

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122218\
 Data File : VD060707.D
 Acq On : 22 Dec 2018 14:29
 Operator : VA/AP
 Sample : J6500-02
 Misc : 5.04g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Dec 24 02:40:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

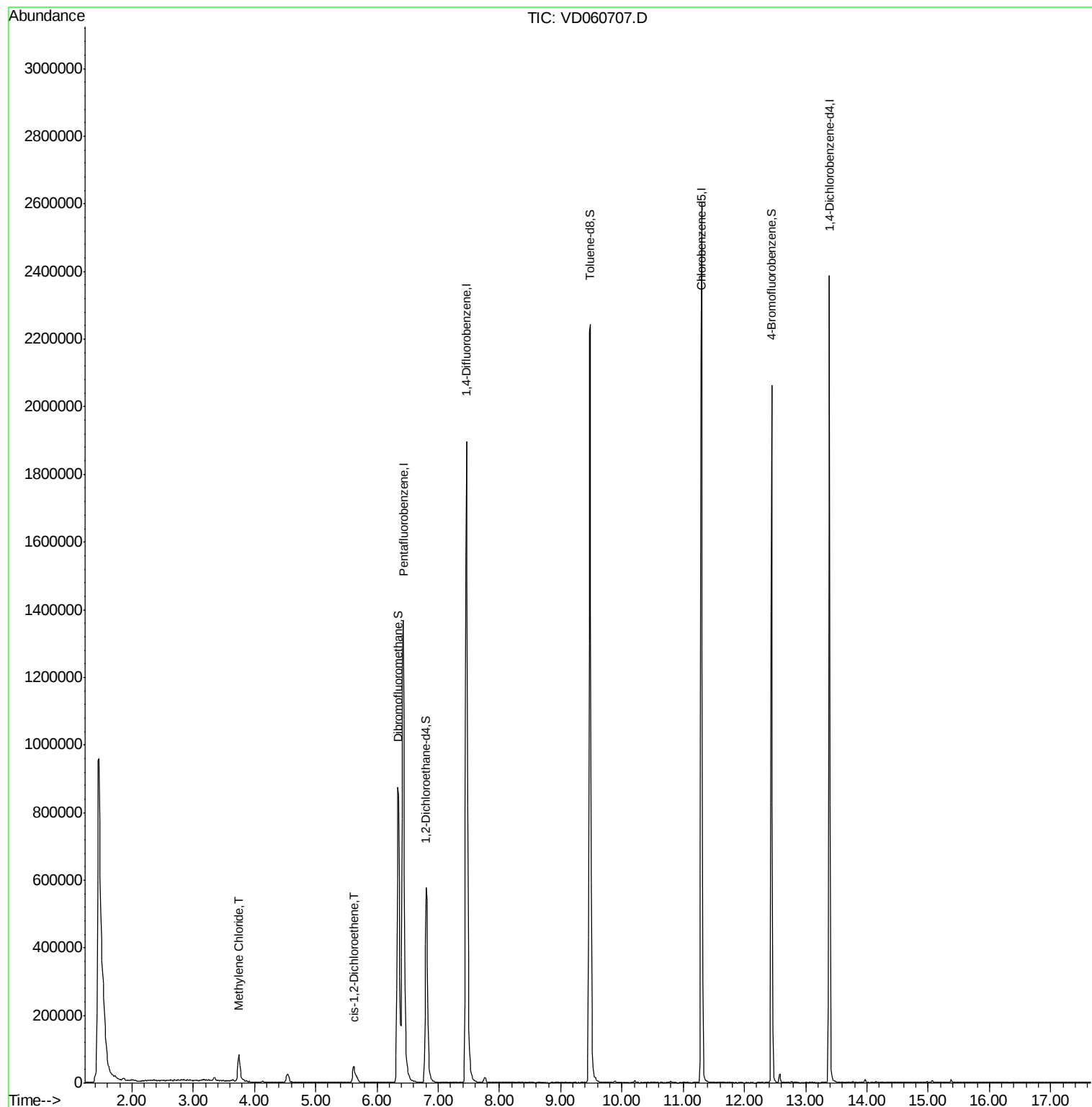
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1377715	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.46	114	2010837	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.30	117	1414557	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.39	152	554920	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	495591	52.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	6.34	113	708674	48.15	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	9.48	98	1901430	43.30	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.60%	
62) 4-Bromofluorobenzene	12.44	95	559193	36.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.72%	
Target Compounds						
20) Methylene Chloride	3.74	84	52153	3.020	ug/l	94
27) cis-1,2-Dichloroethene	5.61	96	31445	1.984	ug/l	83

