

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000330.D
 Acq On : 15 Mar 2018 15:54
 Operator : JC/MD
 Sample : J1926-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-RBR200029

Quant Time: Mar 16 03:08:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

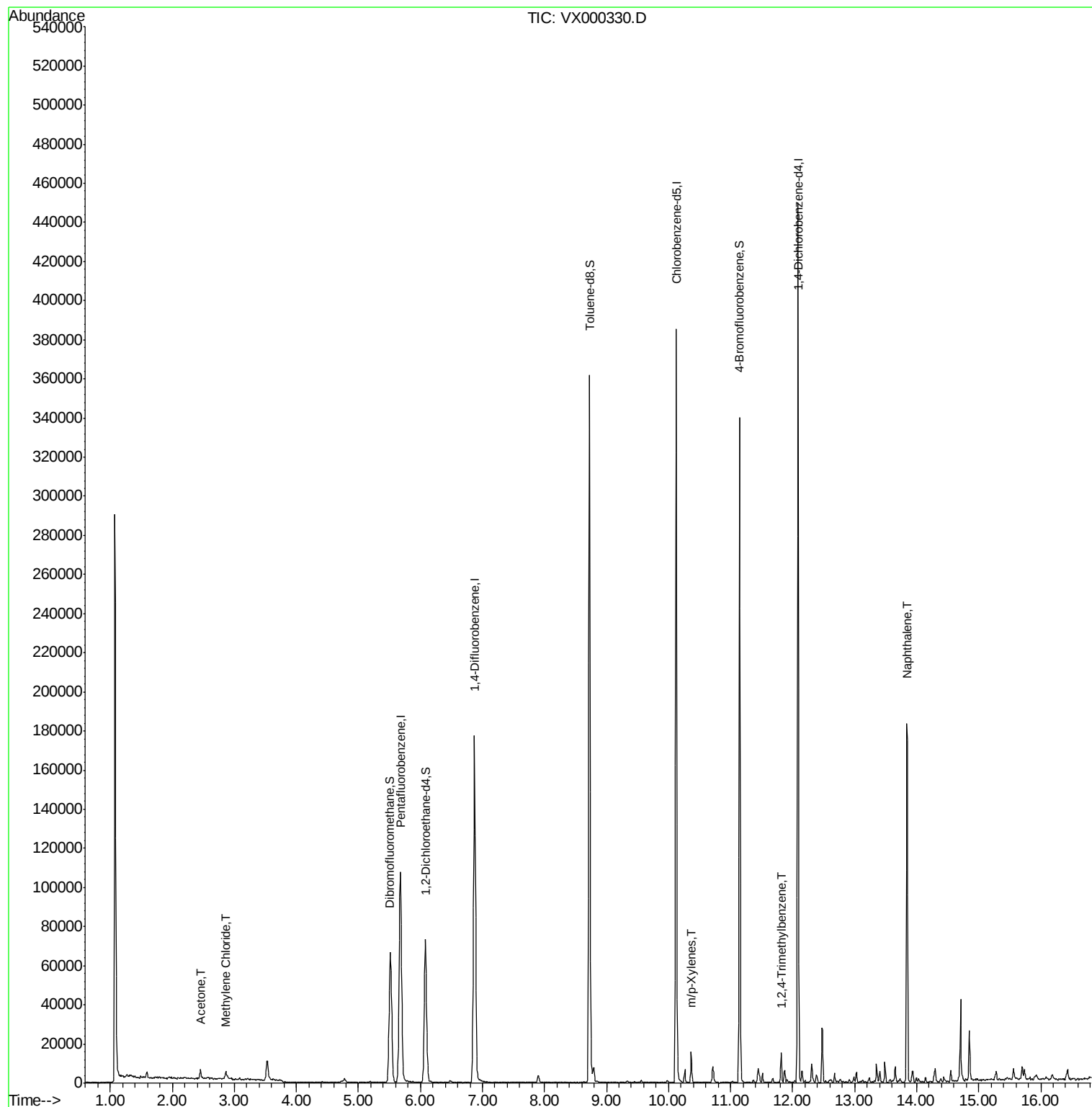
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	105413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	163729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	66705	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	5.51	113	52336	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	8.73	98	215164	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.15	95	74425	40.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.10%	
Target Compounds						
16) Acetone	2.45	43	4457	4.58	ug/l	Qvalue 100
20) Methylene Chloride	2.86	84	1624	1.29	ug/l	89
68) m/p-Xylenes	10.37	106	3510	1.58	ug/l	87
84) 1,2,4-Trimethylbenzene	11.82	105	6080	1.36	ug/l	96
95) Naphthalene	13.85	128	111165	17.52	ug/l	99

