

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027387.D
 Acq On : 04 Oct 2018 03:41
 Operator : MD/SY
 Sample : J5212-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CG-SOIL-2

Quant Time: Oct 04 08:35:44 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

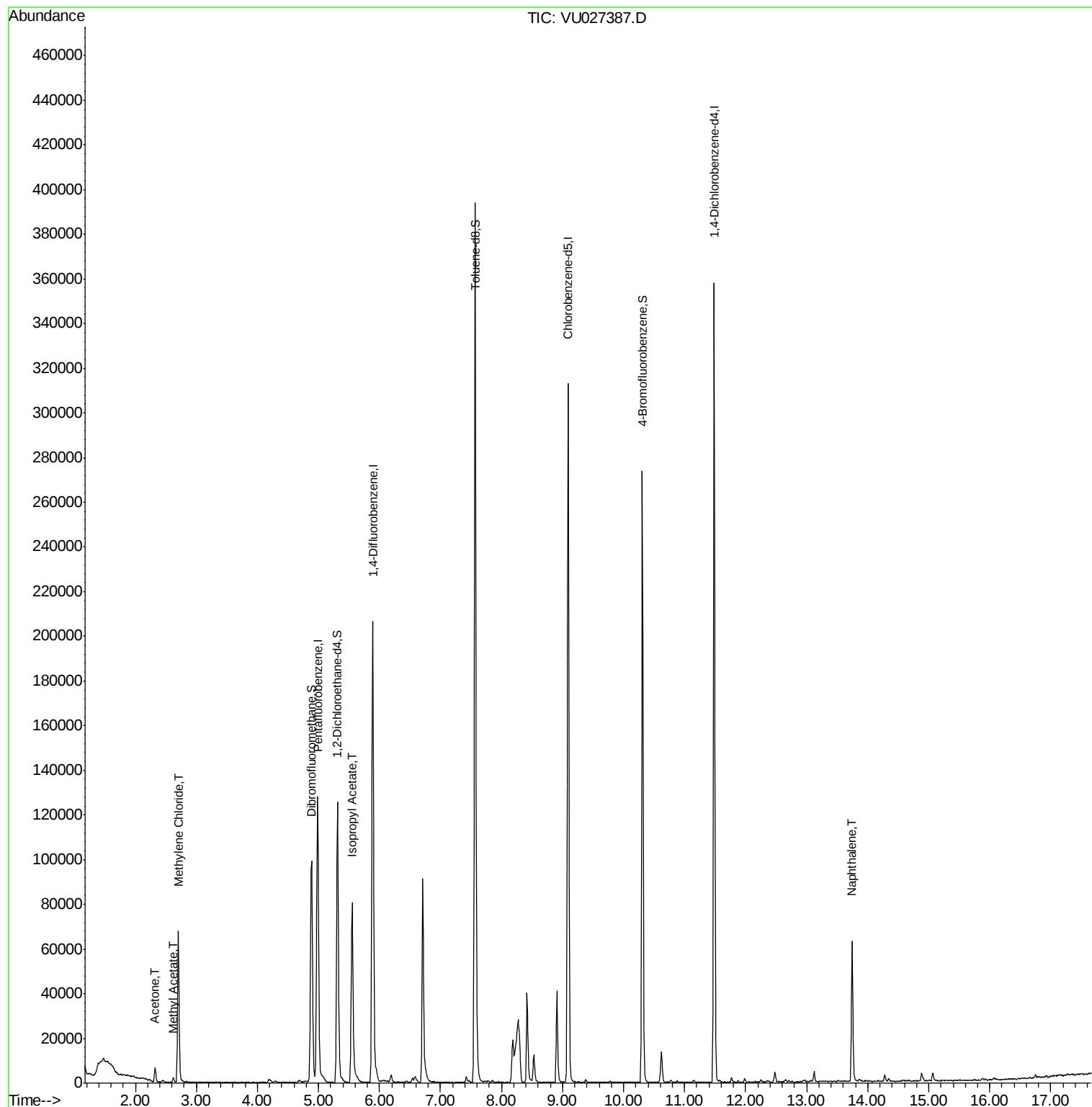
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	167646	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98688	63.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.66%	
35) Dibromofluoromethane	4.89	113	69981	60.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.82%	
50) Toluene-d8	7.57	98	260929	60.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.36%	
62) 4-Bromofluorobenzene	10.31	95	90754	56.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.58%	
Target Compounds						
16) Acetone	2.32	43	7152	7.830	ug/l	100
18) Methyl Acetate	2.62	43	2537	1.218	ug/l #	87
20) Methylene Chloride	2.70	84	27754	21.814	ug/l	98
43) Isopropyl Acetate	5.55	43	100527	27.514	ug/l	97
95) Naphthalene	13.75	128	49113	9.092	ug/l	99

