

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060153.D
 Acq On : 9 Oct 2018 16:13
 Operator : VA/AP
 Sample : J5325-01
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DEBRI

Quant Time: Oct 10 01:15:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1083527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	1418108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	941533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	313565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	618940	75.36	ug/l	0.00
Spiked Amount						
			Recovery	=	150.72%	
35) Dibromofluoromethane	6.30	113	765606	71.09	ug/l	0.00
Spiked Amount						
			Recovery	=	142.18%	
50) Toluene-d8	9.44	98	1790852	58.32	ug/l	0.00
Spiked Amount						
			Recovery	=	116.64%	
62) 4-Bromofluorobenzene	12.42	95	477383	41.52	ug/l	0.00
Spiked Amount						
			Recovery	=	83.04%	

Target Compounds

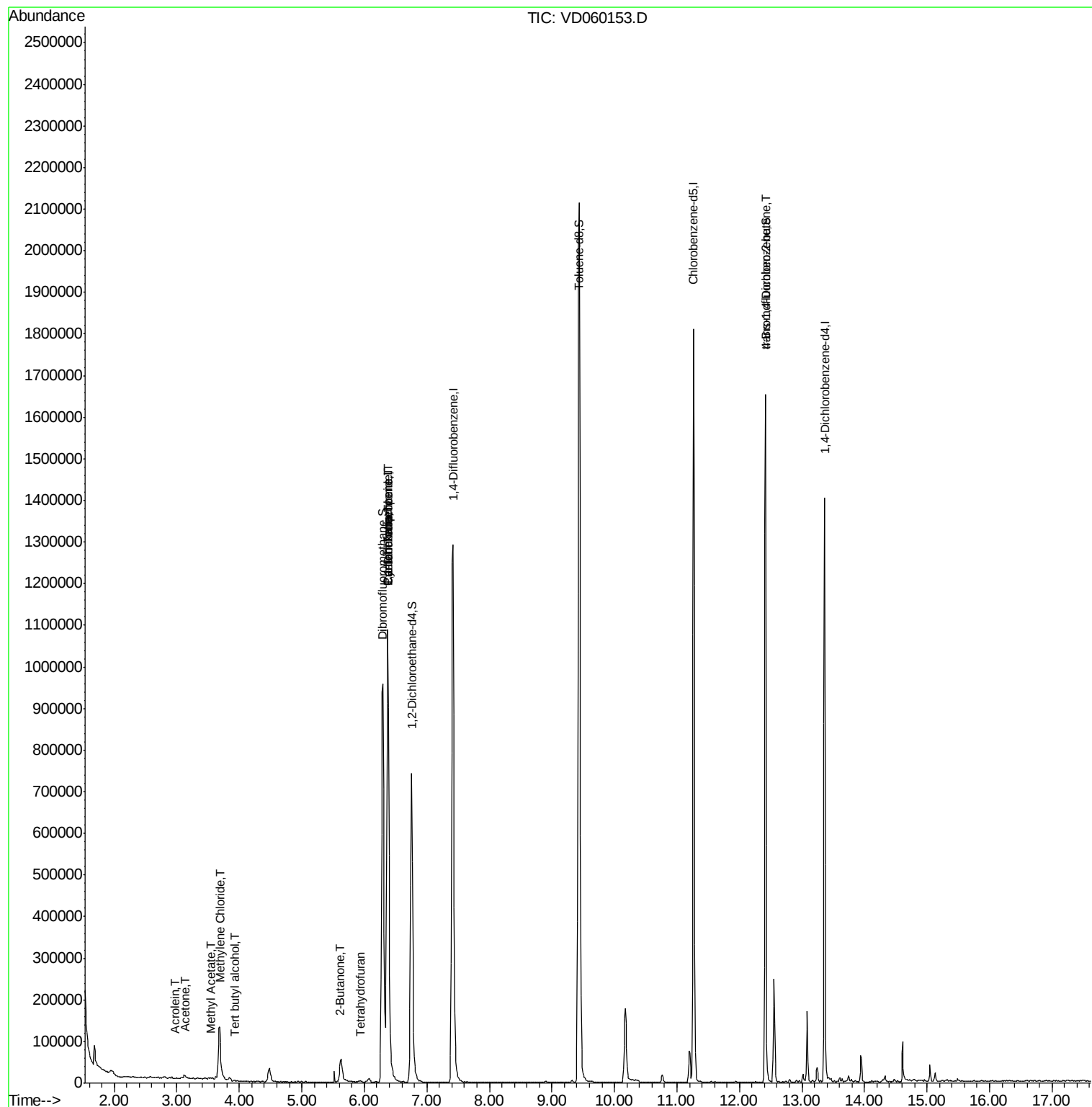
						Qvalue
11) Tert butyl alcohol	3.93	59	2465	4.185	ug/l #	74
13) Acrolein	2.97	56	397	1.093	ug/l #	14
16) Acetone	3.14	43	10719	7.192	ug/l #	86
18) Methyl Acetate	3.54	43	4353	1.359	ug/l #	63
20) Methylene Chloride	3.69	84	80012	2.757	ug/l	99
25) 2-Butanone	5.61	43	6580	1.767	ug/l #	59
29) Tetrahydrofuran	5.93	42	2406	1.113	ug/l #	65
31) Cyclohexane	6.37	56	18902	1.062	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	73468	5.421	ug/l #	47
38) Carbon Tetrachloride	6.37	117	81622	6.636	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.42	75	187914	148.097	ug/l #	13

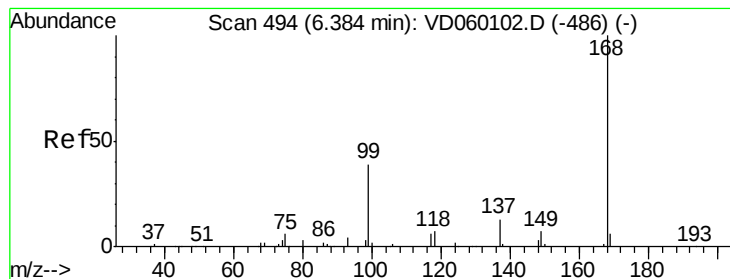
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
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Quant Time: Oct 10 01:15:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.01 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

