

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014610.D
 Acq On : 10 Jan 2020 19:55
 Operator : SY/VA
 Sample : L1091-01
 Misc : 4.8G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GRAVEL-SOIL

Quant Time: Jan 11 04:45:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

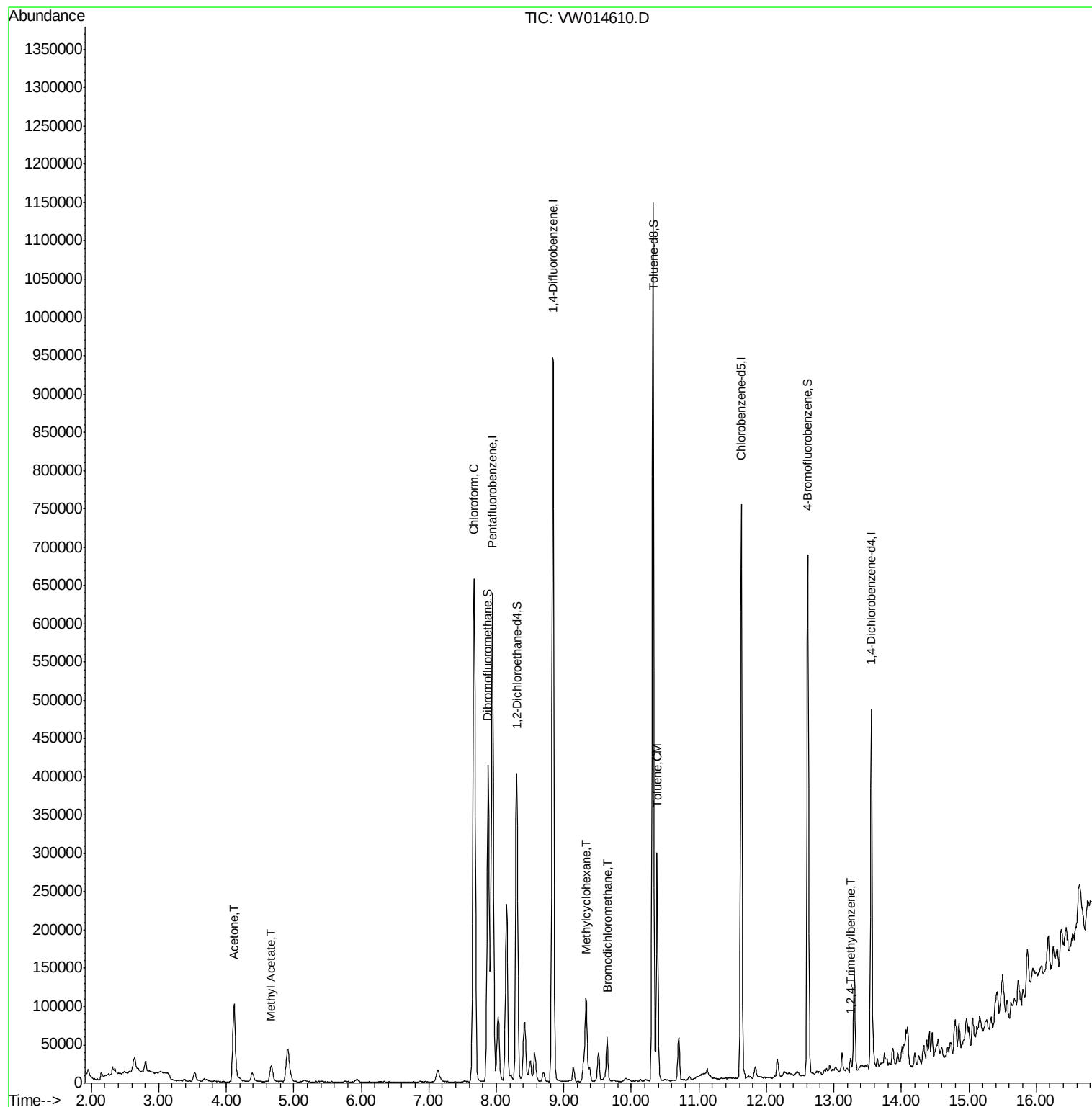
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	513060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	841303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	436722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	318580	71.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.04%	
35) Dibromofluoromethane	7.88	113	306385	63.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.44%	
50) Toluene-d8	10.32	98	782166	38.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.96%	
62) 4-Bromofluorobenzene	12.62	95	210413	30.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.84%	
Target Compounds						
16) Acetone	4.12	43	178824	141.181	ug/l	98
18) Methyl Acetate	4.67	43	42115	13.767	ug/l	97
30) Chloroform	7.67	83	649603	75.408	ug/l	99
39) Methylcyclohexane	9.33	83	43982	4.226	ug/l	89
47) Bromodichloromethane	9.64	83	39796	5.798	ug/l	99
52) Toluene	10.38	92	129349	8.960	ug/l	99
84) 1,2,4-Trimethylbenzene	13.24	105	10505	1.308	ug/l	96

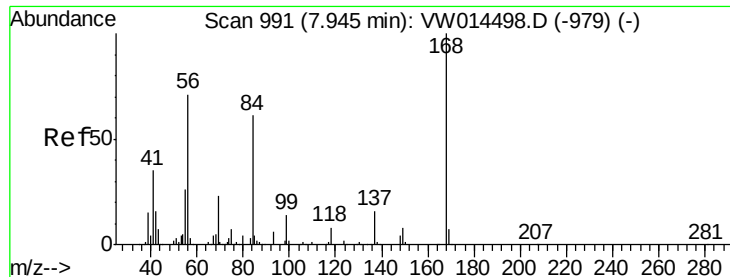
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011020\
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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
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: VW014610.D