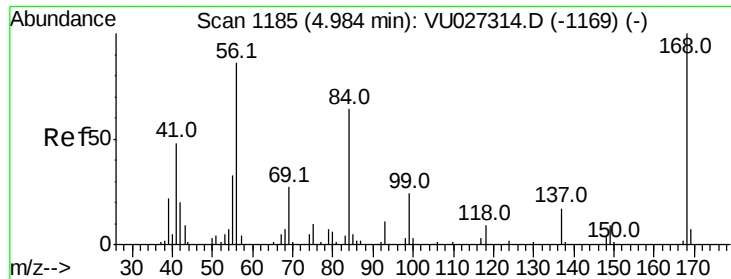
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027387.D

Acq: 04 Oct 2018 03:41

Instrument :

MSVOA_U

ClientSampleId :

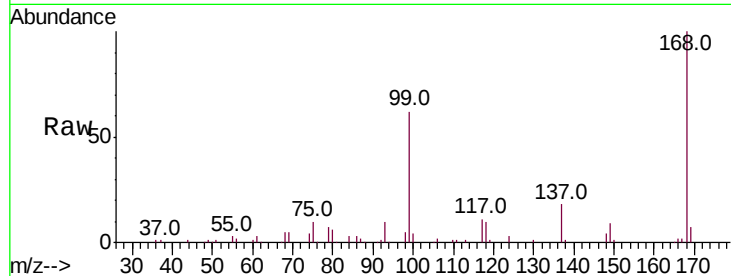
CG-SOIL-2

Tot Ion:168 Resp: 92591

Ion Ratio Lower Upper

168 100

99 62.3 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

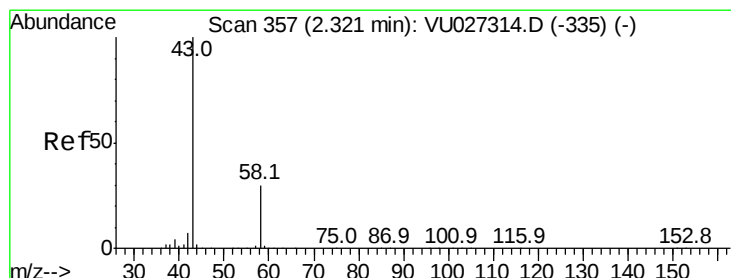
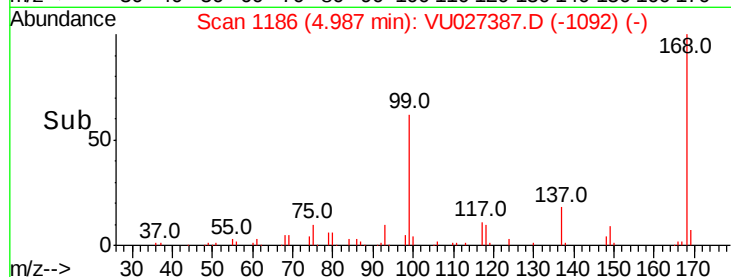
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 7.830 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027387.D