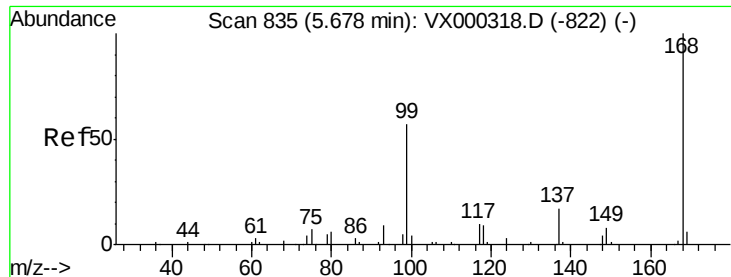
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000330.D

Acq: 15 Mar 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

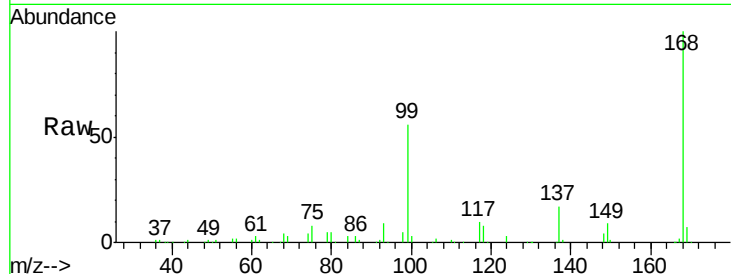
SOIL-RBR200029

Tot Ion:168 Resp: 105413

Ion Ratio Lower Upper

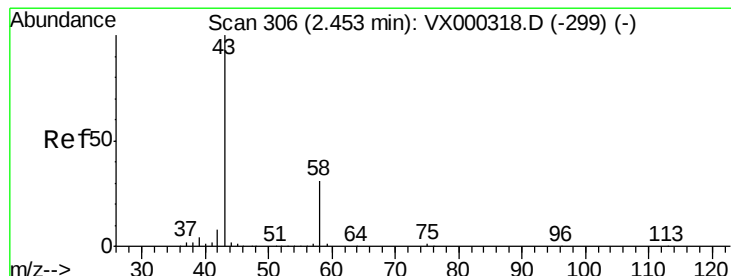
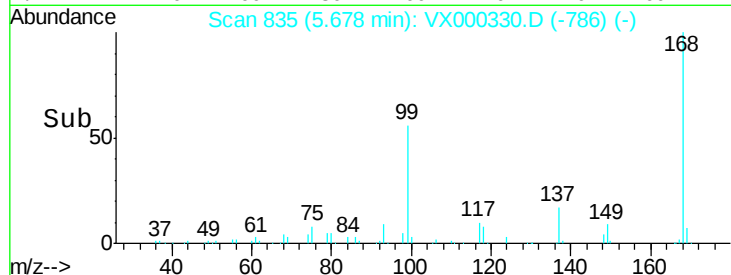
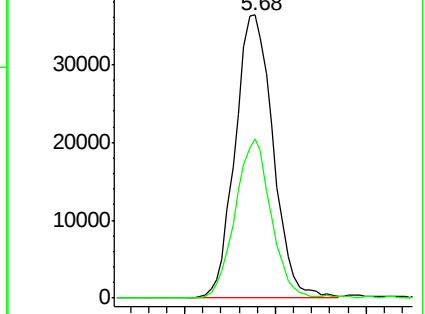
168 100

99 56.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.58 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000330.D

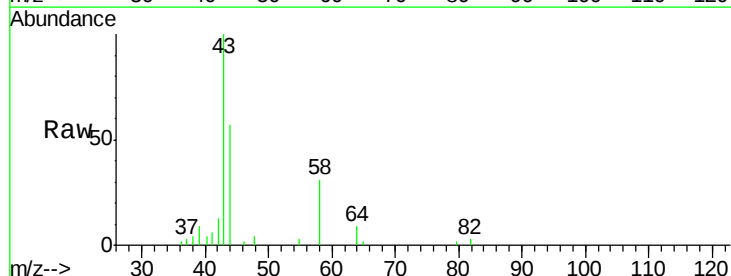
Acq: 15 Mar 2018 15:54

Tgt Ion: 43 Resp: 4457

Ion Ratio Lower Upper

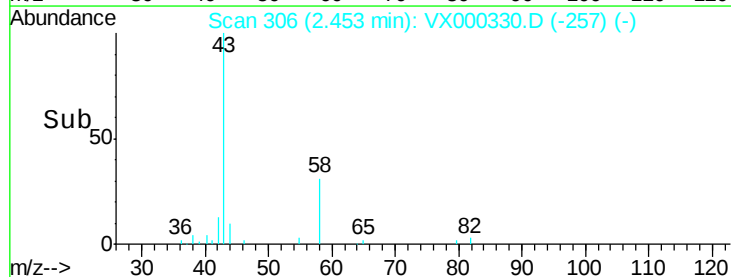
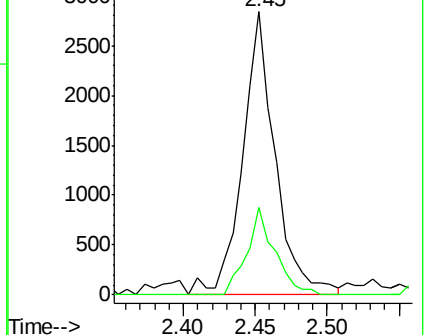
43 100