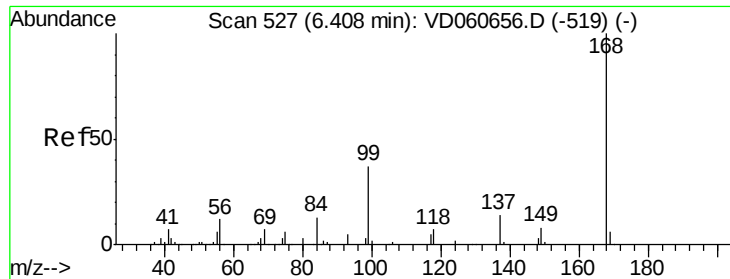
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.43 min Scan# 529

Delta R.T. 0.02 min

Lab File: VD060707.D

Acq: 22 Dec 2018 14:29

Instrument :

MSVOA_D

ClientSampleId :

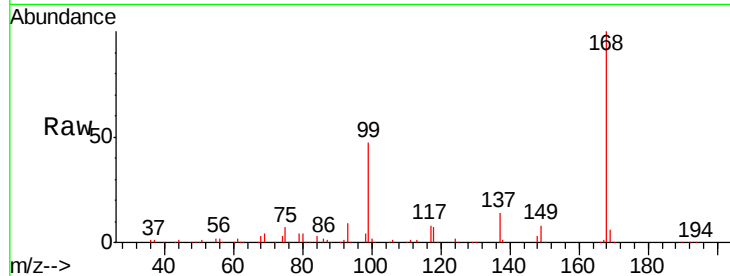
SOIL-CUTTINGS

Tgt Ion:168 Resp: 1377715

Ion Ratio Lower Upper

168 100

99 46.6 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.43

500000

400000

300000

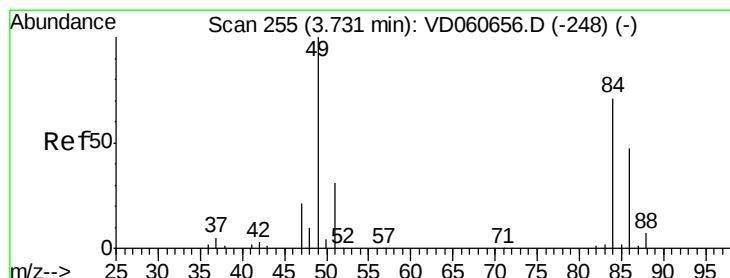
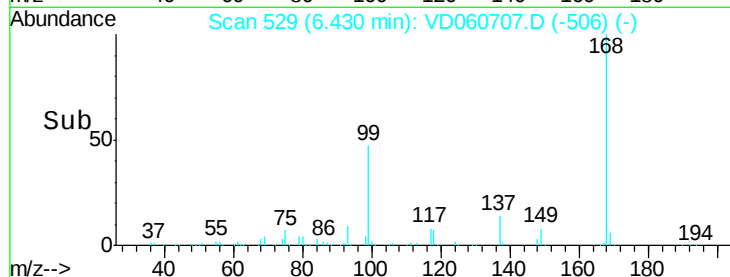
200000