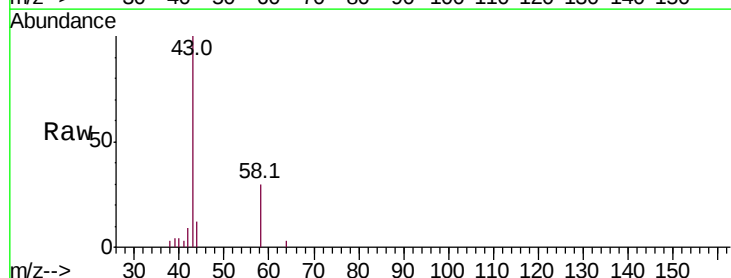
Acq: 04 Oct 2018 03:41

Tgt Ion: 43 Resp: 7152

Ion Ratio Lower Upper

43 100

58 30.0 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

4000

3000

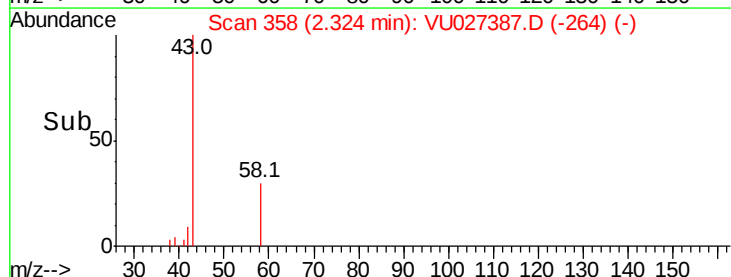
2000

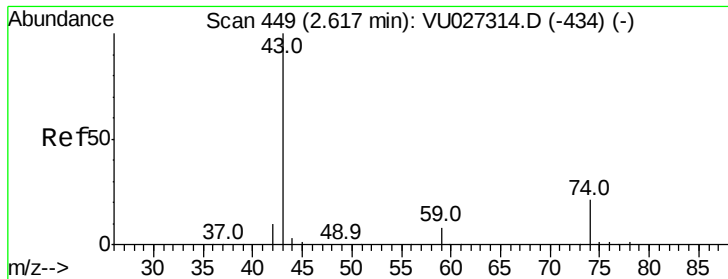
1000

0

2.25 2.30 2.35 2.40

Time-->

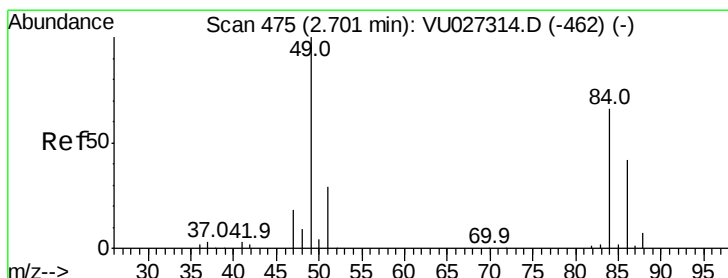
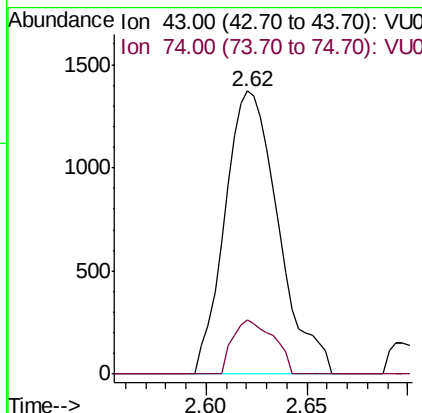
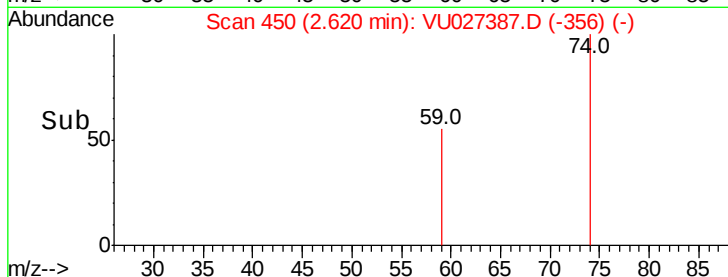
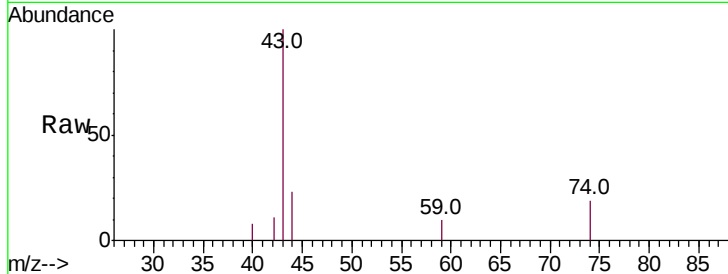




#18
Methyl Acetate
Concen: 1.218 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027387.D
Acq: 04 Oct 2018 03:41

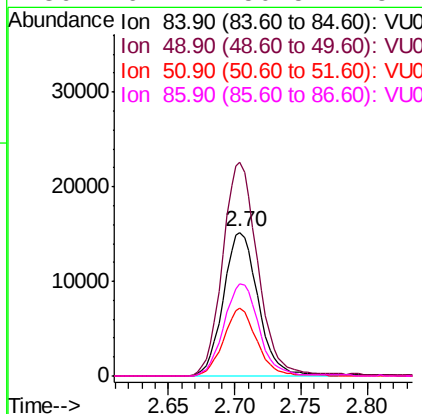
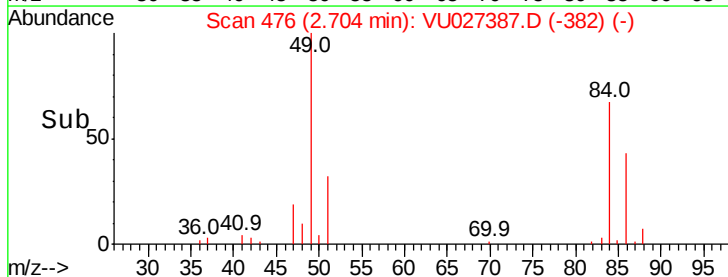
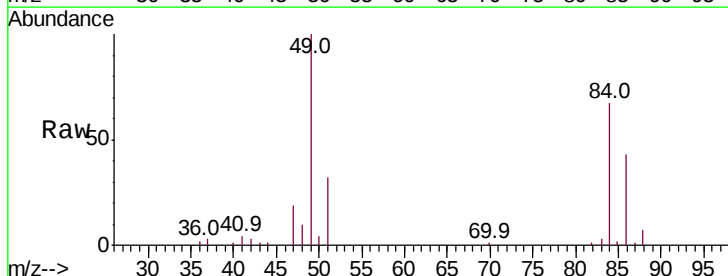
Instrument :
MSVOA_U
ClientSampleId :
CG-SOIL-2

