

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004364.D
 Acq On : 05 Sep 2018 11:49
 Operator : JC/MD
 Sample : J4699-04ME
 Misc : 6.27g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CG-SOIL-2

Quant Time: Sep 06 01:09:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	254129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	406635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250675	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	176280	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	5.50	113	148657	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.71	98	579267	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	226772	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

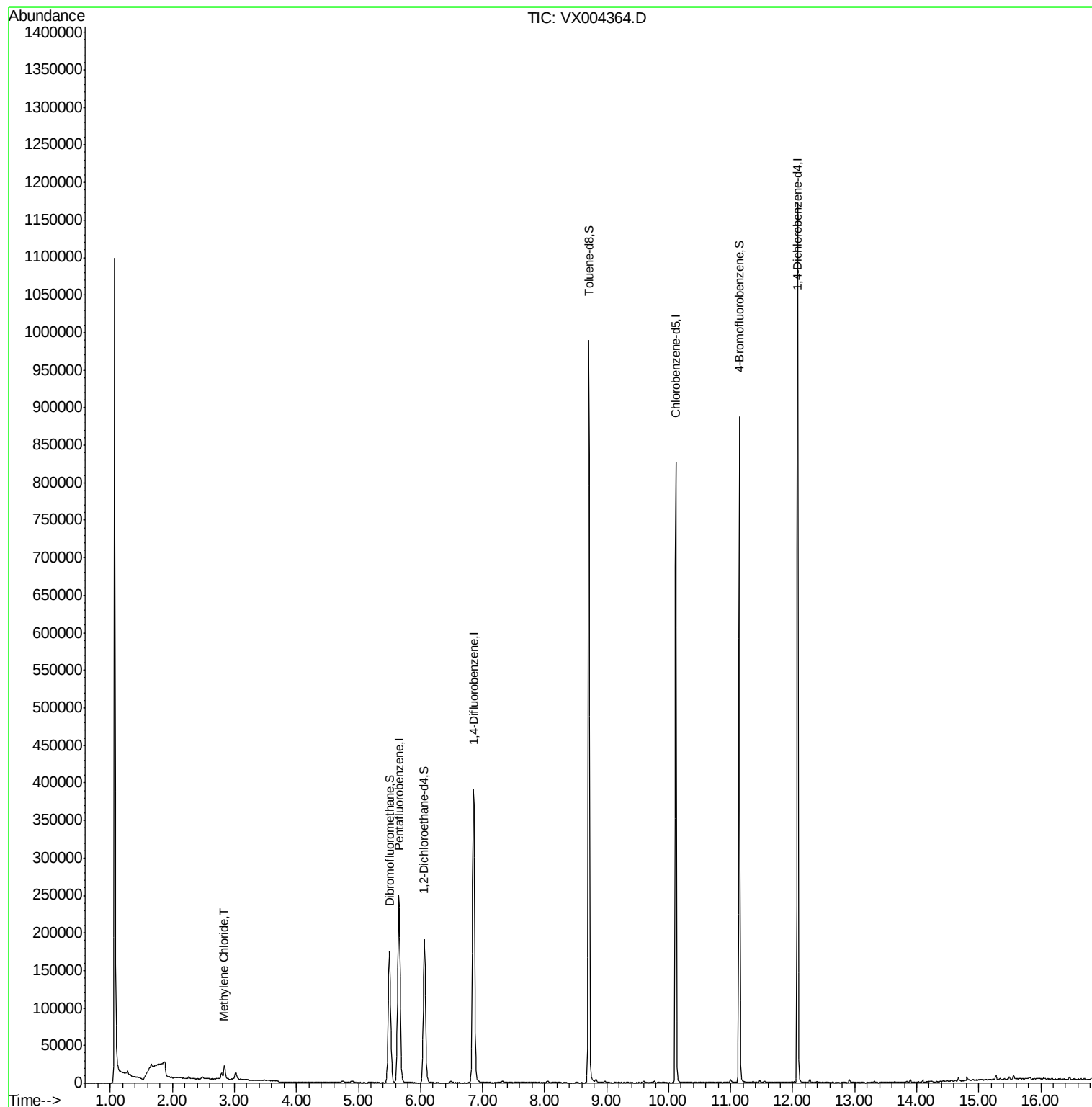
Target Compounds						Qvalue
20) Methylene Chloride	2.84	84	9219	2.89	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX004364.D