Acq: 10 Jan 2020 19:55

Instrument :

MSVOA_W

ClientSampleId :

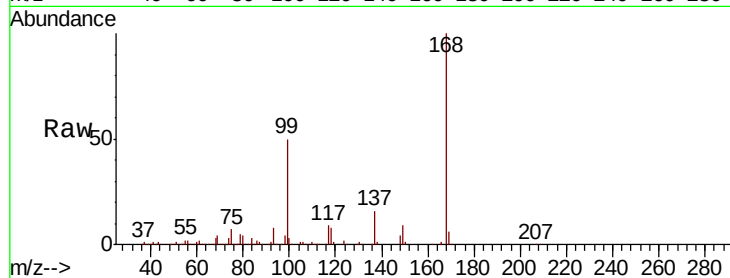
GRAVEL-SOIL

Tot Ion:168 Resp: 513060

Ion Ratio Lower Upper

168 100

99 50.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

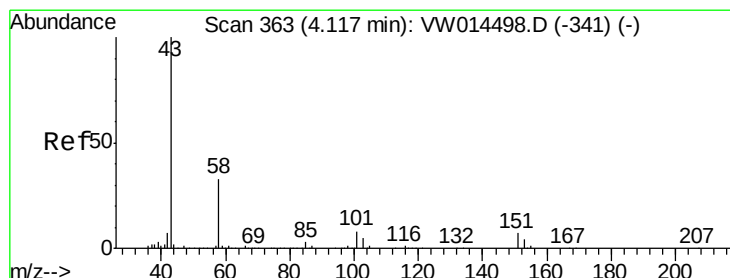
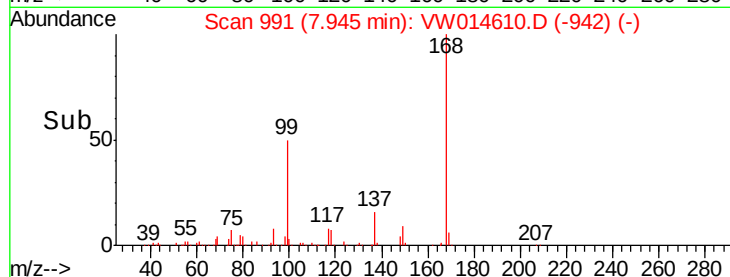
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 141.181 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014610.D

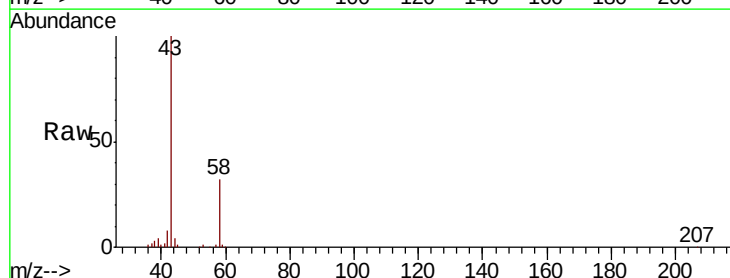
Acq: 10 Jan 2020 19:55

Tgt Ion: 43 Resp: 178824

Ion Ratio Lower Upper

43 100

58 32.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

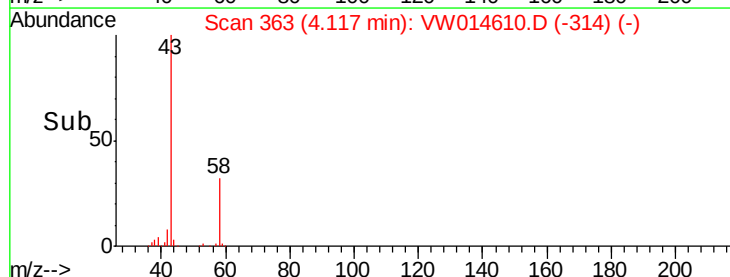
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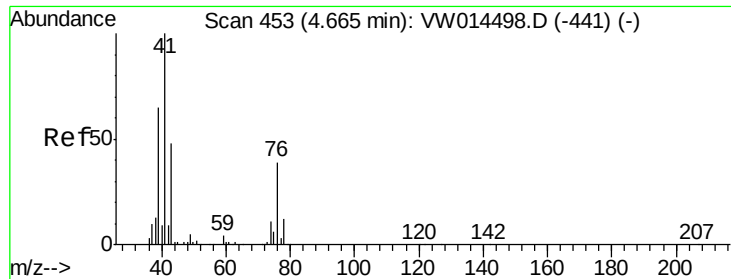
40000