100000

0

Time-->

6.30 6.40 6.50 6.60



#20

Methylene Chloride

Concen: 3.020 ug/l

RT: 3.74 min Scan# 256

Delta R.T. 0.01 min

Lab File: VD060707.D

Acq: 22 Dec 2018 14:29

Tgt Ion: 84 Resp: 52153

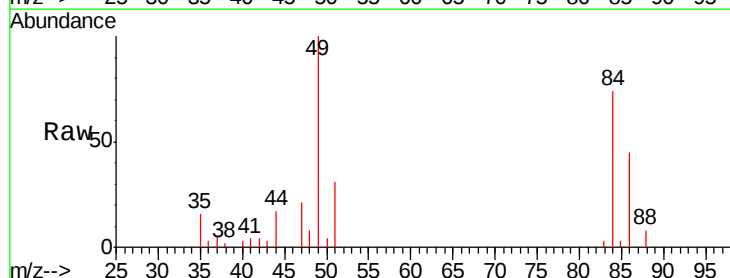
Ion Ratio Lower Upper

84 100

49 134.4 113.6 170.4

51 42.0 34.7 52.1

86 59.9 52.8 79.2



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

30000

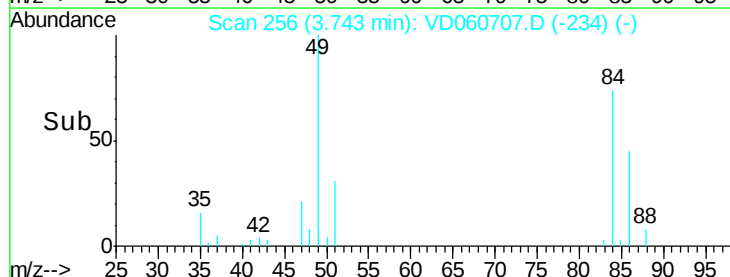
20000

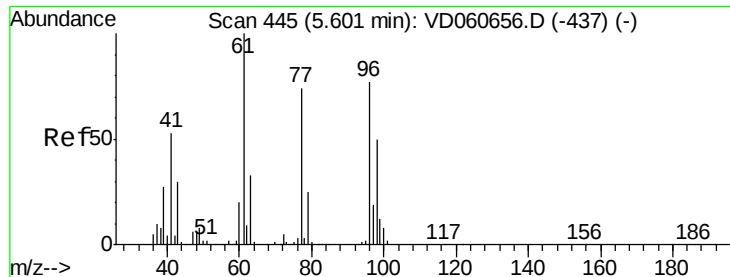
10000

0

Time-->

3.60 3.70 3.80 3.90





#27

cis-1,2-Dichloroethene

Concen: 1.984 ug/l

RT: 5.61 min Scan# 446

Delta R.T. 0.01 min

Lab File: VD060707.D

Acq: 22 Dec 2018 14:29

Instrument :

MSVOA_D

ClientSampleId :

SOIL-CUTTINGS

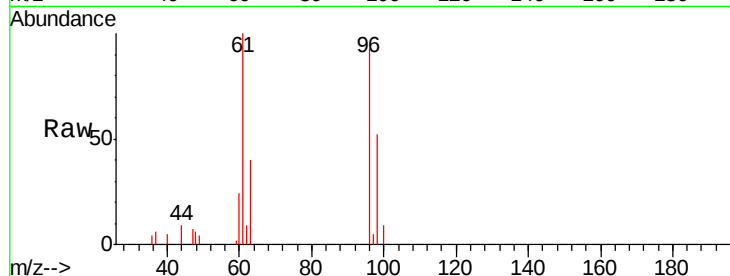
Tgt Ion: 96 Resp: 31445

Ion Ratio Lower Upper

96 100

61 107.1 0.0 259.4

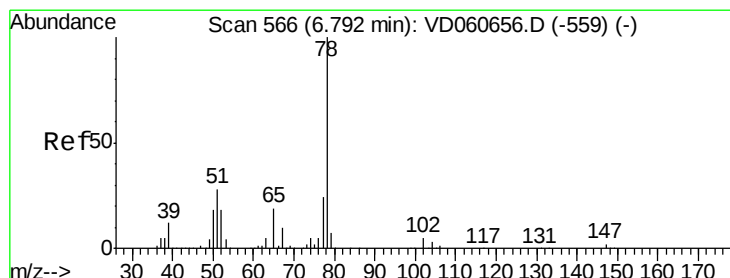
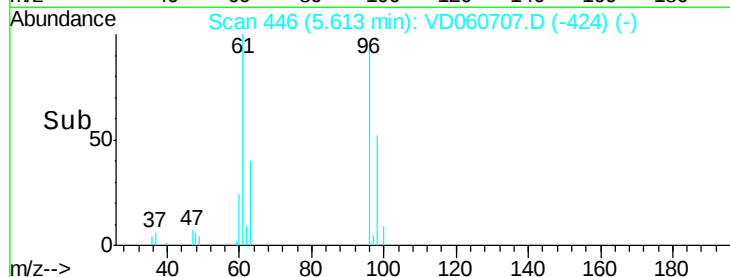
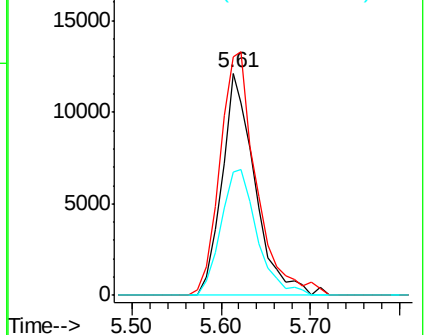
98 55.8 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 567