Acq: 05 Sep 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

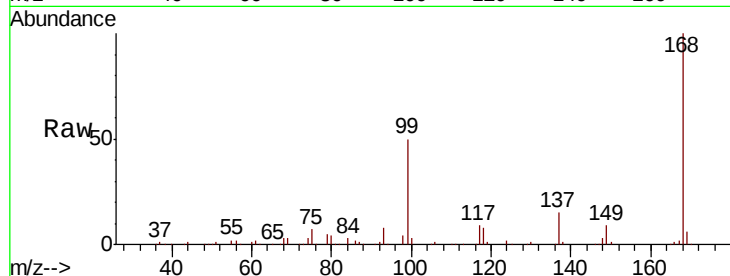
CG-SOIL-2

Tot Ion:168 Resp: 254129

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

60000

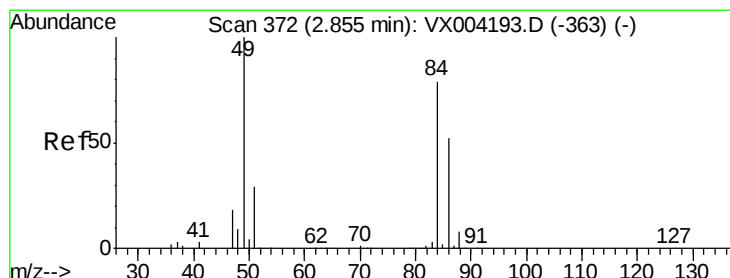
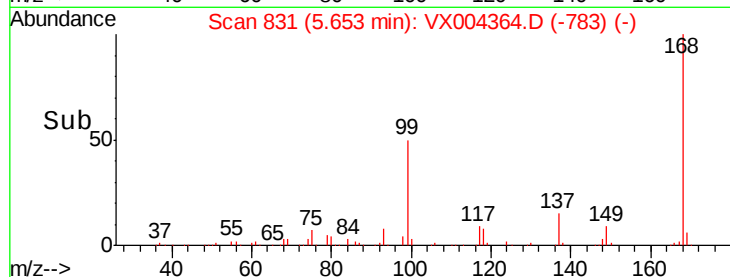
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.89 ug/l

