

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067693.D
 Acq On : 18 Nov 2020 18:34
 Operator : VA/SY
 Sample : L4776-01
 Misc : 6.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ND-SOIL

Quant Time: Nov 19 01:16:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

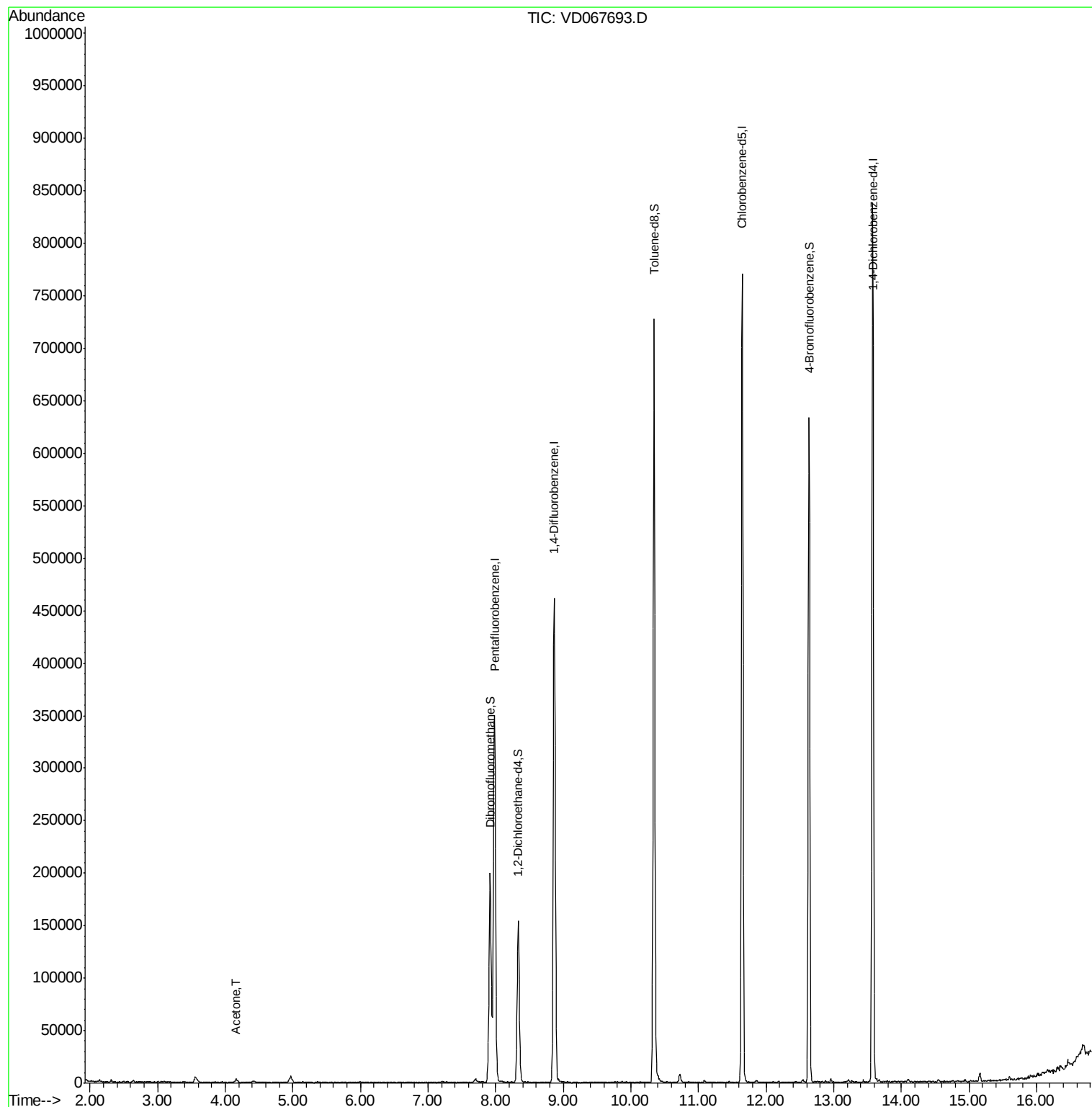
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	270758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	418353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	457039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	233141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	137205	57.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.90%	
35) Dibromofluoromethane	7.92	113	133705	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
50) Toluene-d8	10.34	98	499587	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
62) 4-Bromofluorobenzene	12.64	95	199285	65.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.34%	
Target Compounds						
16) Acetone	4.16	43	4307	12.157	ug/l #	81

