

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060746.D
 Acq On : 15 Nov 2018 14:55
 Operator : VA/AP
 Sample : J5932-01
 Misc : 7.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CG-SOIL

Manual Integrations
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 11/16/2018 1:25:48 PM

Quant Time: Nov 16 04:49:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	257135	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	437747	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	416019	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	220329	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	115832	39.49	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.98%	
35) Dibromofluoromethane	4.10	113	148322	45.08	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.16%	
50) Toluene-d8	7.54	98	344211	40.03	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	80.06%	
62) 4-Bromofluorobenzene	11.40	95	178930	45.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
20) Methylene Chloride	2.17	84	16115m	5.17	ug/l	Qvalue
30) Chloroform	3.84	83	17606	2.55	ug/l	95
95) Naphthalene	14.45	128	16045	1.77	ug/l	98

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

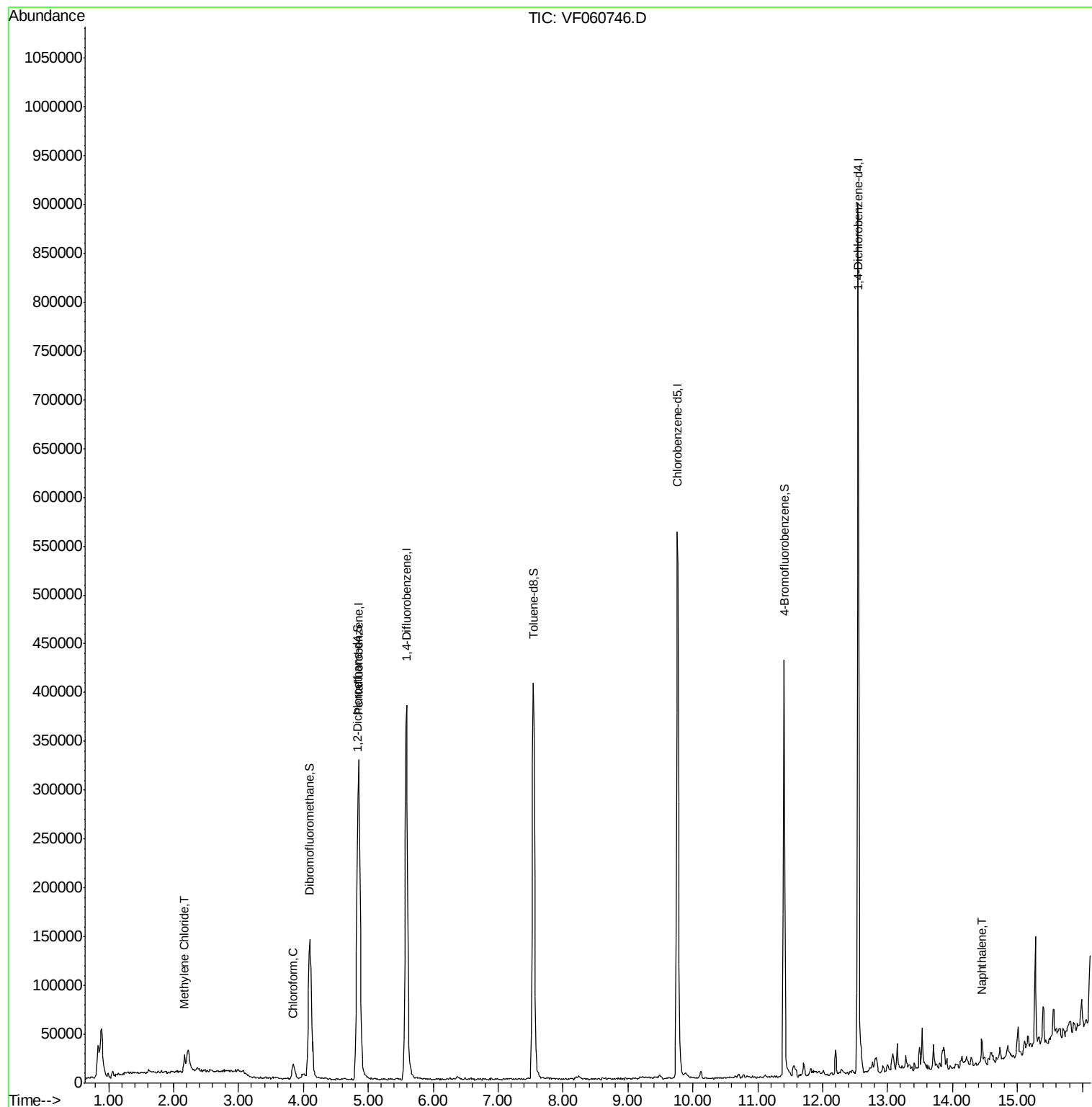
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060746.D
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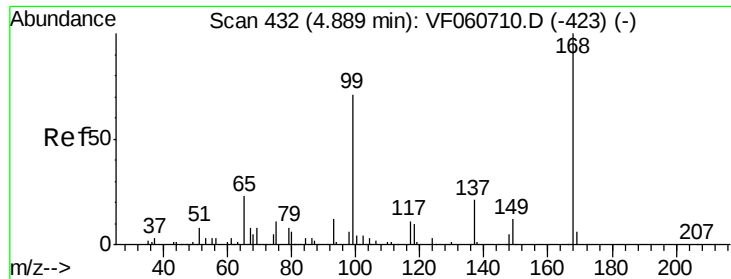
Instrument :
MSVOA_F
ClientSampleId :
CG-SOIL

