

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067487.D
 Acq On : 02 Nov 2020 13:15
 Operator : VA/SY
 Sample : L4539-01
 Misc : 6.50G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JCG-SOIL

Quant Time: Nov 02 15:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

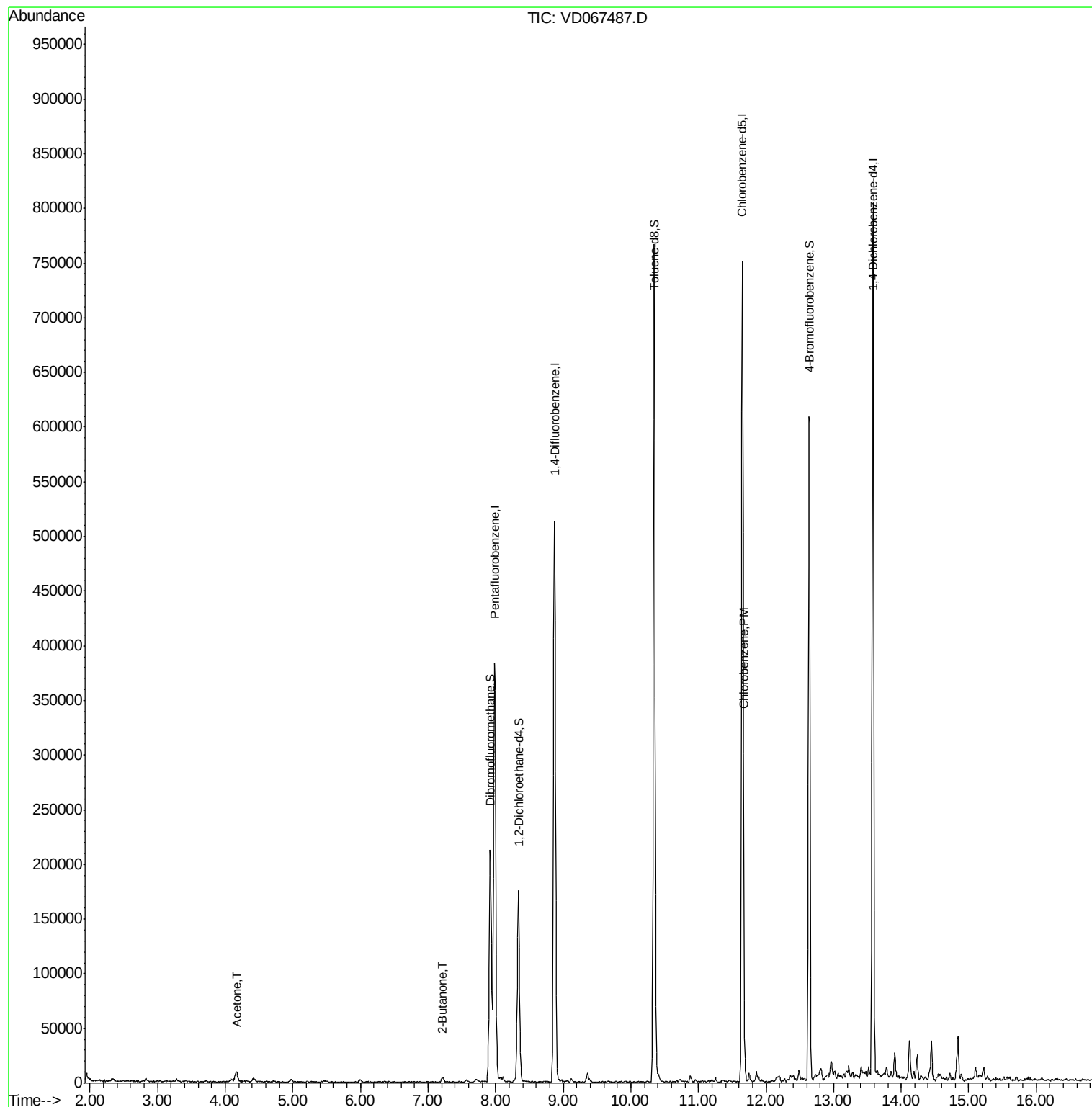
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	292842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	469539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	454604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	149829	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	7.92	113	147417	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	10.34	98	543276	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.64	95	202984	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
Target Compounds						
16) Acetone	4.16	43	16953	41.260	ug/l	98
25) 2-Butanone	7.21	43	2748	5.867	ug/l	91
65) Chlorobenzene	11.67	112	17185	1.971	ug/l #	87