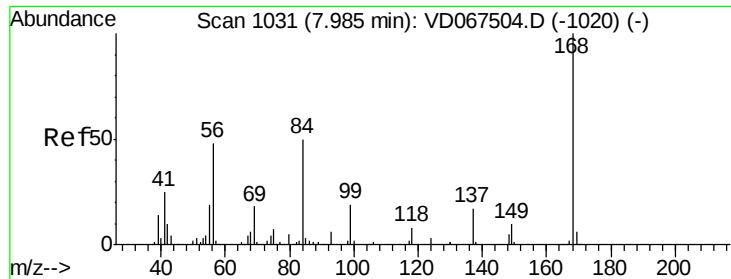
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067693.D

Acq: 18 Nov 2020 18:34

Instrument :

MSVOA_D

ClientSampleId :

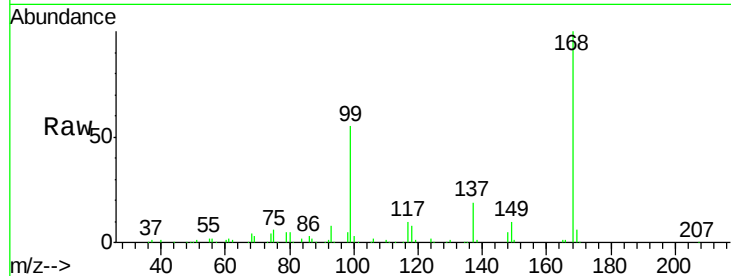
ND-SOIL

Tot Ion:168 Resp: 270758

Ion Ratio Lower Upper

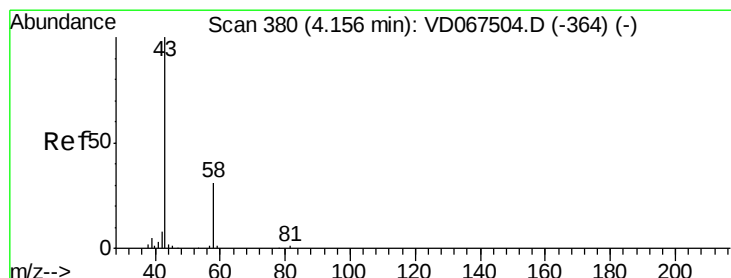
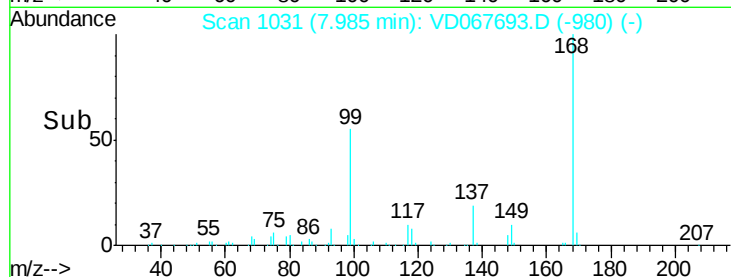
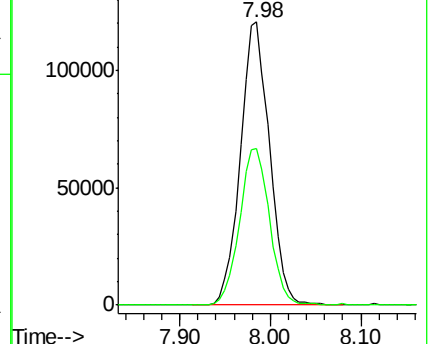
168 100

99 55.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 12.157 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067693.D