Delta R.T. 0.01 min

Lab File: VD060707.D

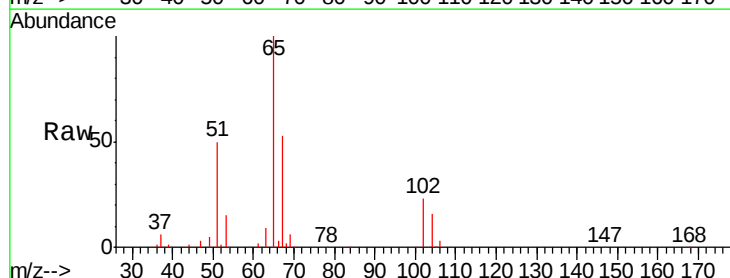
Acq: 22 Dec 2018 14:29

Tgt Ion: 65 Resp: 495591

Ion Ratio Lower Upper

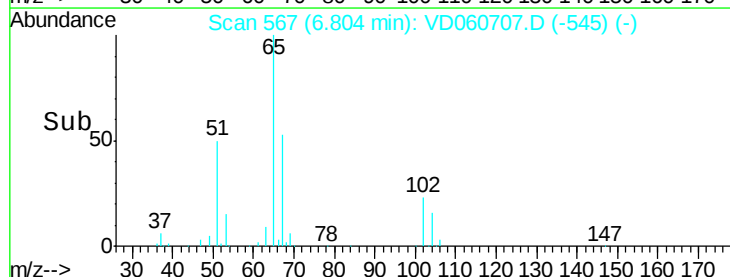
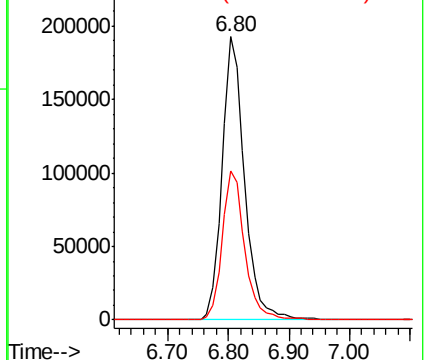
65 100

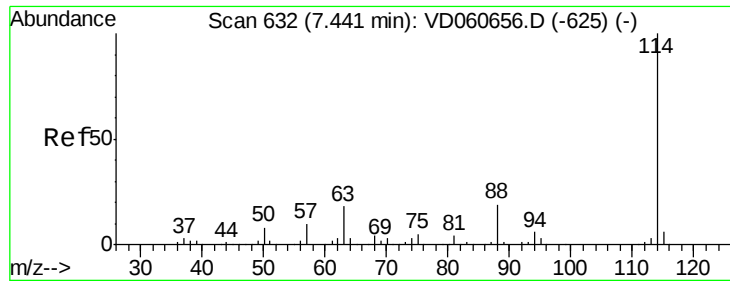
67 52.5 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