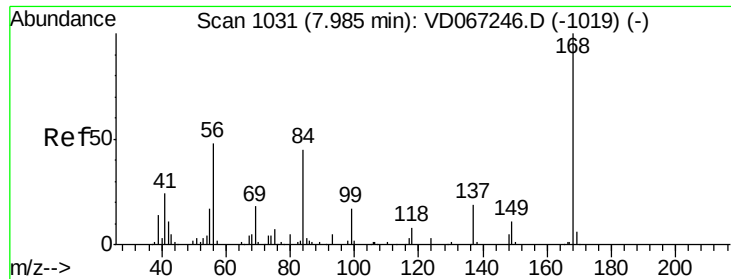
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110220\
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Quant Title : SW846 8260
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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: VD067487.D

Acq: 02 Nov 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

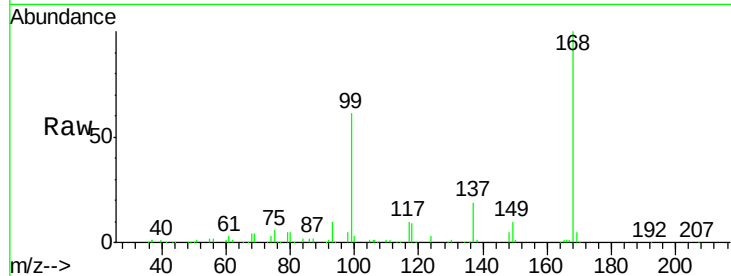
JCG-SOIL

Tot Ion:168 Resp: 292842

Ion Ratio Lower Upper

168 100

99 61.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

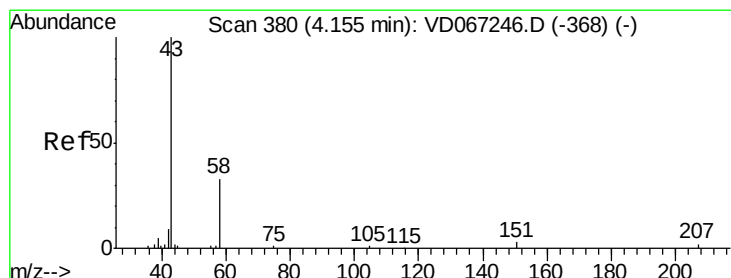
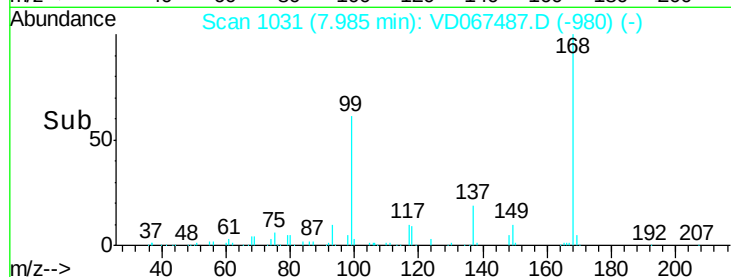
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 41.260 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067487.D