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Quant Time: Nov 16 04:49:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF060746.D

Acq: 15 Nov 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

CG-SOIL

Tgt Ion: 168 Resp: 257135

Ion Ratio Lower Upper

168 100

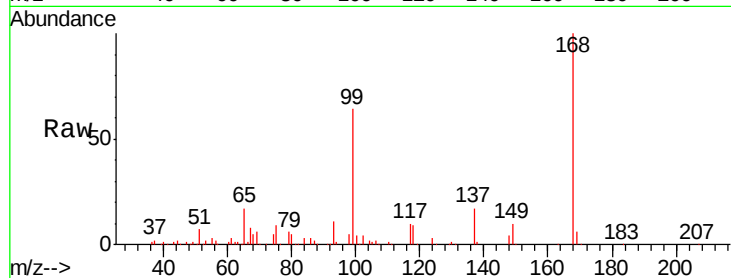
99 63.6 57.2 85.8

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF060710.D (-423) (-)

Ion 99.00 (98.70 to 99.70): VF060710.D (-423) (-)

4.86

80000

60000

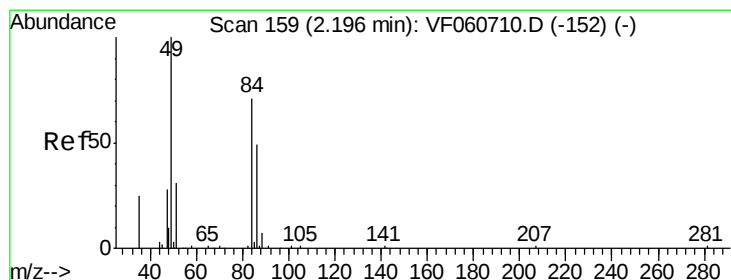
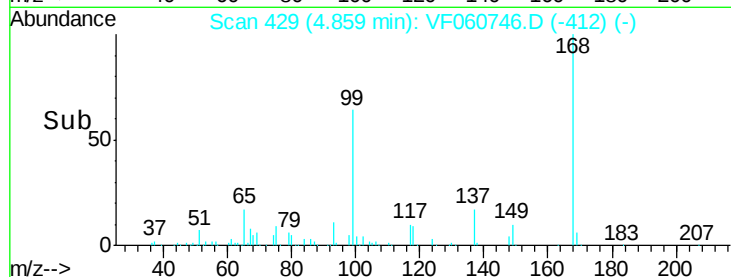
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 5.17 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.03 min