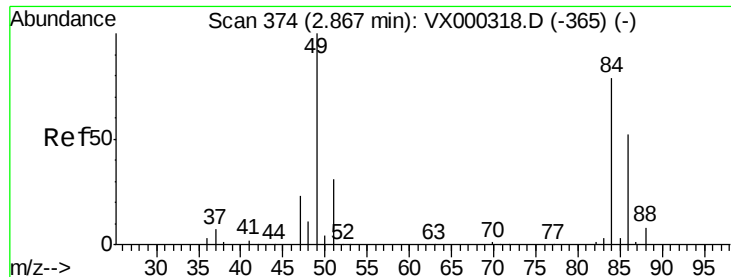
58 30.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

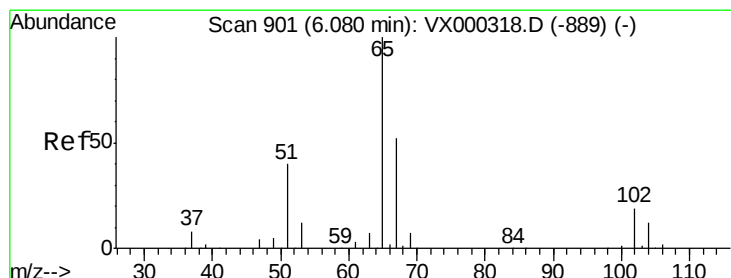
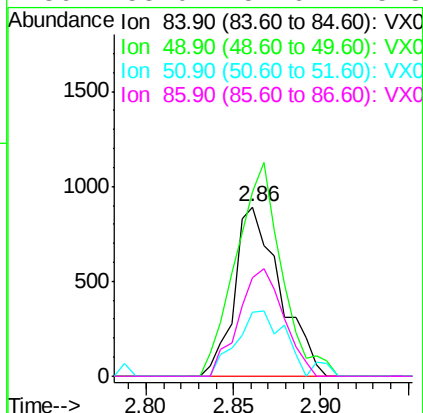
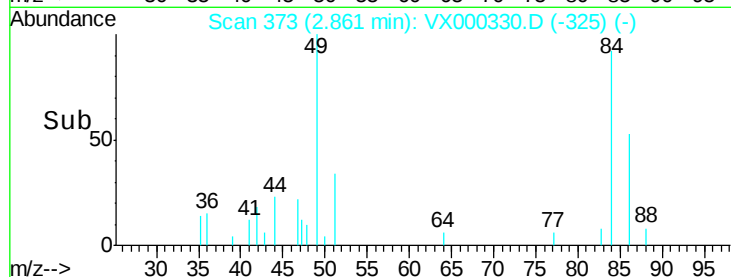
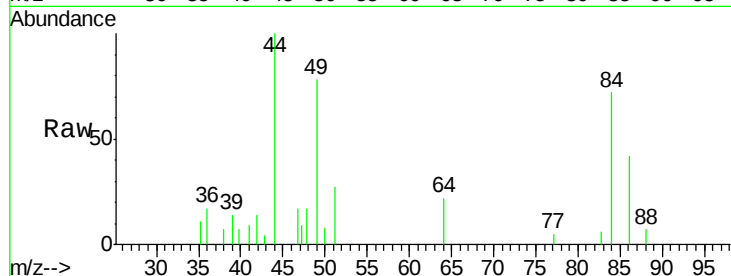




#20
Methylene Chloride
Concen: 1.29 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000330.D
Acq: 15 Mar 2018 15:54

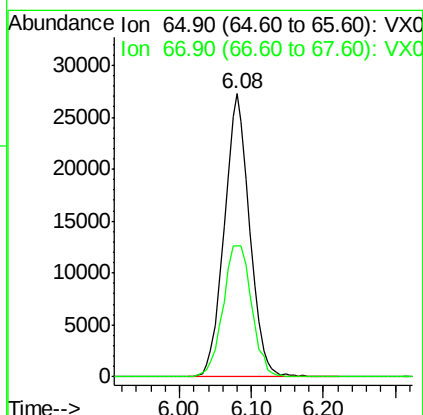
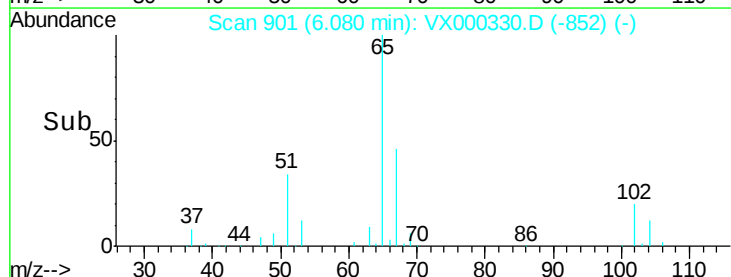
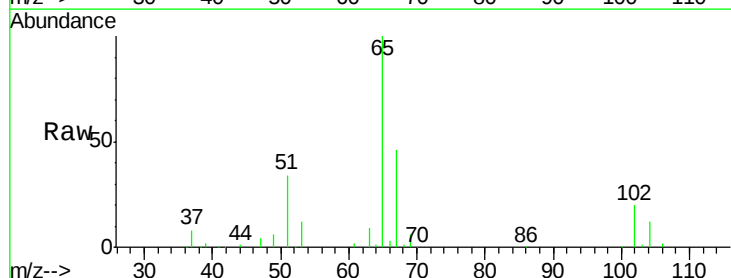
Instrument :
MSVOA_X
ClientSampled :
SOIL-RBR200029