20000

0

Time--> 4.00 4.10 4.20

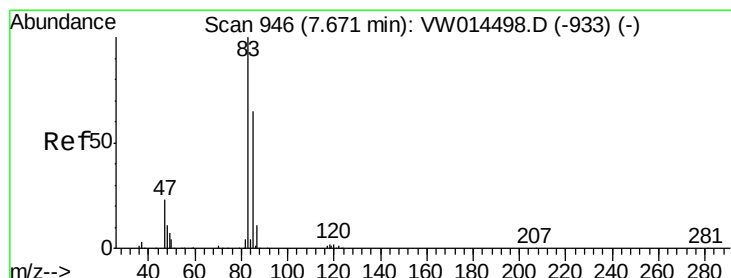
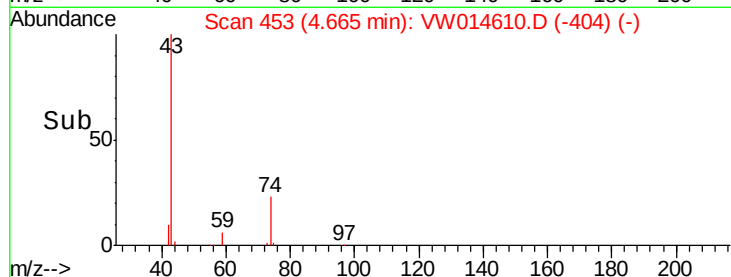
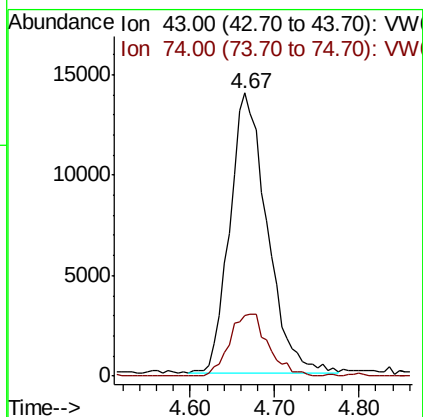
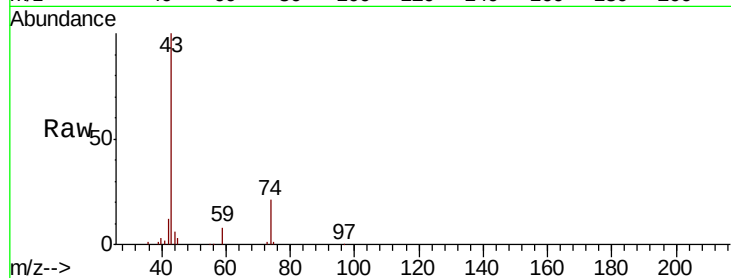




#18
Methvl Acetate
Concen: 13.767 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014610.D
Acq: 10 Jan 2020 19:55

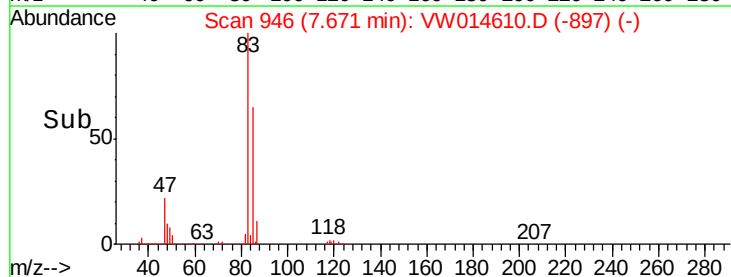
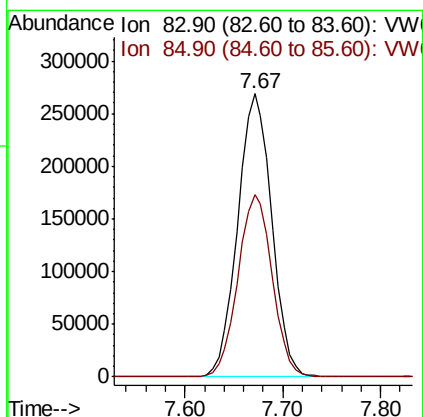
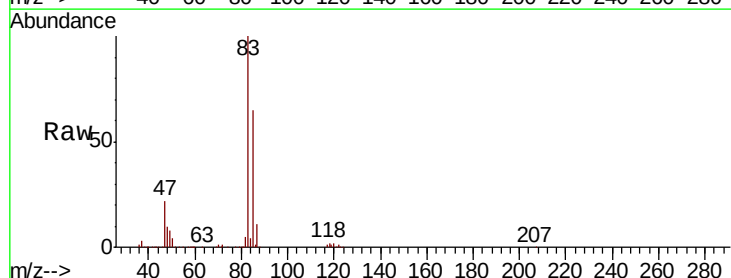
Instrument :
MSVOA_W
ClientSampleId :
GRAVEL-SOIL

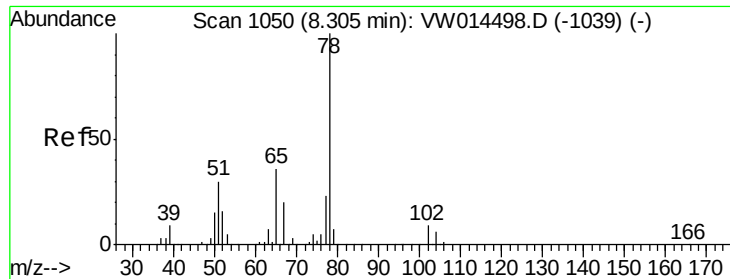
Tot Ion: 43 Resp: 42115
Ion Ratio Lower Upper
43 100
74 22.8 19.3 28.9



#30
Chloroform
Concen: 75.408 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014610.D
Acq: 10 Jan 2020 19:55