Lab File: VF060746.D

Acq: 15 Nov 2018 14:55

Tgt Ion: 84 Resp: 16115

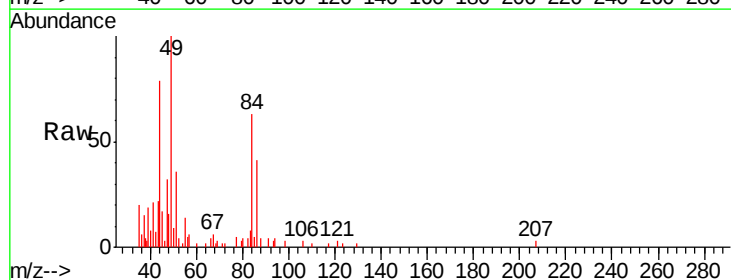
Ion Ratio Lower Upper

84 100

49 157.6 120.2 180.4

51 57.0 37.2 55.8#

86 65.4 55.1 82.7



Abundance Ion 84.00 (83.70 to 84.70): VF060710.D (-152) (-)

Ion 49.00 (48.70 to 49.70): VF060710.D (-152) (-)

Ion 51.00 (50.70 to 51.70): VF060710.D (-152) (-)

Ion 86.00 (85.70 to 86.70): VF060710.D (-152) (-)

2.17

6000

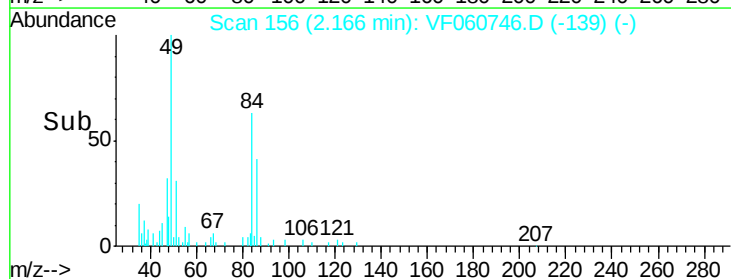
4000

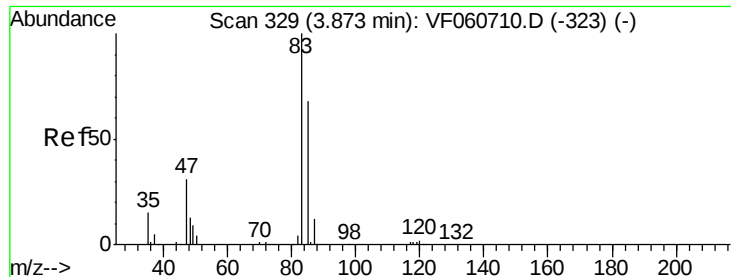
2000

0

Time-->

2.10 2.20 2.30





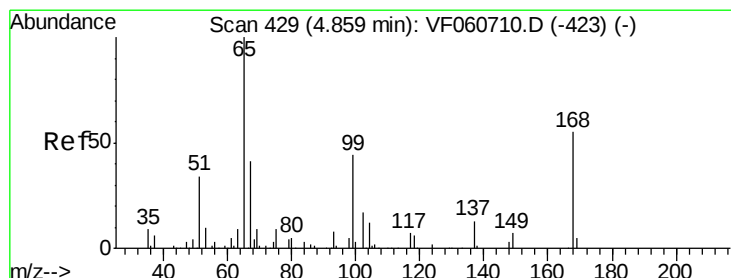
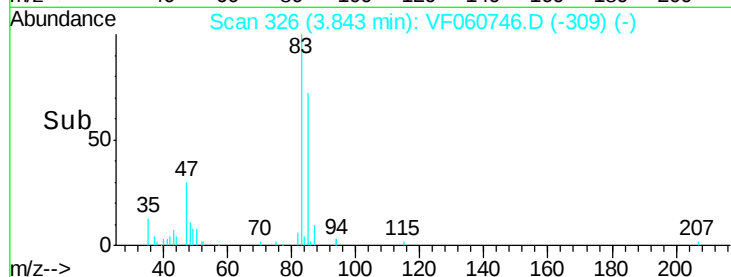
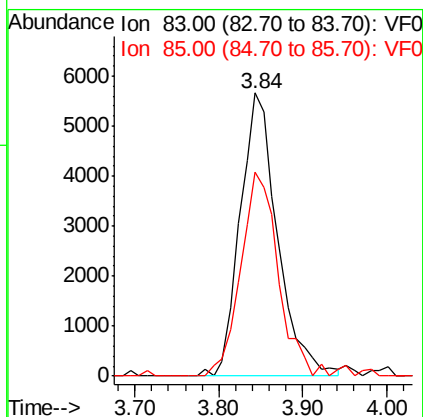
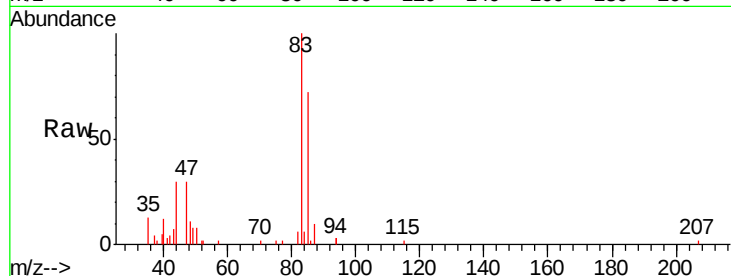
#30
Chloroform
Concen: 2.55 ug/l
RT: 3.84 min Scan# 326
Delta R.T. -0.03 min
Lab File: VF060746.D
Acq: 15 Nov 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
CG-SOIL

