

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027388.D
 Acq On : 04 Oct 2018 04:04
 Operator : MD/SY
 Sample : J5212-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CG-SOIL-1

Quant Time: Oct 04 08:37:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

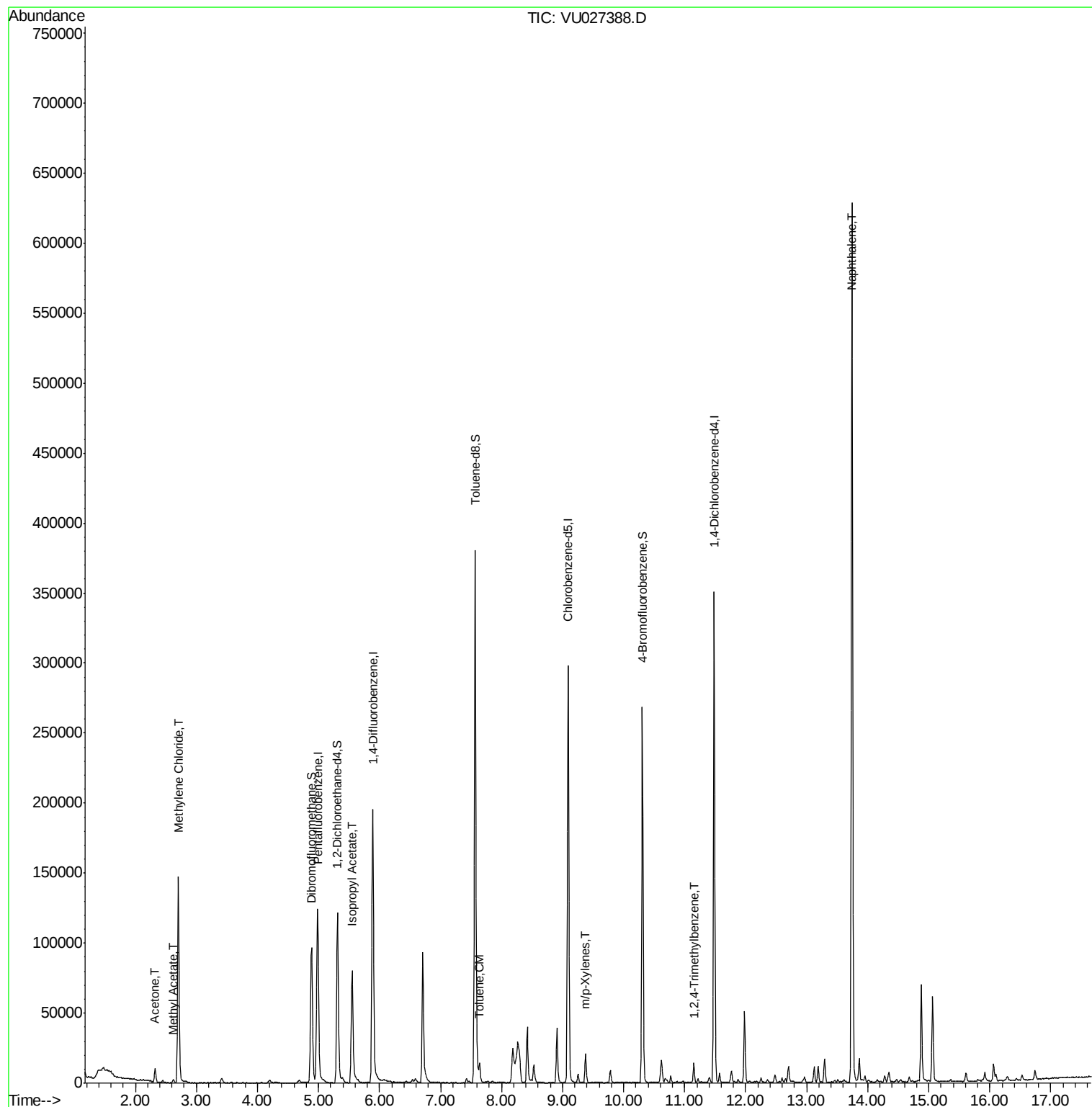
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	160702	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95964	63.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.22%	
35) Dibromofluoromethane	4.89	113	67717	61.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.98%	
50) Toluene-d8	7.57	98	251480	61.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.02%	
62) 4-Bromofluorobenzene	10.31	95	87687	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.48%	
Target Compounds						
16) Acetone	2.32	43	11372	12.761	ug/l	99
18) Methyl Acetate	2.62	43	3091	1.520	ug/l #	88
20) Methylene Chloride	2.70	84	59171	47.666	ug/l	98
43) Isopropyl Acetate	5.55	43	99851	28.510	ug/l	98
52) Toluene	7.64	92	5099	1.695	ug/l	98
68) m/p-Xylenes	9.38	106	5576	2.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	7148	1.430	ug/l	99
95) Naphthalene	13.74	128	447957	70.858	ug/l	100

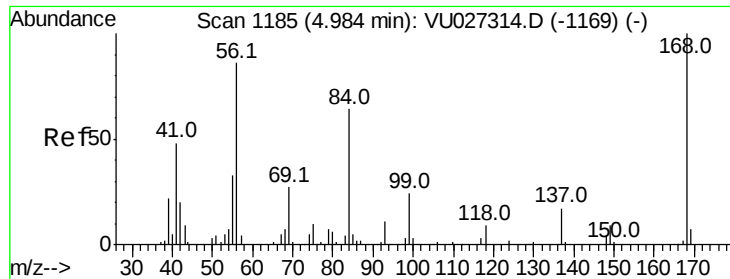
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 08:37:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

ClientSampleId :