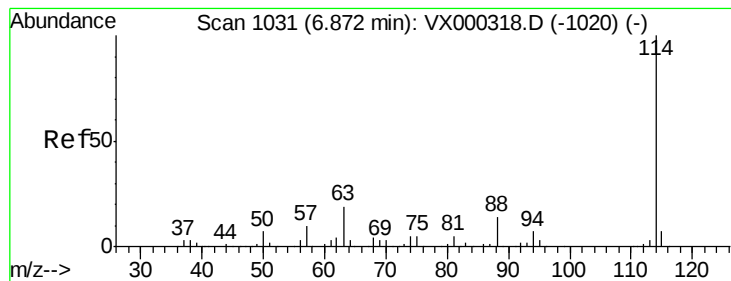
Tot Ion: 84 Resp: 1624
Ion Ratio Lower Upper
84 100
49 108.7 100.6 151.0
51 37.4 31.6 47.4
86 58.0 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 45.74 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000330.D
Acq: 15 Mar 2018 15:54

Tgt Ion: 65 Resp: 66705
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000330.D

Acq: 15 Mar 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

SOIL-RBR200029

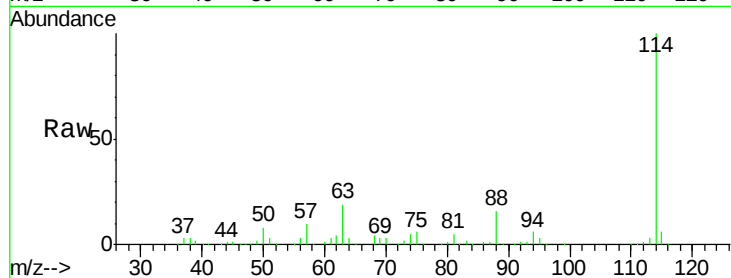
Tot Ion:114 Resp: 173907

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

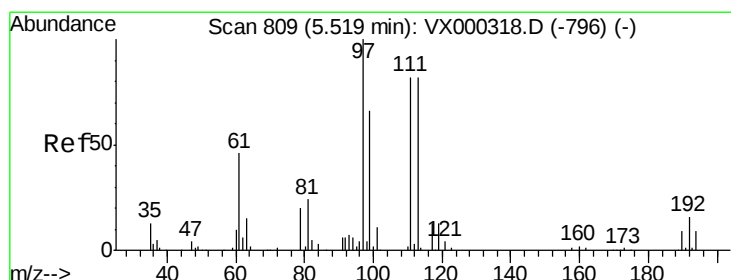
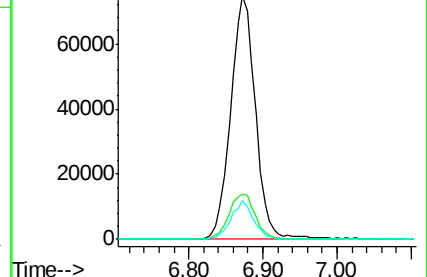
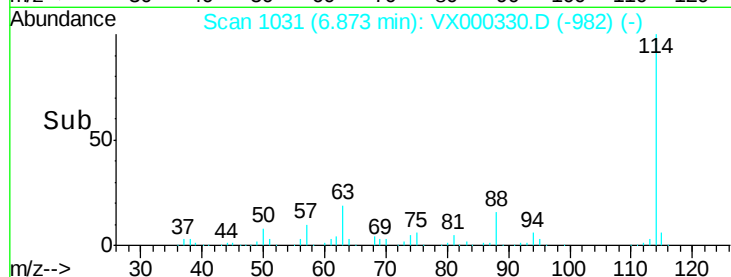
88 15.8 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.70 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000330.D

