

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010442.D
 Acq On : 18 May 2019 06:22
 Operator : SY/VA
 Sample : K2922-05
 Misc : 4.79G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-COMP-2

Quant Time: May 20 05:54:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 18 01:59:40 2019
 Response via : Initial Calibration

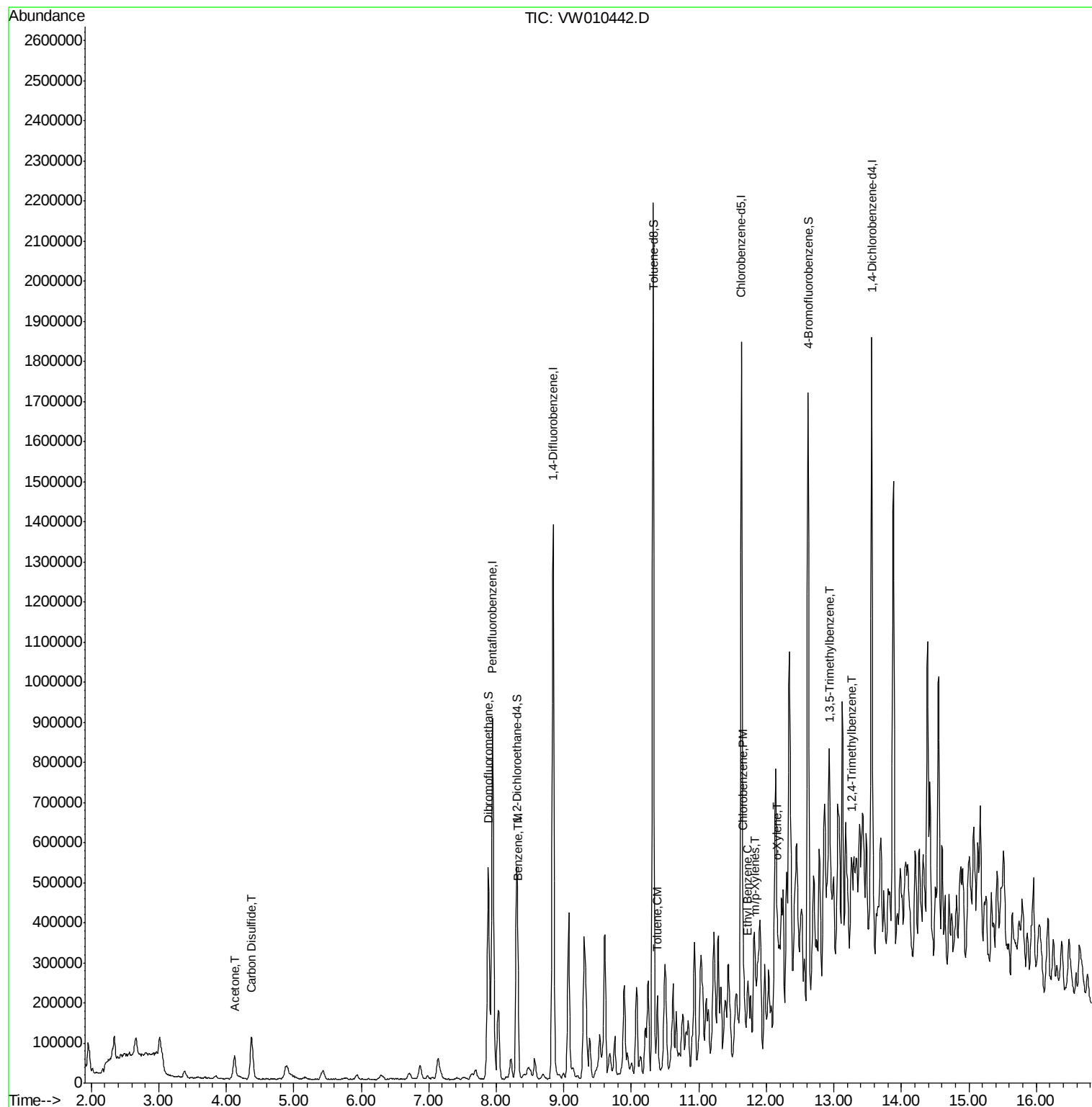
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	629471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1186345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	996643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	410611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	404801	58.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.28%	
35) Dibromofluoromethane	7.88	113	383970	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
50) Toluene-d8	10.32	98	1437596	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.62	95	522099	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
Target Compounds						
16) Acetone	4.12	43	101832	83.739	ug/l	99
17) Carbon Disulfide	4.38	76	216189	12.060	ug/l	97
40) Benzene	8.32	78	41110	1.372	ug/l	97
52) Toluene	10.39	92	84183	4.229	ug/l	98
65) Chlorobenzene	11.66	112	29570	1.461	ug/l	96
67) Ethyl Benzene	11.73	91	42931	1.204	ug/l	96
68) m/p-Xylenes	11.84	106	31146	2.232	ug/l	90
69) o-Xylene	12.16	106	34145	2.567	ug/l	90
80) 1,3,5-Trimethylbenzene	12.94	105	28869	1.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	76161	2.864	ug/l	100

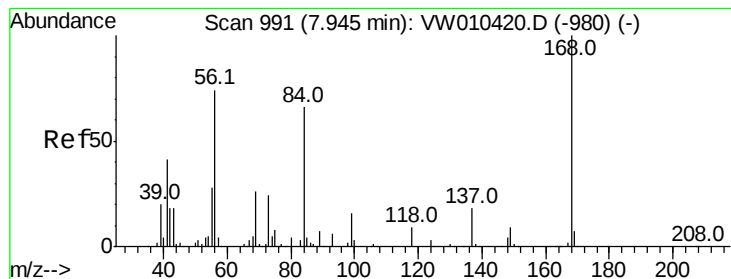
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051719\
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Quant Time: May 20 05:54:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Sat May 18 01:59:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