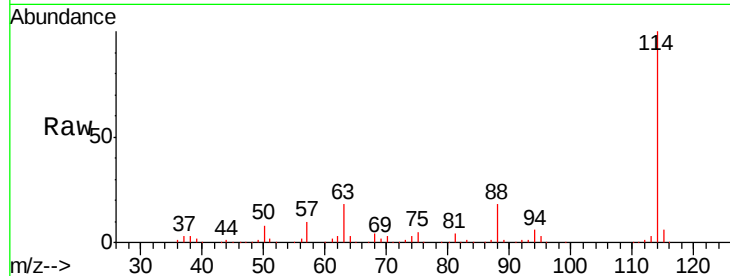




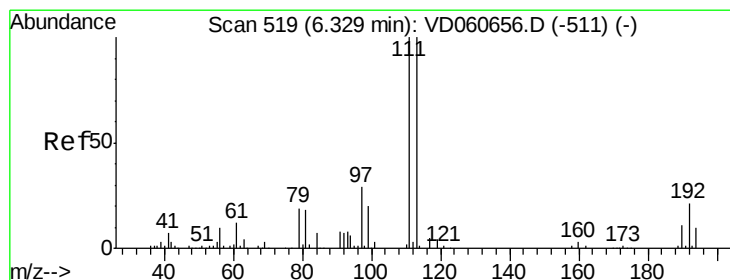
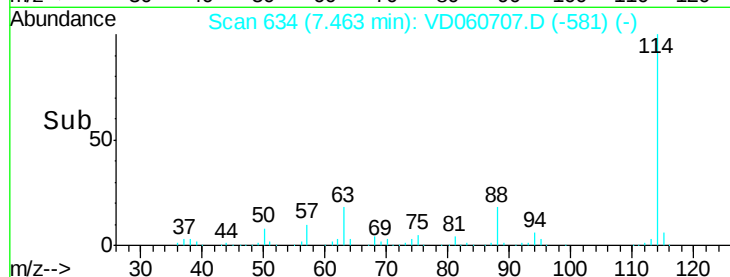
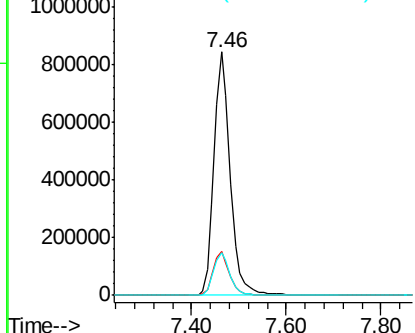
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 634
 Delta R.T. 0.02 min
 Lab File: VD060707.D
 Acq: 22 Dec 2018 14:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-CUTTINGS

Tgt Ion:114 Resp: 2010837
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.2
 88 17.8 0.0 37.0

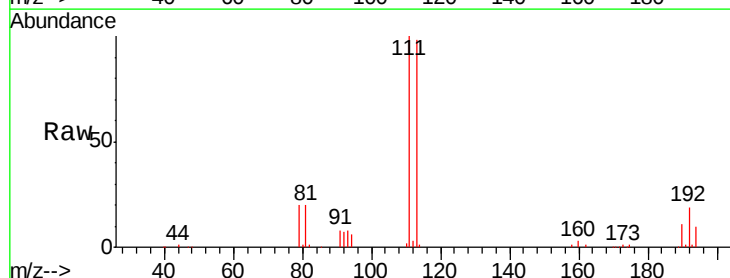


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

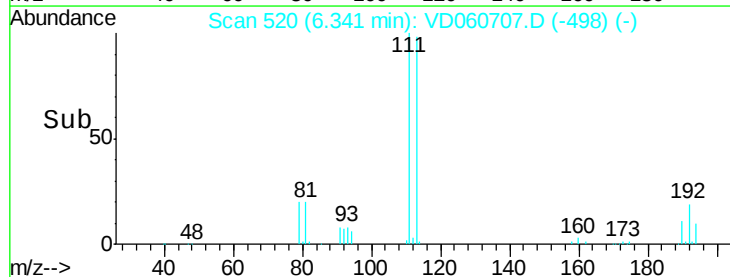
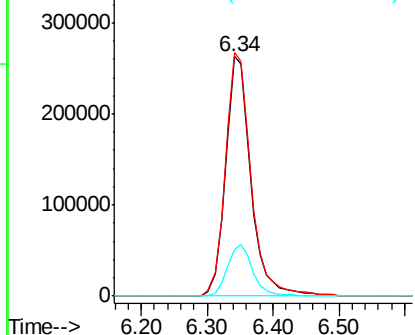


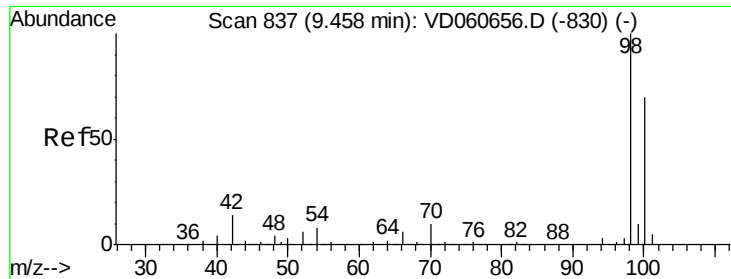
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 520
 Delta R.T. 0.01 min
 Lab File: VD060707.D
 Acq: 22 Dec 2018 14:29