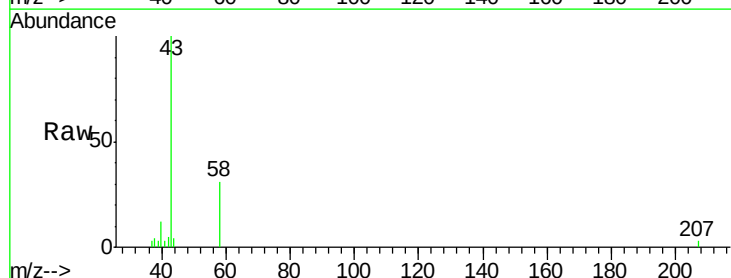
Acq: 02 Nov 2020 13:15

Tgt Ion: 43 Resp: 16953

Ion Ratio Lower Upper

43 100

58 31.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

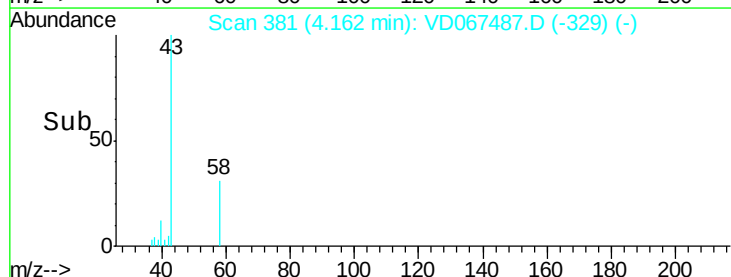
6000

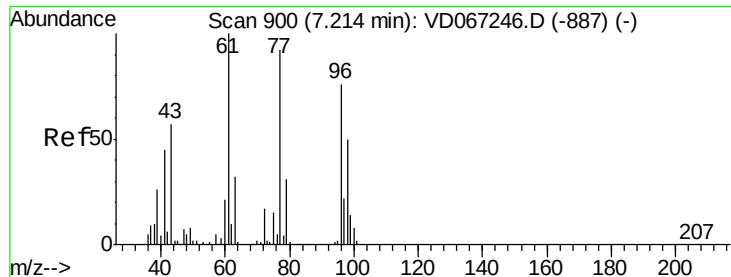
4000

2000

0

Time-->





#25

2-Butanone

Concen: 5.867 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067487.D

Acq: 02 Nov 2020 13:15

Instrument :

MSVOA_D

ClientSampled :

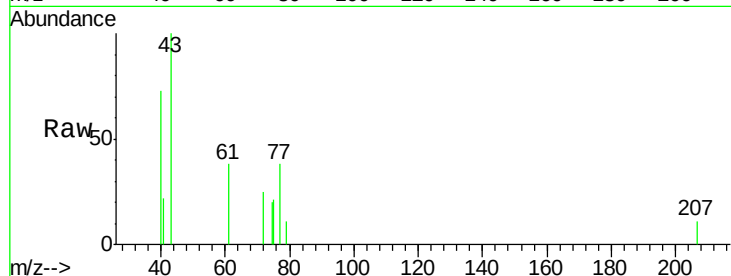
JCG-SOIL

Tot Ion: 43 Resp: 2748

Ion Ratio Lower Upper

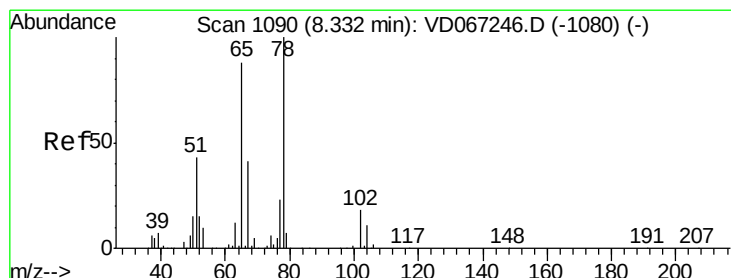
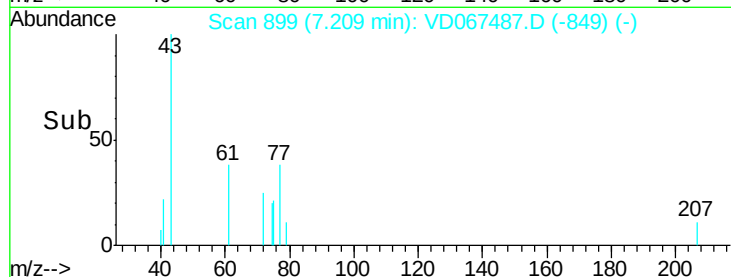
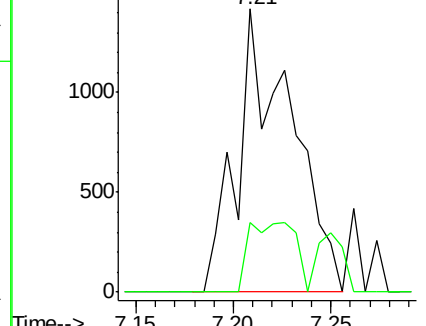
43 100