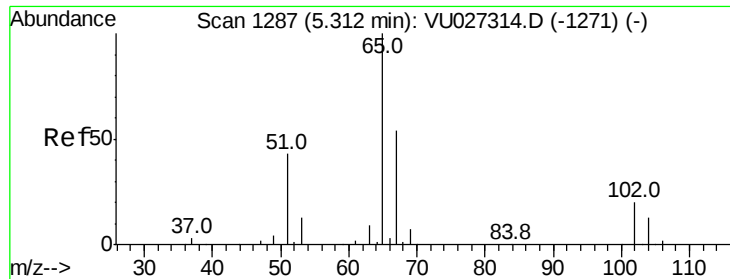
Tot Ion: 43 Resp: 2537
Ion Ratio Lower Upper
43 100
74 14.7 16.5 24.7#



#20
Methylene Chloride
Concen: 21.814 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027387.D
Acq: 04 Oct 2018 03:41

Tgt Ion: 84 Resp: 27754
Ion Ratio Lower Upper
84 100
49 148.9 120.5 180.7
51 47.4 35.1 52.7
86 64.4 50.5 75.7

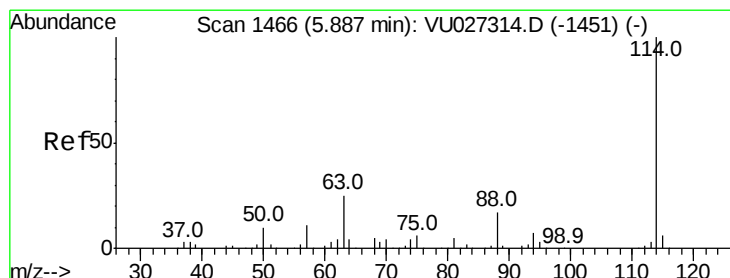
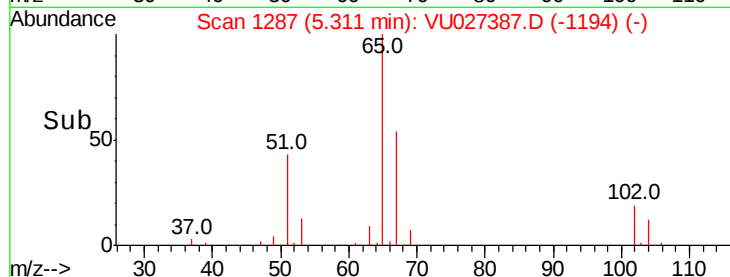
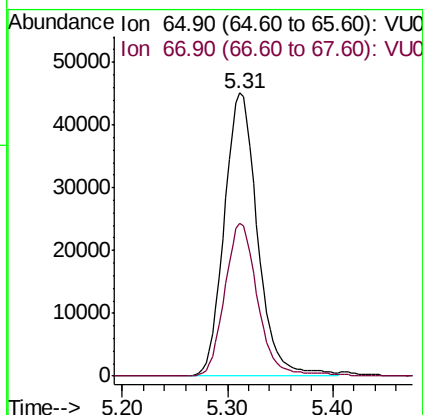
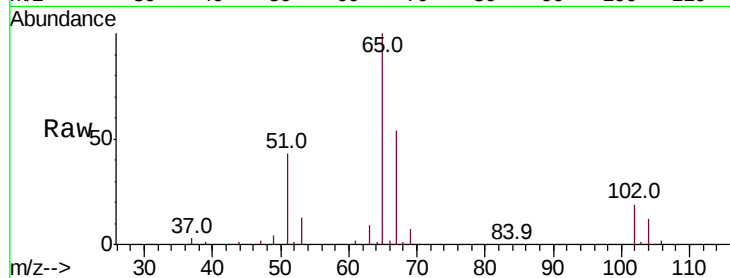




#33
 1,2-Dichloroethane-d4
 Concen: 63.830 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027387.D
 Acq: 04 Oct 2018 03:41