Tgt Ion:113 Resp: 708674
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.0 120.0
 192 19.6 16.6 25.0



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.48 min Scan# 839

Delta R.T. 0.02 min

Lab File: VD060707.D

Acq: 22 Dec 2018 14:29

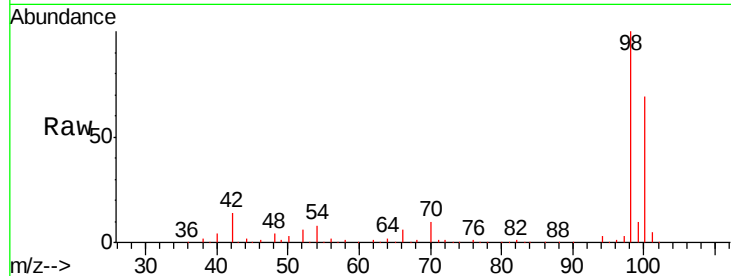
Instrument :
MSVOA_D
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 98 Resp: 1901430

Ion Ratio Lower Upper

98 100

100 69.4 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): VD060707.D (-816) (-)

Ion 100.05 (99.75 to 100.75): VD060707.D (-816) (-)

9.48

800000

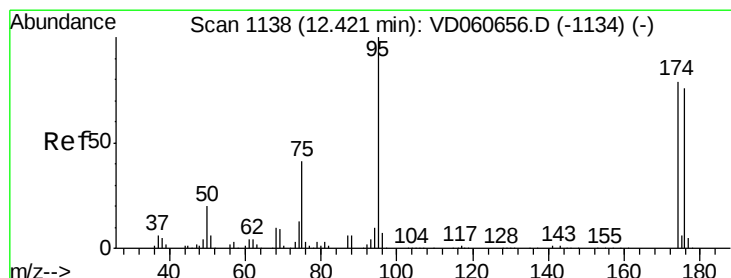
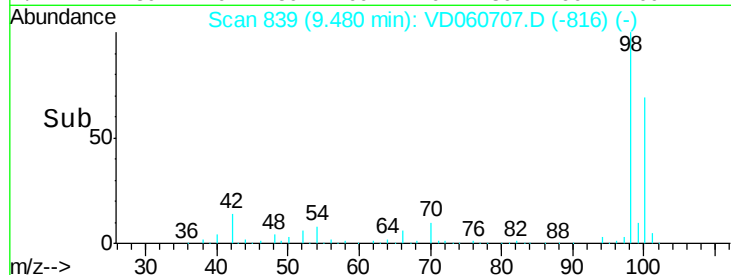
600000

400000

200000

0

Time--> 9.30 9.40 9.50 9.60 9.70



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1140

Delta R.T. 0.02 min

Lab File: VD060707.D

Acq: 22 Dec 2018 14:29

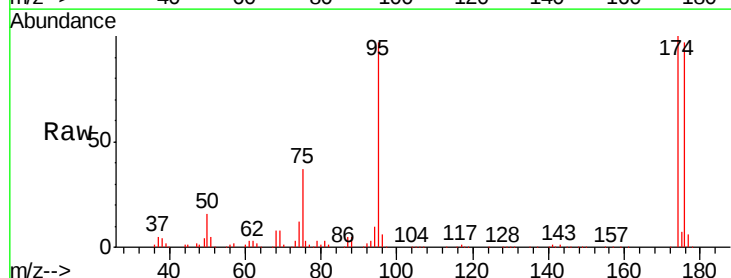
Tgt Ion: 95 Resp: 559193

Ion Ratio Lower Upper

95 100

174 103.4 0.0 158.2

176 99.8 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD060707.D (-1117) (-)

Ion 173.90 (173.60 to 174.60): VD060707.D (-1117) (-)

Ion 175.90 (175.60 to 176.60): VD060707.D (-1117) (-)