RT: 2.84 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX004364.D

Acq: 05 Sep 2018 11:49

Tgt Ion: 84 Resp: 9219

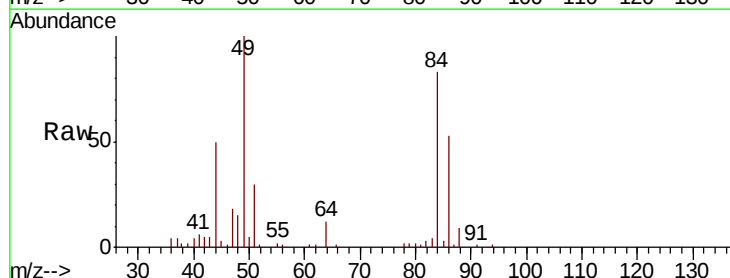
Ion Ratio Lower Upper

84 100

49 121.0 101.2 151.8

51 35.8 29.5 44.3

86 64.1 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

8000

6000

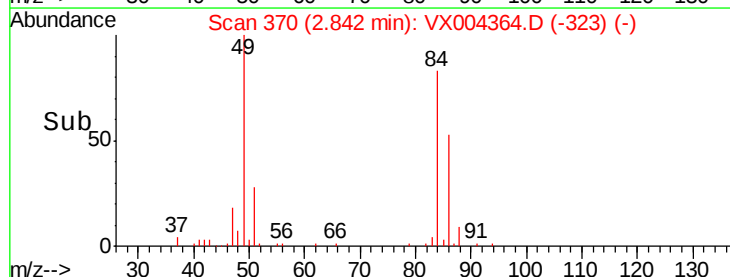
4000

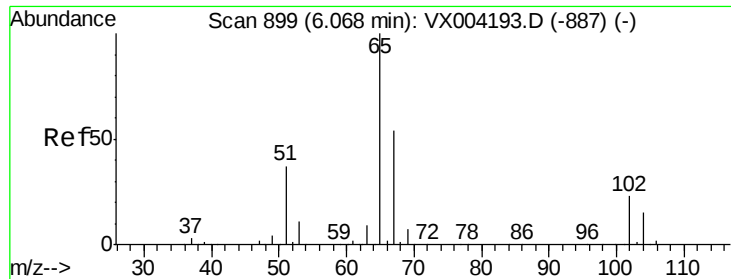
2000

0

Time-->

2.75 2.80 2.85 2.90 2.95

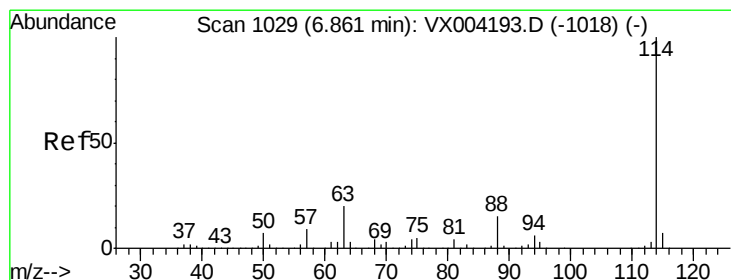
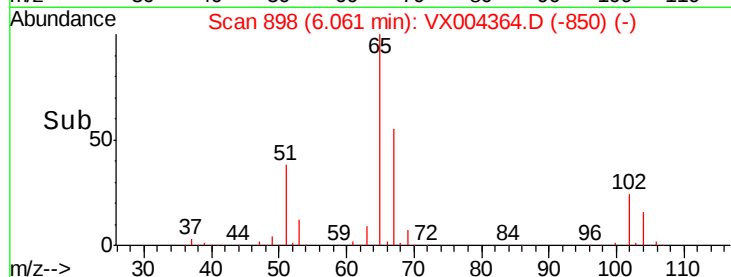
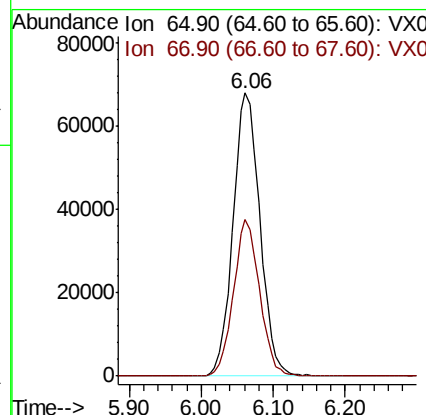
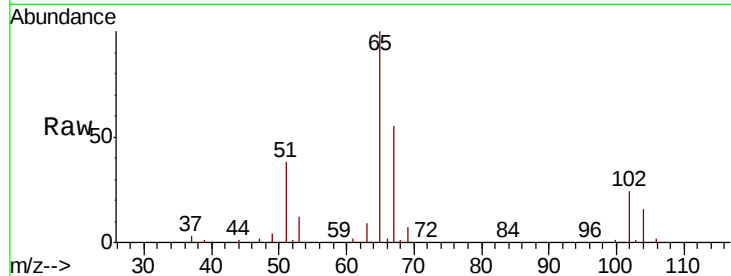