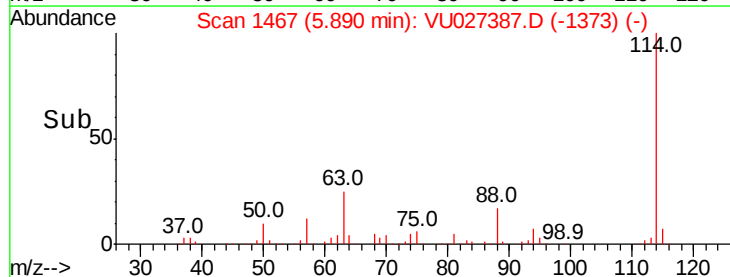
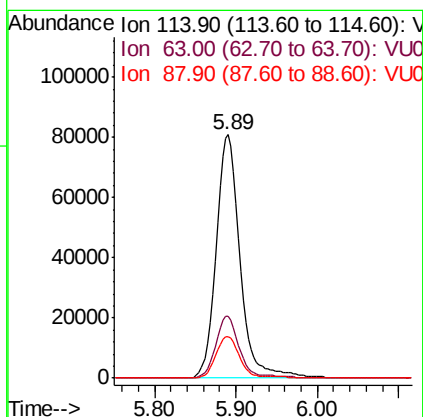
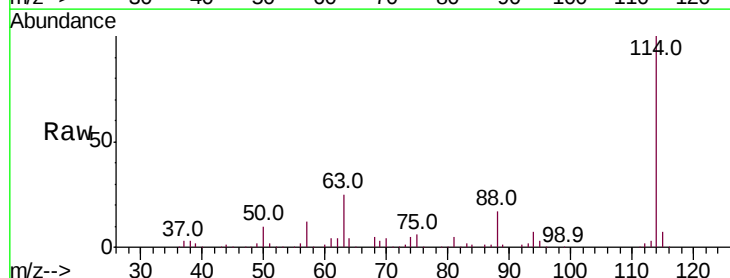
Instrument :
 MSVOA_U
 ClientSampleId :
 CG-SOIL-2

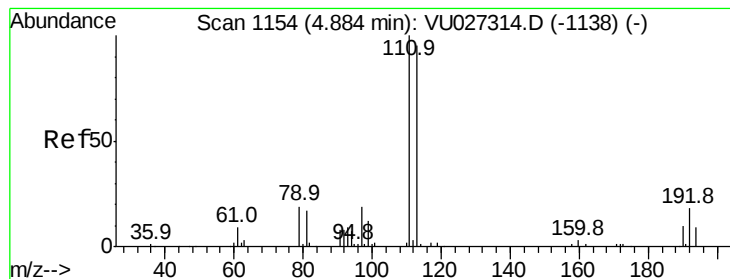
Tot Ion: 65 Resp: 98688
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027387.D
 Acq: 04 Oct 2018 03:41

Tgt Ion: 114 Resp: 167646
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 50.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 60.910 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027387.D

Acq: 04 Oct 2018 03:41

Instrument :

MSVOA_U

ClientSampleId :

CG-SOIL-2

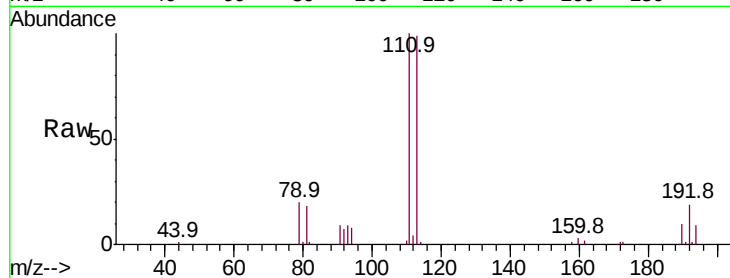
Tot Ion:113 Resp: 69981

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	19.2	15.4	23.0

113 100

111 102.9 83.1 124.7

192 19.2 15.4 23.0

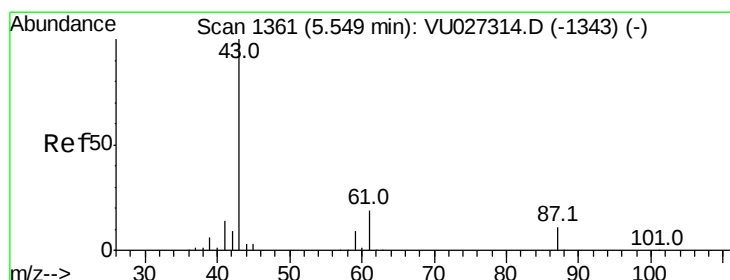
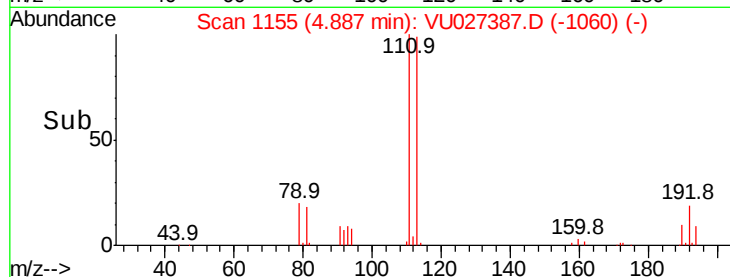
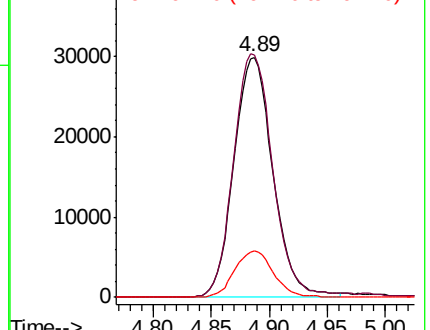