Tgt Ion: 83 Resp: 17606
Ion Ratio Lower Upper
83 100
85 72.2 54.6 82.0

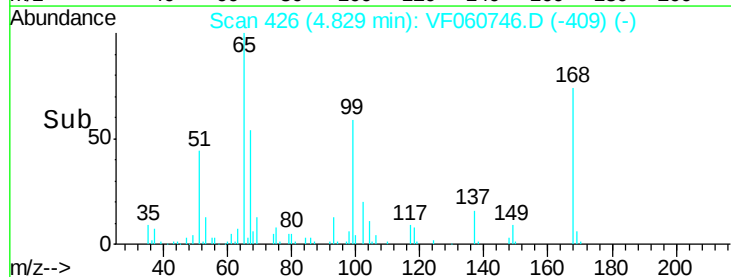
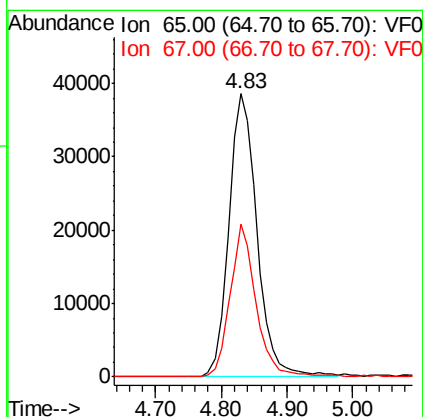
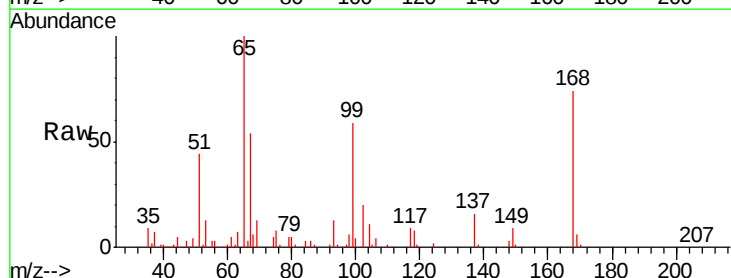
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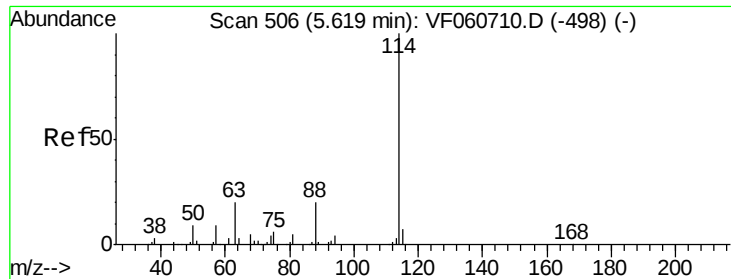
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#33
1,2-Dichloroethane-d4
Concen: 39.49 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF060746.D
Acq: 15 Nov 2018 14:55