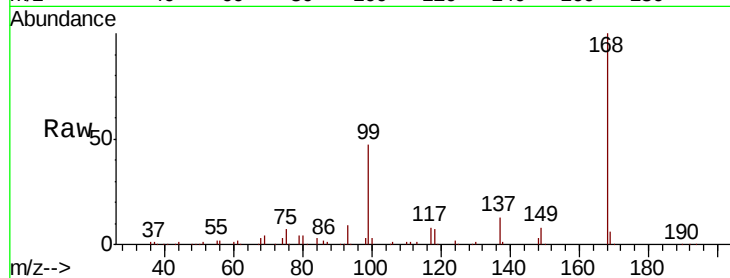
SOIL-DEBRI

Tot Ion:168 Resp: 1083527

Ion Ratio Lower Upper

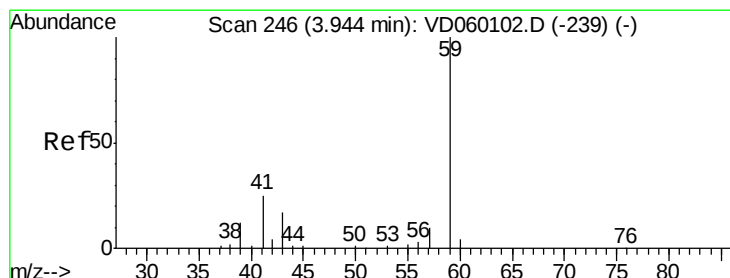
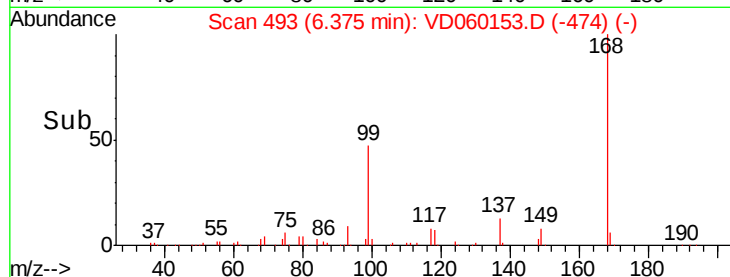
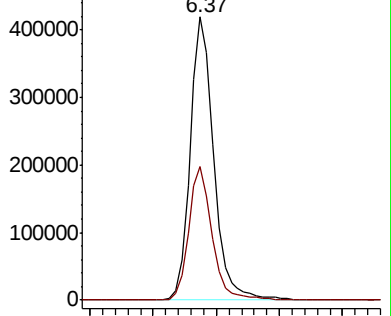
168 100

99 47.3 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 4.185 ug/l

RT: 3.93 min Scan# 245

Delta R.T. -0.01 min

Lab File: VD060153.D

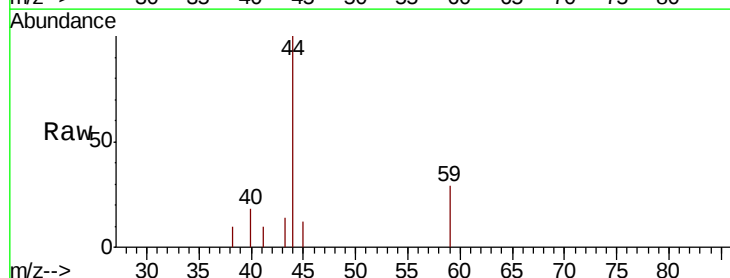
Acq: 9 Oct 2018 16:13

Tgt Ion: 59 Resp: 2465

Ion Ratio Lower Upper

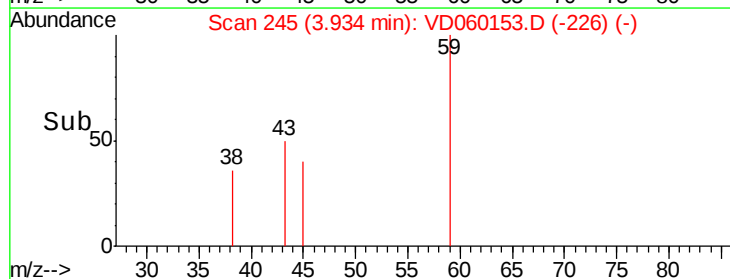
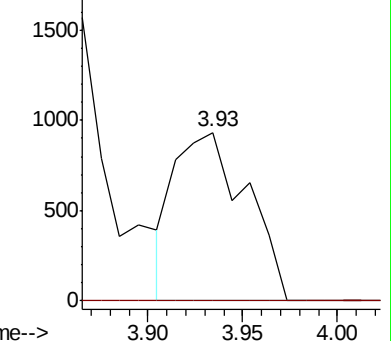
59 100

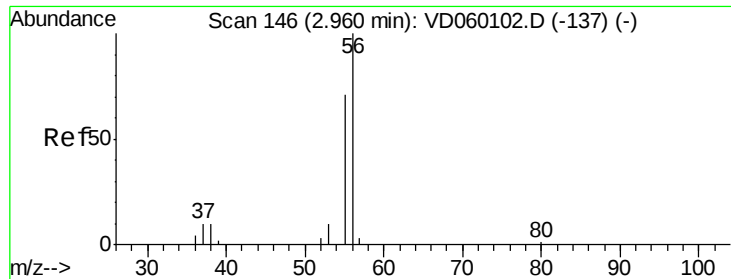
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 1.093 ug/l

RT: 2.97 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampled :

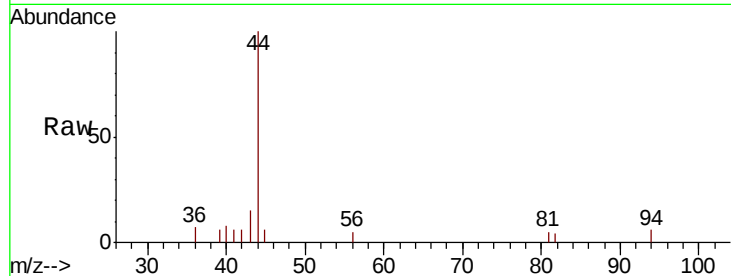
SOIL-DEBRI

Tot Ion: 56 Resp: 397

Ion Ratio Lower Upper

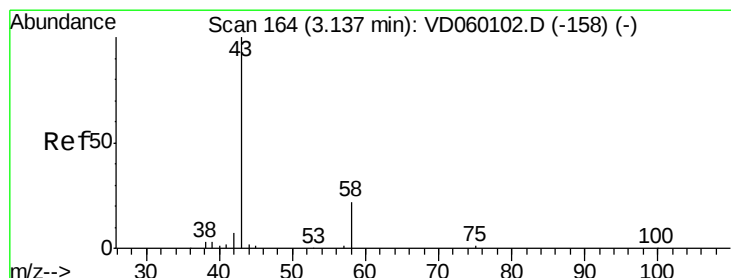
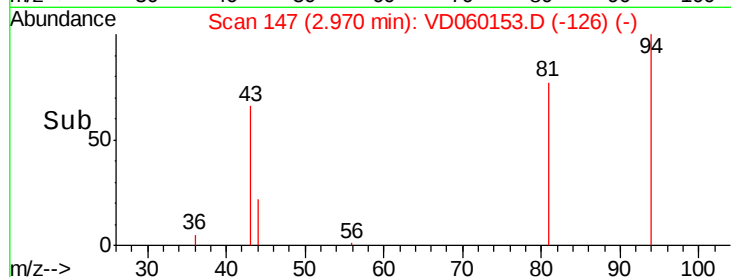
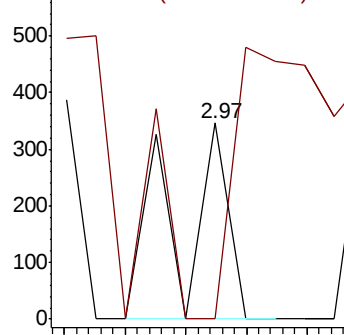
56 100