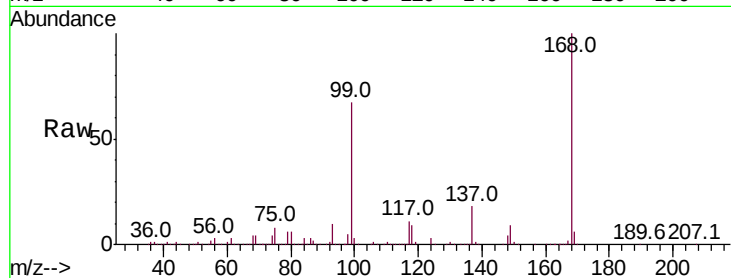
SOIL-COMP-2

Tot Ion:168 Resp: 629471

Ion Ratio Lower Upper

168 100

99 66.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

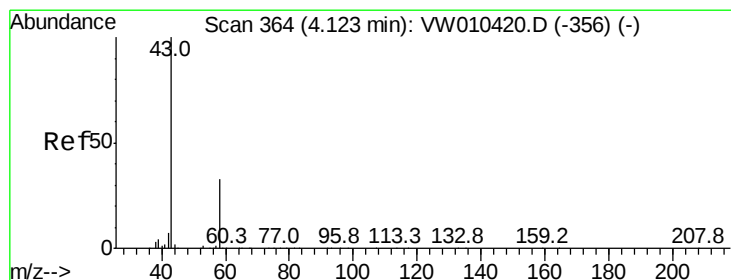
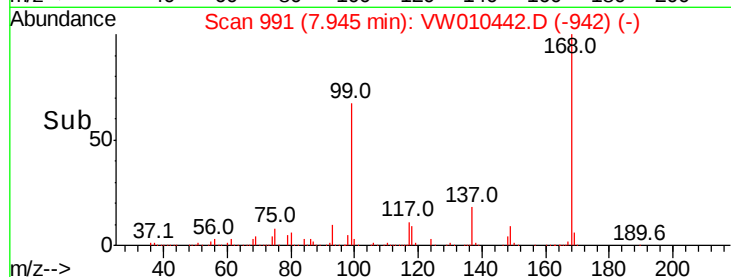
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 83.739 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010442.D

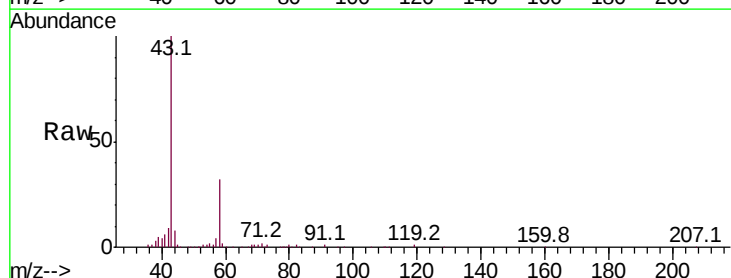
Acq: 18 May 2019 06:22

Tgt Ion: 43 Resp: 101832

Ion Ratio Lower Upper

43 100

58 32.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

40000

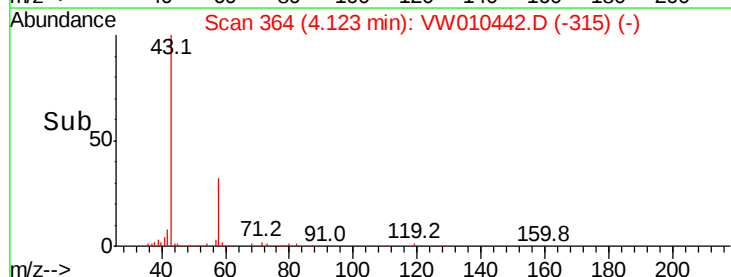
30000

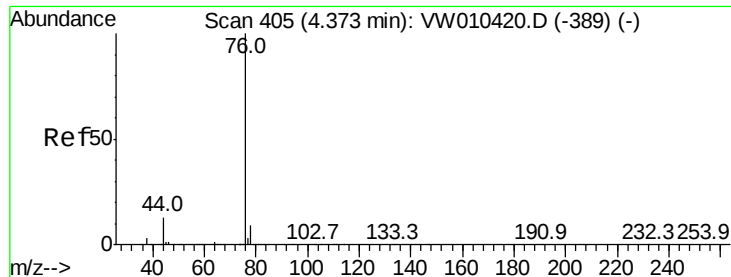
20000

10000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 12.060 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

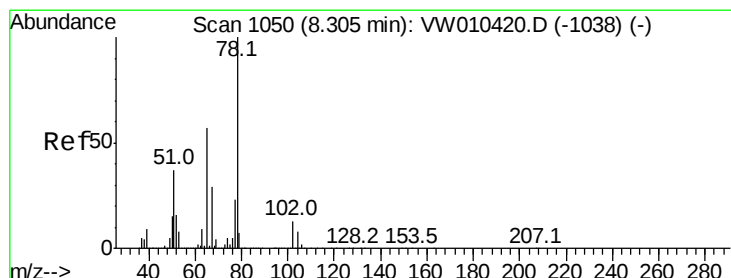
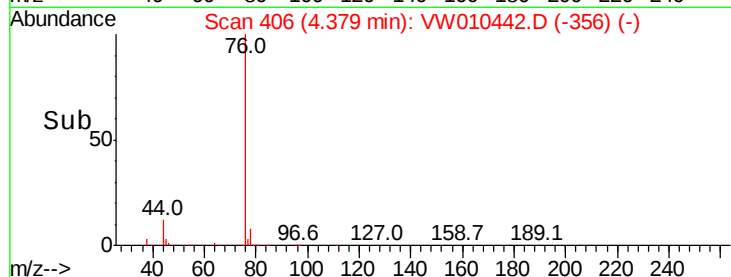
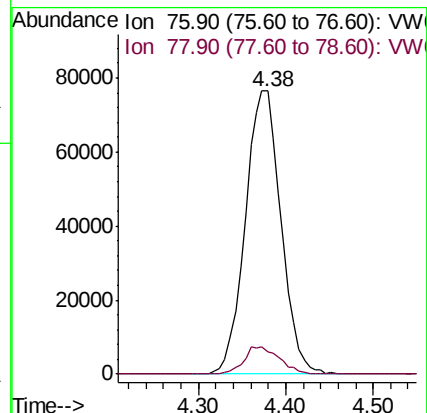
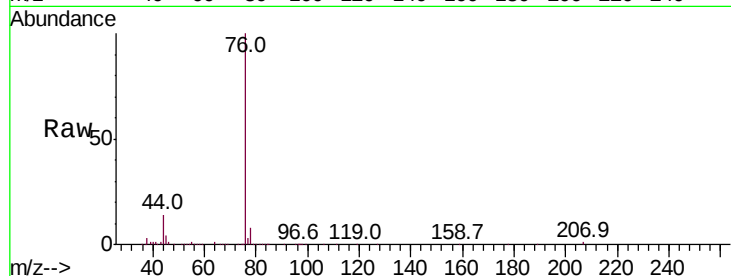
SOIL-COMP-2