12.44

500000

400000

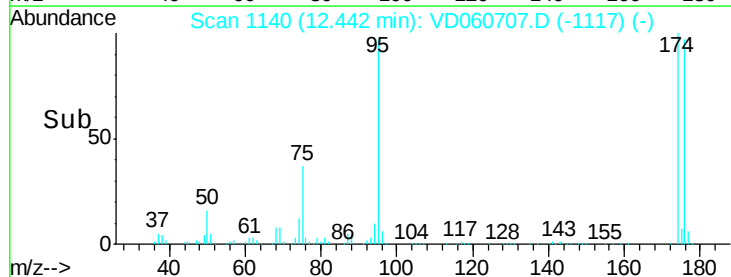
300000

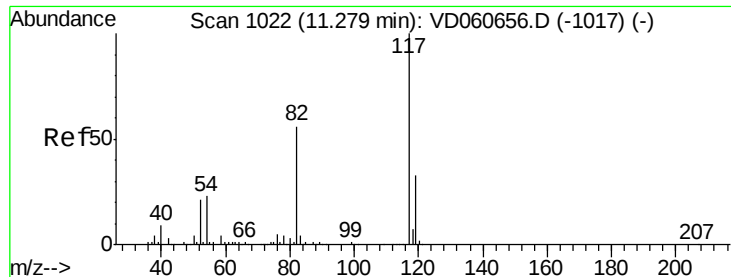
200000

100000

0

Time--> 12.40 12.50

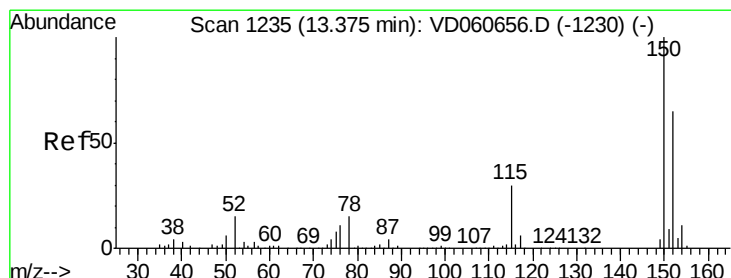
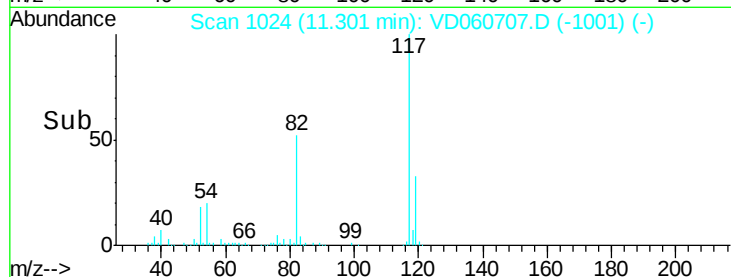
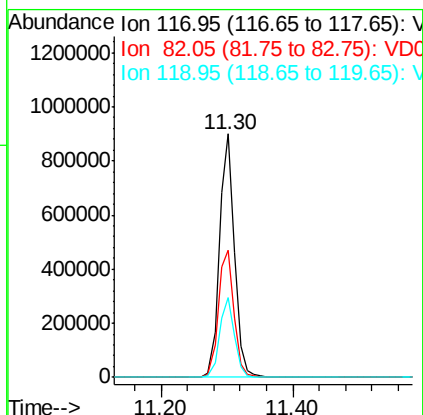
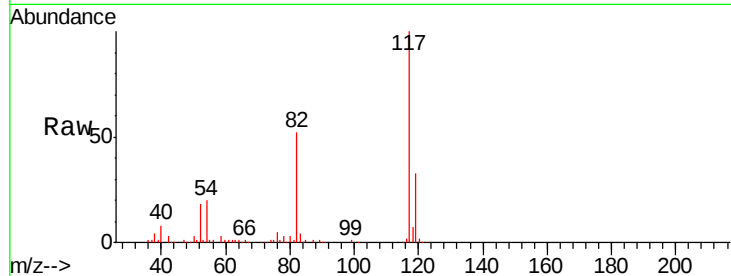




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 1024
Delta R.T. 0.02 min
Lab File: VD060707.D
Acq: 22 Dec 2018 14:29

Instrument :
MSVOA_D
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:117 Resp: 1414557
Ion Ratio Lower Upper
117 100
82 52.1 44.5 66.7
119 32.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VD060707.D
Acq: 22 Dec 2018 14:29

Tgt Ion:152 Resp: 554920
Ion Ratio Lower Upper
152 100
115 48.4 24.1 72.3
150 155.4 0.0 315.0