72 24.5 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 51.069 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067487.D

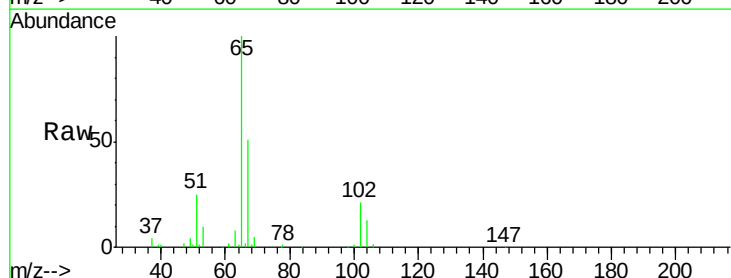
Acq: 02 Nov 2020 13:15

Tgt Ion: 65 Resp: 149829

Ion Ratio Lower Upper

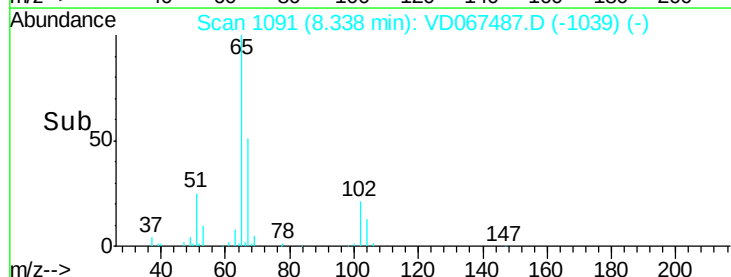
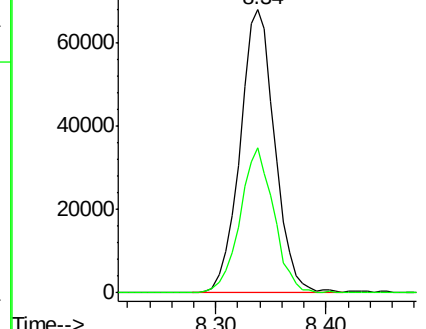
65 100