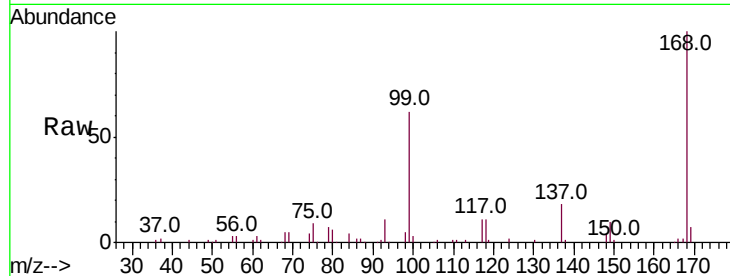
CG-SOIL-1

Tot Ion:168 Resp: 90341

Ion Ratio Lower Upper

168 100

99 62.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

40000

30000

20000

10000

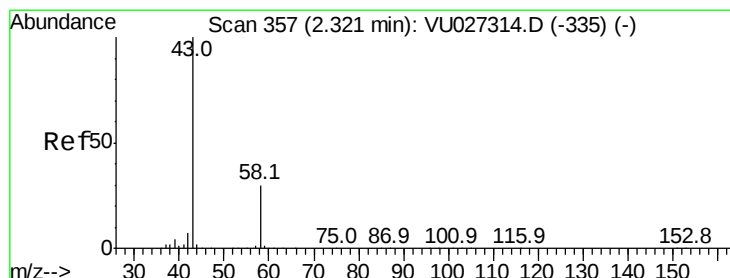
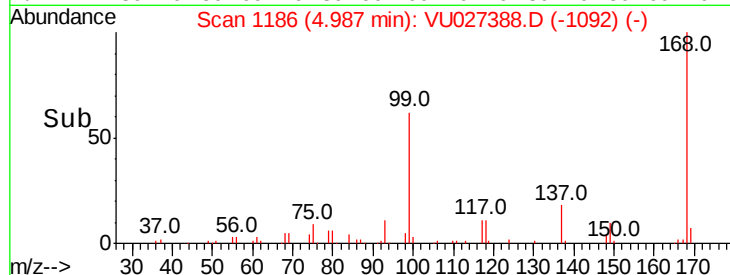
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 12.761 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027388.D

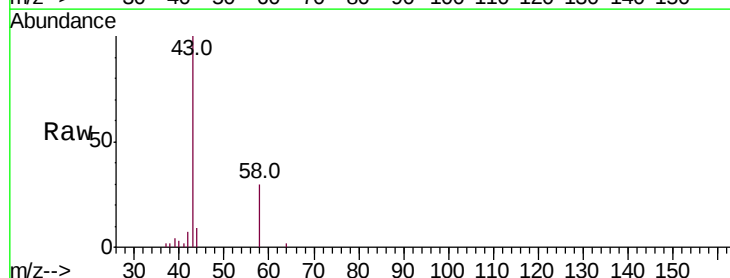
Acq: 04 Oct 2018 04:04

Tgt Ion: 43 Resp: 11372

Ion Ratio Lower Upper

43 100

58 29.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

8000

6000

4000

2000

0

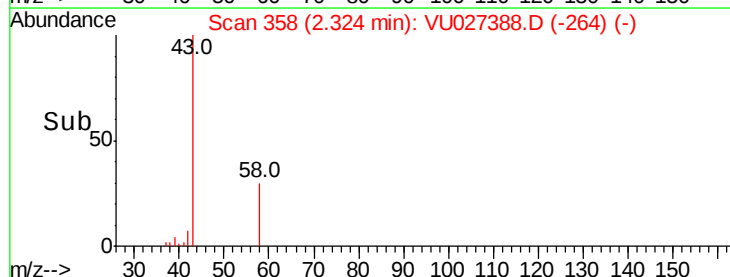
2.25

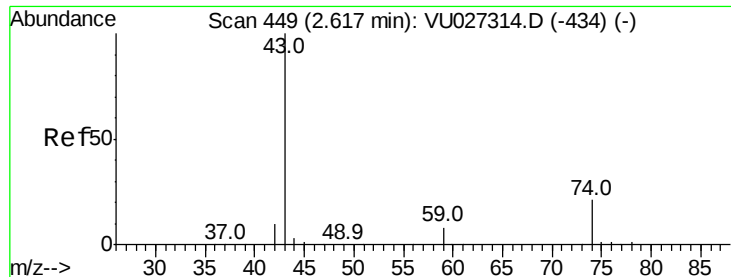
2.30

2.35

2.40

Time-->

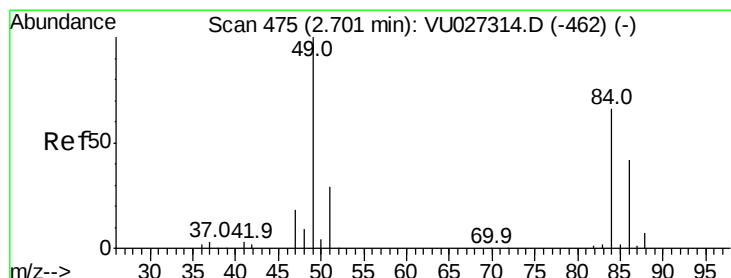
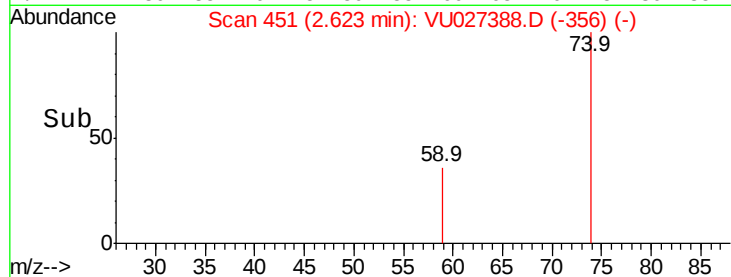
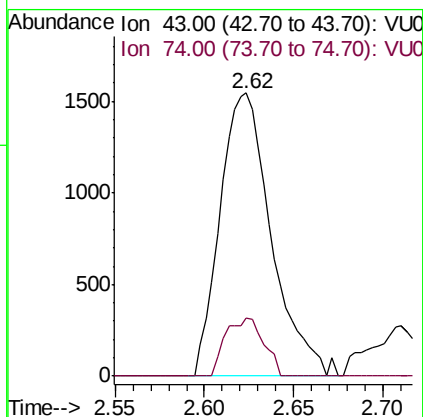
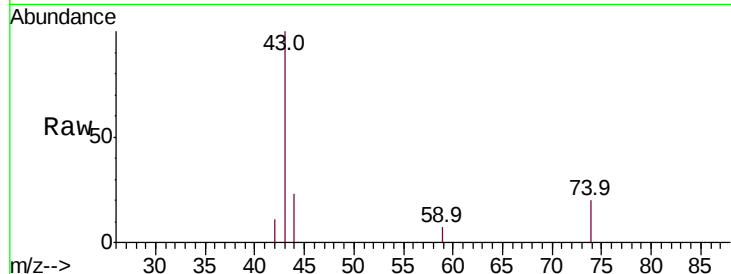