55 0.0 57.4 86.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 7.192 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.00 min

Lab File: VD060153.D

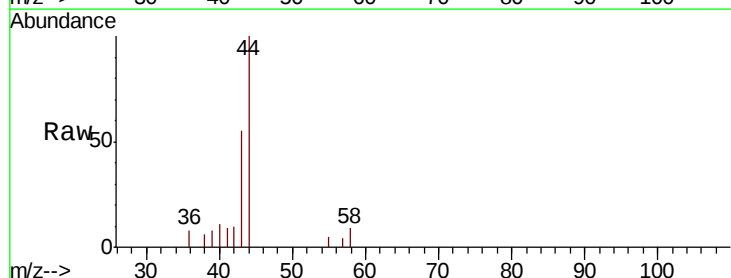
Acq: 9 Oct 2018 16:13

Tgt Ion: 43 Resp: 10719

Ion Ratio Lower Upper

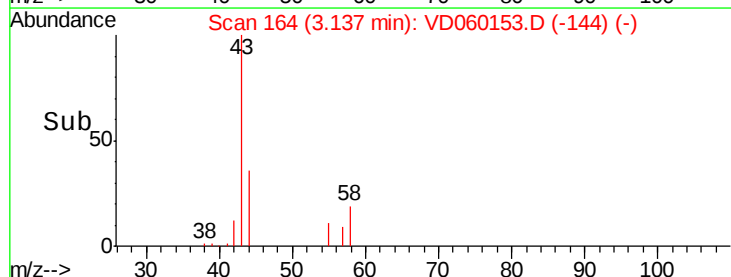
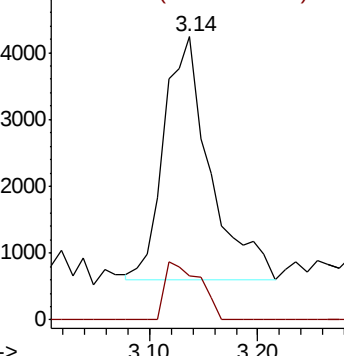
43 100

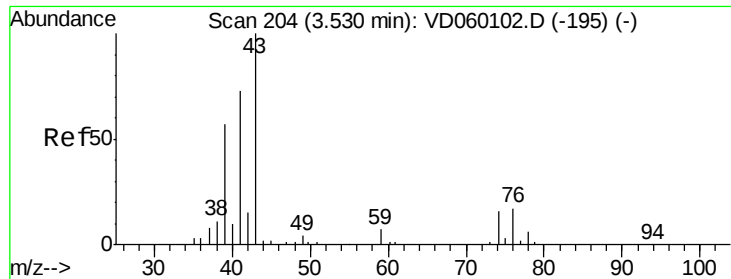
58 15.6 17.7 26.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

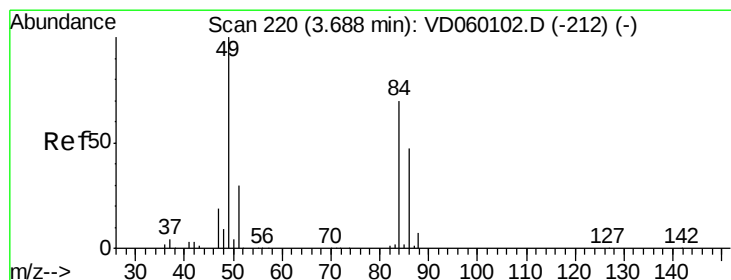
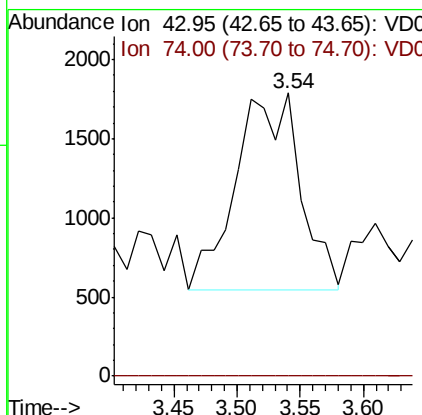
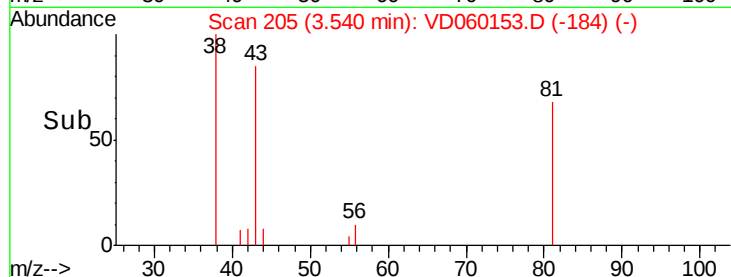
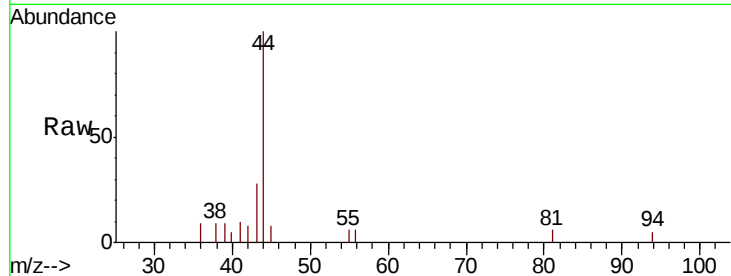




#18
Methyl Acetate
Concen: 1.359 ug/l
RT: 3.54 min Scan# 205
Delta R.T. 0.01 min
Lab File: VD060153.D
Acq: 9 Oct 2018 16:13

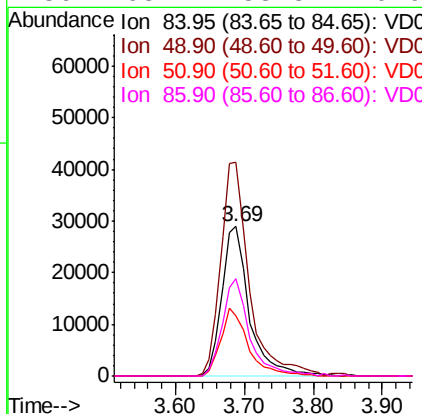
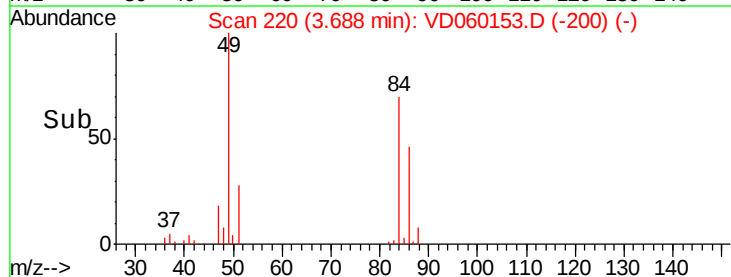
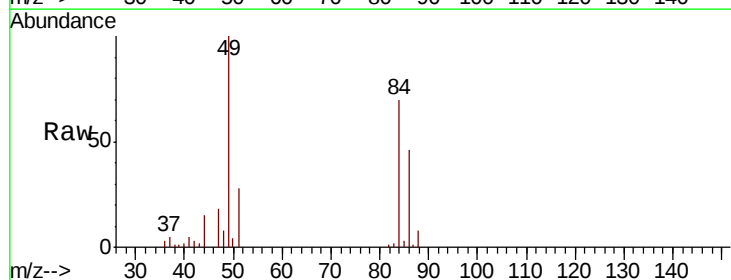
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DEBRI