Tgt Ion: 65 Resp: 115832
Ion Ratio Lower Upper
65 100
67 53.8 0.0 90.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.03 min

Lab File: VF060746.D

Acq: 15 Nov 2018 14:55

Instrument :

MSVOA_F

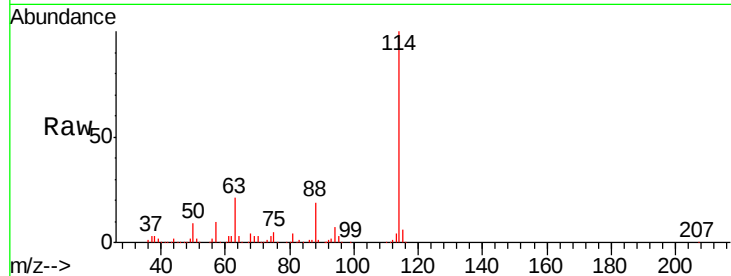
ClientSampleId :

CG-SOIL

Tgt Ion:	114	Resp:	437747
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	40.8
88	18.6	0.0	39.6

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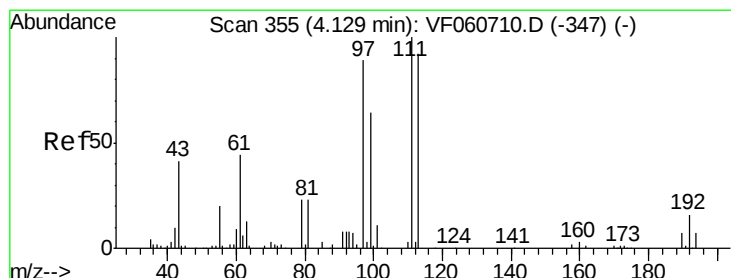
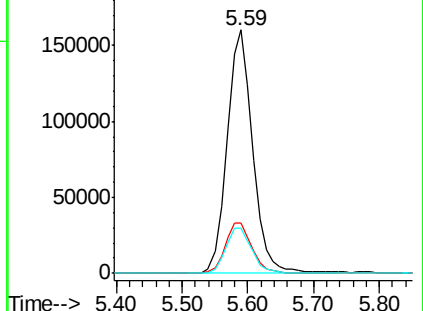
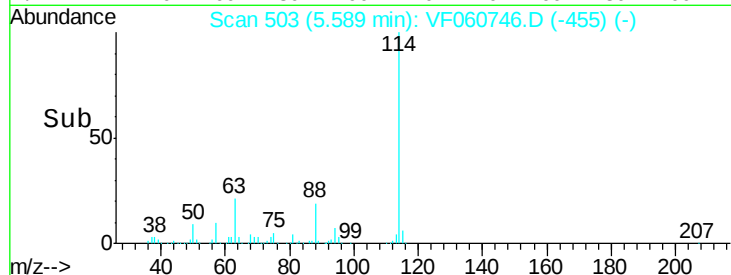
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 45.08 ug/l