Tot Ion: 76 Resp: 216189

Ion Ratio Lower Upper

76 100

78 7.6 7.1 10.7



#33

1,2-Dichloroethane-d4

Concen: 58.637 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010442.D

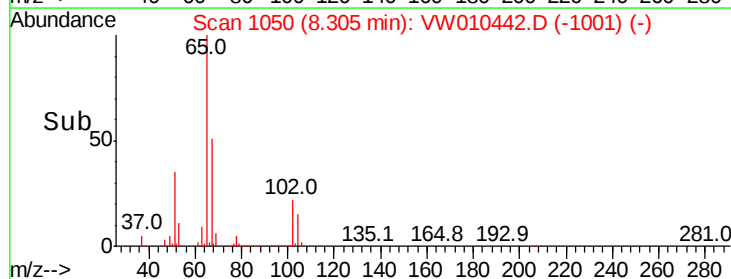
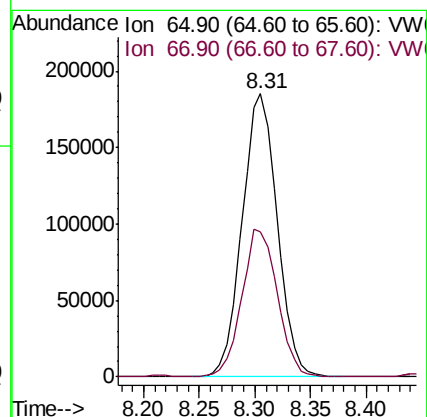
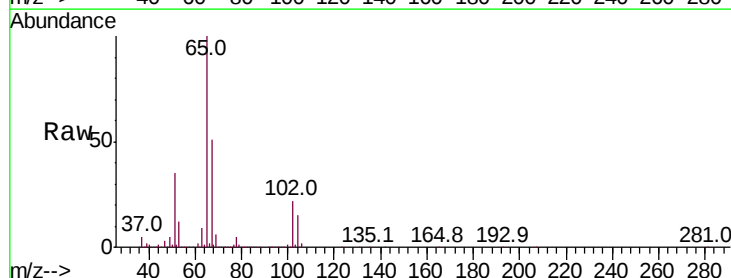
Acq: 18 May 2019 06:22

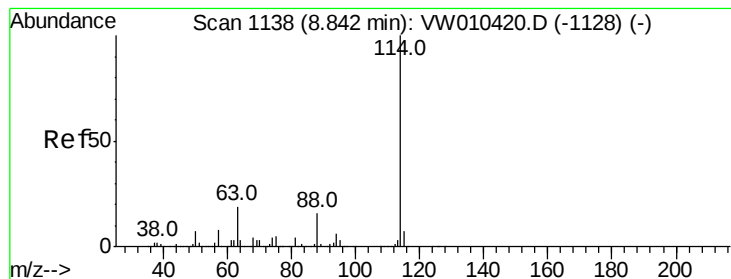
Tgt Ion: 65 Resp: 404801

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SOIL-COMP-2

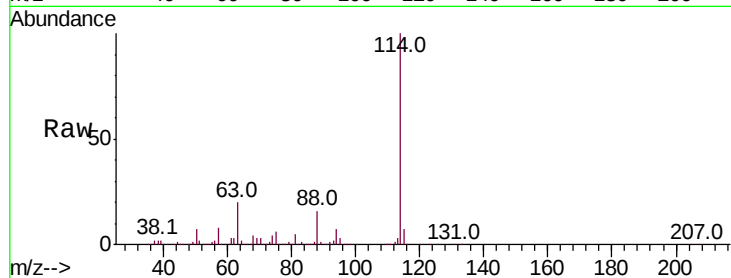
Tot Ion:114 Resp: 1186345

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

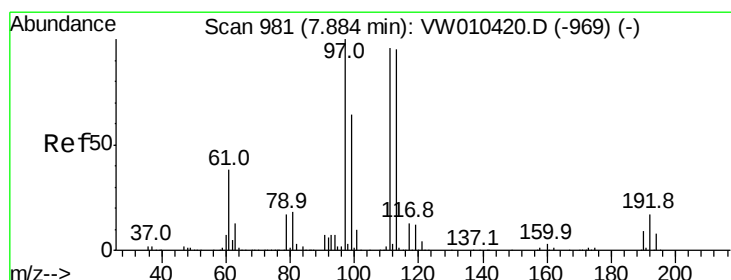
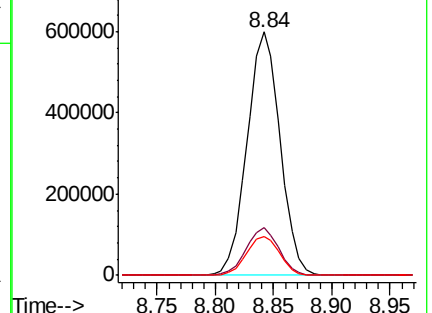
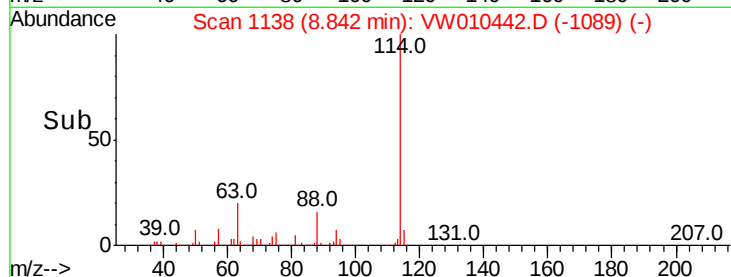
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.404 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

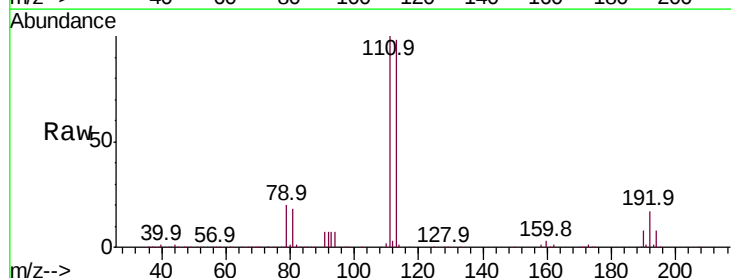
Tgt Ion:113 Resp: 383970

Ion Ratio Lower Upper

113 100

111 103.0 82.5 123.7

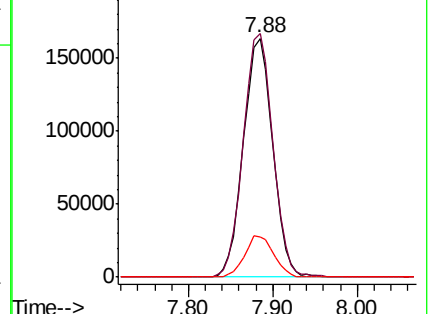
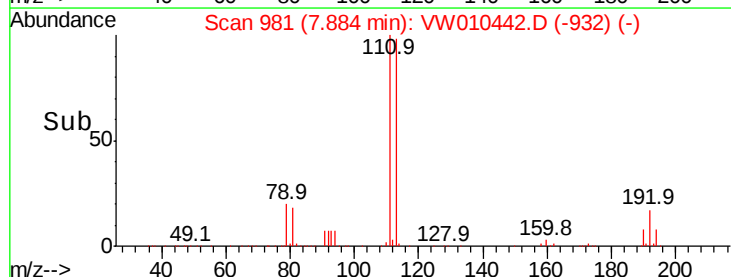
192 17.2 14.2 21.4