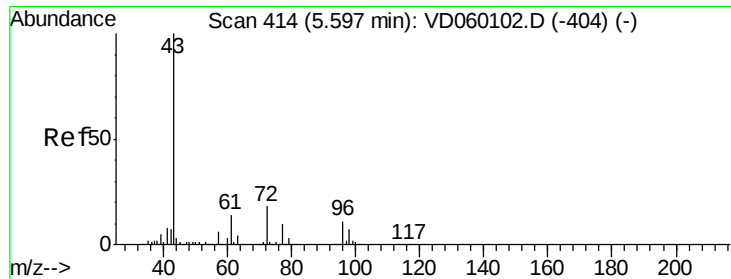
Tot Ion: 43 Resp: 4353
Ion Ratio Lower Upper
43 100
74 0.0 12.6 19.0#



#20
Methylene Chloride
Concen: 2.757 ug/l
RT: 3.69 min Scan# 220
Delta R.T. 0.00 min
Lab File: VD060153.D
Acq: 9 Oct 2018 16:13

Tgt Ion: 84 Resp: 80012
Ion Ratio Lower Upper
84 100
49 142.6 114.6 172.0
51 40.4 33.8 50.8
86 65.4 53.3 79.9





#25

2-Butanone

Concen: 1.767 ug/l

RT: 5.61 min Scan# 415

Delta R.T. 0.01 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

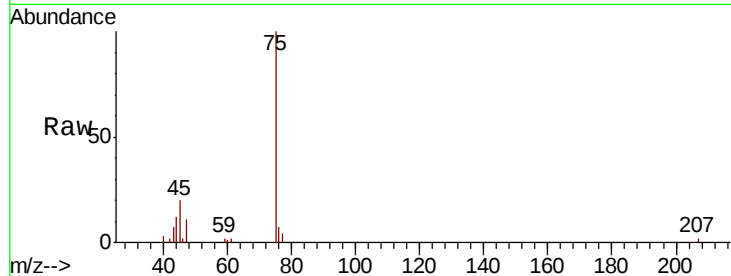
SOIL-DEBRI

Tot Ion: 43 Resp: 6580

Ion Ratio Lower Upper

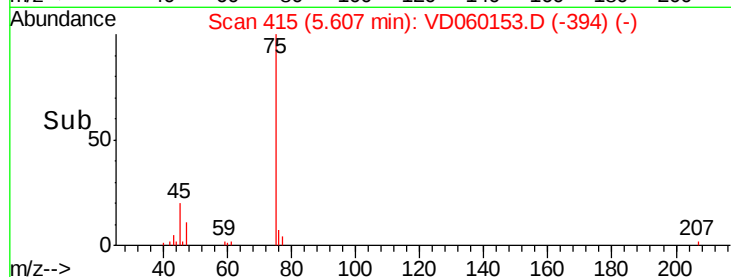
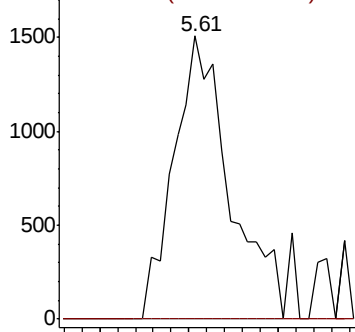
43 100

72 0.0 14.5 21.7#

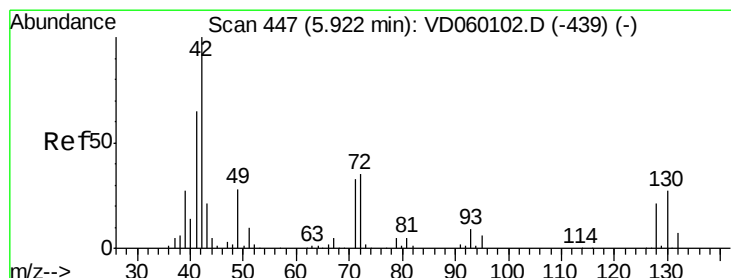


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#29

Tetrahydrofuran

Concen: 1.113 ug/l

RT: 5.93 min Scan# 448

Delta R.T. 0.01 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

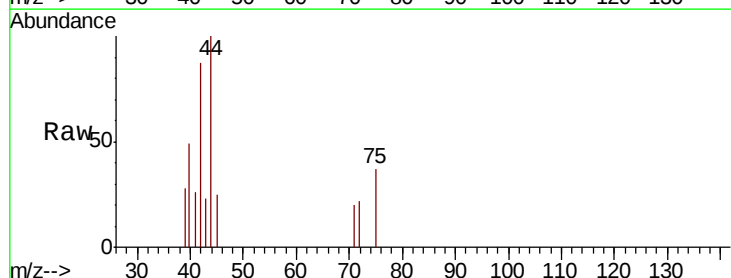
Tgt Ion: 42 Resp: 2406

Ion Ratio Lower Upper

42 100

72 8.7 26.9 40.3#

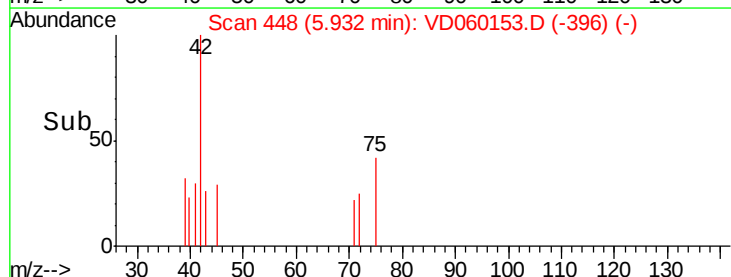
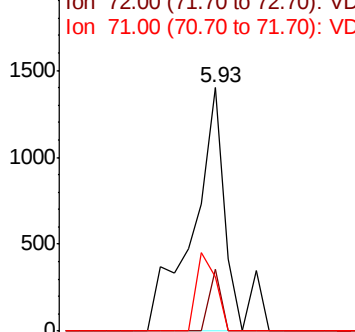
71 18.7 26.7 40.1#



