

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066788.D
 Acq On : 21 Sep 2020 17:43
 Operator : VA/SY
 Sample : L4091-01
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020

Quant Time: Sep 22 01:26:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	401259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	724465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	680801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	275584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	229401	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
35) Dibromofluoromethane	7.91	113	233207	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
50) Toluene-d8	10.34	98	864412	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	
62) 4-Bromofluorobenzene	12.63	95	279432	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	

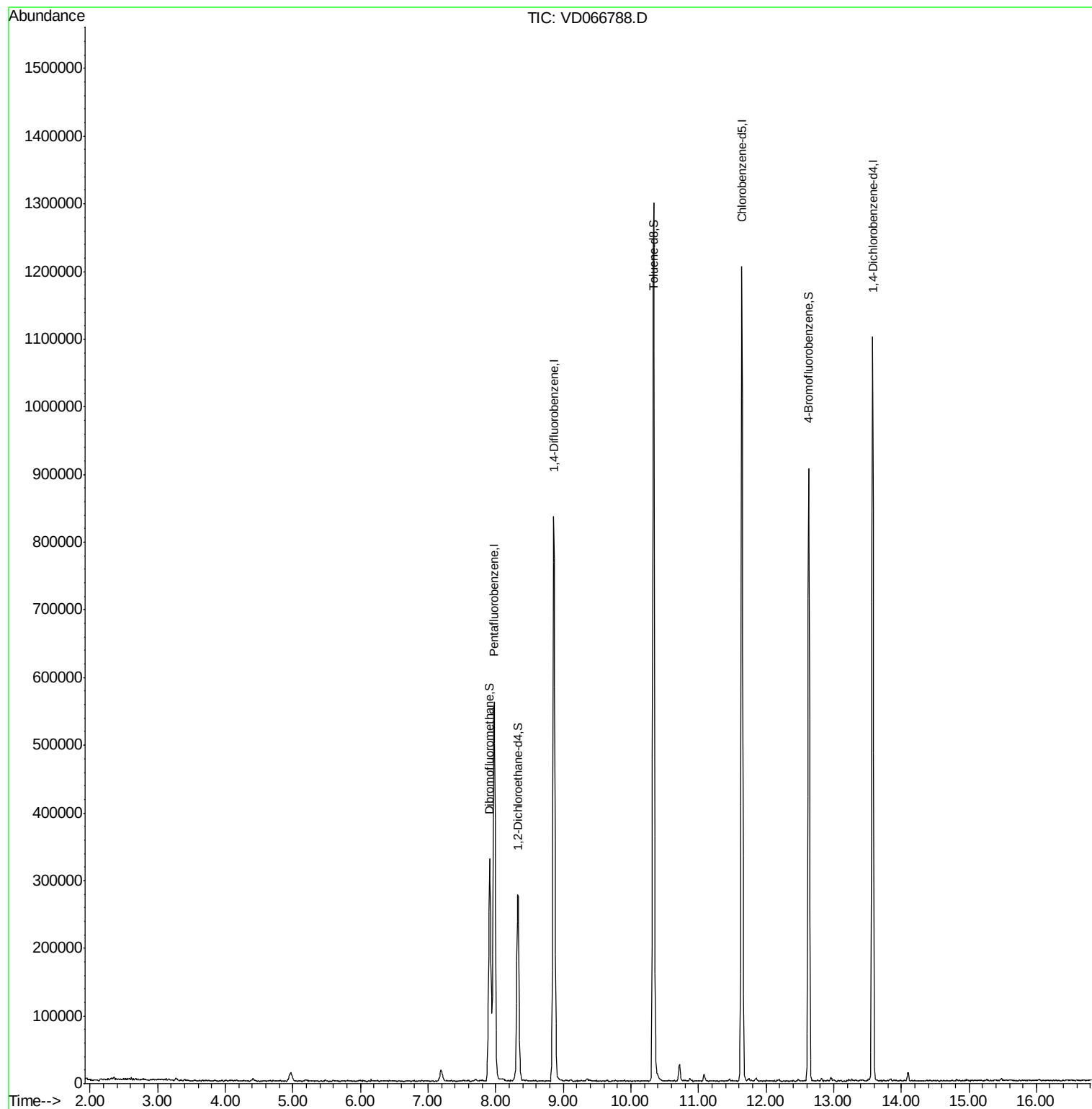
Target Compounds	Qvalue
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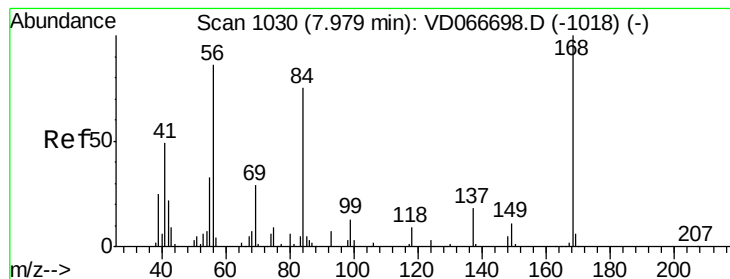
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066788.D