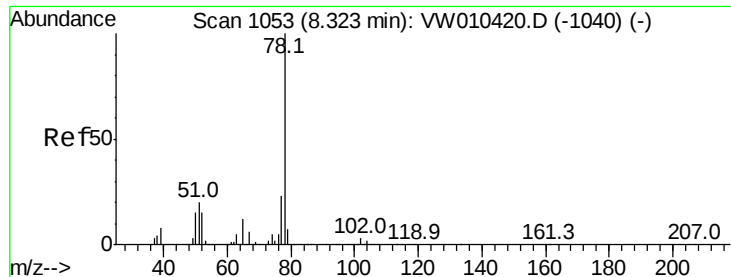


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.372 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

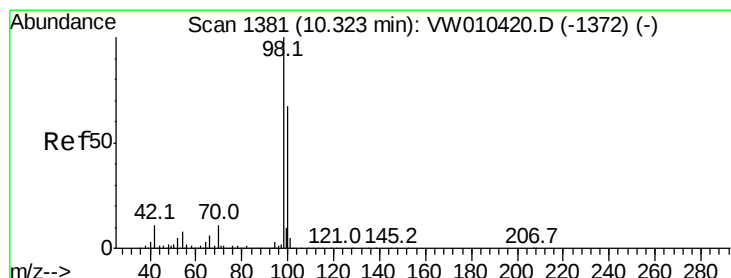
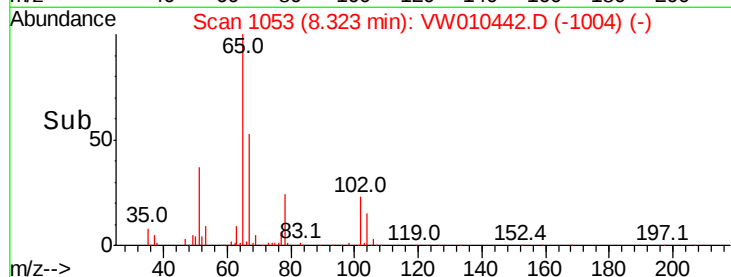
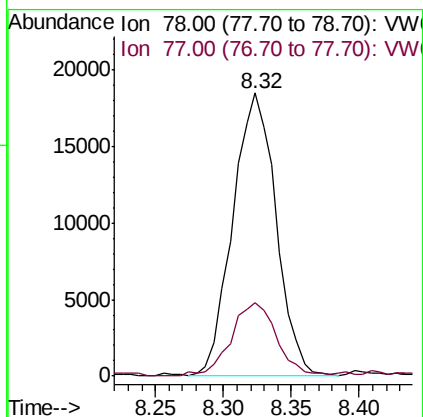
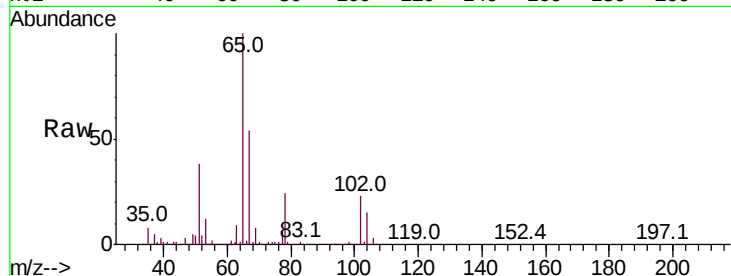
SOIL-COMP-2

Tot Ion: 78 Resp: 41110

Ion Ratio Lower Upper

78 100

77 24.9 18.7 28.1



#50

Toluene-d8

Concen: 52.613 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010442.D

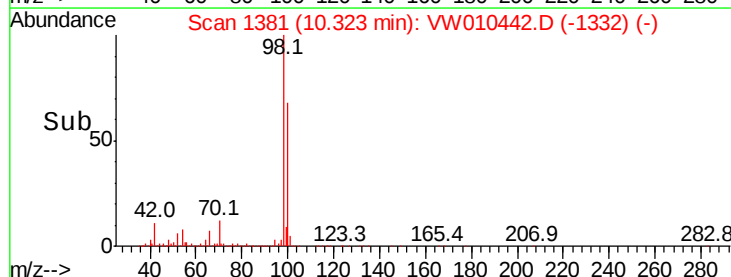
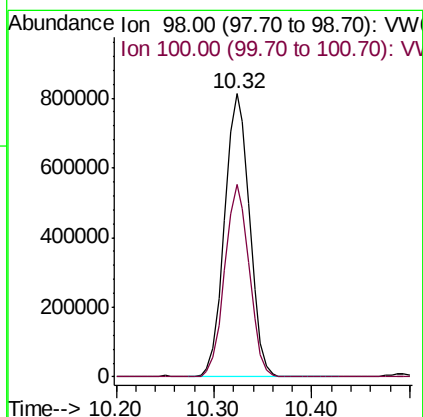
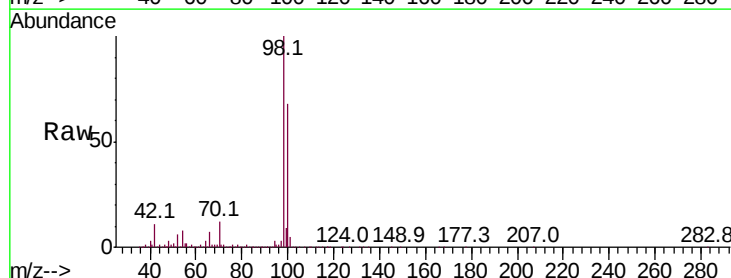
Acq: 18 May 2019 06:22