Abundance

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



#43

Isopropyl Acetate

Concen: 27.514 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027387.D

Acq: 04 Oct 2018 03:41

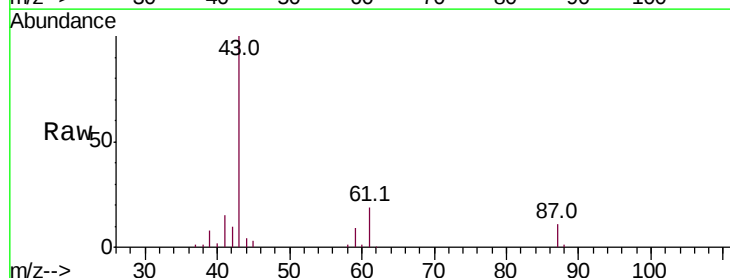
Tgt Ion: 43 Resp: 100527

Ion	Ratio	Lower	Upper
43	100		
61	17.5	15.3	22.9
87	9.6	8.6	13.0

43 100

61 17.5 15.3 22.9

87 9.6 8.6 13.0

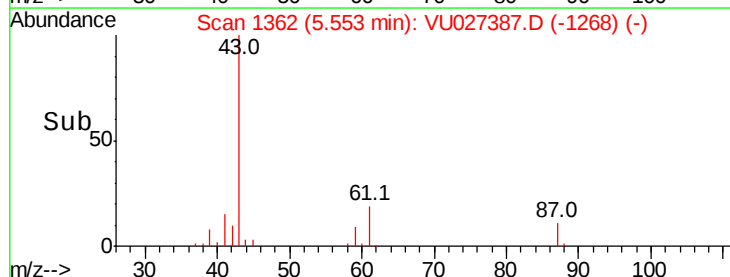
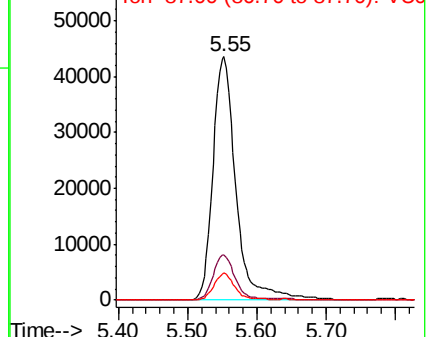


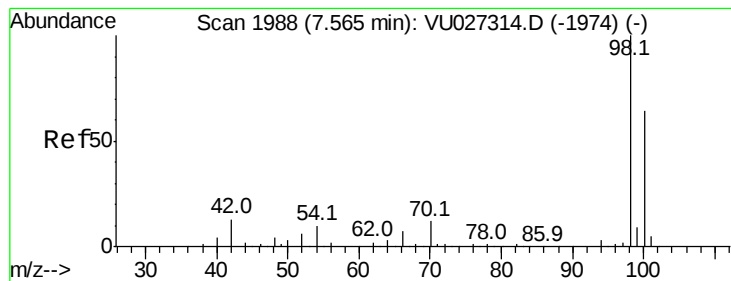
Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 60.680 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027387.D

Acq: 04 Oct 2018 03:41

Instrument :

MSVOA_U

ClientSampleId :