Acq: 21 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

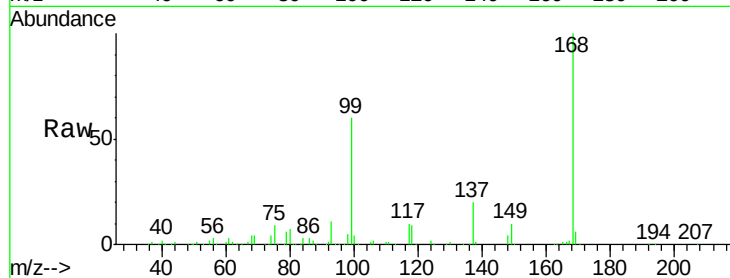
CARLSTADT-TOPSOIL-2020

Tot Ion:168 Resp: 401259

Ion Ratio Lower Upper

168 100

99 59.3 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

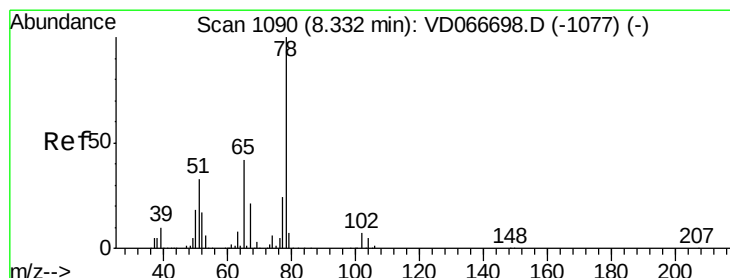
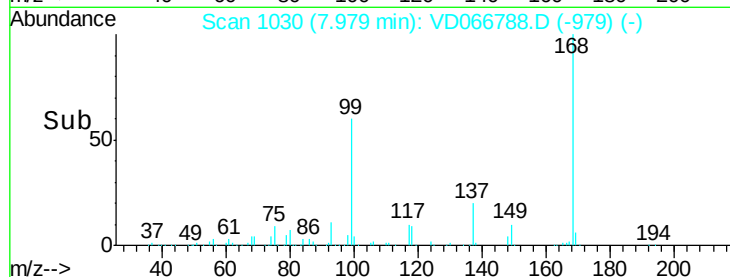
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.583 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066788.D