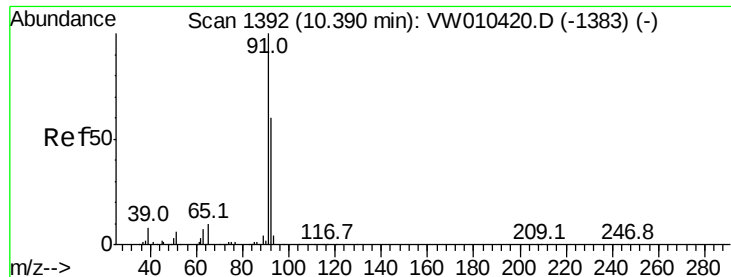
Tgt Ion: 98 Resp: 1437596

Ion Ratio Lower Upper

98 100

100 66.8 53.3 79.9





#52

Toluene

Concen: 4.229 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

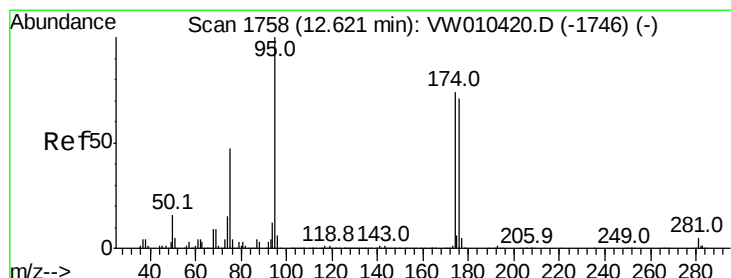
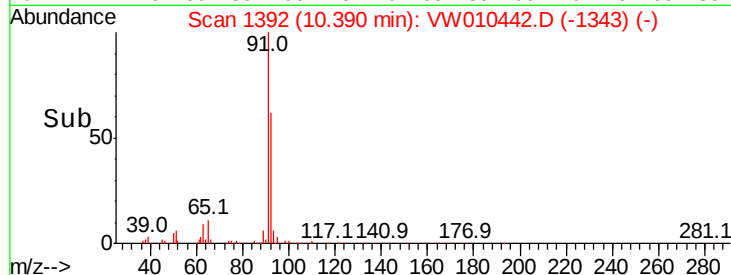
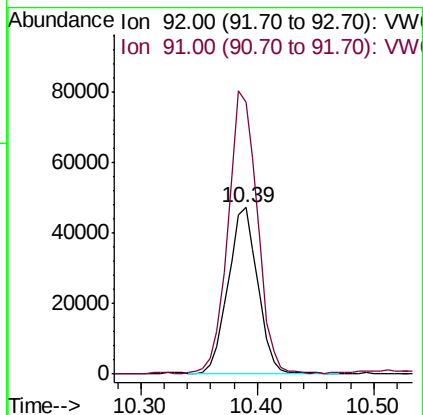
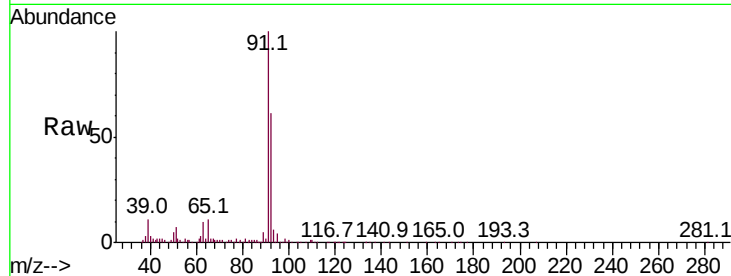
SOIL-COMP-2

Tot Ion: 92 Resp: 84183

Ion Ratio Lower Upper

92 100

91 165.8 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 48.669 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

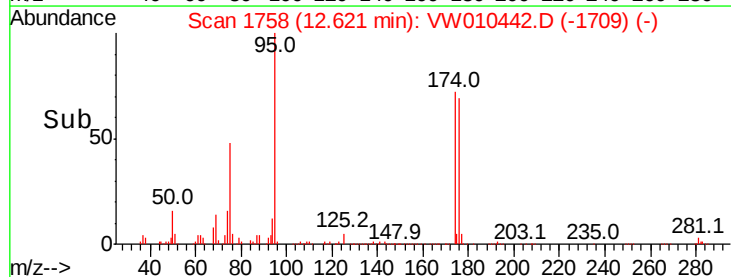
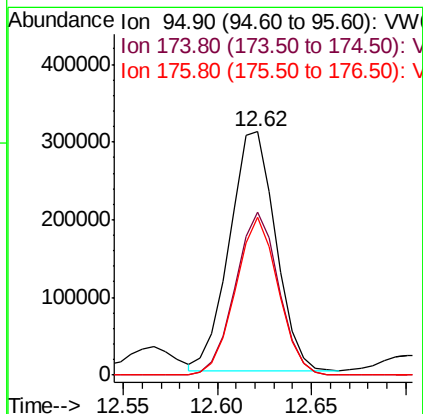
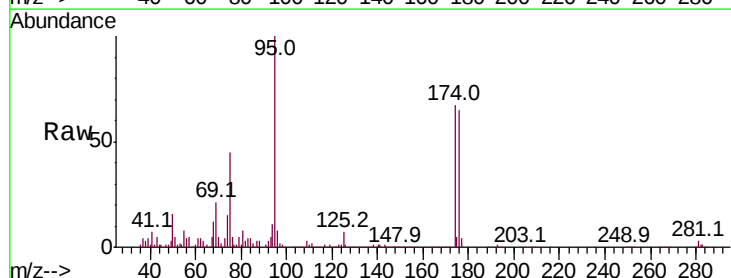
Tgt Ion: 95 Resp: 522099