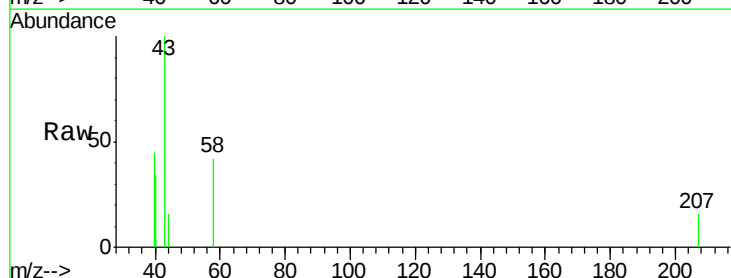
Acq: 18 Nov 2020 18:34

Tgt Ion: 43 Resp: 4307

Ion Ratio Lower Upper

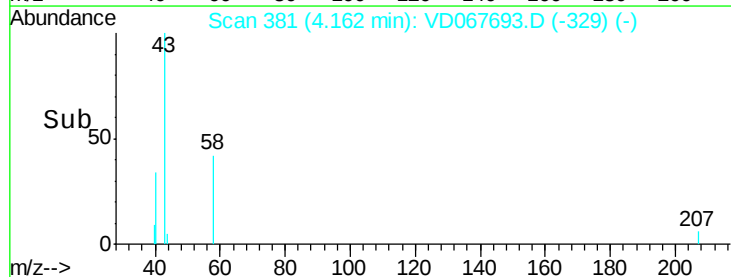
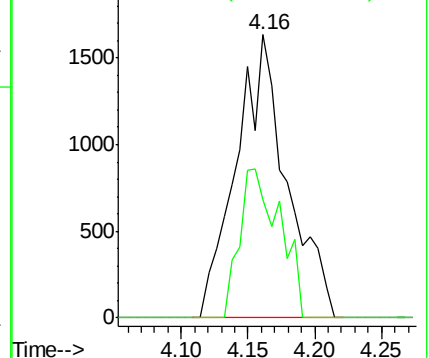
43 100

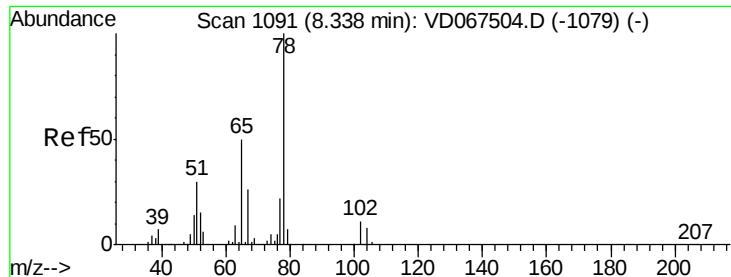
58 41.9 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