Acq: 15 Mar 2018 15:54

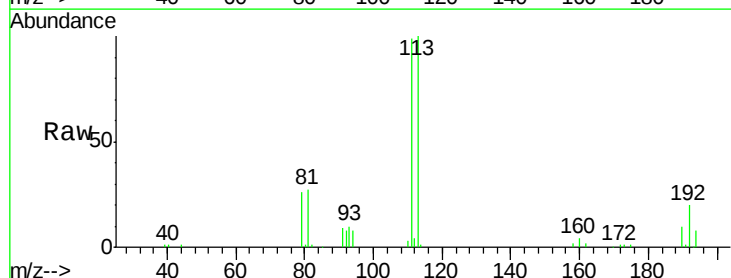
Tgt Ion:113 Resp: 52336

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

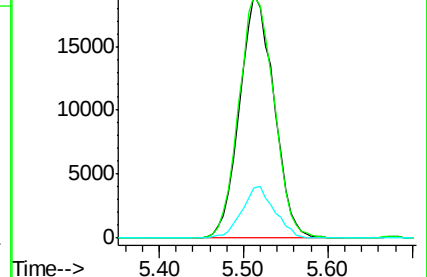
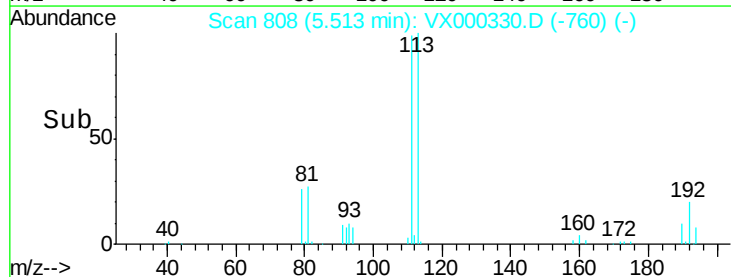
192 20.0 15.8 23.6

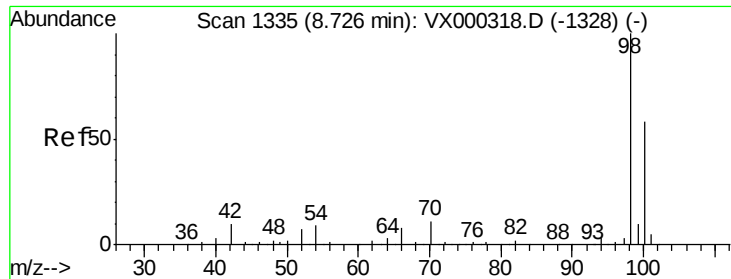


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.01 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000330.D

Acq: 15 Mar 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

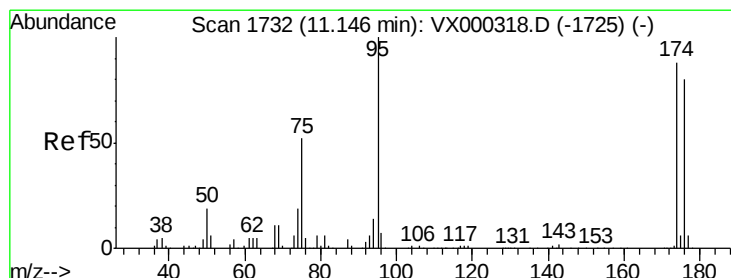
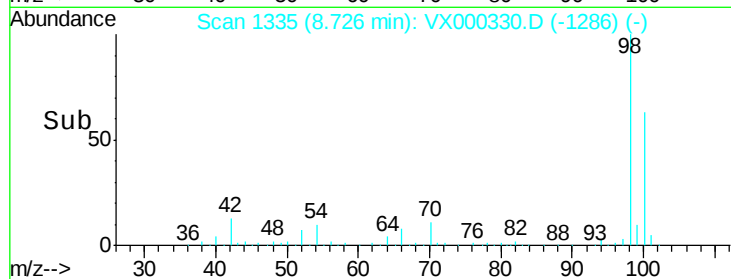
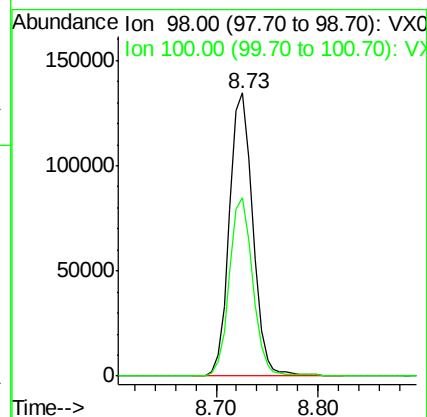
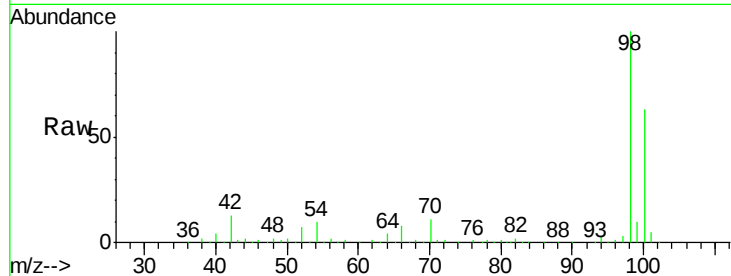
SOIL-RBR200029

Tot Ion: 98 Resp: 215164

Ion Ratio Lower Upper

98 100

100 62.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 40.55 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000330.D