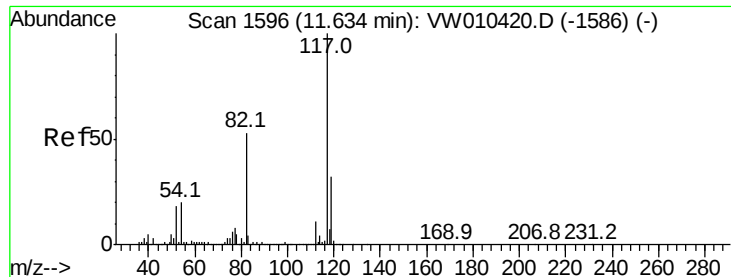
Ion Ratio Lower Upper

95 100

174 64.4 0.0 146.6

176 61.5 0.0 141.4

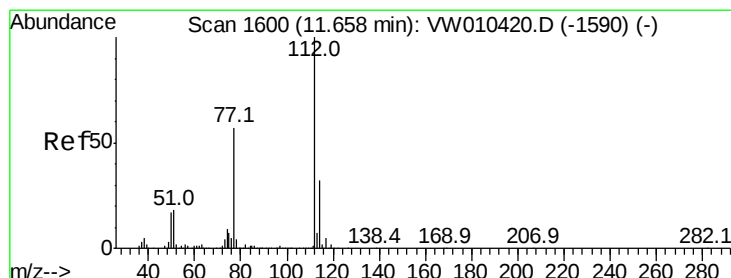
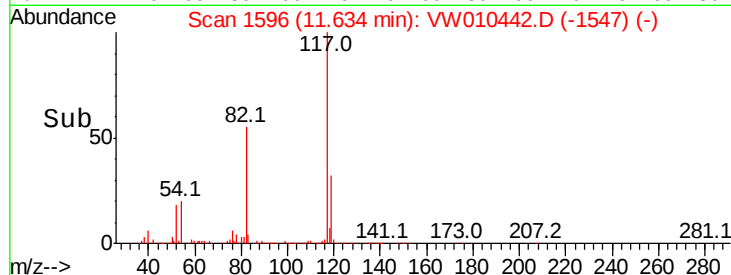
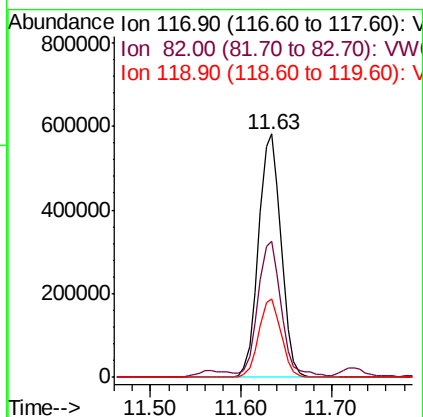
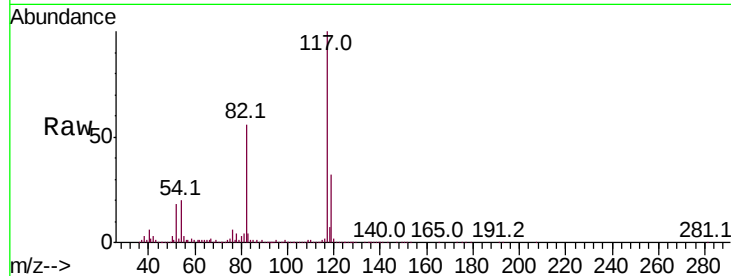




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010442.D
Acq: 18 May 2019 06:22

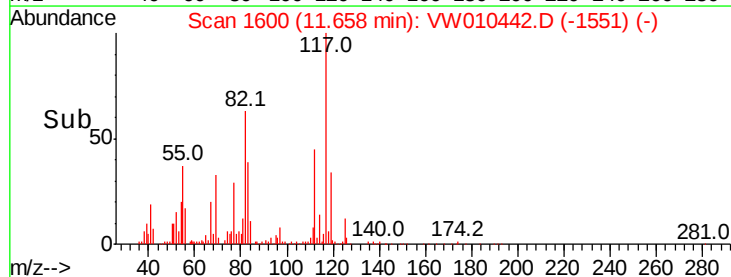
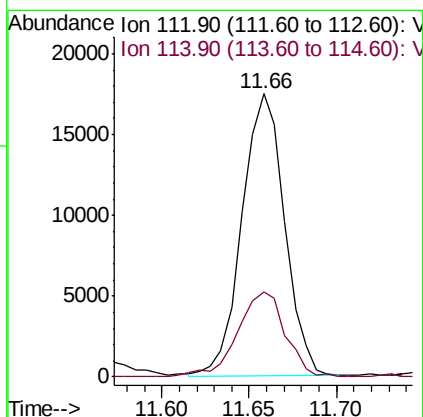
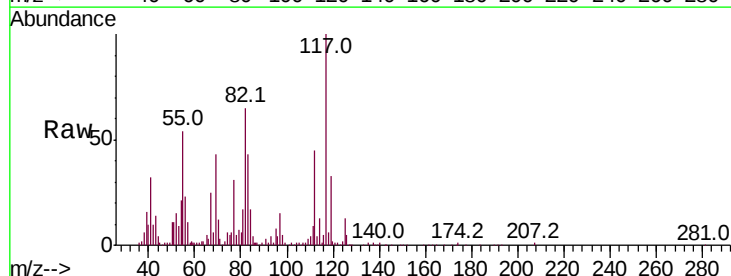
Instrument :
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SOIL-COMP-2

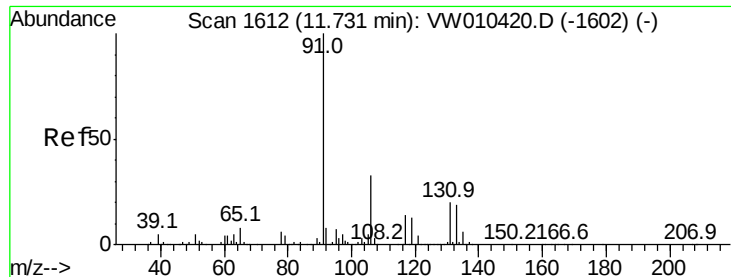
Tot Ion:117 Resp: 996643
Ion Ratio Lower Upper
117 100
82 55.0 42.1 63.1
119 32.2 25.6 38.4



#65
Chlorobenzene
Concen: 1.461 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010442.D
Acq: 18 May 2019 06:22