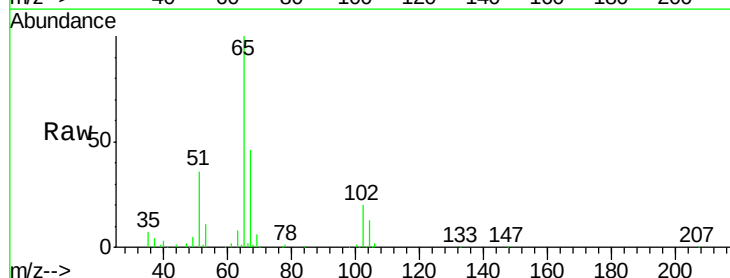
Acq: 21 Sep 2020 17:43

Tgt Ion: 65 Resp: 229401

Ion Ratio Lower Upper

65 100

67 49.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

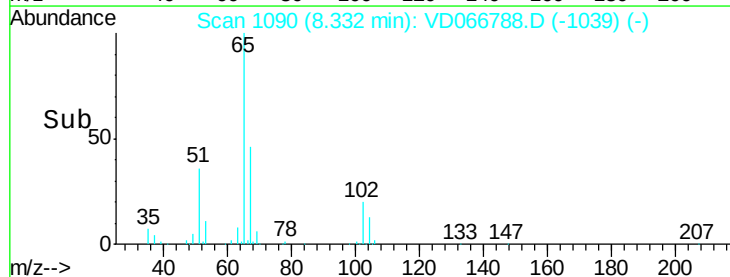
40000

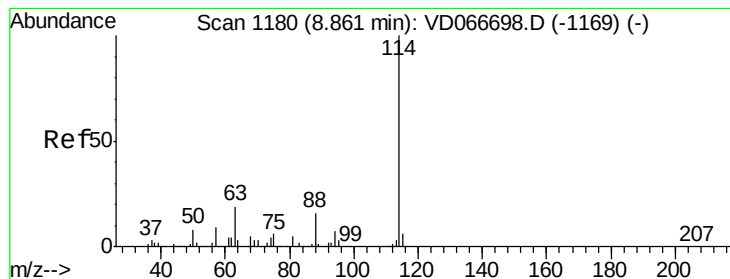
20000

0

8.20 8.30 8.40 8.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066788.D

Acq: 21 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

CARLSTADT-TOPSOIL-2020

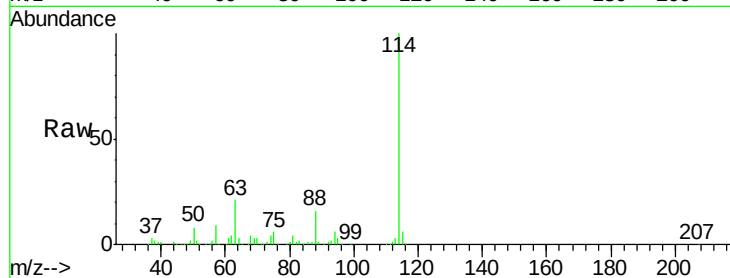
Tot Ion:114 Resp: 724465

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.6

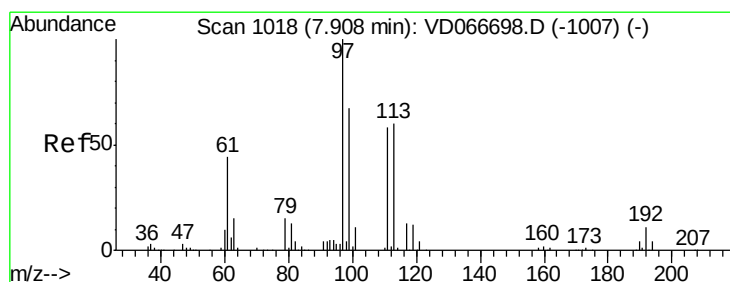
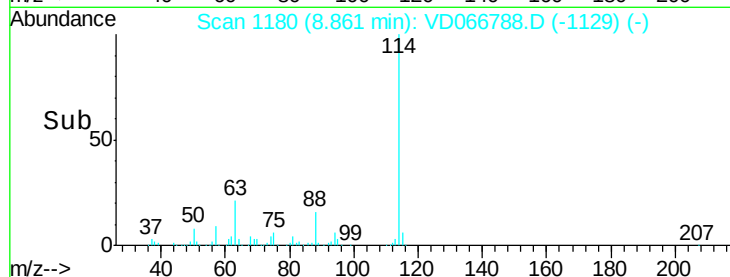
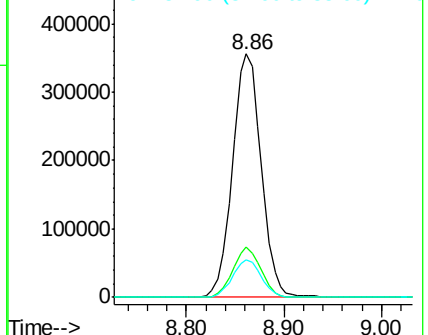
88 15.7 0.0 32.2