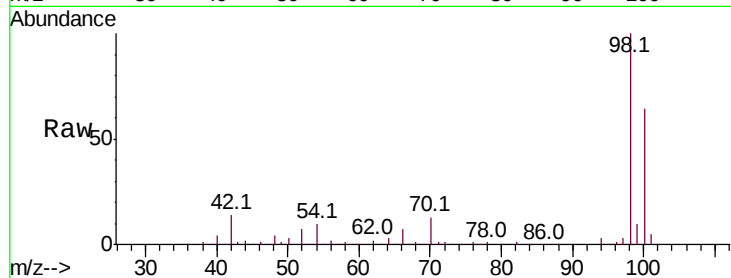
CG-SOIL-2

Tot Ion: 98 Resp: 260929

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

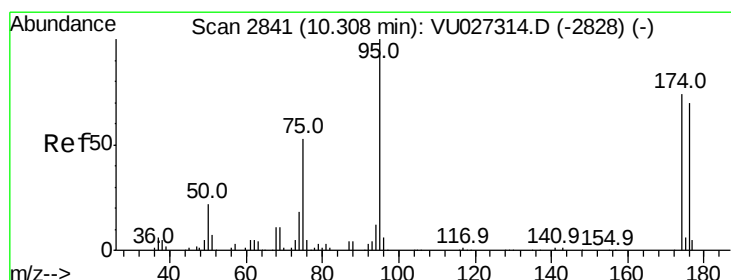
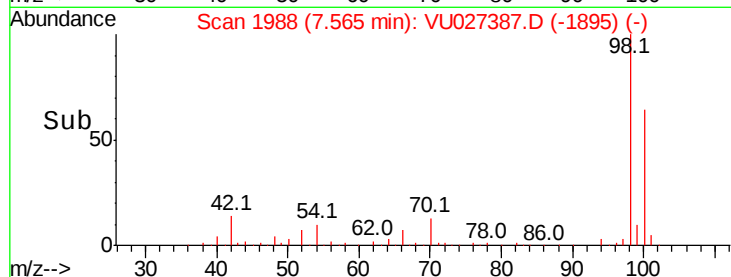
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.789 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027387.D

Acq: 04 Oct 2018 03:41

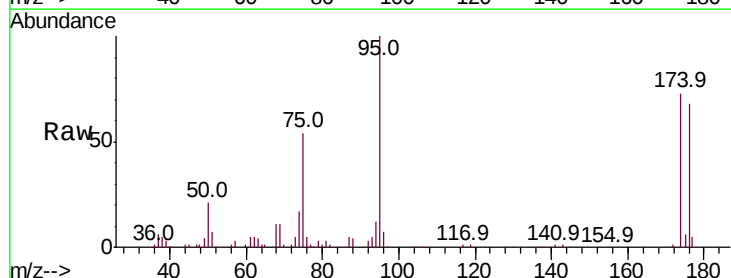
Tgt Ion: 95 Resp: 90754

Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.8

176 70.2 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

10.31

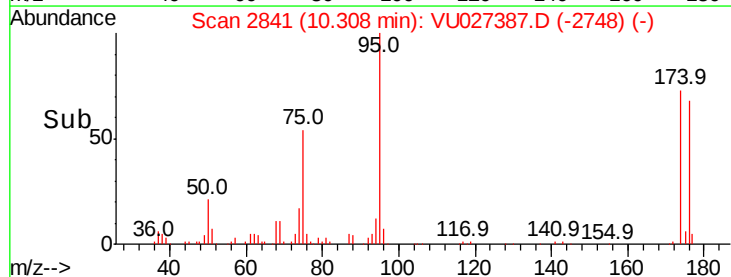
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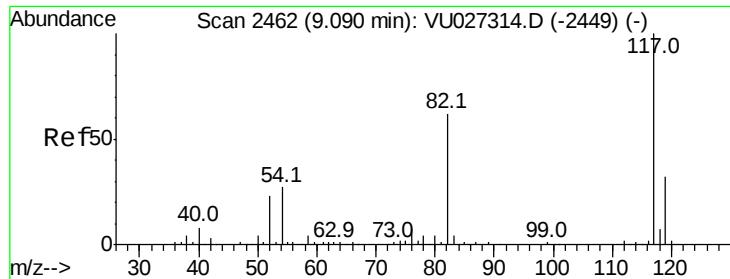
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Time-->

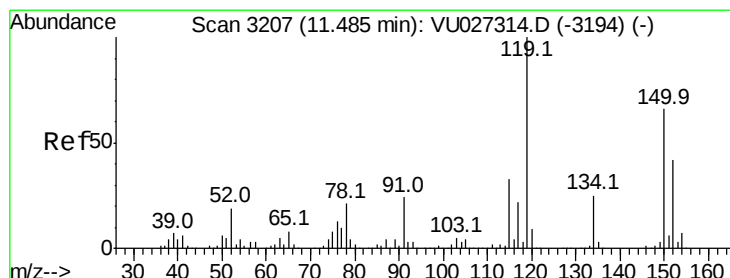
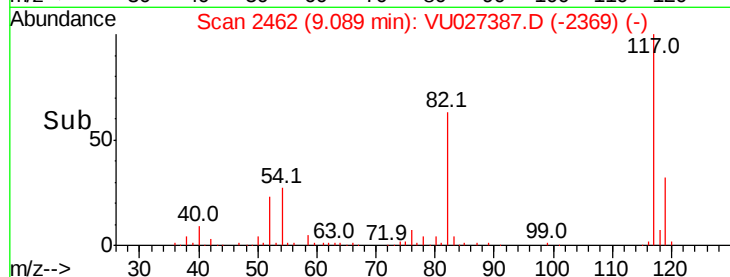
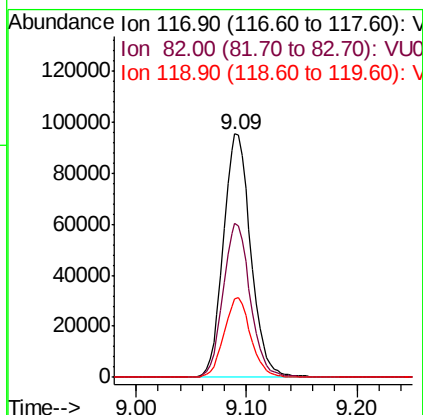
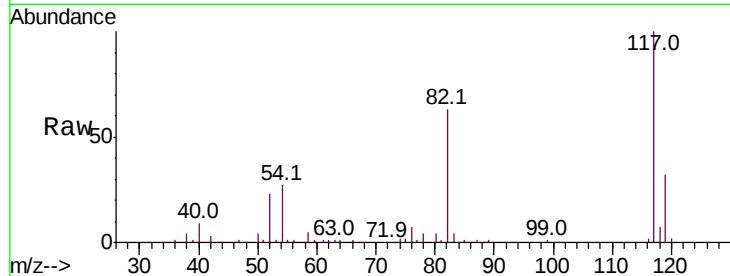