#18
Methvl Acetate
Concen: 1.520 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

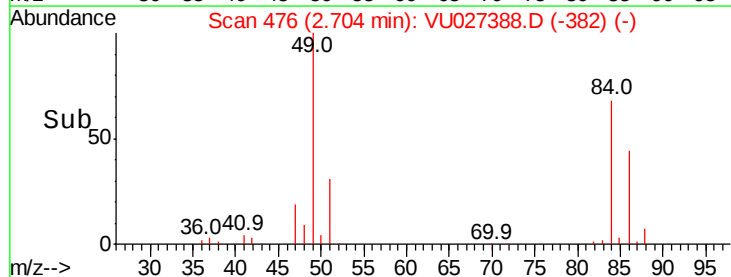
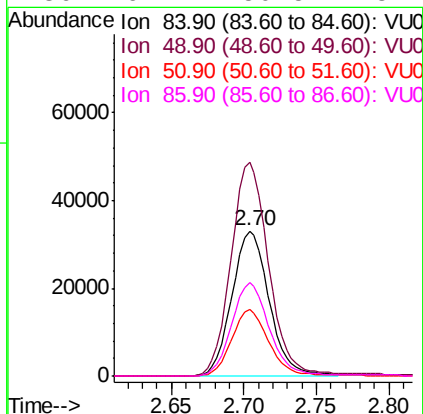
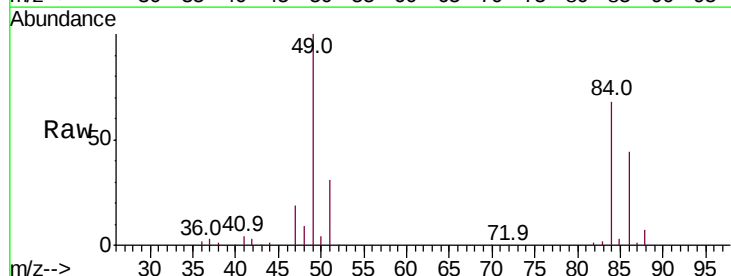
Instrument :
MSVOA_U
ClientSampleId :
CG-SOIL-1

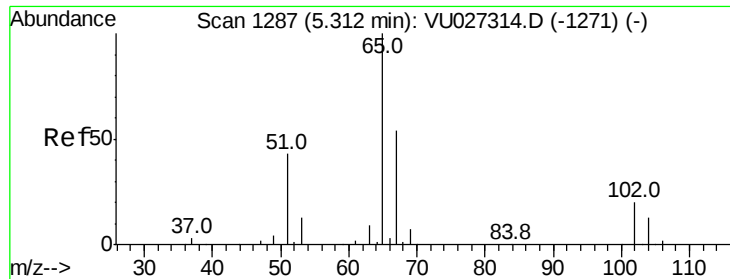
Tot Ion: 43 Resp: 3091
Ion Ratio Lower Upper
43 100
74 15.2 16.5 24.7#



#20
Methylene Chloride
Concen: 47.666 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion: 84 Resp: 59171
Ion Ratio Lower Upper
84 100
49 147.5 120.5 180.7
51 46.3 35.1 52.7
86 64.4 50.5 75.7

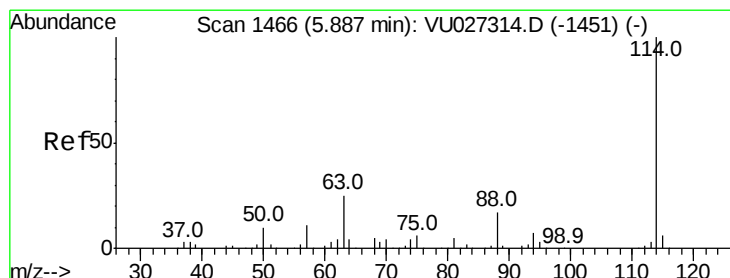
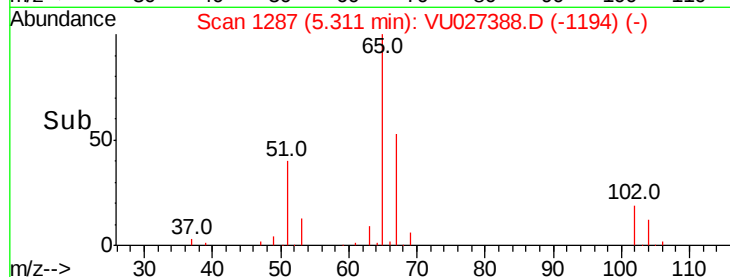
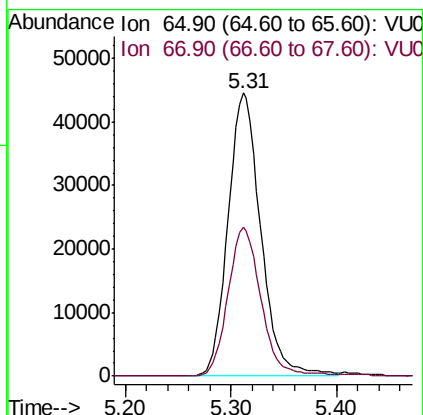
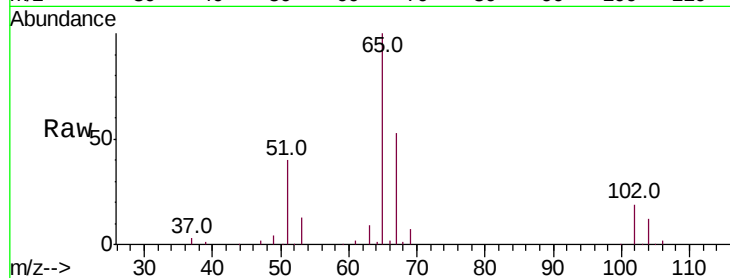