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



#35

Dibromofluoromethane

Concen: 52.504 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066788.D

Acq: 21 Sep 2020 17:43

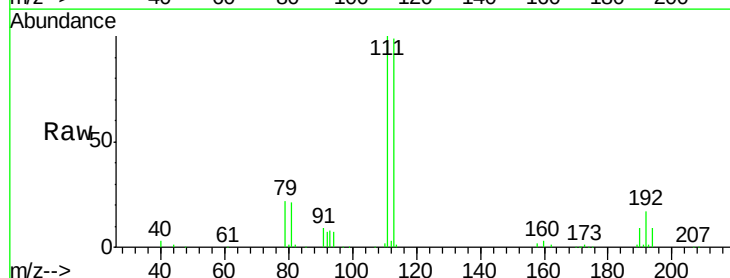
Tgt Ion:113 Resp: 233207

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

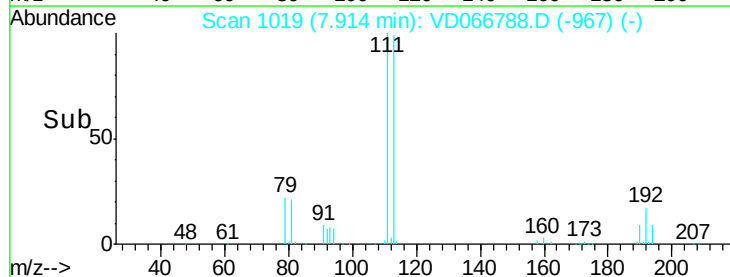
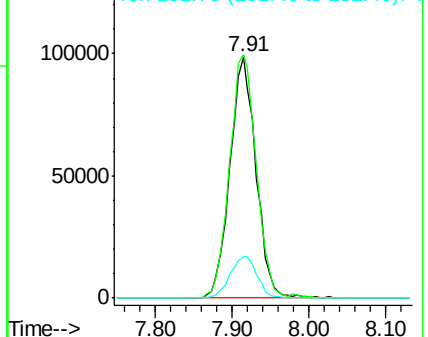
192 17.9 14.8 22.2