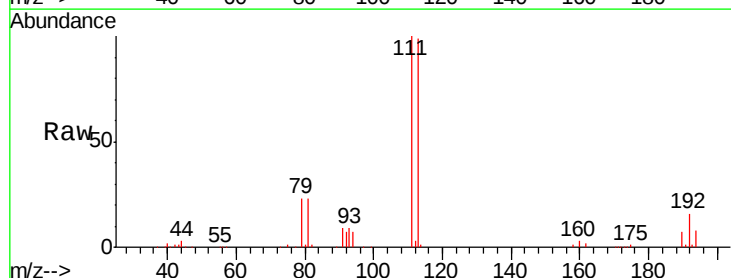
RT: 4.10 min Scan# 352

Delta R.T. -0.03 min

Lab File: VF060746.D

Acq: 15 Nov 2018 14:55

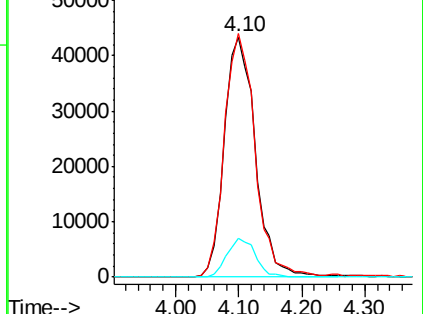
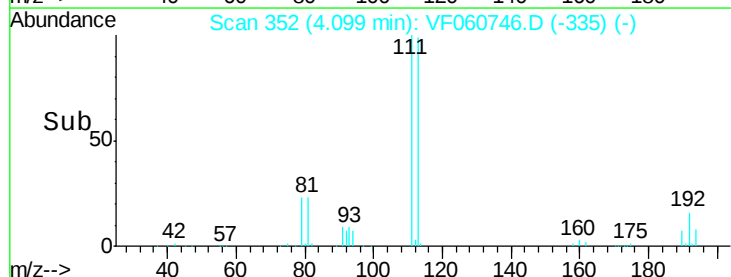
Tgt Ion:	113	Resp:	148322
Ion Ratio	Lower	Upper	
113	100		
111	101.3	87.1	130.7
192	16.7	13.8	20.6

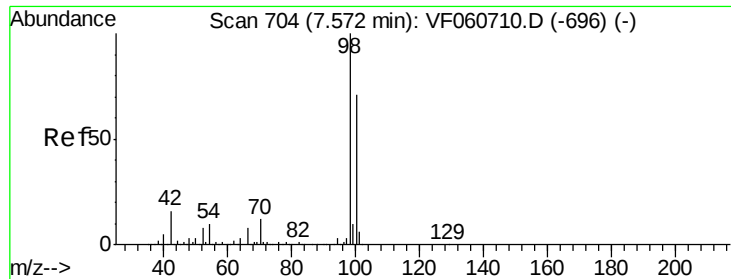


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.03 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.03 min

Lab File: VF060746.D

Acq: 15 Nov 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

CG-SOIL

Tgt Ion: 98 Resp: 344211

Ion Ratio Lower Upper

98 100

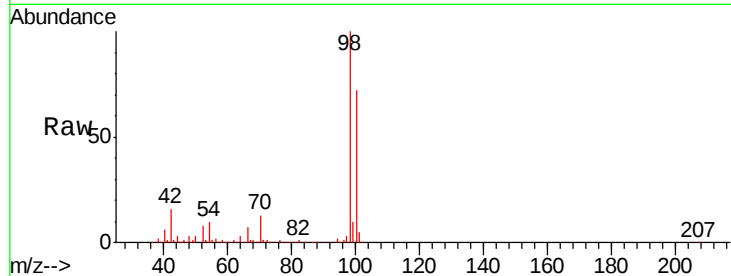
100 72.4 56.5 84.7

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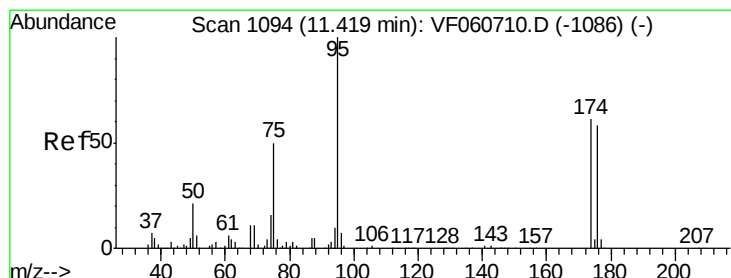
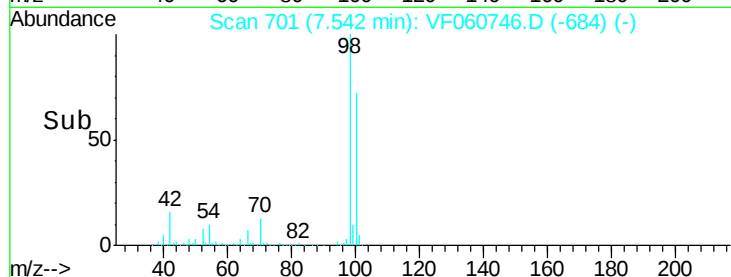
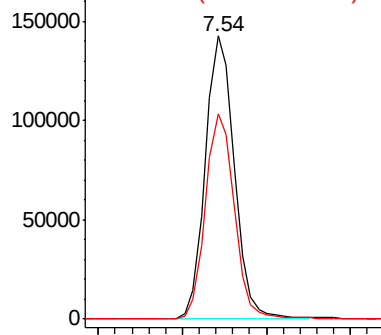
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 45.59 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF060746.D