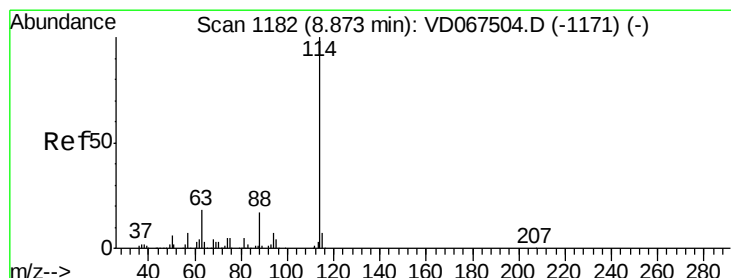
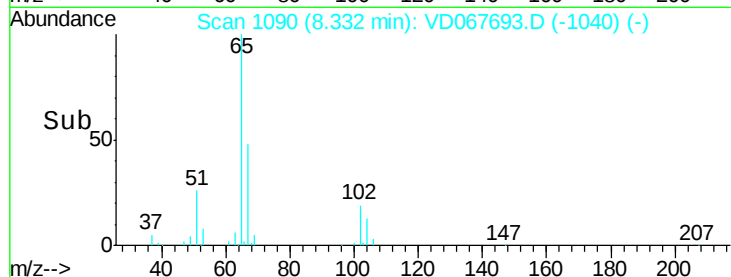
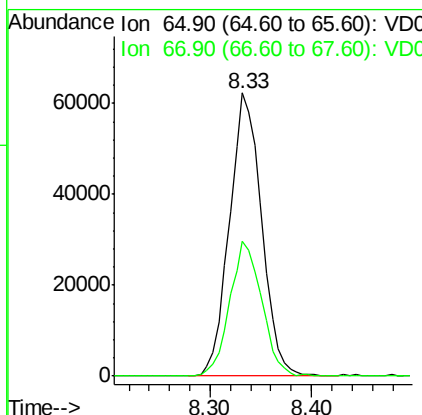
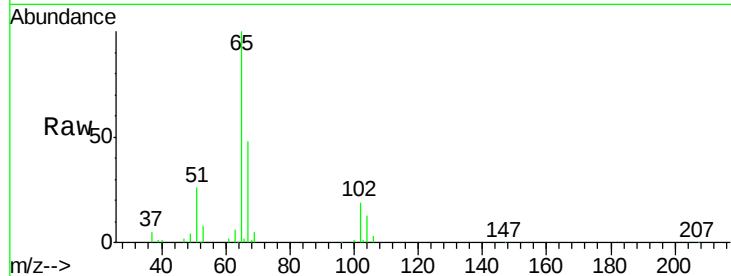




#33
 1,2-Dichloroethane-d4
 Concen: 57.954 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067693.D
 Acq: 18 Nov 2020 18:34

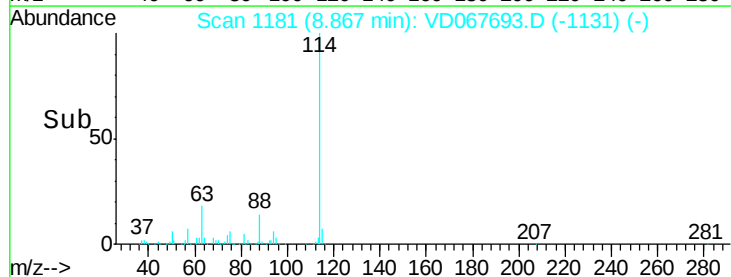
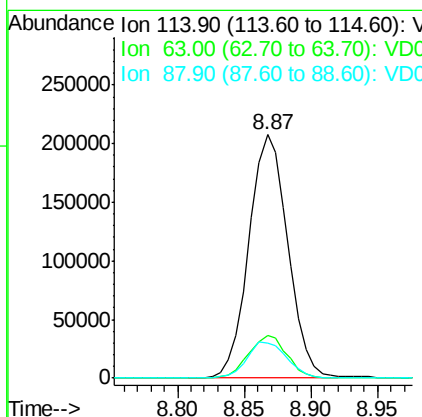
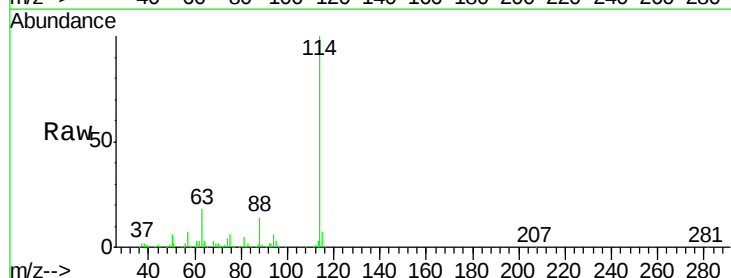
Instrument :
 MSVOA_D
 ClientSampleId :
 ND-SOIL

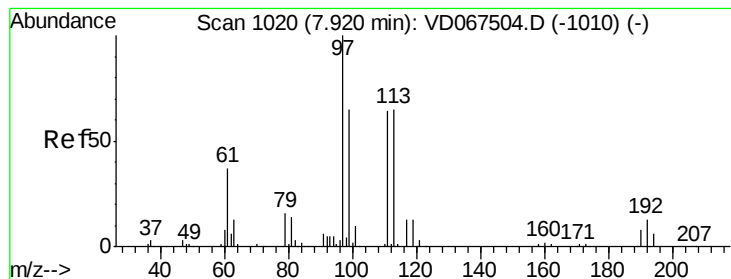
Tot Ion: 65 Resp: 137205
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067693.D
 Acq: 18 Nov 2020 18:34