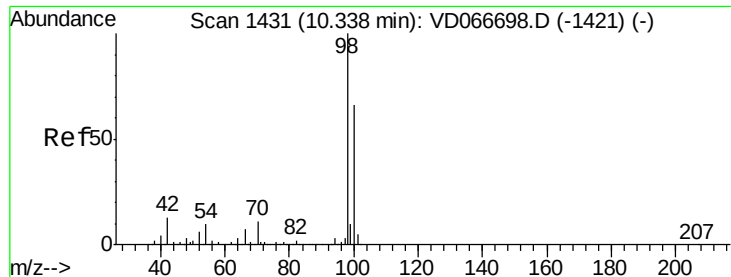


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

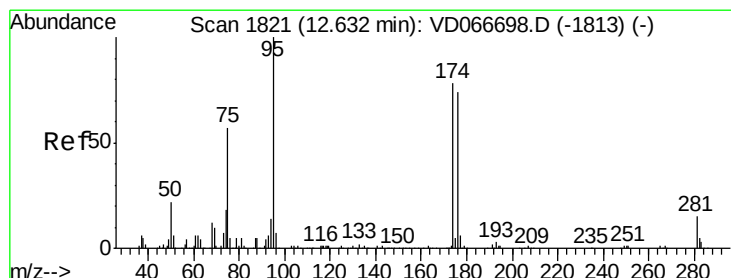
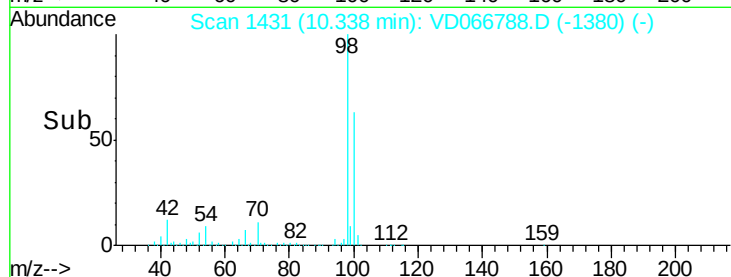
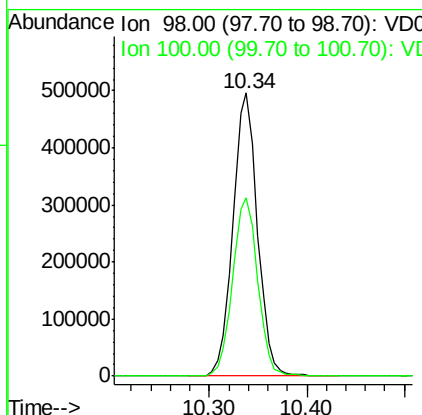
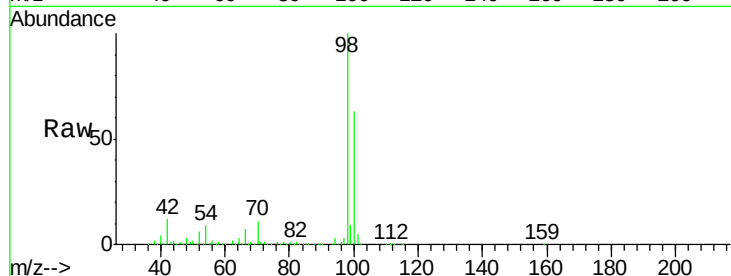




#50
Toluene-d8
Concen: 54.625 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066788.D
Acq: 21 Sep 2020 17:43

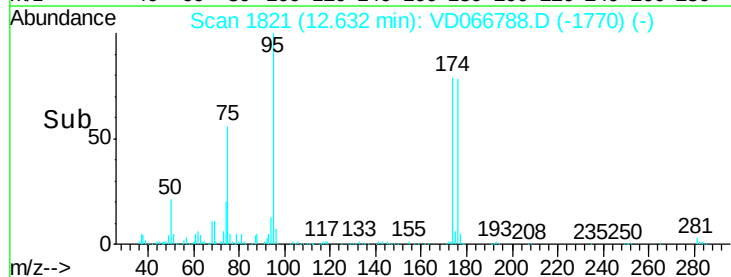
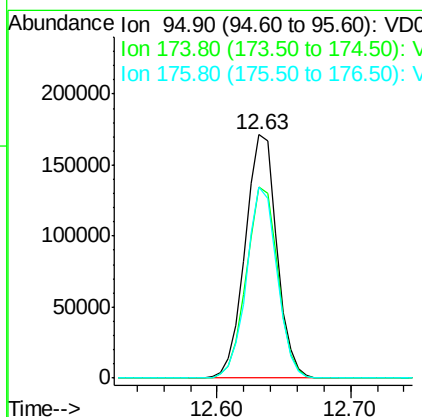
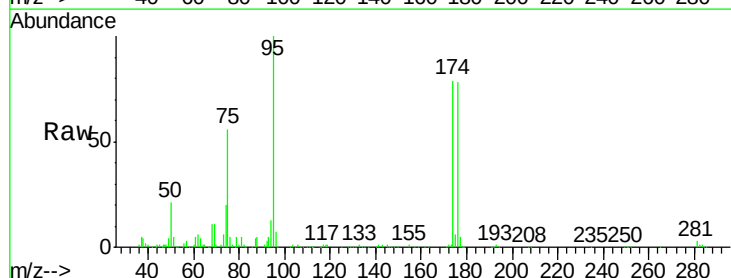
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CARLSTADT-TOPSOIL-2020