Acq: 15 Nov 2018 14:55

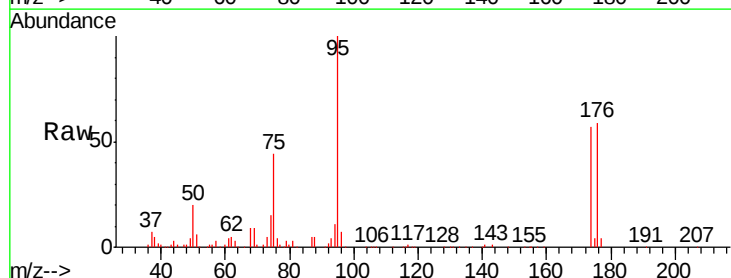
Tgt Ion: 95 Resp: 178930

Ion Ratio Lower Upper

95 100

174 56.9 0.0 121.6

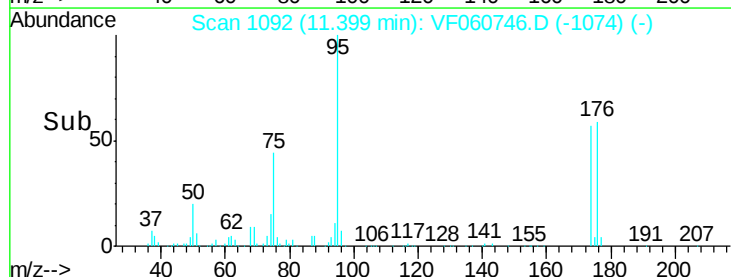
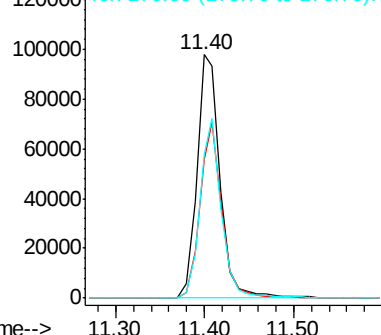
176 59.3 0.0 115.2