#33
 1,2-Dichloroethane-d4
 Concen: 63.614 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

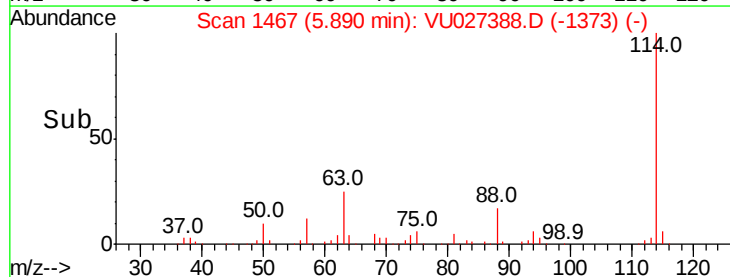
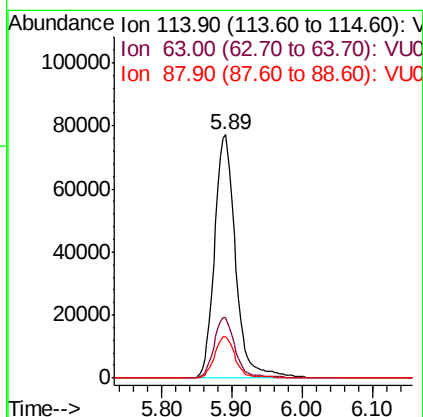
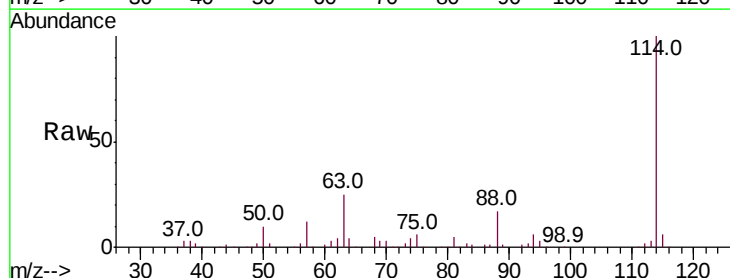
Instrument :
 MSVOA_U
 ClientSampleId :
 CG-SOIL-1

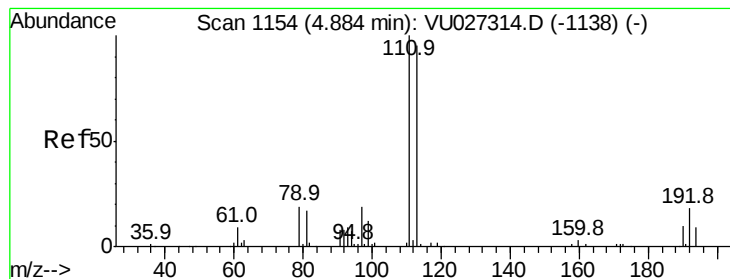
Tot Ion: 65 Resp: 95964
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Tgt Ion: 114 Resp: 160702
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.2
 88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 61.486 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

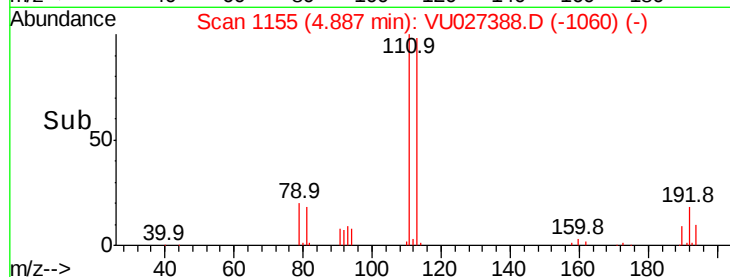
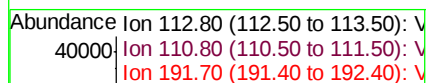
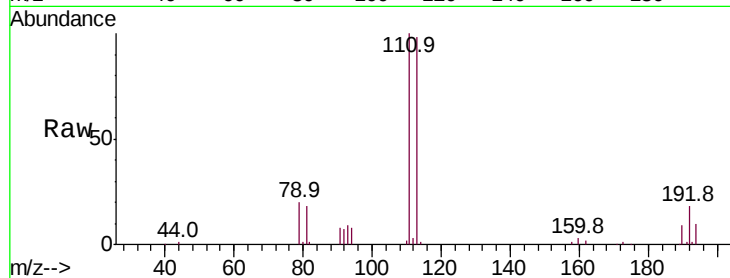
MSVOA_U

ClientSampleId :