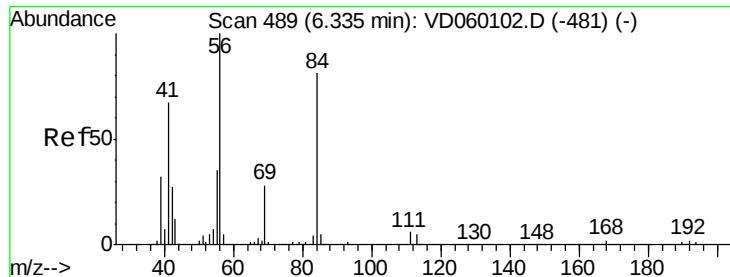
Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



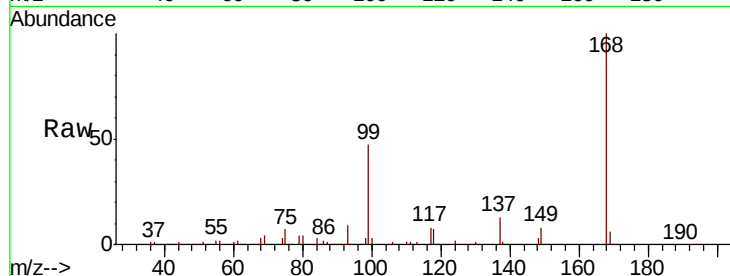
Time-->



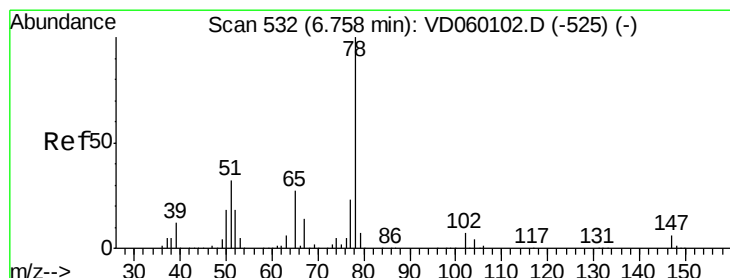
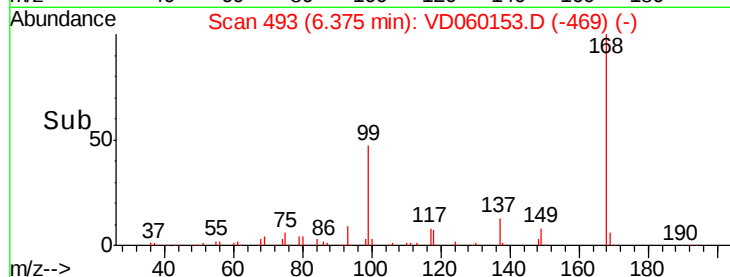
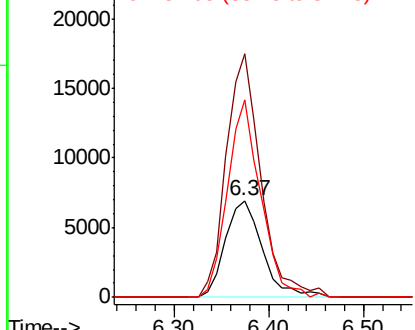
#31
Cyclohexane
Concen: 1.062 ug/l
RT: 6.37 min Scan# 493
Delta R.T. 0.04 min
Lab File: VD060153.D
Acq: 9 Oct 2018 16:13

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DEBRI

Tot Ion: 56 Resp: 18902
Ion Ratio Lower Upper
56 100
69 250.9 22.8 34.2#
84 203.1 64.9 97.3#

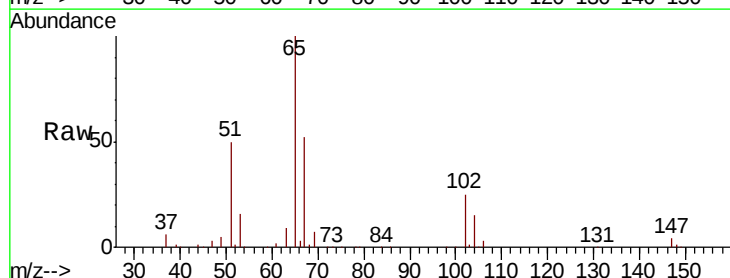


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

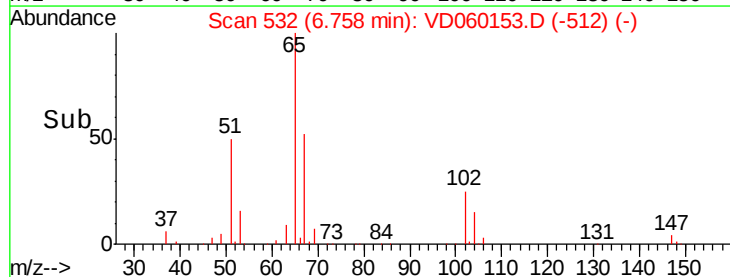
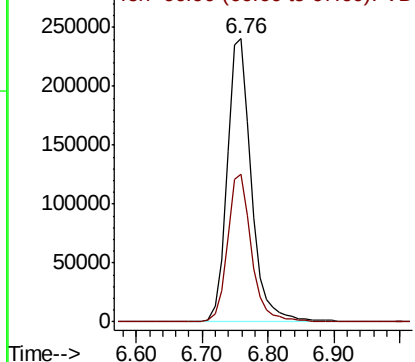


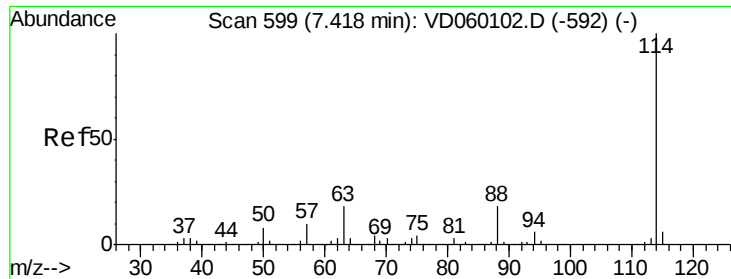
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. 0.00 min
Lab File: VD060153.D
Acq: 9 Oct 2018 16:13