Tgt Ion:112 Resp: 29570
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.6





#67

Ethyl Benzene

Concen: 1.204 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

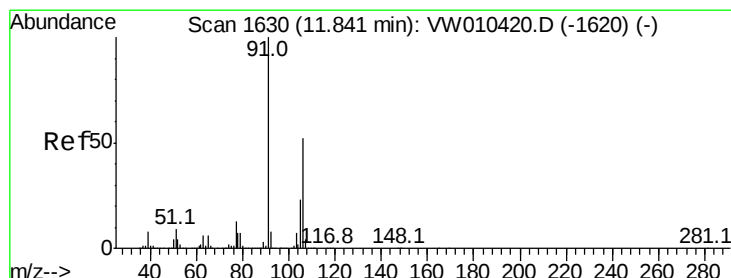
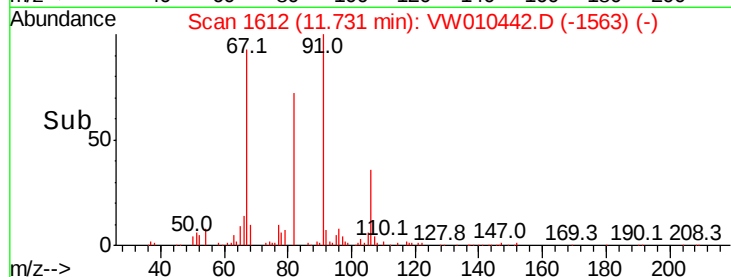
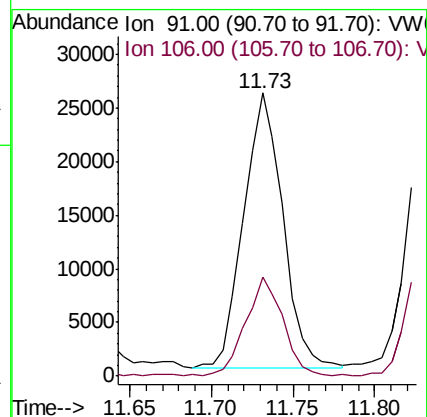
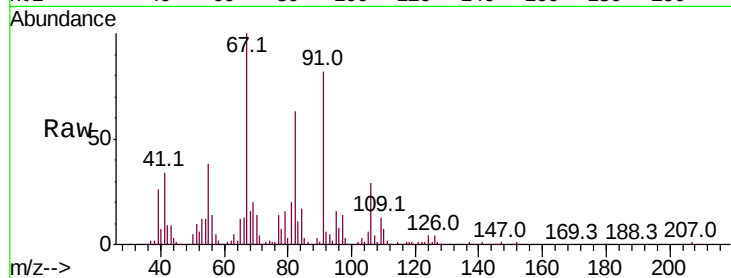
SOIL-COMP-2

Tot Ion: 91 Resp: 42931

Ion Ratio Lower Upper

91 100

106 35.4 26.5 39.7



#68

m/p-Xylenes

Concen: 2.232 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010442.D

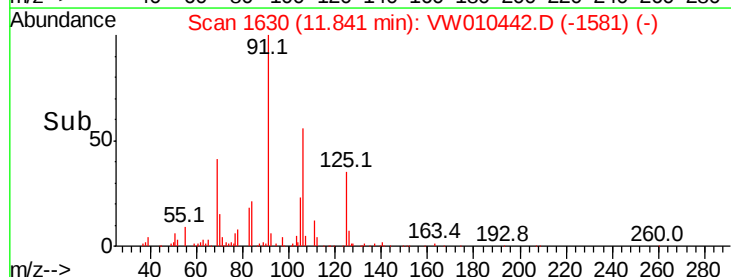
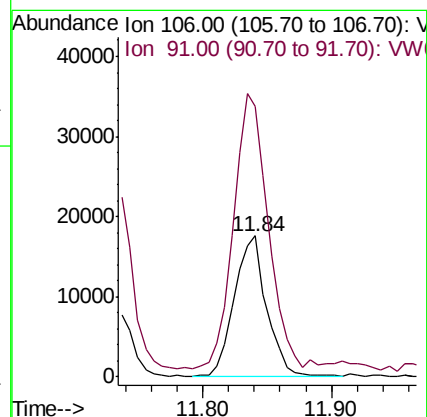
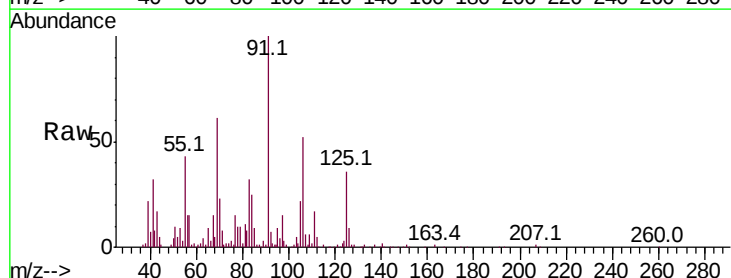
Acq: 18 May 2019 06:22

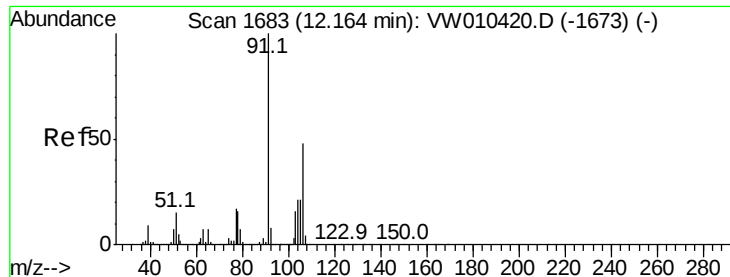
Tgt Ion:106 Resp: 31146

Ion Ratio Lower Upper

106 100

91 210.1 156.2 234.2

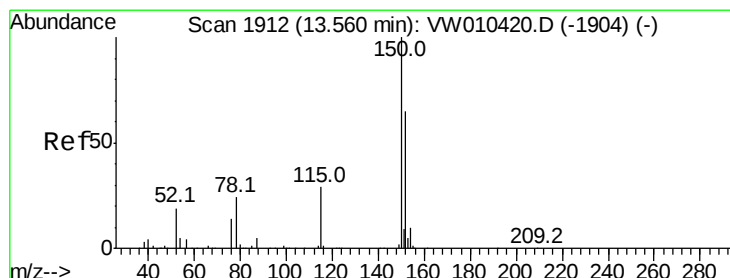
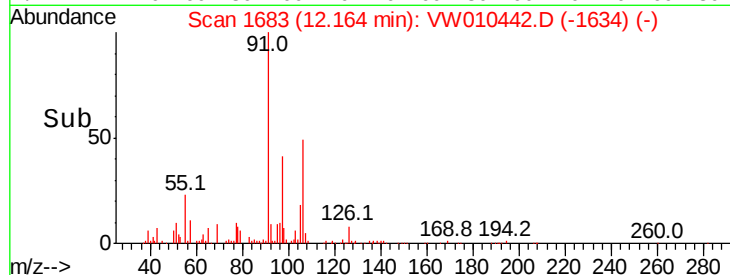
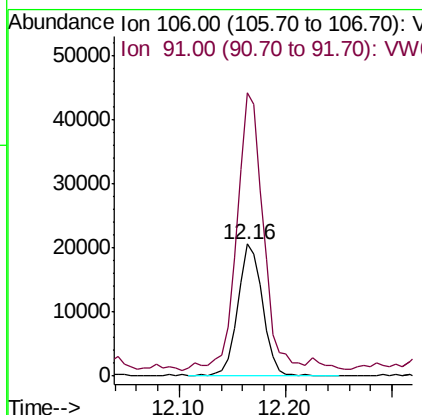
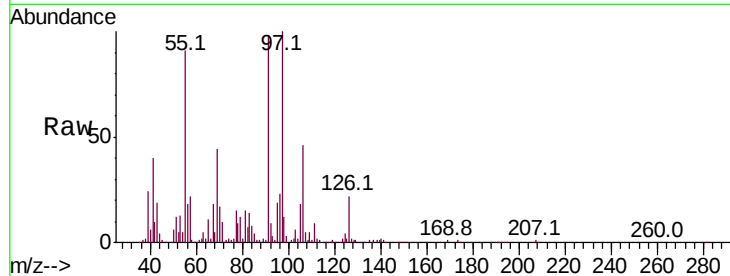