Acq: 15 Mar 2018 15:54

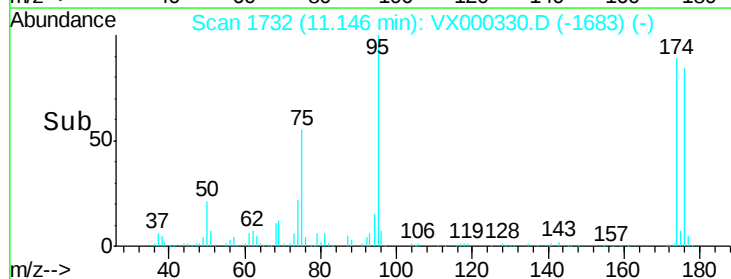
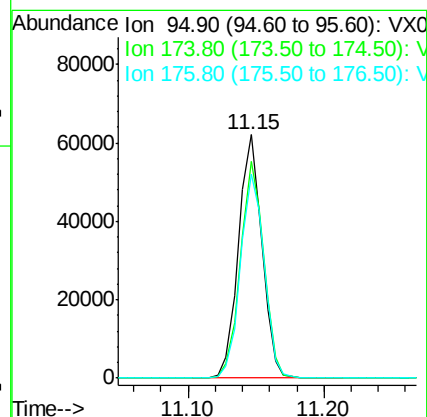
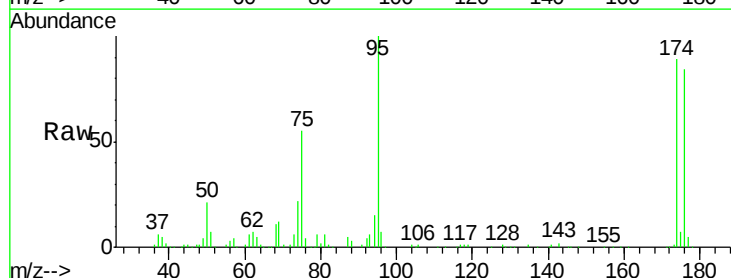
Tgt Ion: 95 Resp: 74425

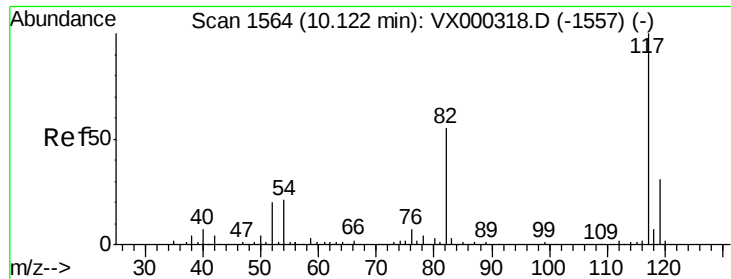
Ion Ratio Lower Upper

95 100

174 88.5 0.0 173.6

176 85.0 0.0 164.6

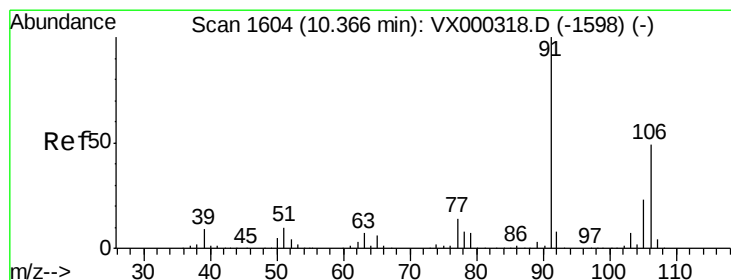
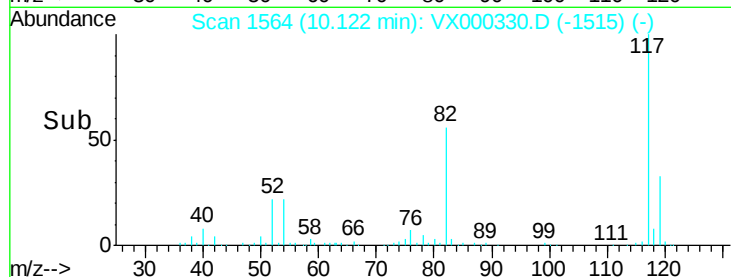
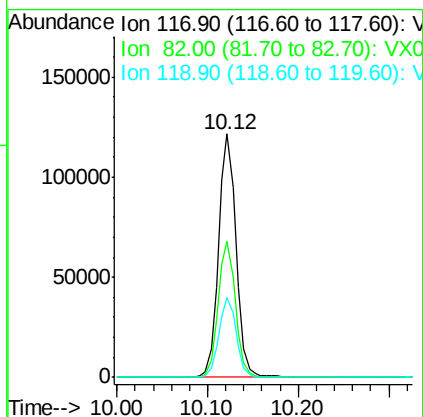
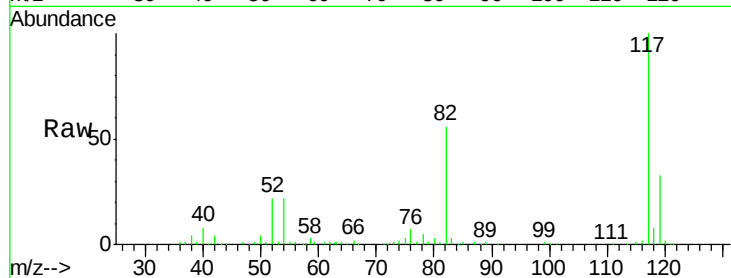