Tgt Ion: 65 Resp: 618940
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

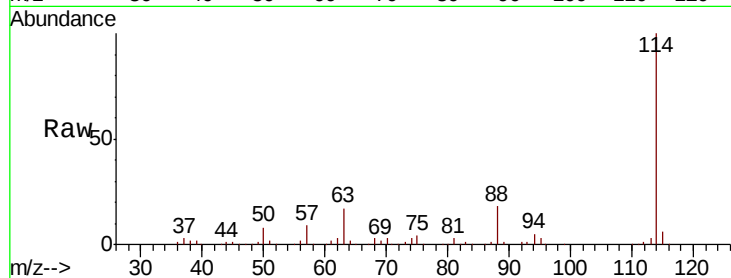




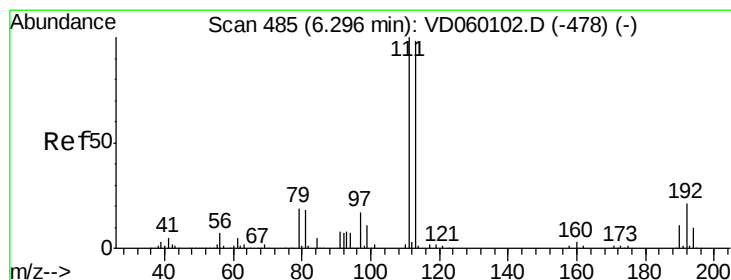
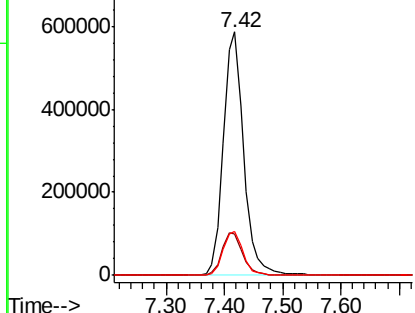
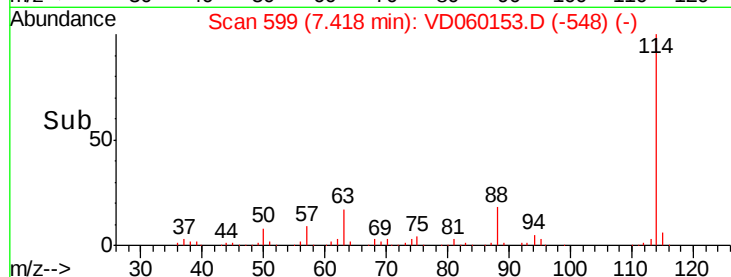
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VD060153.D
 Acq: 9 Oct 2018 16:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DEBRI

Tot Ion:114 Resp: 1418108
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 36.0
 88 17.9 0.0 36.2

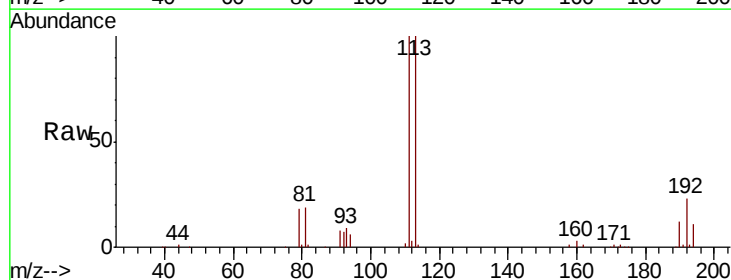


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

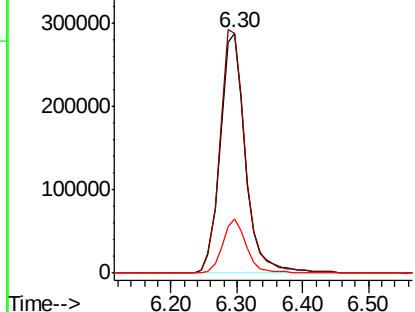
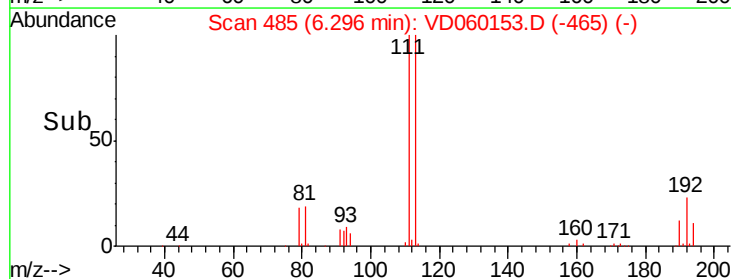


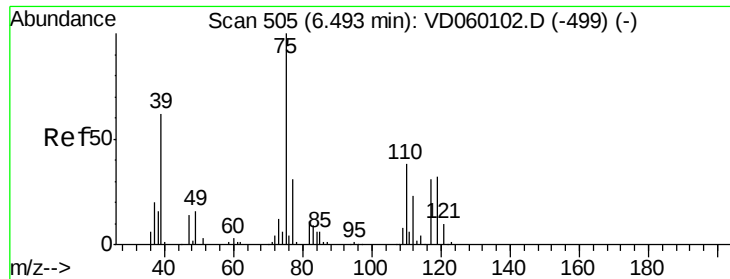
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: VD060153.D
 Acq: 9 Oct 2018 16:13

Tgt Ion:113 Resp: 765606
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.5 122.3
 192 22.6 17.4 26.0



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

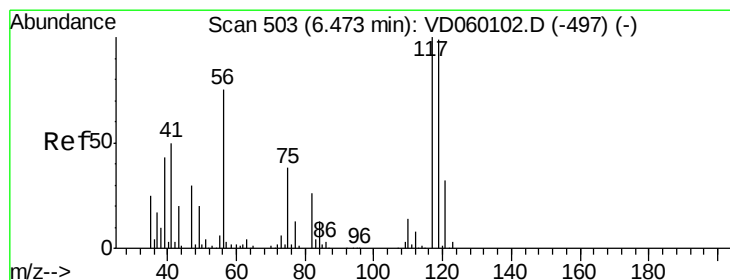
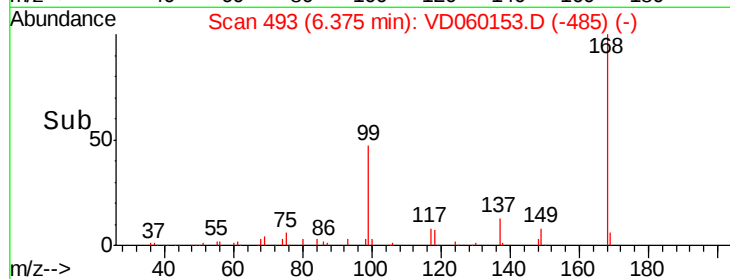
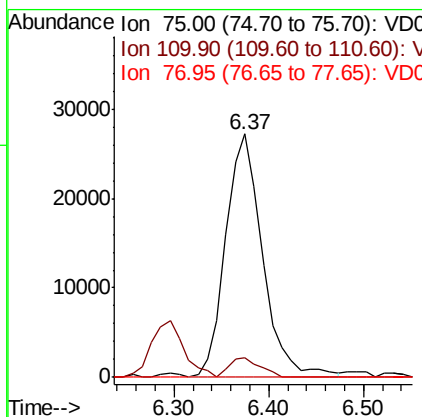
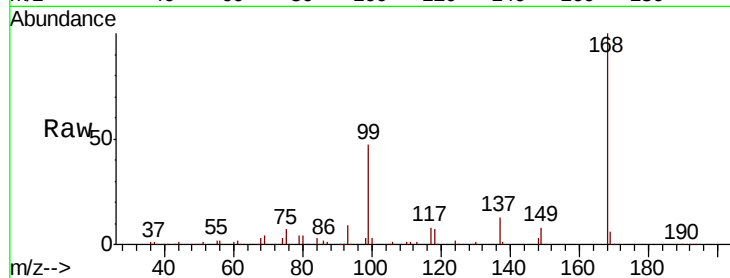