Tgt Ion: 114 Resp: 418353
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.0
 88 14.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.046 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067693.D

Acq: 18 Nov 2020 18:34

Instrument :

MSVOA_D

ClientSampleId :

ND-SOIL

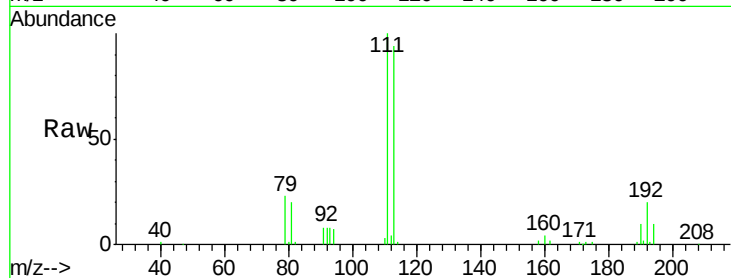
Tot Ion:113 Resp: 133705

Ion Ratio Lower Upper

113 100

111 101.2 80.0 120.0

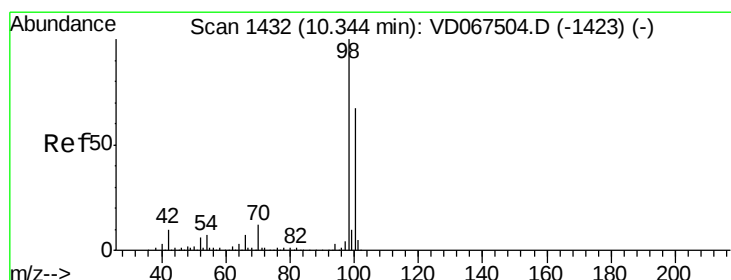
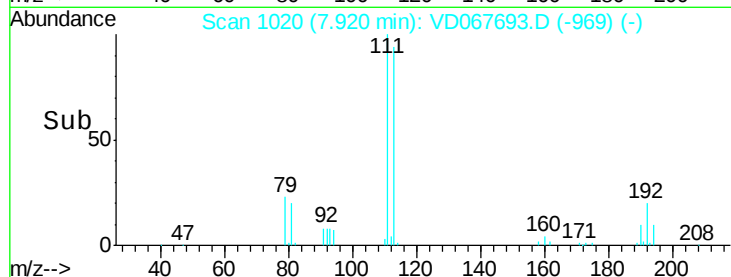
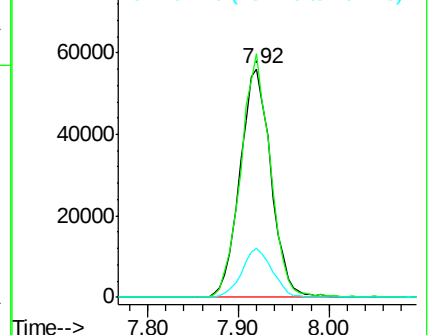
192 21.1 16.3 24.5



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: 56.400 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067693.D