#33
 1,2-Dichloroethane-d4
 Concen: 53.22 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX004364.D
 Acq: 05 Sep 2018 11:49

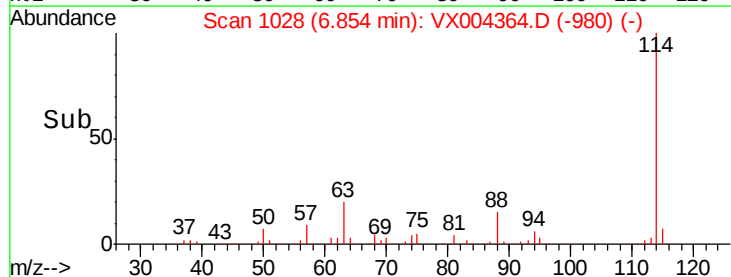
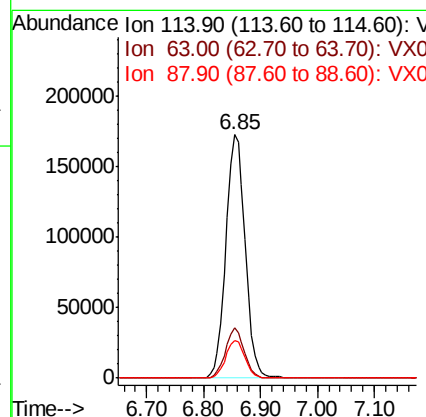
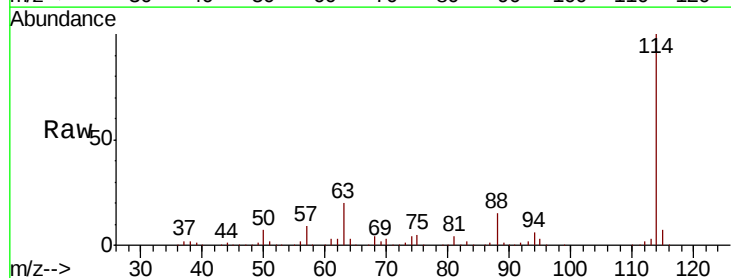
Instrument :
 MSVOA_X
 ClientSampleId :
 CG-SOIL-2

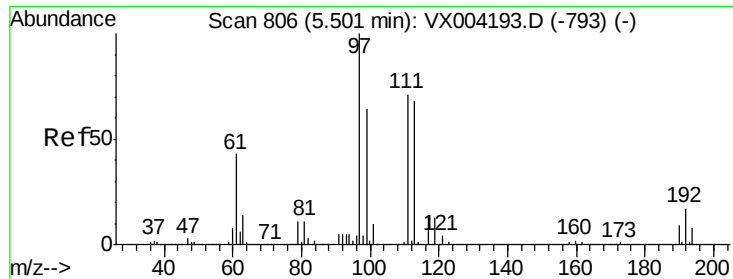
Tot Ion: 65 Resp: 176280
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: VX004364.D
 Acq: 05 Sep 2018 11:49

Tgt Ion: 114 Resp: 406635
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 15.4 0.0 30.4