#36
 1,1-Dichloropropene
 Concen: 5.421 ug/l
 RT: 6.37 min Scan# 493
 Delta R.T. -0.12 min
 Lab File: VD060153.D
 Acq: 9 Oct 2018 16:13

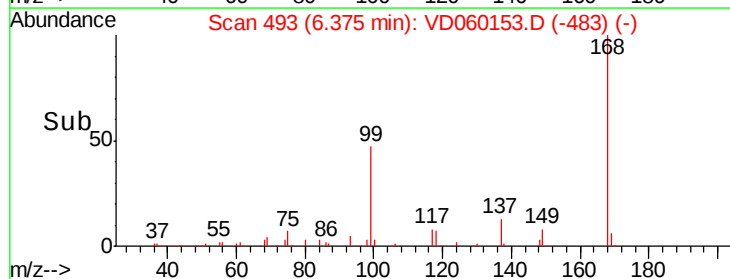
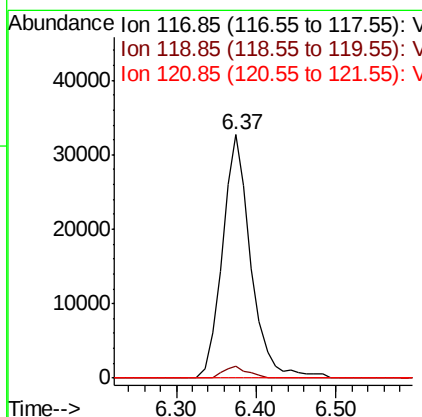
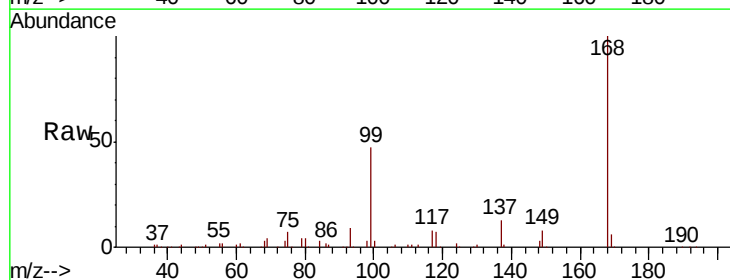
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DEBRI

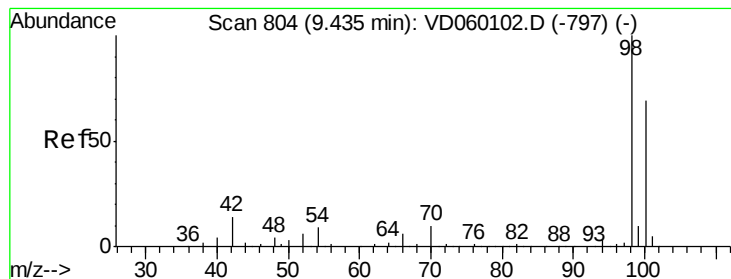
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.0	57.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.636 ug/l
 RT: 6.37 min Scan# 493
 Delta R.T. -0.10 min
 Lab File: VD060153.D
 Acq: 9 Oct 2018 16:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.8	116.6#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 804

Delta R.T. 0.00 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

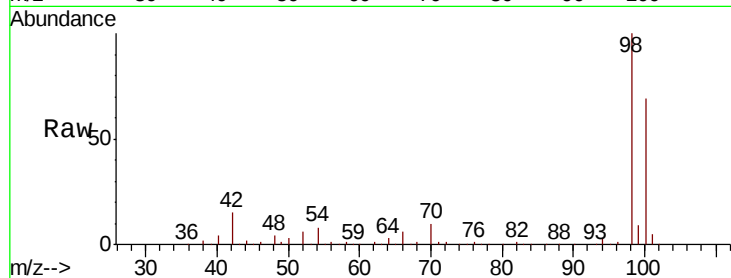
SOIL-DEBRI

Tot Ion: 98 Resp: 1790852

Ion Ratio Lower Upper

98 100

100 69.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

9.44

800000

600000

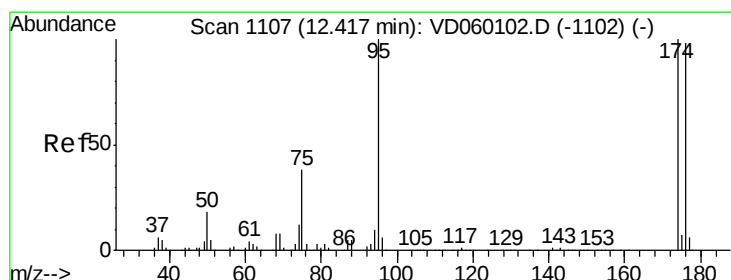
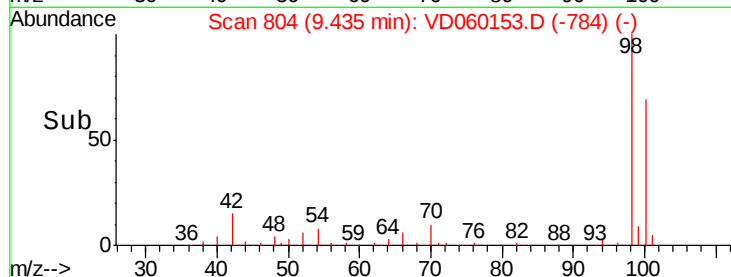
400000

200000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

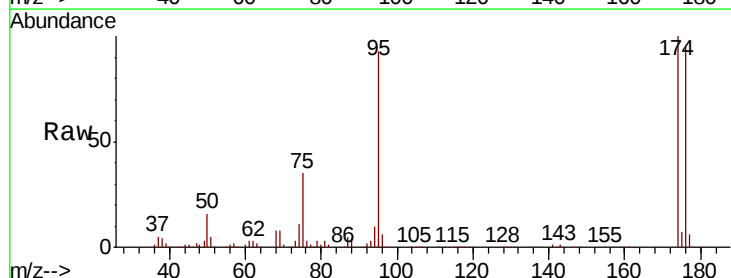
Tgt Ion: 95 Resp: 477383

Ion Ratio Lower Upper

95 100

174 108.0 0.0 200.2

176 102.9 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)

Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)

Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

12.42

400000

300000

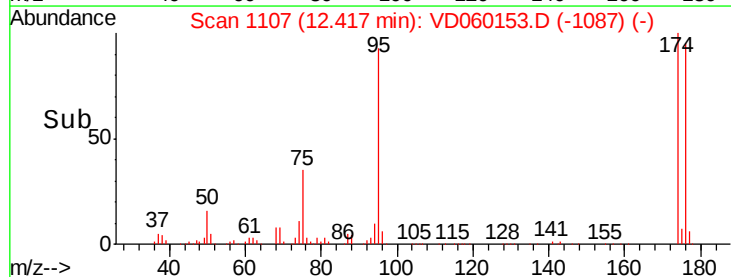
200000

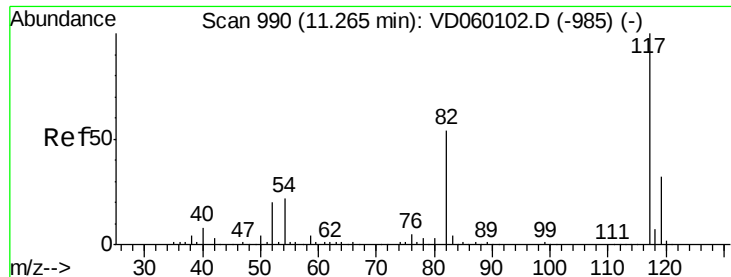
100000

0

12.30 12.40 12.50

Time-->

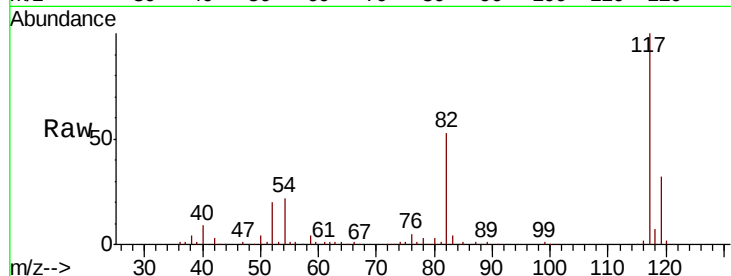




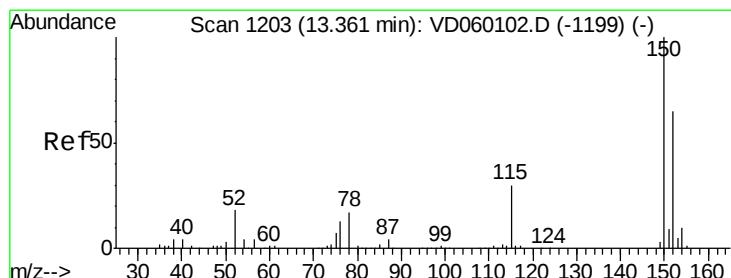
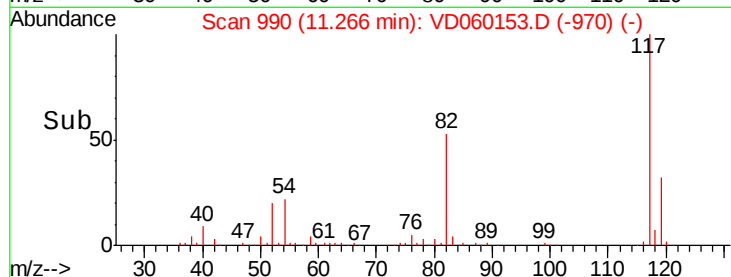
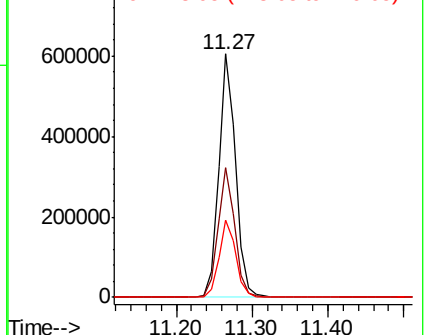
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. 0.00 min
Lab File: VD060153.D
Acq: 9 Oct 2018 16:13

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DEBRI

Tot Ion:117 Resp: 941533
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.2
119 31.8 26.0 39.0

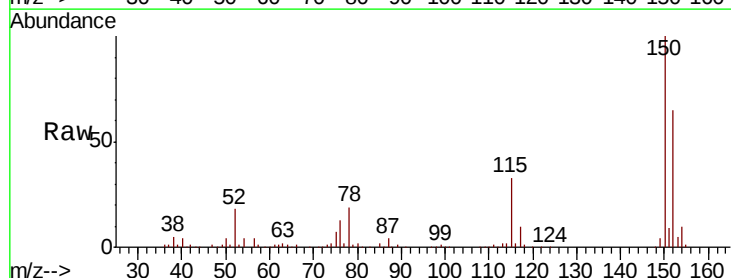


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

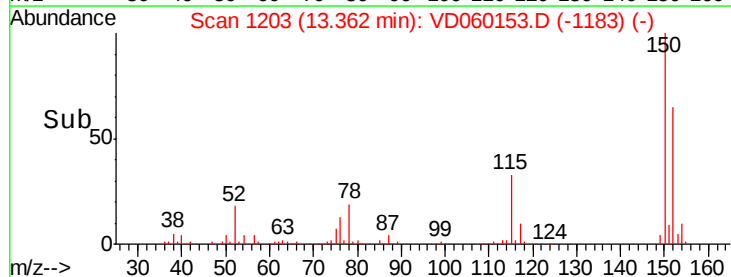
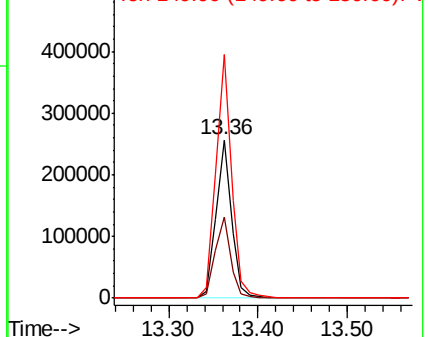


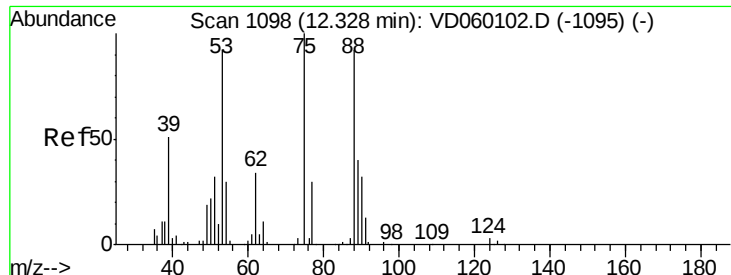
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060153.D
Acq: 9 Oct 2018 16:13

Tgt Ion:152 Resp: 313565
Ion Ratio Lower Upper
152 100
115 51.0 27.1 81.2
150 153.6 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 148.097 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

SOIL-DEBRI

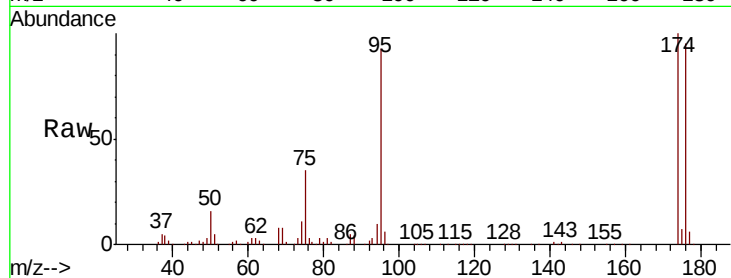
Tot Ion: 75 Resp: 187914

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