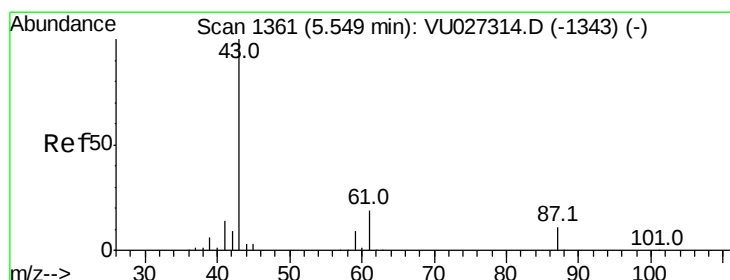
CG-SOIL-1

Tot Ion:113 Resp: 67717

Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.1	124.7
192	18.2	15.4	23.0



Time-->



#43

Isopropyl Acetate

Concen: 28.510 ug/l

RT: 5.55 min Scan# 1362

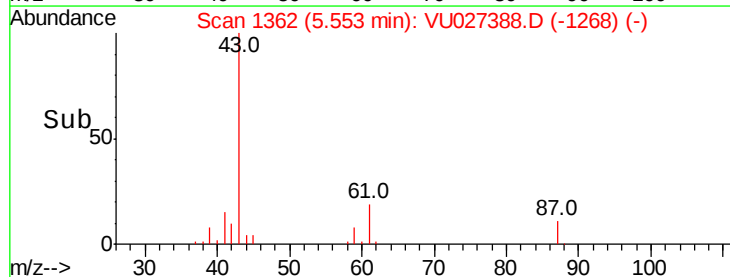
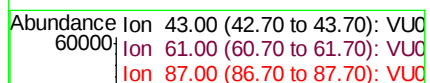
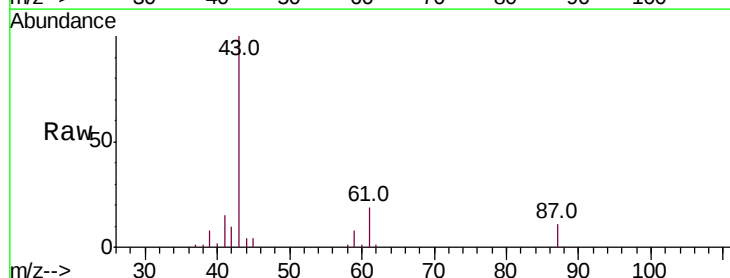
Delta R.T. 0.00 min

Lab File: VU027388.D

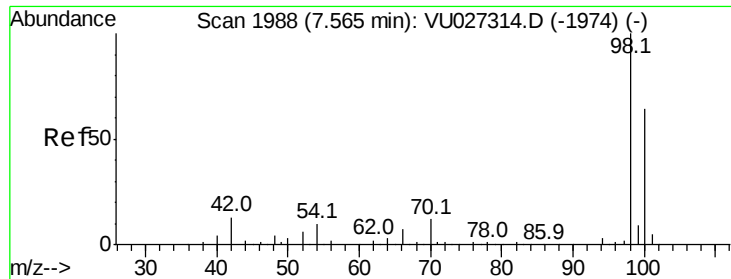
Acq: 04 Oct 2018 04:04

Tgt Ion: 43 Resp: 99851

Ion	Ratio	Lower	Upper
43	100		
61	17.9	15.3	22.9
87	10.7	8.6	13.0



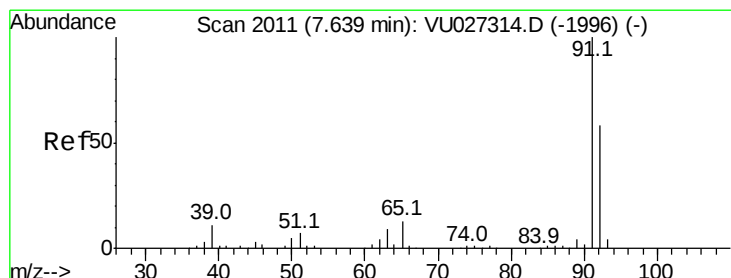
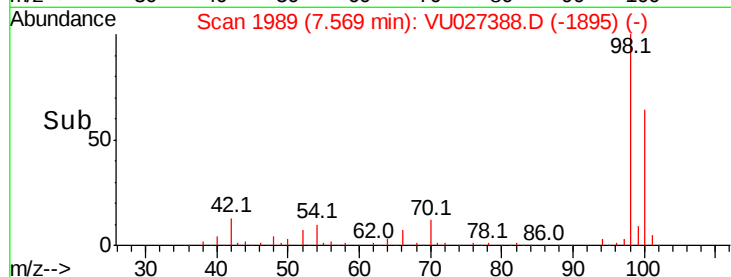
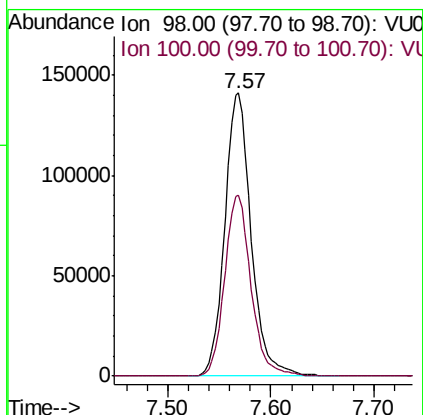
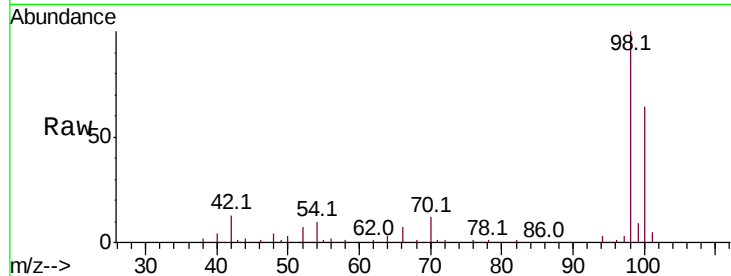
Time-->