Tgt Ion: 83 Resp: 649603
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.2

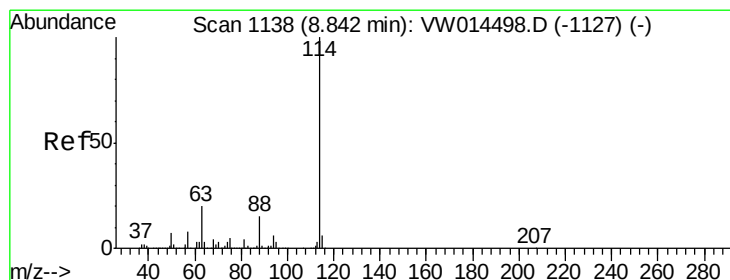
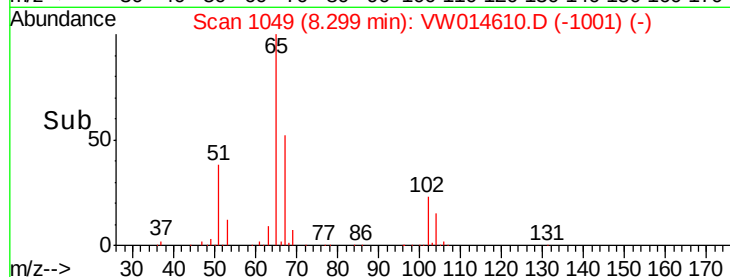
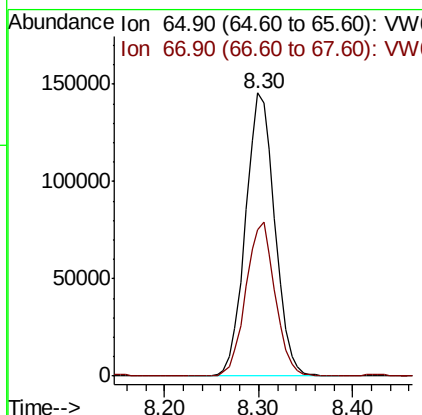
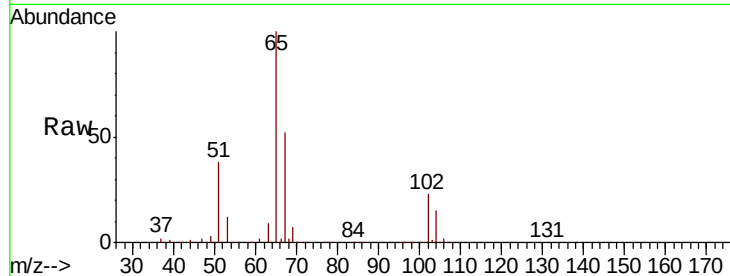




#33
 1,2-Dichloroethane-d4
 Concen: 71.020 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014610.D
 Acq: 10 Jan 2020 19:55

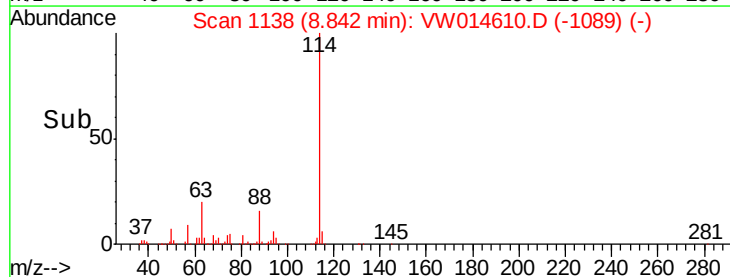
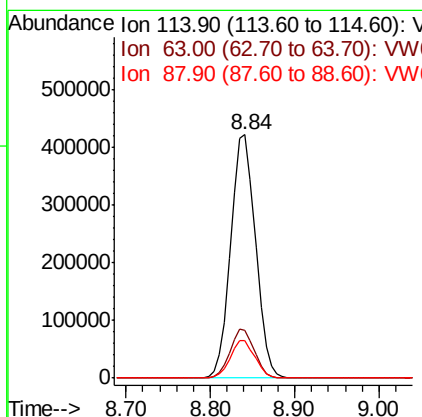
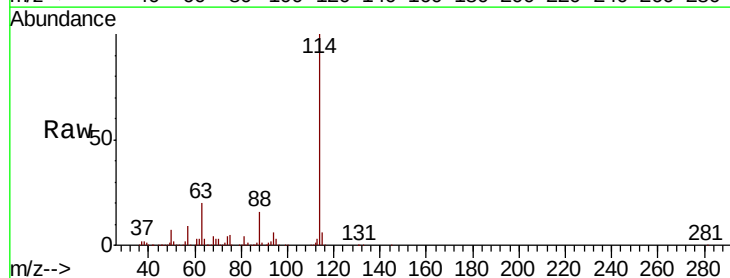
Instrument :
 MSVOA_W
 ClientSampleId :
 GRAVEL-SOIL

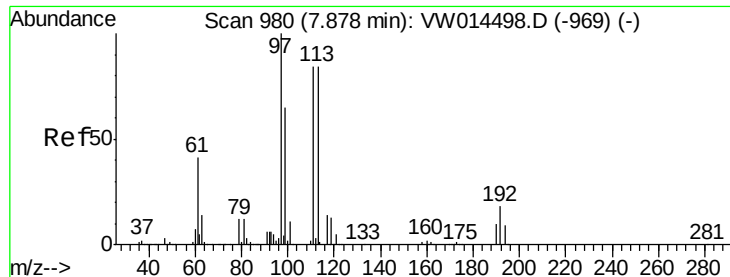
Tot Ion: 65 Resp: 318580
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014610.D
 Acq: 10 Jan 2020 19:55

Tgt Ion: 114 Resp: 841303
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.4
 88 15.6 0.0 30.6