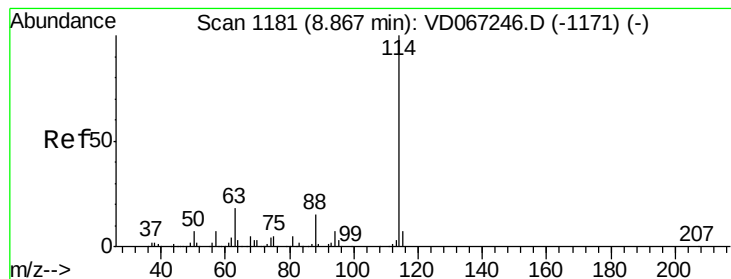
67 49.9 0.0 103.8



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# 1182

Delta R.T. 0.01 min

Lab File: VD067487.D

Acq: 02 Nov 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

JCG-SOIL

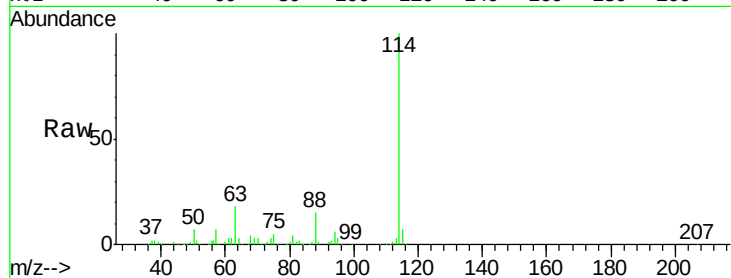
Tot Ion:114 Resp: 469539

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

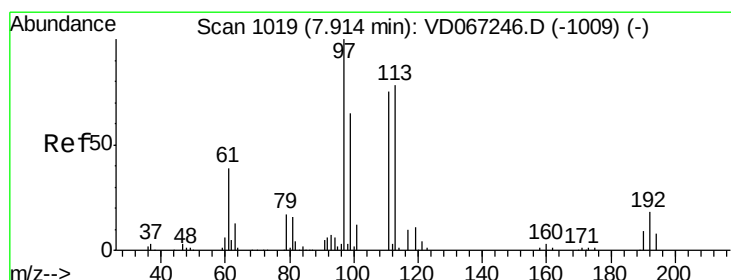
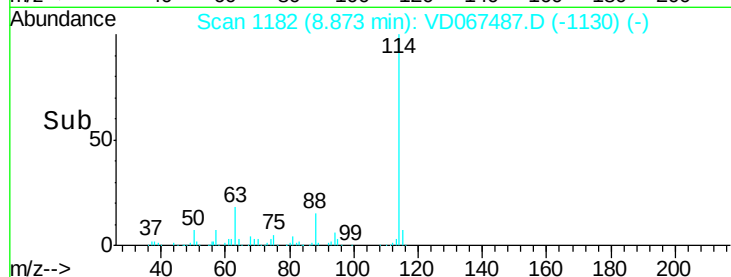
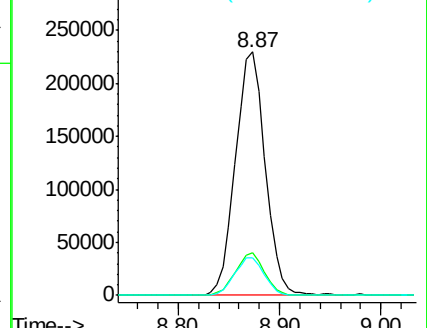
88 15.4 0.0 30.6



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: 47.177 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067487.D

Acq: 02 Nov 2020 13:15

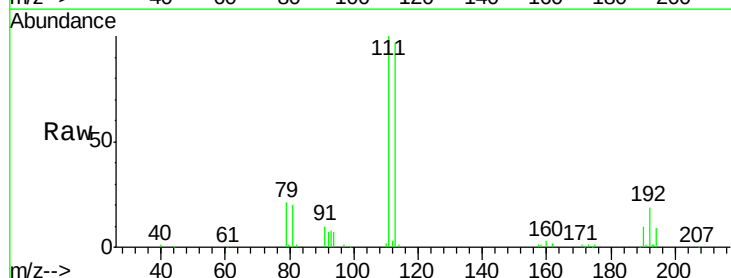
Tgt Ion:113 Resp: 147417

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

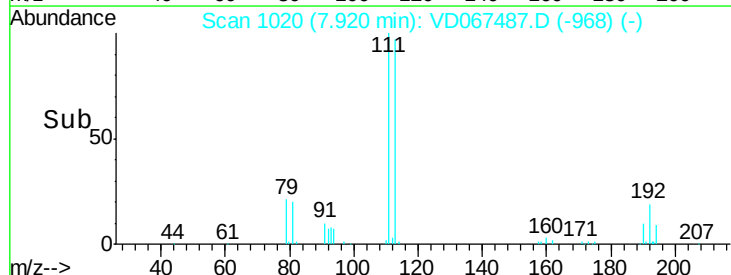
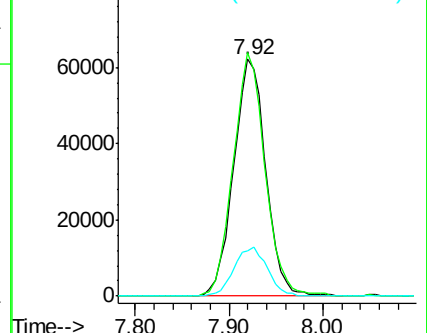
192 21.4 17.0 25.4