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000330.D
Acq: 15 Mar 2018 15:54

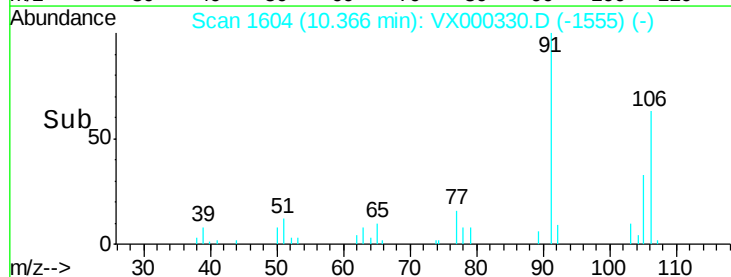
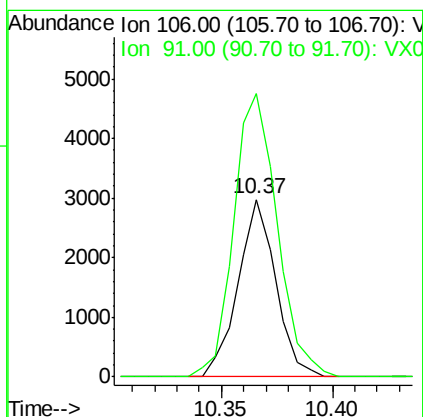
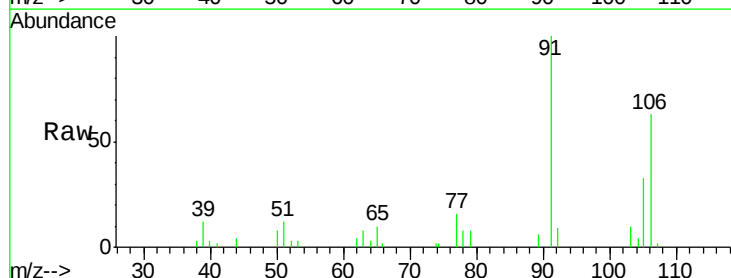
Instrument :
MSVOA_X
ClientSampleId :
SOIL-RBR200029

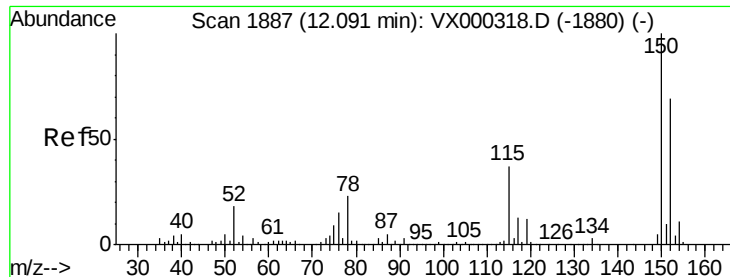
Tot Ion:117 Resp: 163729
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.7 24.9 37.3



#68
m/p-Xylenes
Concen: 1.58 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000330.D
Acq: 15 Mar 2018 15:54

Tgt Ion:106 Resp: 3510
Ion Ratio Lower Upper
106 100
91 183.8 163.4 245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000330.D

Acq: 15 Mar 2018 15:54

Instrument :

MSVOA_X

ClientSampled :