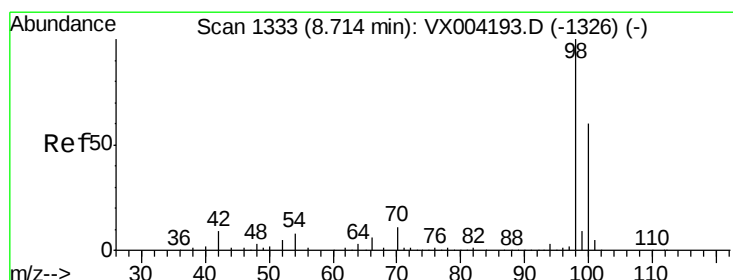
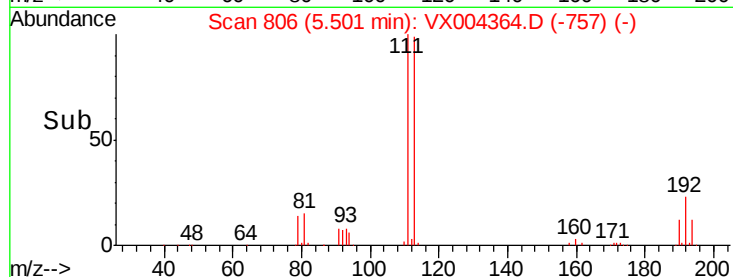
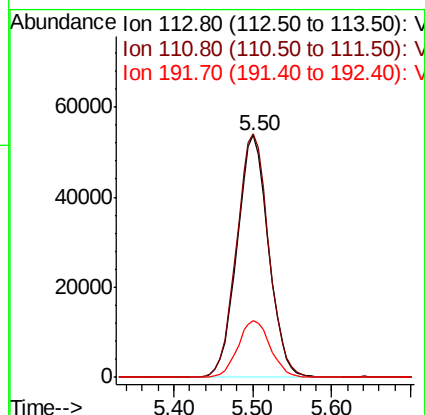
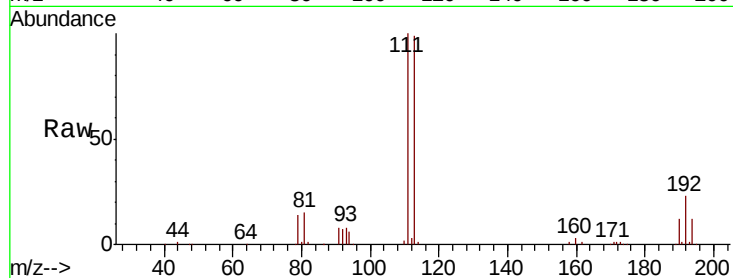




#35
 Dibromofluoromethane
 Concen: 49.14 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004364.D
 Acq: 05 Sep 2018 11:49

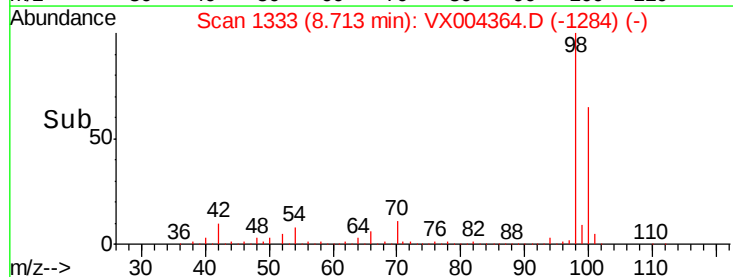
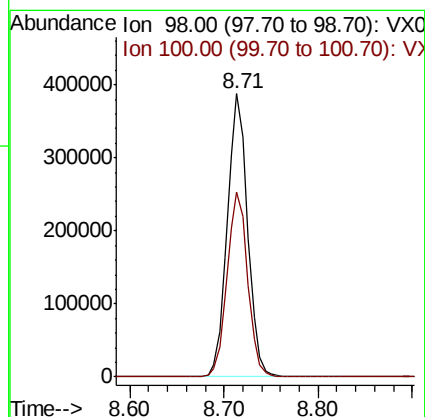
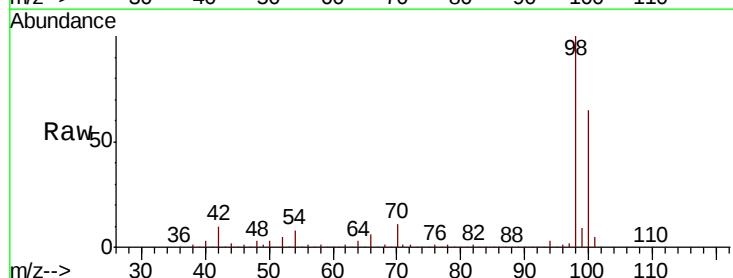
Instrument :
 MSVOA_X
 ClientSampleId :
 CG-SOIL-2