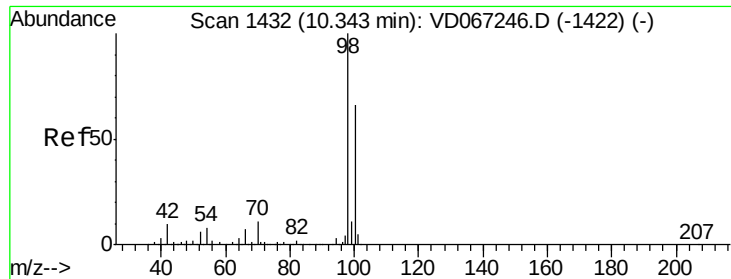


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.042 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067487.D

Acq: 02 Nov 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

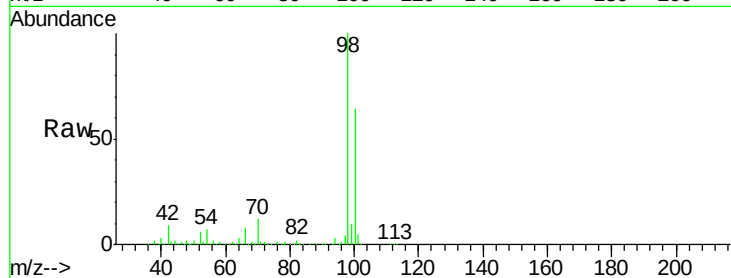
JCG-SOIL

Tot Ion: 98 Resp: 543276

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

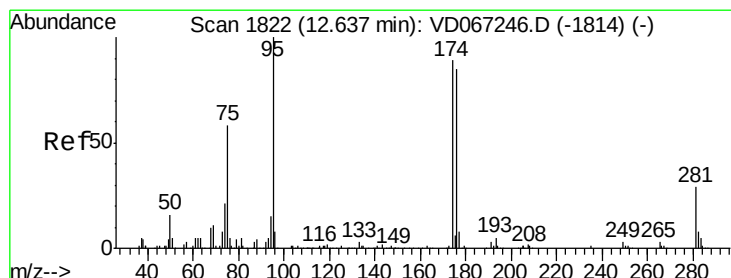
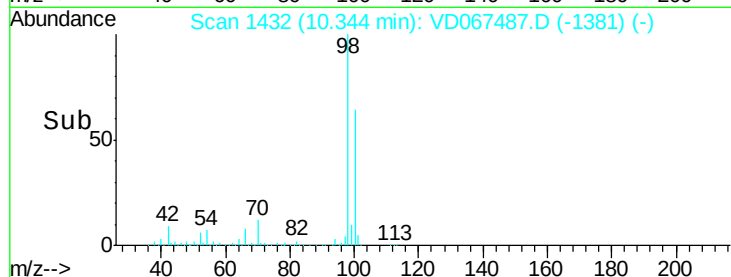
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.622 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067487.D