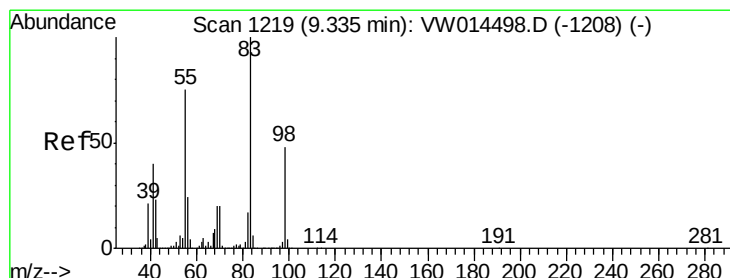
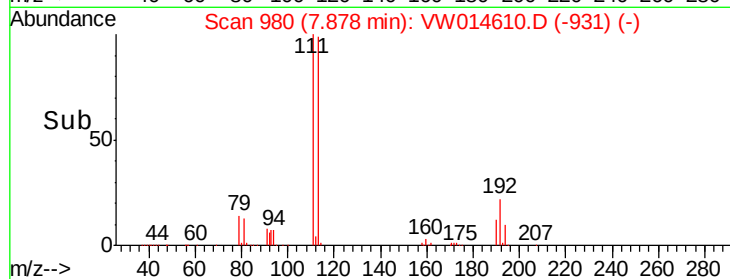
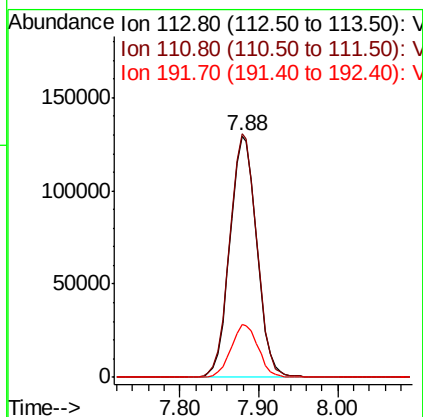
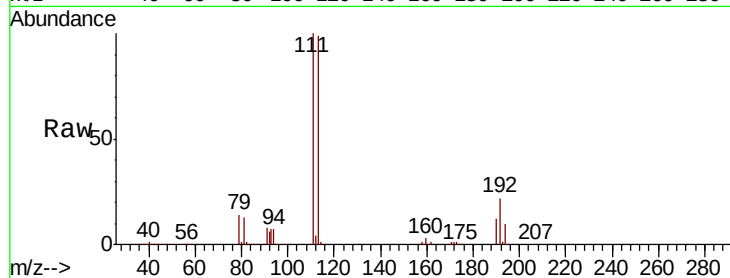




#35
 Dibromofluoromethane
 Concen: 63.721 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014610.D
 Acq: 10 Jan 2020 19:55

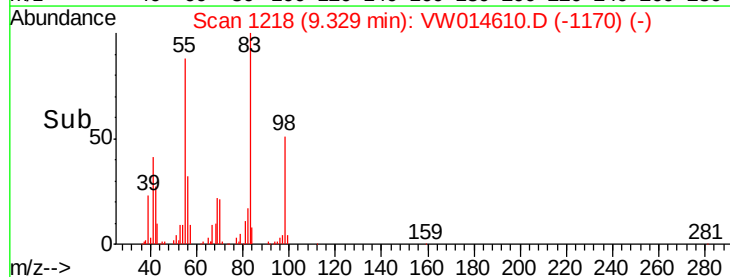
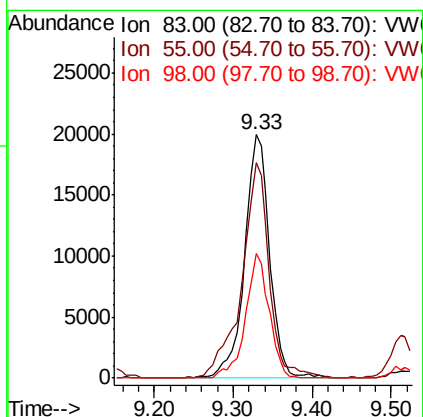
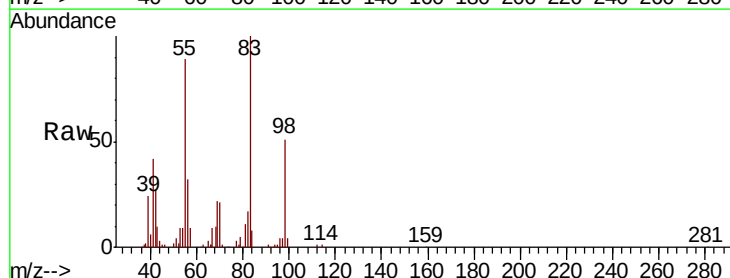
Instrument :
 MSVOA_W
 ClientSampleId :
 GRAVEL-SOIL

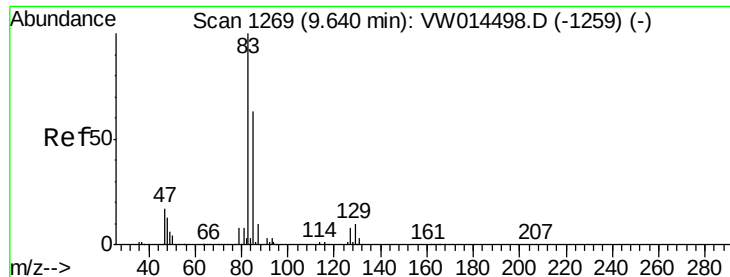
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.2
192	21.9	17.8	26.8



#39
 Methylcyclohexane
 Concen: 4.226 ug/l
 RT: 9.33 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VW014610.D
 Acq: 10 Jan 2020 19:55

Tgt Ion	Ratio	Lower	Upper
83	100		
55	88.6	60.1	90.1
98	51.2	38.8	58.2





#47

Bromodichloromethane

Concen: 5.798 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014610.D

Acq: 10 Jan 2020 19:55

Instrument :

MSVOA_W

ClientSampleId :