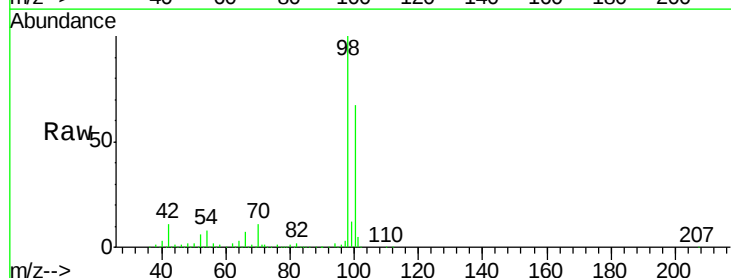
Acq: 18 Nov 2020 18:34

Tgt Ion: 98 Resp: 499587

Ion Ratio Lower Upper

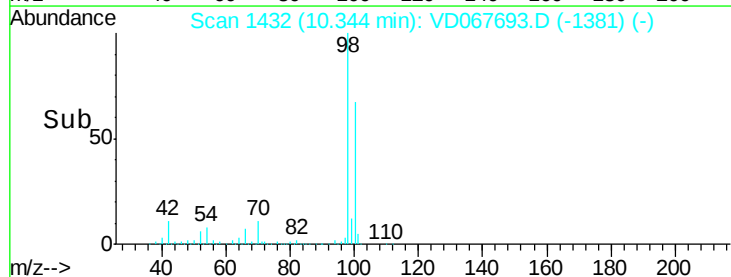
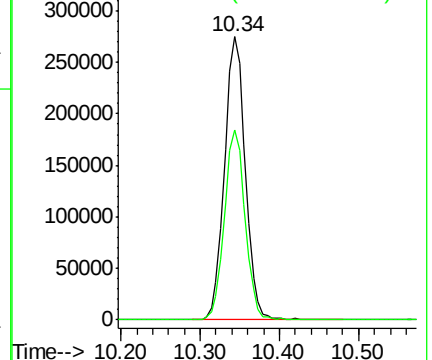
98 100

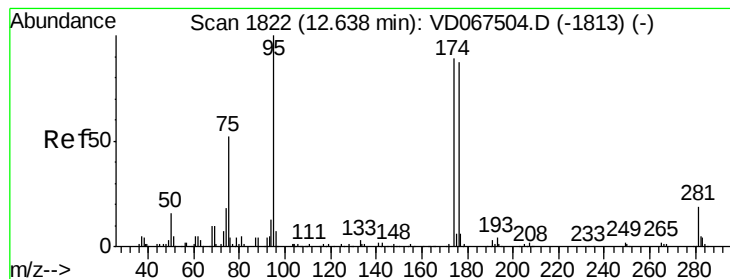
100 66.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 65.165 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067693.D

Acq: 18 Nov 2020 18:34

Instrument :

MSVOA_D

ClientSampleId :

ND-SOIL

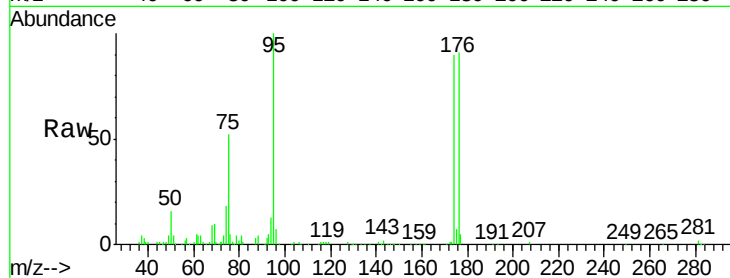
Tot Ion: 95 Resp: 199285

Ion Ratio Lower Upper

95 100

174 93.4 0.0 177.8

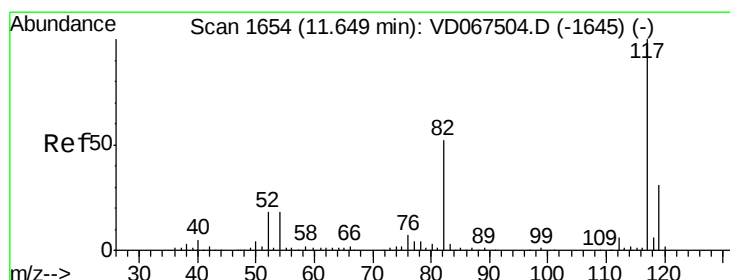
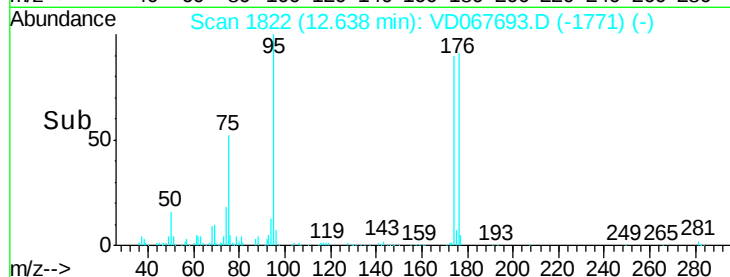
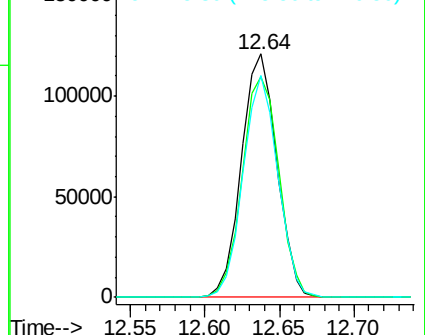
176 89.0 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067693.D