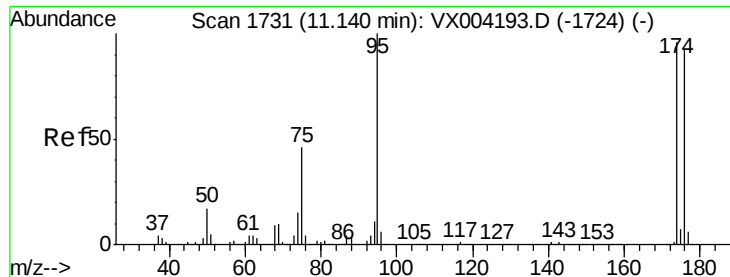
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	24.1	19.4	29.2



#50
 Toluene-d8
 Concen: 50.73 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: VX004364.D
 Acq: 05 Sep 2018 11:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3

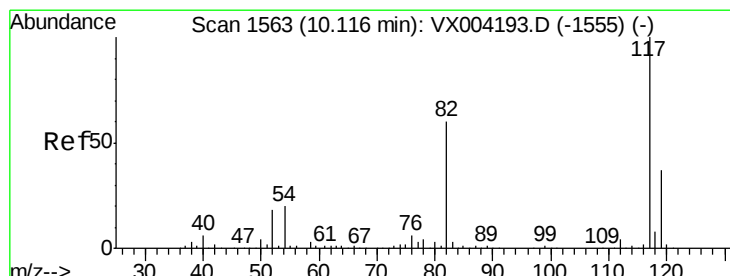
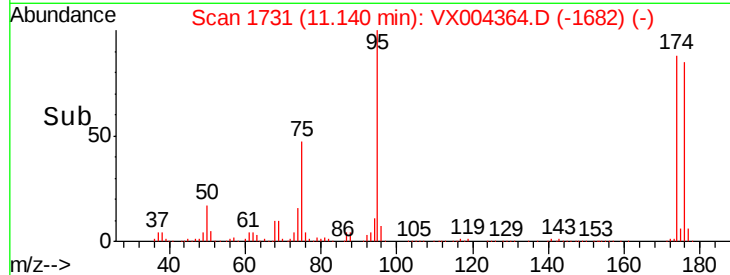
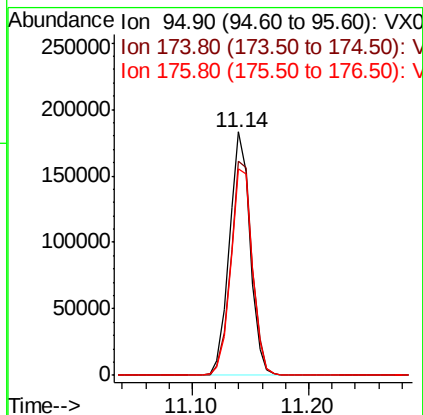
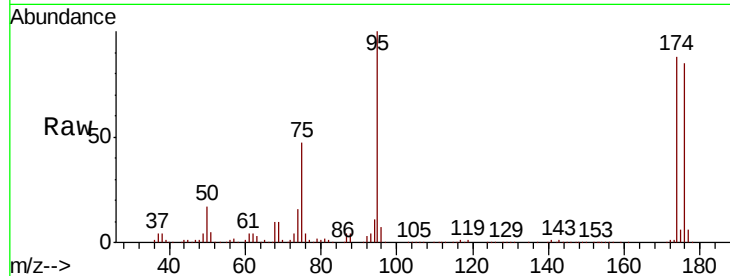




#62
4-Bromofluorobenzene
Concen: 53.23 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004364.D
Acq: 05 Sep 2018 11:49