Acq: 02 Nov 2020 13:15

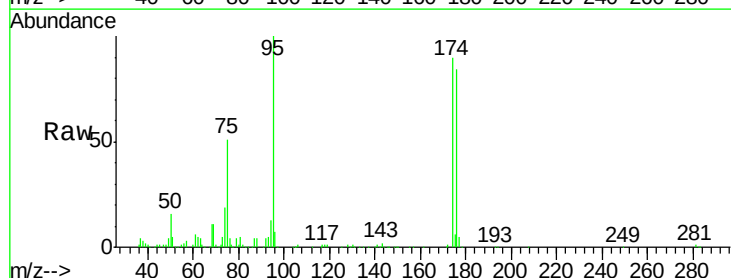
Tgt Ion: 95 Resp: 202984

Ion Ratio Lower Upper

95 100

174 88.8 0.0 175.2

176 84.8 0.0 168.6



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

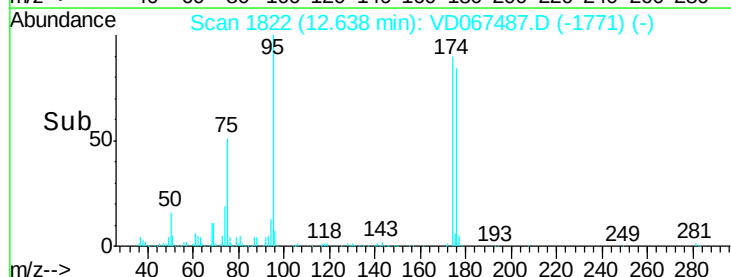
150000

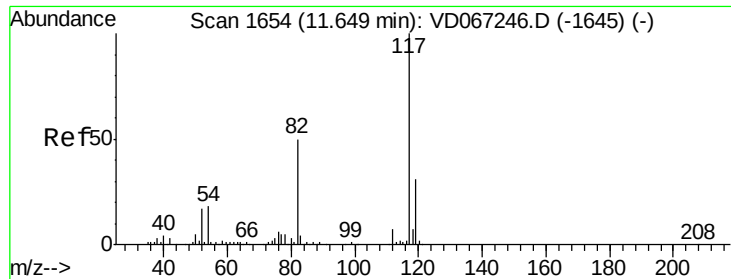
100000

50000

0

Time--> 12.50 12.60 12.70

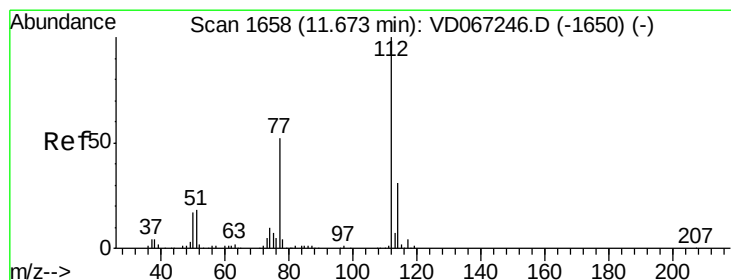
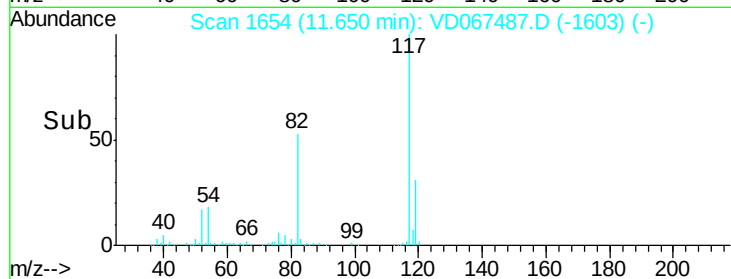
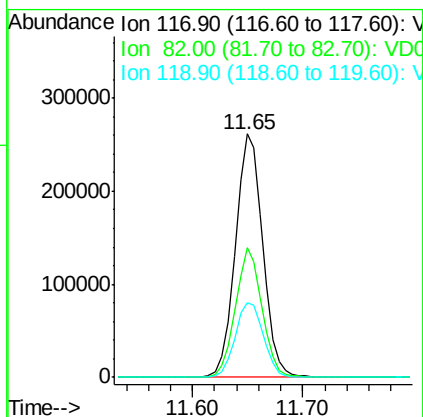
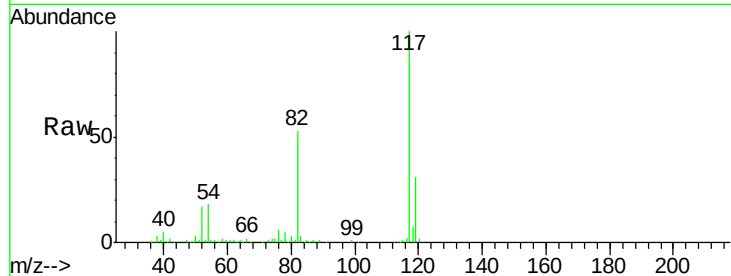




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067487.D
Acq: 02 Nov 2020 13:15