#69
o-Xylene
Concen: 2.567 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010442.D
Acq: 18 May 2019 06:22

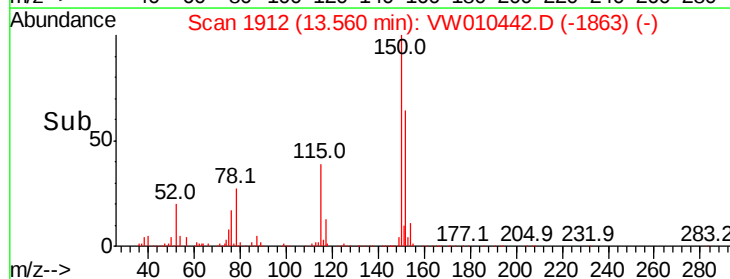
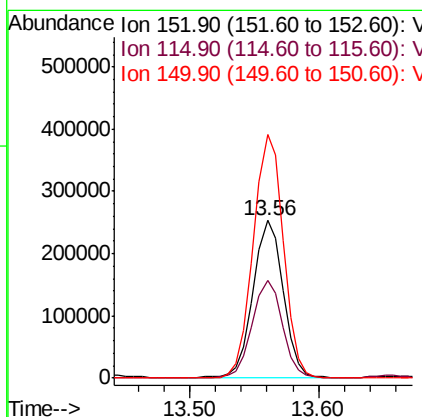
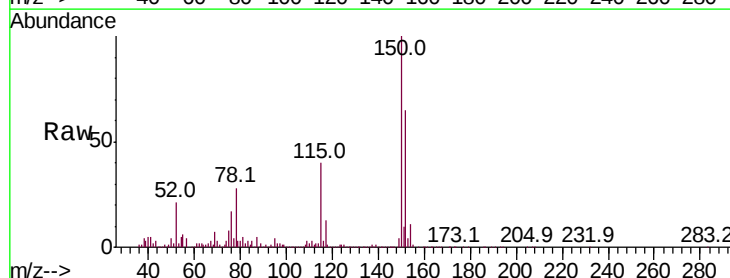
Instrument :
MSVOA_W
ClientSampleId :
SOIL-COMP-2

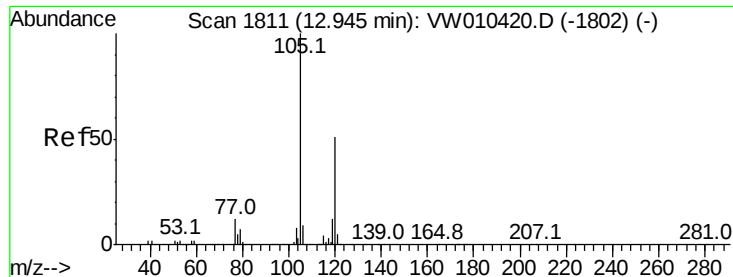
Tot Ion:106 Resp: 34145
Ion Ratio Lower Upper
106 100
91 221.0 102.5 307.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010442.D
Acq: 18 May 2019 06:22

Tgt Ion:152 Resp: 410611
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.1
150 152.4 0.0 350.2





#80

1,3,5-Trimethylbenzene

Concen: 1.068 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

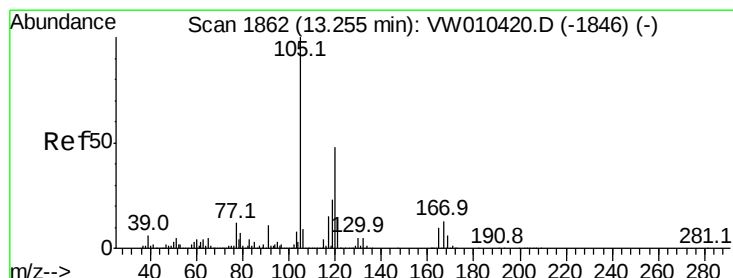
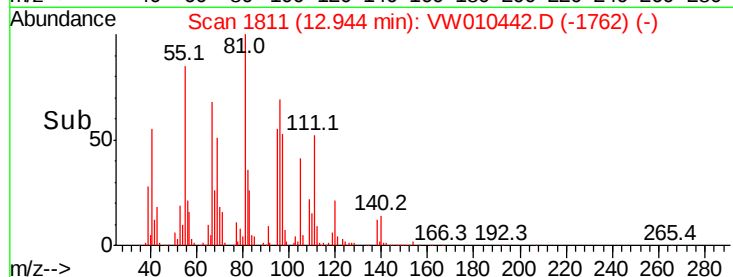
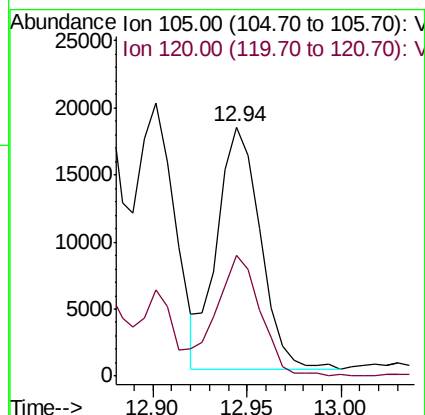
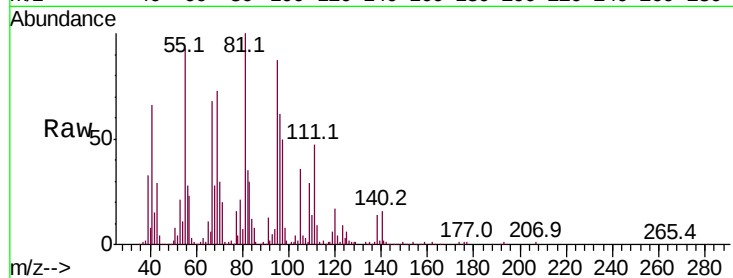
SOIL-COMP-2

Tot Ion:105 Resp: 28869

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2



#84

1,2,4-Trimethylbenzene

Concen: 2.864 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW010442.D

Acq: 18 May 2019 06:22

Tgt Ion:105 Resp: 76161

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0