SOIL-RBR200029

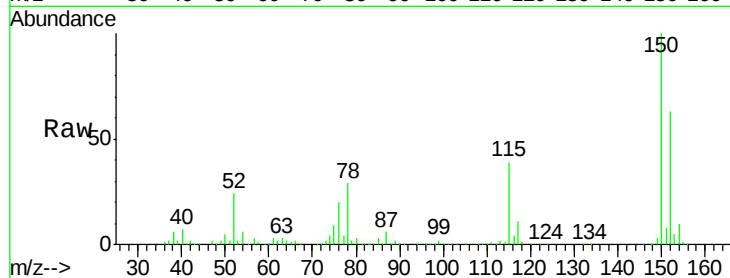
Tot Ion:152 Resp: 84462

Ion Ratio Lower Upper

152 100

115 59.2 39.8 119.3

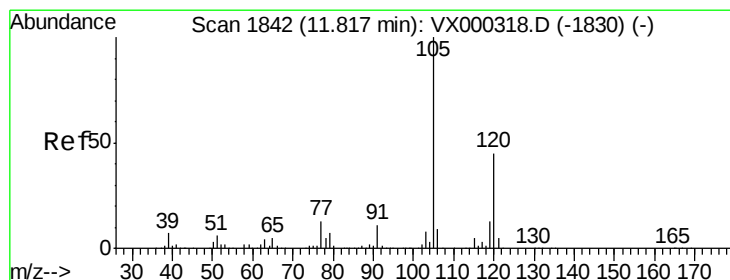
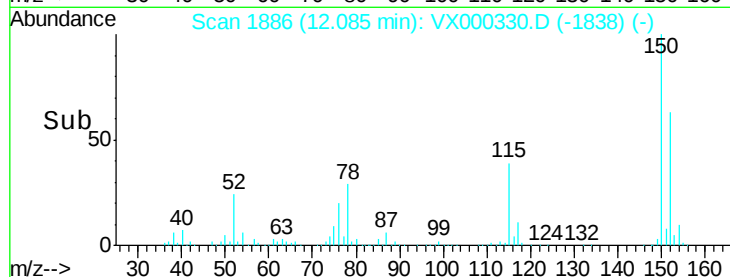
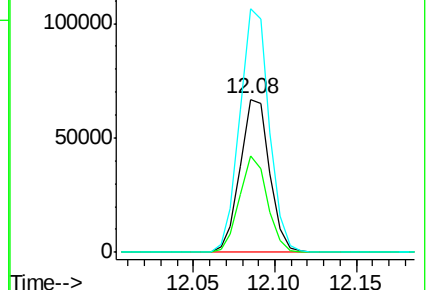
150 158.3 0.0 344.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.36 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000330.D

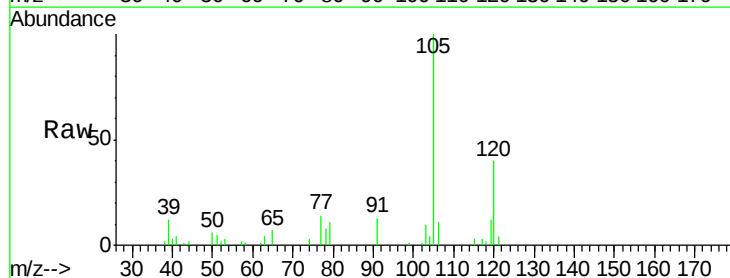
Acq: 15 Mar 2018 15:54

Tgt Ion:105 Resp: 6080

Ion Ratio Lower Upper

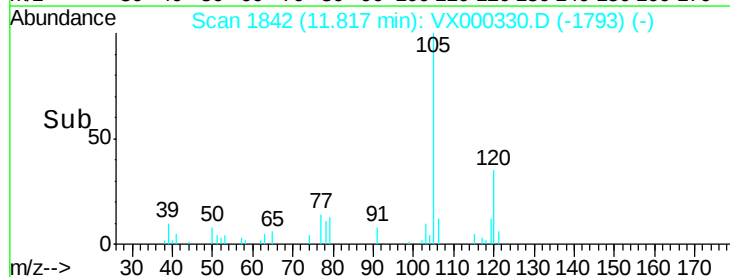
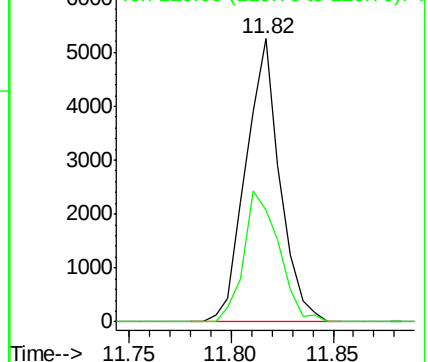
105 100

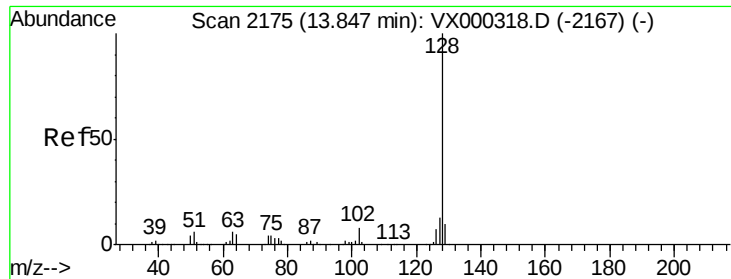
120 47.6 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

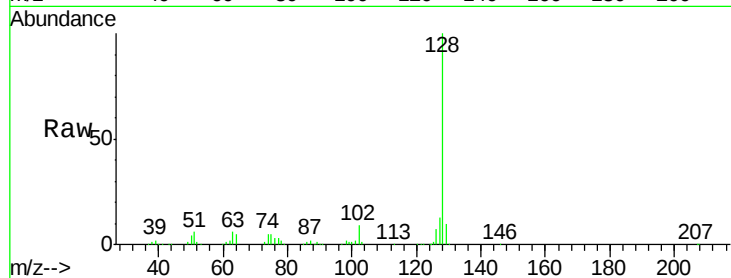




#95
Naphthalene
Concen: 17.52 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.00 min
Lab File: VX000330.D
Acq: 15 Mar 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
SOIL-RBR200029

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