GRAVEL-SOIL

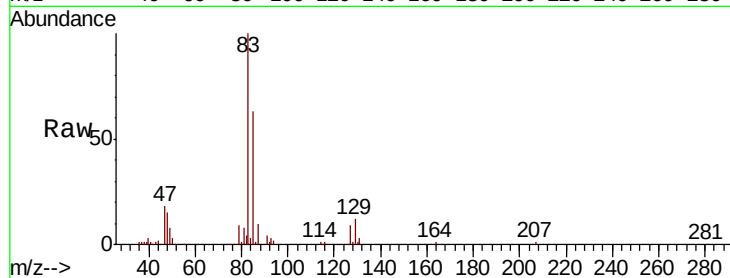
Tot Ion: 83 Resp: 39796

Ion Ratio Lower Upper

83 100

85 62.4 50.6 76.0

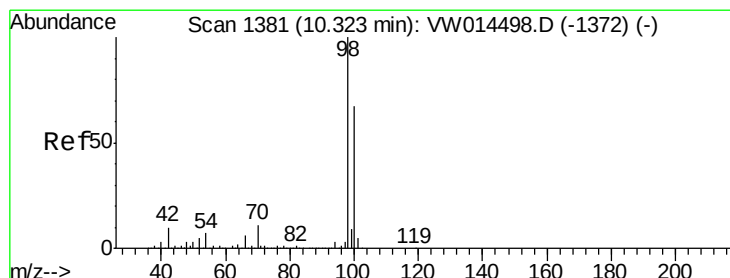
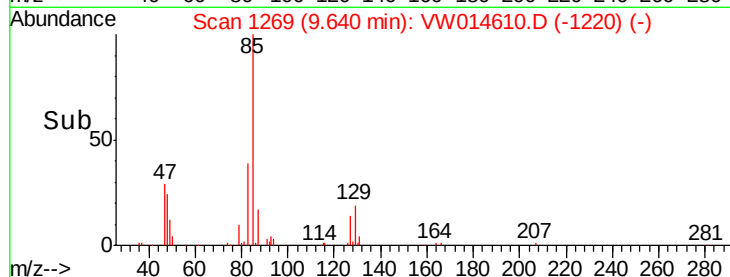
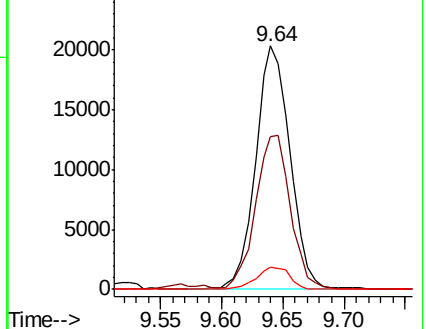
127 9.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#50

Toluene-d8

Concen: 38.980 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014610.D

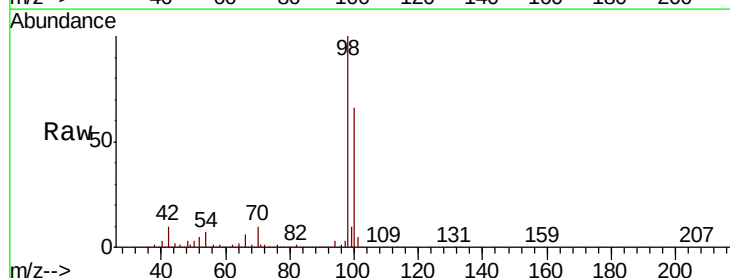
Acq: 10 Jan 2020 19:55

Tgt Ion: 98 Resp: 782166

Ion Ratio Lower Upper

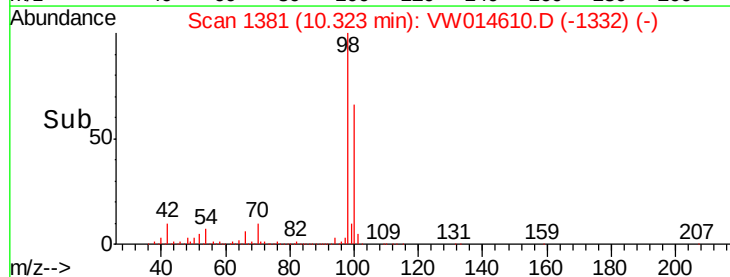
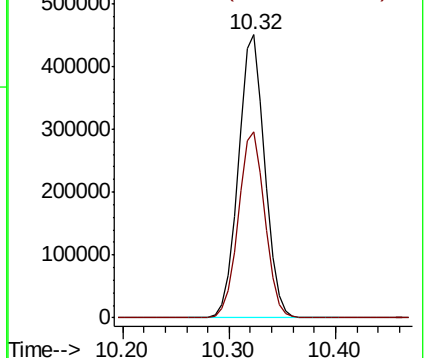
98 100

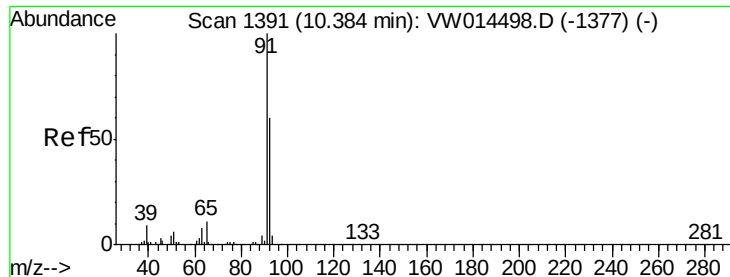
100 65.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 8.960 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014610.D

Acq: 10 Jan 2020 19:55

Instrument :

MSVOA_W

ClientSampleId :