#50
Toluene-d8
Concen: 61.010 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

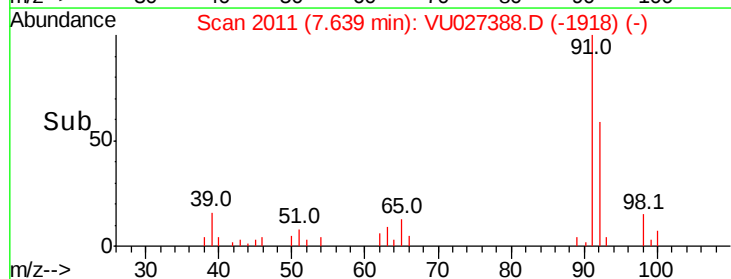
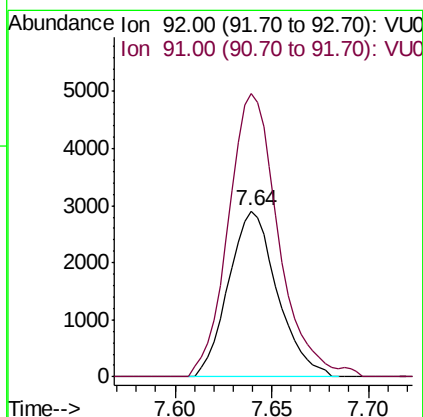
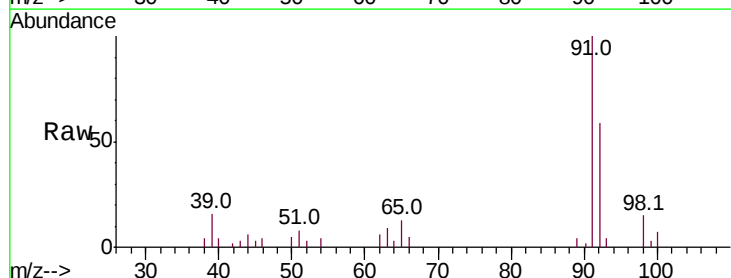
Instrument :
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ClientSampleId :
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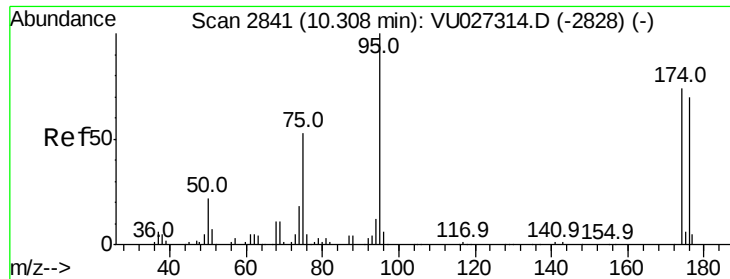
Tot Ion: 98 Resp: 251480
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#52
Toluene
Concen: 1.695 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion: 92 Resp: 5099
Ion Ratio Lower Upper
92 100
91 175.6 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 57.241 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

ClientSampleId :

CG-SOIL-1

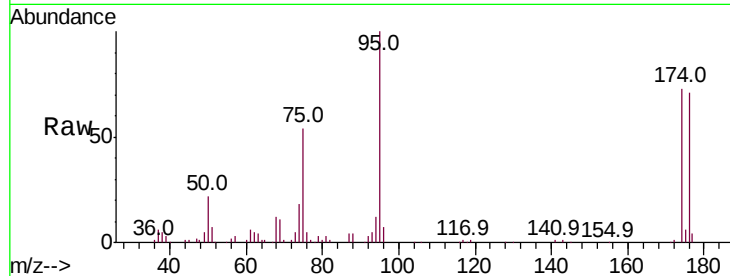
Tot Ion: 95 Resp: 87687

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.8

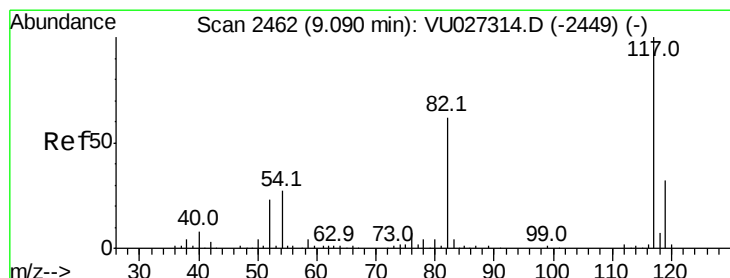
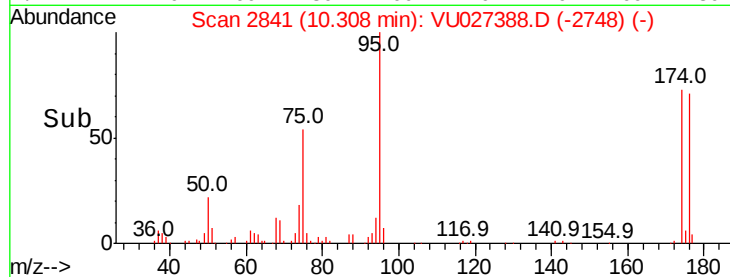
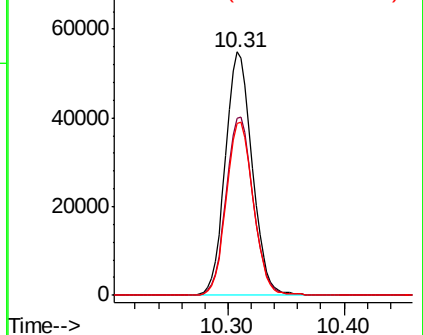
176 71.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

