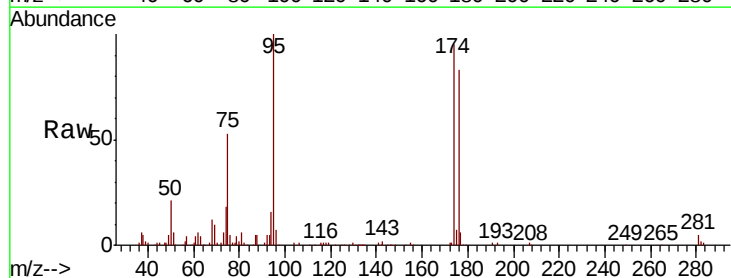
Instrument :
MSVOA_D
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KEARNY-TOPSOIL

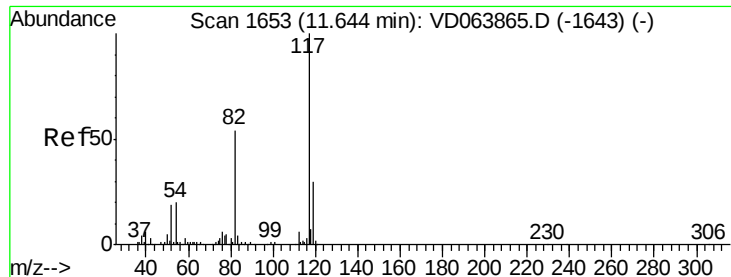
Tot Ion: 98 Resp: 454969
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.797 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD063984.D
Acq: 16 Oct 2019 13:42

Tgt Ion: 95 Resp: 134288
Ion Ratio Lower Upper
95 100
174 93.0 0.0 186.4
176 88.8 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063984.D

Acq: 16 Oct 2019 13:42

Instrument :

MSVOA_D

ClientSampleId :

KEARNY-TOPSOIL

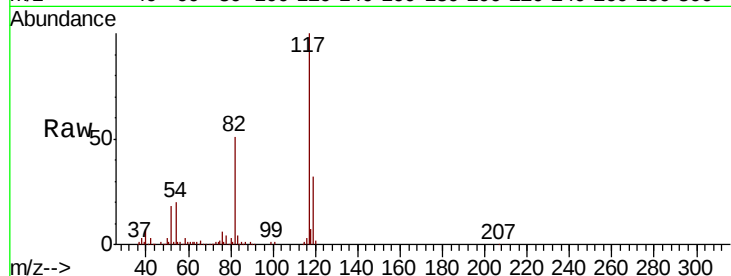
Tot Ion:117 Resp: 337425

Ion Ratio Lower Upper

117 100

82 51.5 42.8 64.2

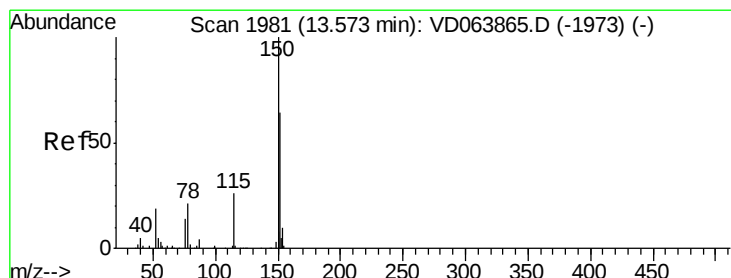
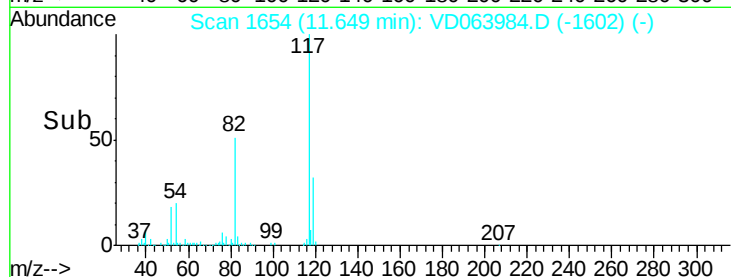
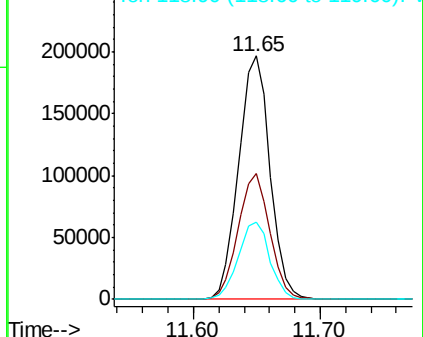
119 31.6 24.4 36.6



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: VD063984.D

Acq: 16 Oct 2019 13:42

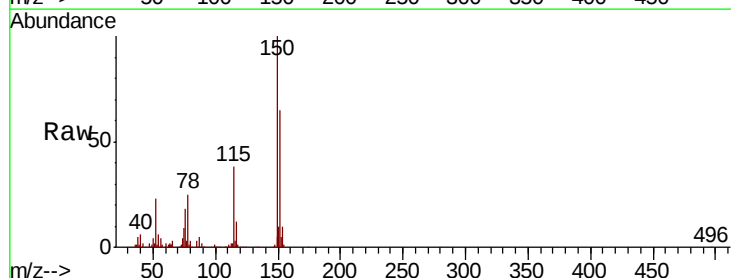
Tgt Ion:152 Resp: 154663

Ion Ratio Lower Upper

152 100

115 53.8 25.9 77.7

150 156.4 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