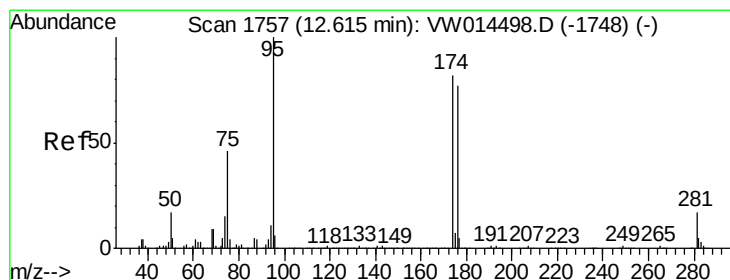
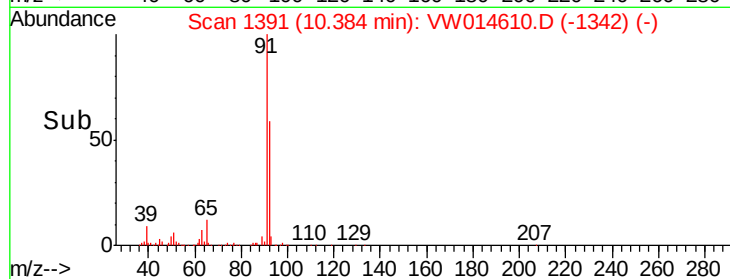
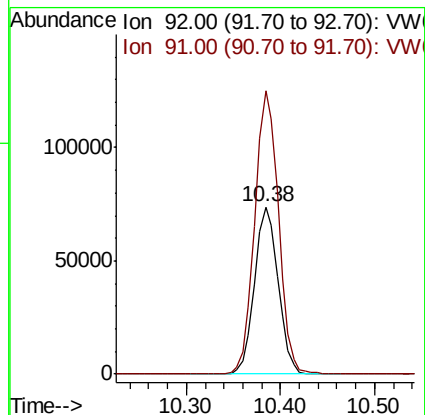
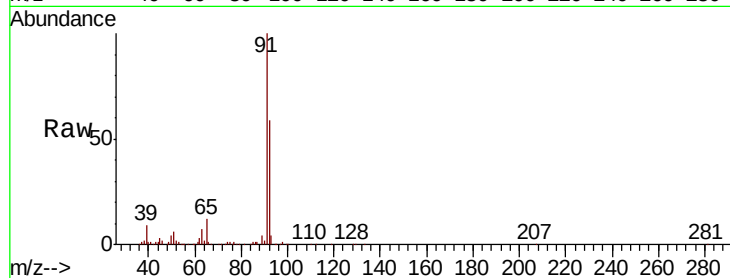
GRAVEL-SOIL

Tot Ion: 92 Resp: 129349

Ion Ratio Lower Upper

92 100

91 169.5 134.1 201.1



#62

4-Bromofluorobenzene

Concen: 30.915 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014610.D

Acq: 10 Jan 2020 19:55

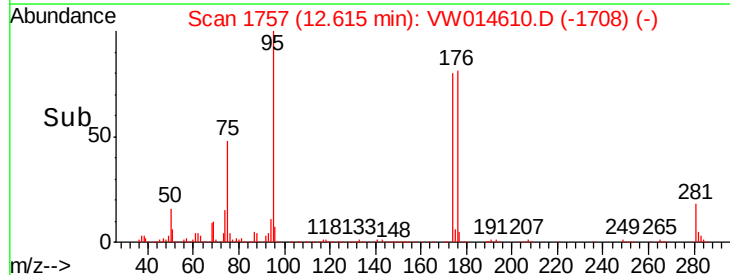
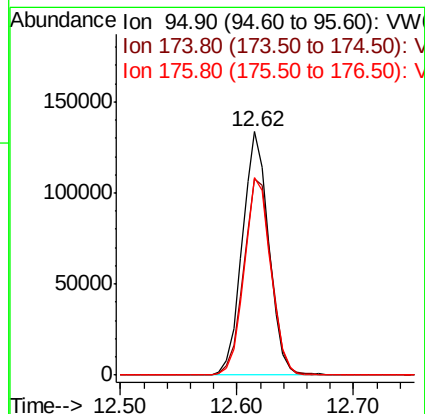
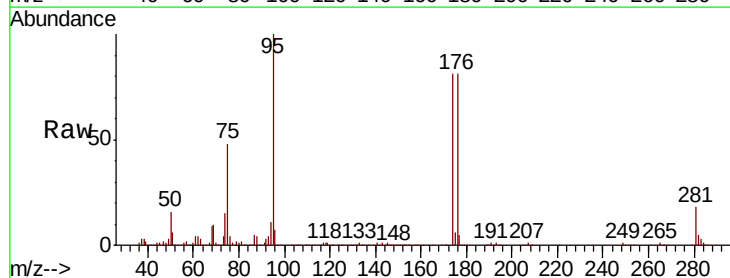
Tgt Ion: 95 Resp: 210413