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027387.D
Acq: 04 Oct 2018 03:41

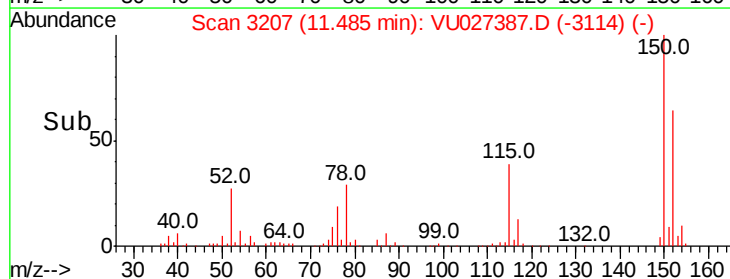
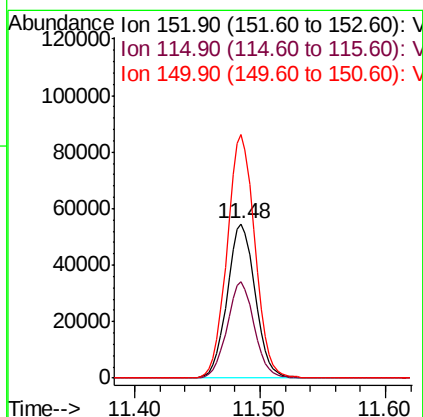
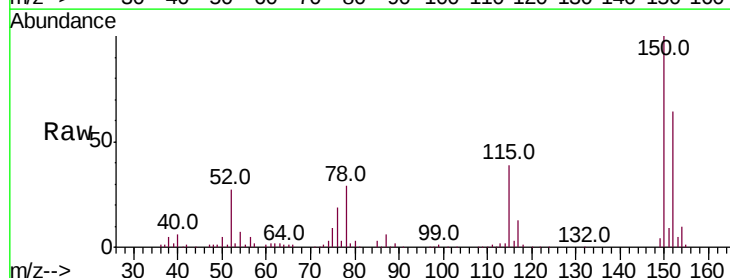
Instrument :
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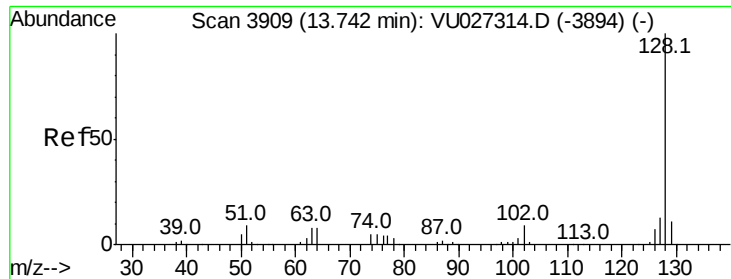
Tot Ion:117 Resp: 164622
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027387.D
Acq: 04 Oct 2018 03:41

Tgt Ion:152 Resp: 84501
Ion Ratio Lower Upper
152 100
115 60.6 43.4 130.2
150 156.9 0.0 349.2

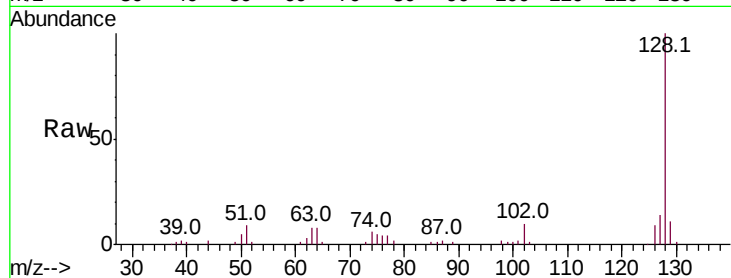




#95
 Naphthalene
 Concen: 9.092 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027387.D
 Acq: 04 Oct 2018 03:41

Instrument :
 MSVOA_U
 ClientSampleId :
 CG-SOIL-2

Tot Ion:128 Resp: 49113
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.5 15.7
 129 10.6 8.6 12.8



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