Acq: 18 Nov 2020 18:34

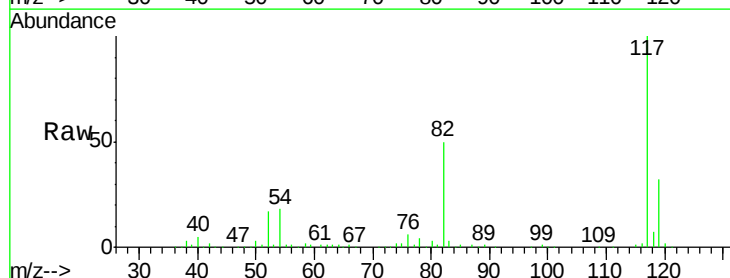
Tgt Ion: 117 Resp: 457039

Ion Ratio Lower Upper

117 100

82 50.2 41.6 62.4

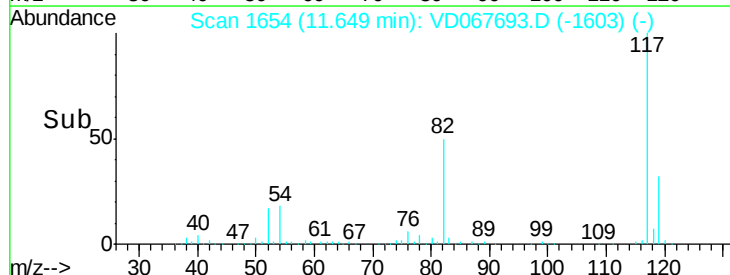
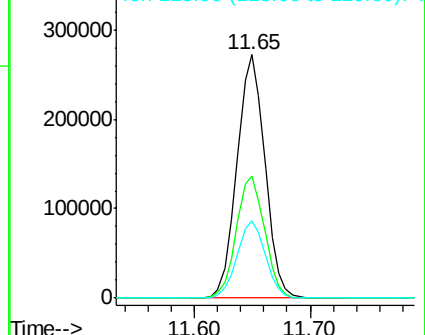
119 31.7 25.1 37.7

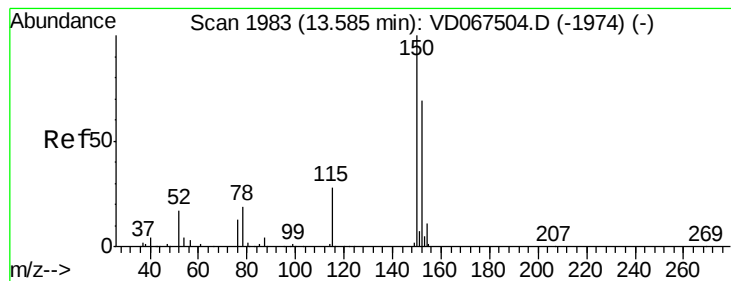


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

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: VD067693.D

Acq: 18 Nov 2020 18:34

Instrument :

MSVOA_D

ClientSampleId :

ND-SOIL

Tot Ion:152 Resp: 233141

Ion Ratio Lower Upper

152 100

115 57.8 29.3 88.0

150 156.1 0.0 338.2