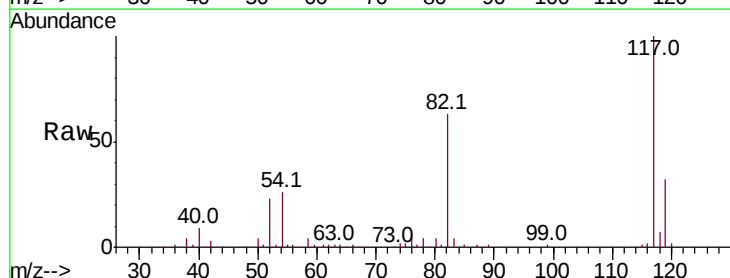
Tgt Ion: 117 Resp: 156942

Ion Ratio Lower Upper

117 100

82 62.6 49.2 73.8

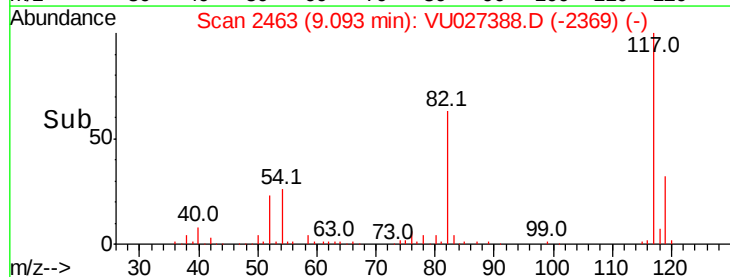
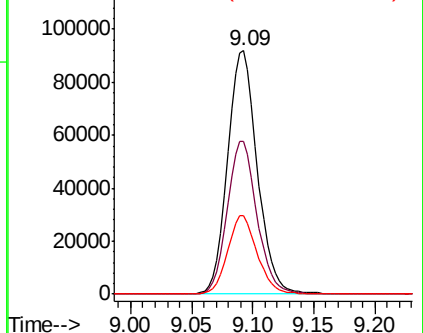
119 32.1 25.7 38.5

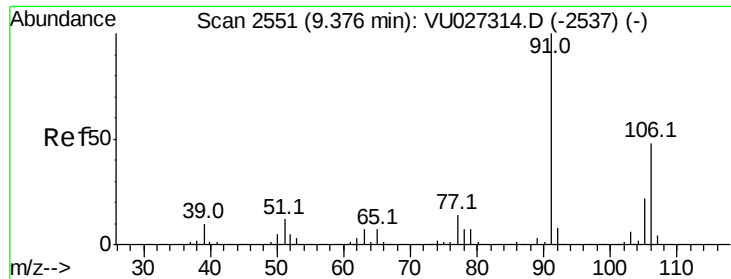


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

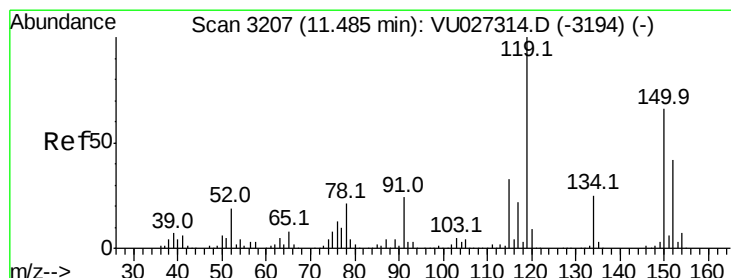
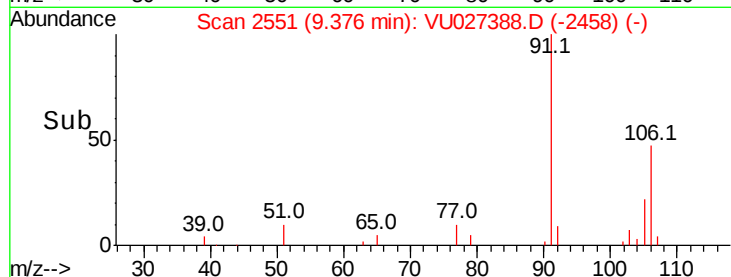
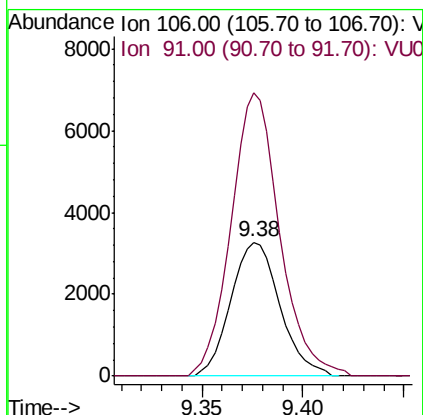
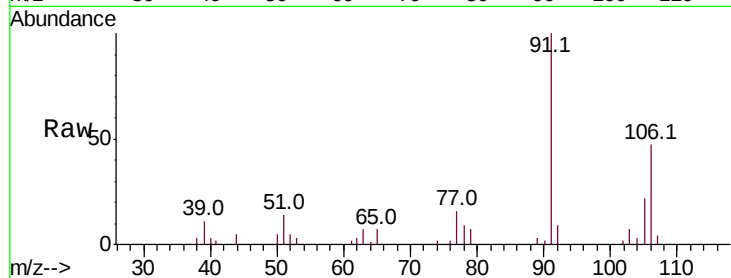




#68
m/p-Xylenes
Concen: 2.605 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