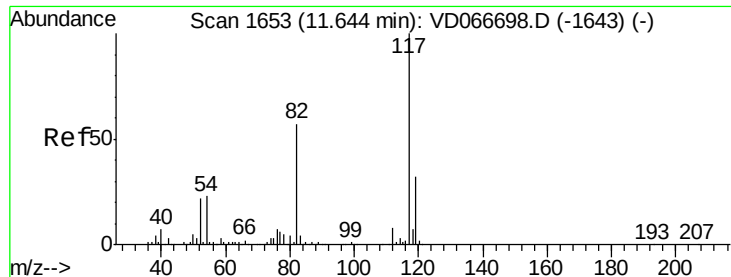
Tot Ion: 98 Resp: 864412
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.155 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066788.D
Acq: 21 Sep 2020 17:43

Tgt Ion: 95 Resp: 279432
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.6
176 75.7 0.0 150.2

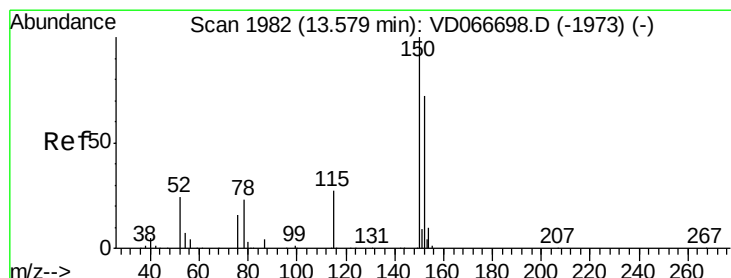
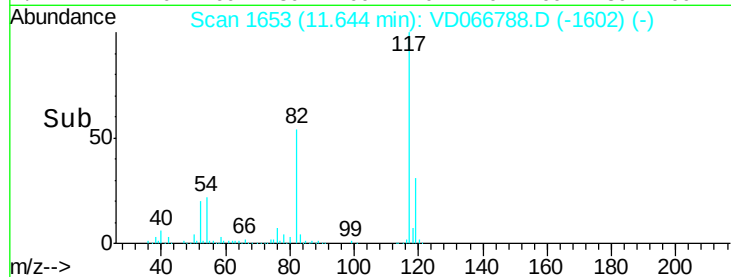
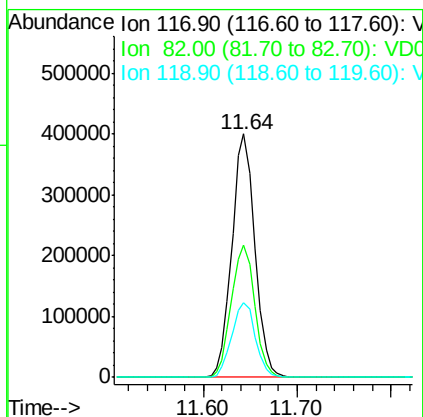
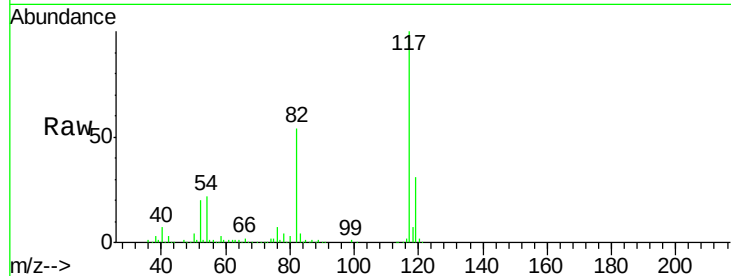




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066788.D
Acq: 21 Sep 2020 17:43

Instrument :
MSVOA_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020

Tot Ion:117 Resp: 680801
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 30.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066788.D
Acq: 21 Sep 2020 17:43

Tgt Ion:152 Resp: 275584
Ion Ratio Lower Upper
152 100
115 62.5 30.5 91.5
150 161.0 0.0 344.6