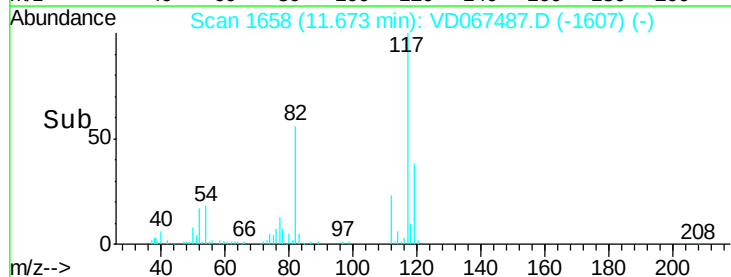
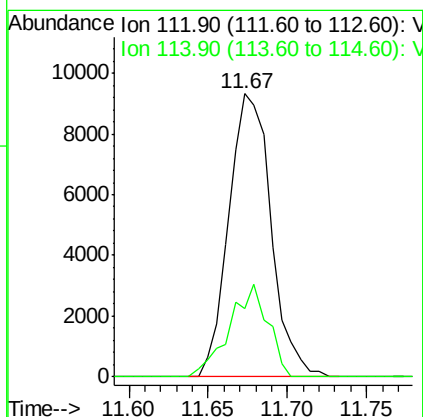
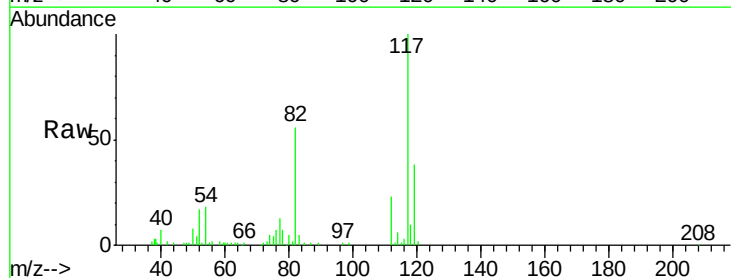
Instrument :
MSVOA_D
ClientSampleId :
JCG-SOIL

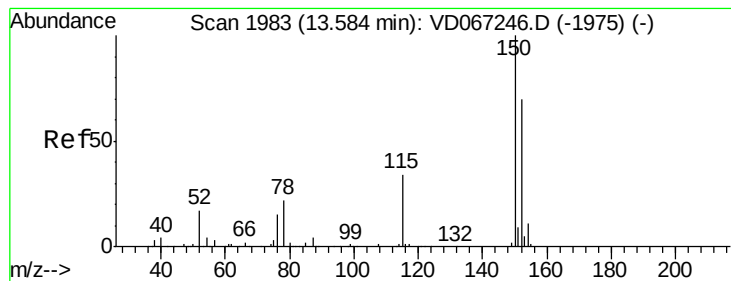
Tot Ion:117 Resp: 454604
Ion Ratio Lower Upper
117 100
82 53.4 39.9 59.9
119 30.7 24.9 37.3



#65
Chlorobenzene
Concen: 1.971 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067487.D
Acq: 02 Nov 2020 13:15

Tgt Ion:112 Resp: 17185
Ion Ratio Lower Upper
112 100
114 24.3 25.0 37.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067487.D

Acq: 02 Nov 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

JCG-SOIL

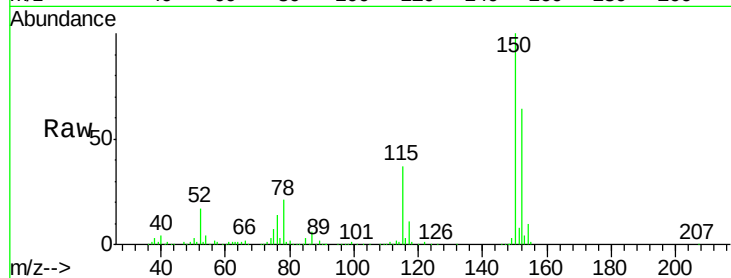
Tot Ion:152 Resp: 227324

Ion Ratio Lower Upper

152 100

115 58.4 29.3 87.9

150 152.8 0.0 339.0



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