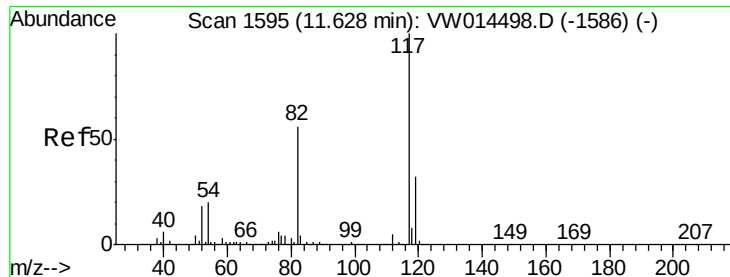
Ion Ratio Lower Upper

95 100

174 85.2 0.0 168.6

176 82.0 0.0 162.0

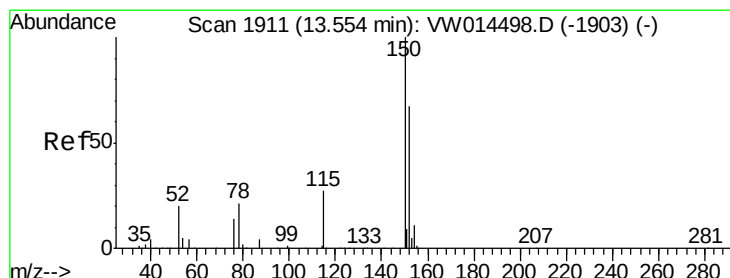
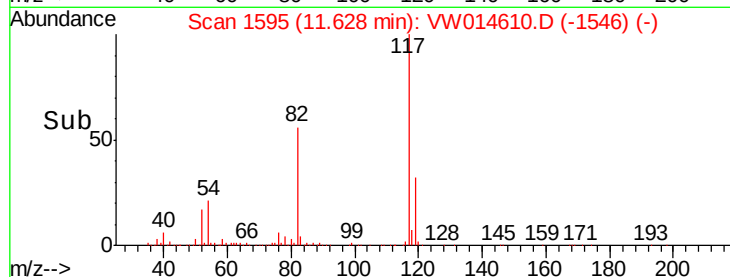
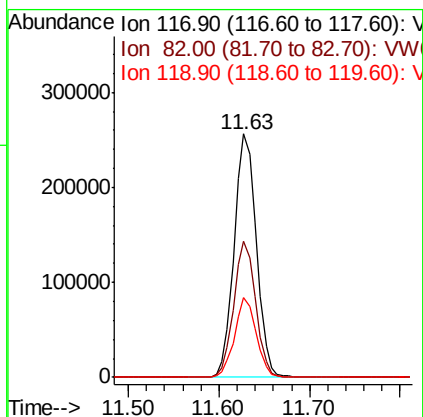
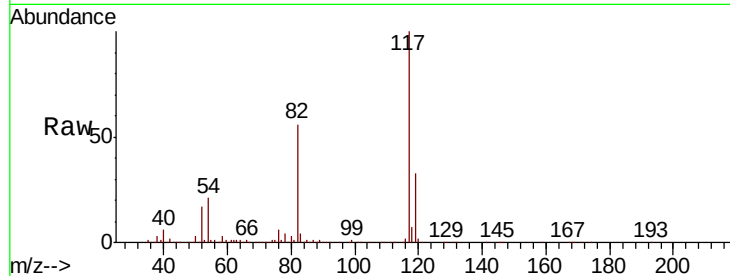




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014610.D
Acq: 10 Jan 2020 19:55

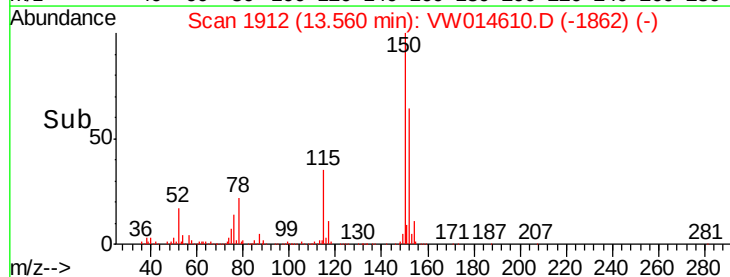
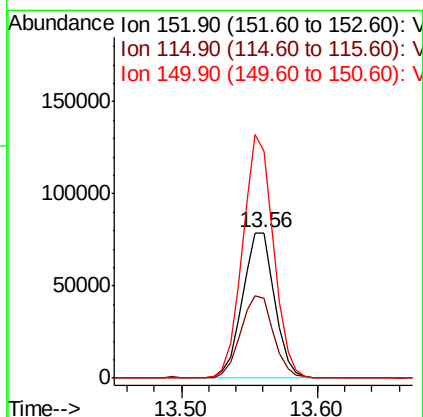
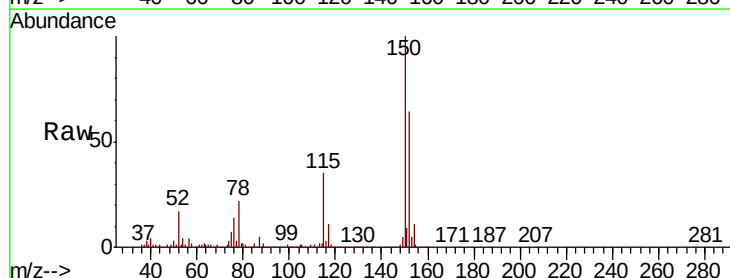
Instrument :
MSVOA_W
ClientSampleId :
GRAVEL-SOIL

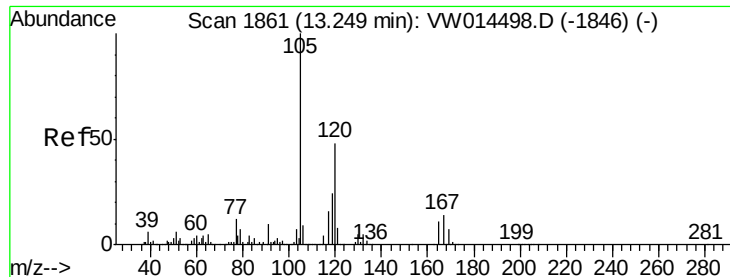
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	67.0
119	32.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014610.D
Acq: 10 Jan 2020 19:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.7	83.1
150	159.5	0.0	343.4





#84

1,2,4-Trimethylbenzene

Concen: 1.308 ug/l

RT: 13.24 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VW014610.D

Acq: 10 Jan 2020 19:55

Instrument :

MSVOA_W

ClientSampleId :

GRAVEL-SOIL

Tot Ion:105 Resp: 10505

Ion Ratio Lower Upper

105 100

120 44.4 23.4 70.0