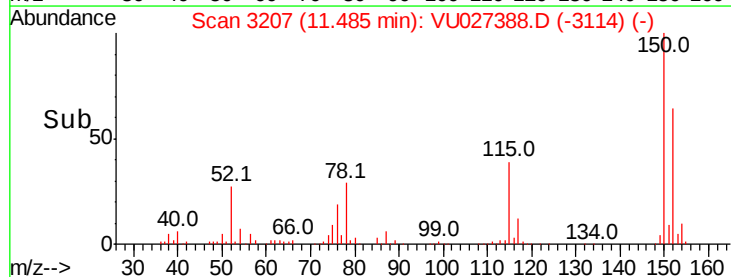
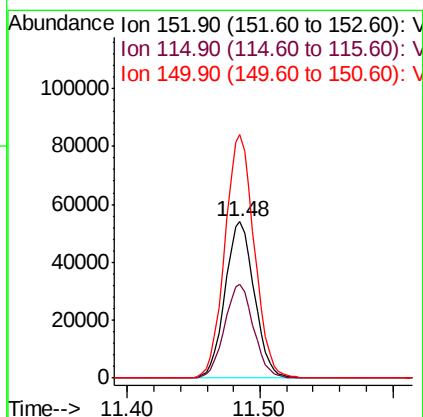
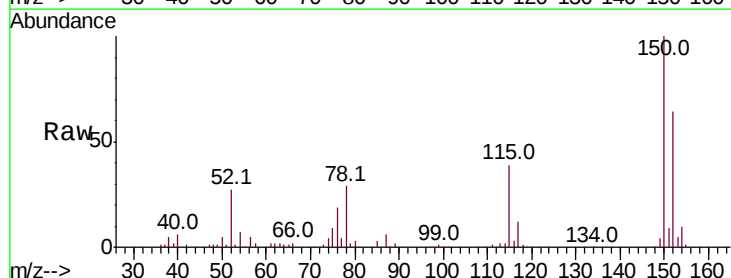
Instrument :
MSVOA_U
ClientSampleId :
CG-SOIL-1

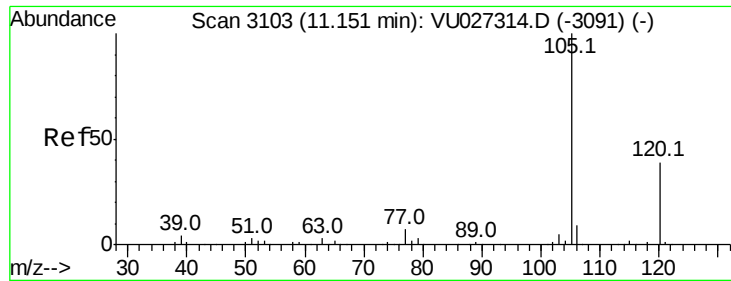
Tot Ion:106 Resp: 5576
Ion Ratio Lower Upper
106 100
91 209.3 168.1 252.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion:152 Resp: 82783
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.2
150 156.3 0.0 349.2

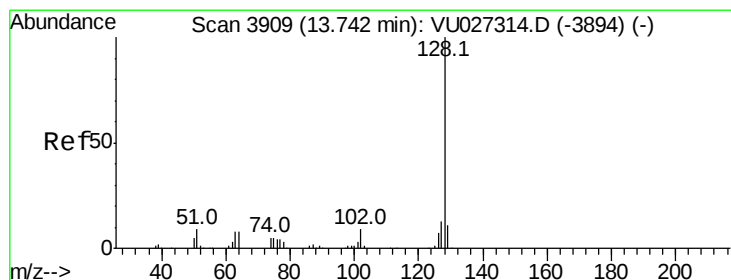
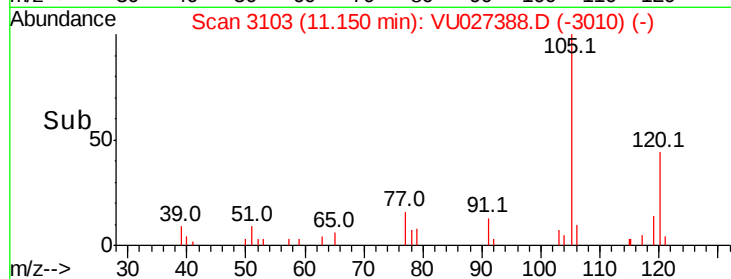
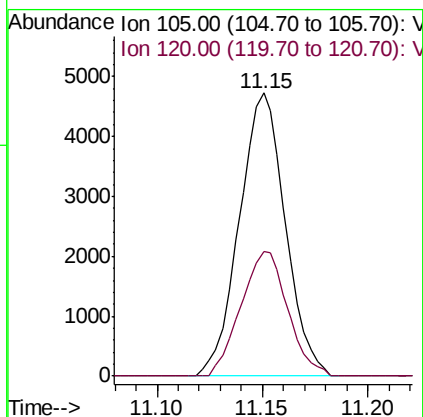
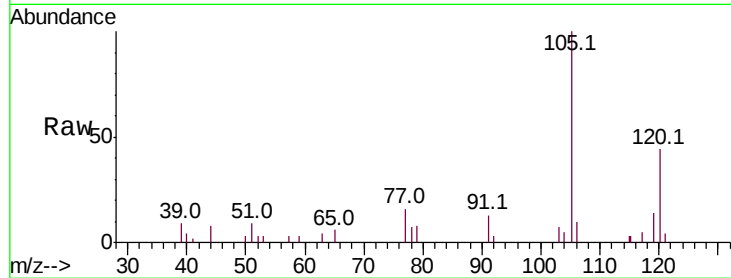




#84
 1,2,4-Trimethylbenzene
 Concen: 1.430 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Instrument :
 MSVOA_U
 ClientSampled :
 CG-SOIL-1

Tot Ion:105 Resp: 7148
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.1 66.5



#95
 Naphthalene
 Concen: 70.858 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. -0.00 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Tgt Ion:128 Resp: 447957
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.5 15.7
 129 10.8 8.6 12.8