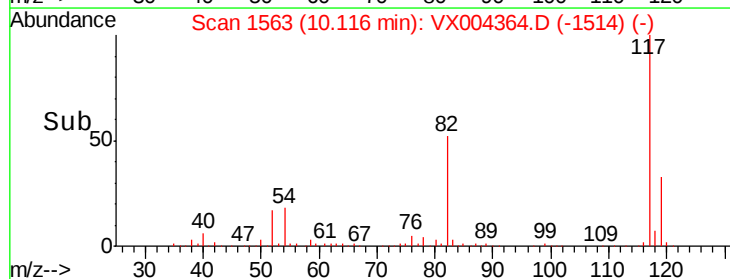
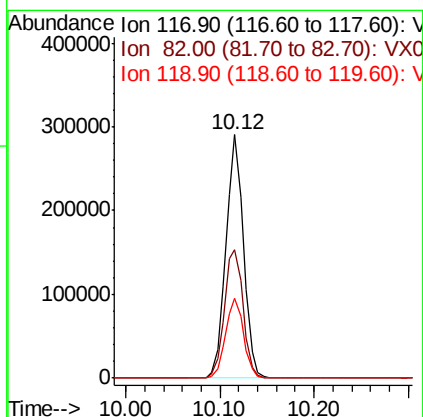
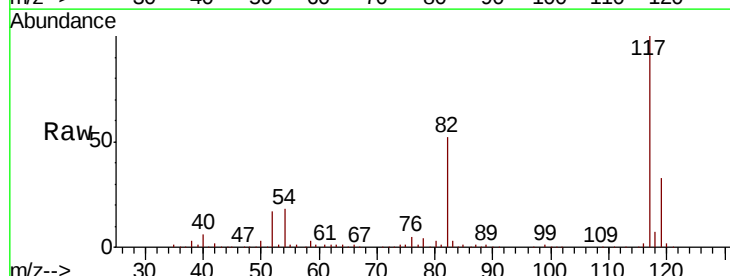
Instrument :
MSVOA_X
ClientSampled :
CG-SOIL-2

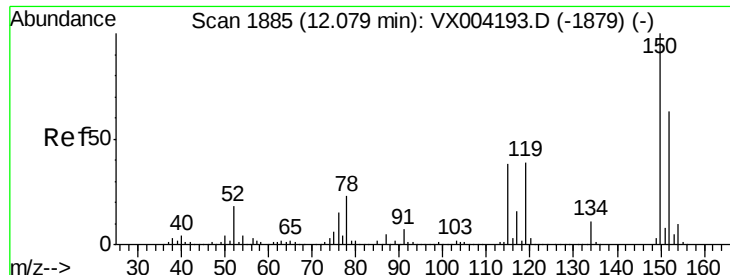
Tot Ion: 95 Resp: 226772
Ion Ratio Lower Upper
95 100
174 91.6 0.0 185.2
176 88.6 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004364.D
Acq: 05 Sep 2018 11:49

Tgt Ion: 117 Resp: 375614
Ion Ratio Lower Upper
117 100
82 52.5 47.8 71.6
119 32.6 29.3 43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004364.D

Acq: 05 Sep 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

CG-SOIL-2

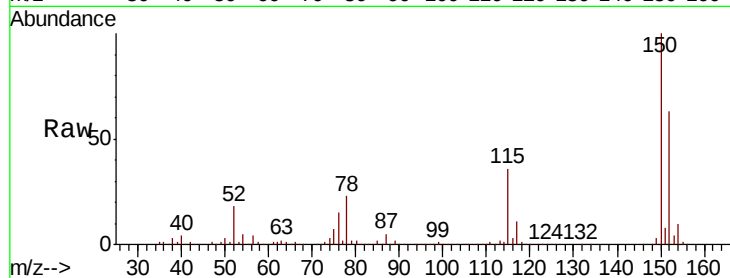
Tot Ion:152 Resp: 250675

Ion Ratio Lower Upper

152 100

115 54.7 39.0 117.0

150 155.7 0.0 351.0



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