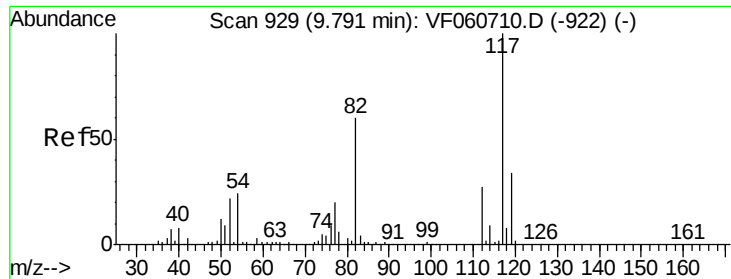


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





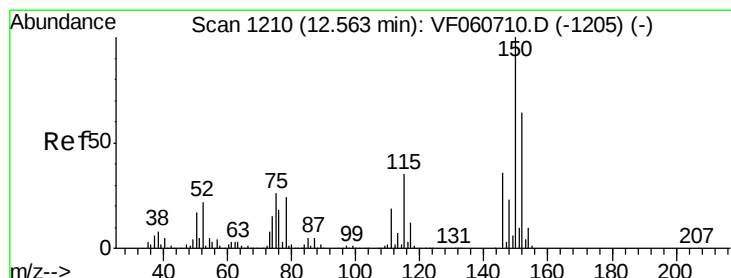
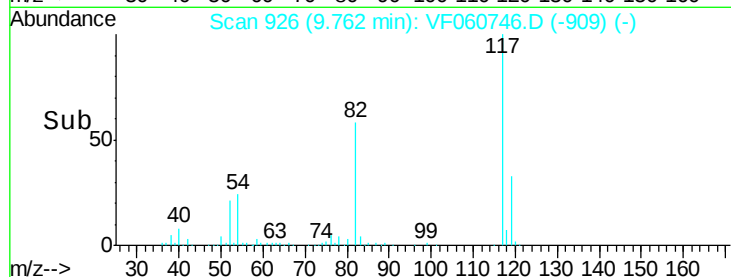
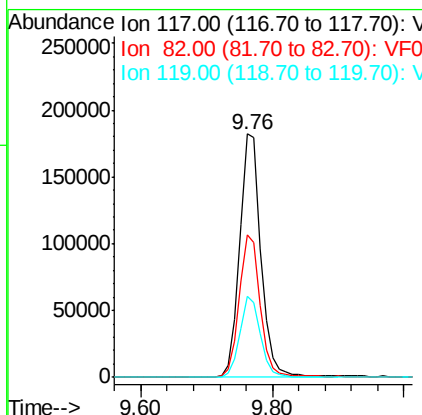
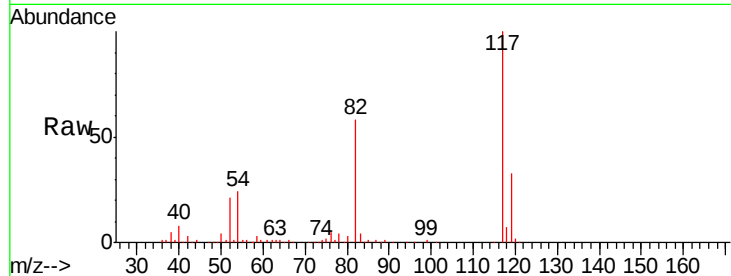
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF060746.D
Acq: 15 Nov 2018 14:55

Instrument :
MSVOA_F
ClientSampled :
CG-SOIL

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	416019		
82	58.3	47.9	71.9	
119	33.4	26.8	40.2	

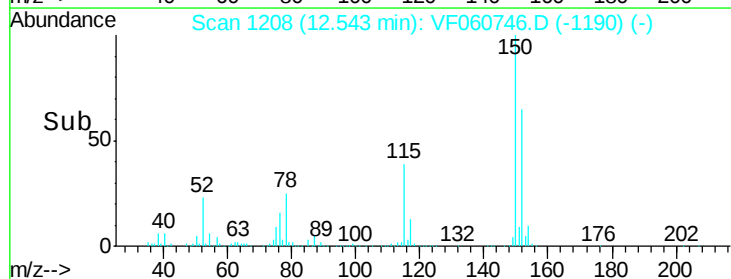
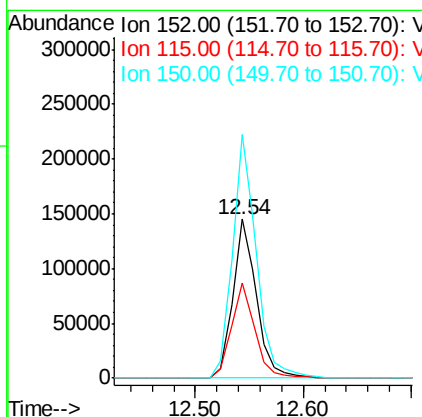
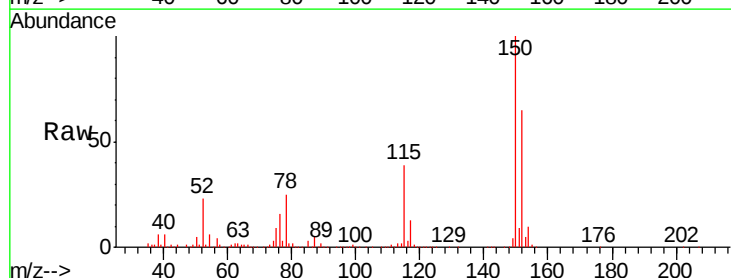
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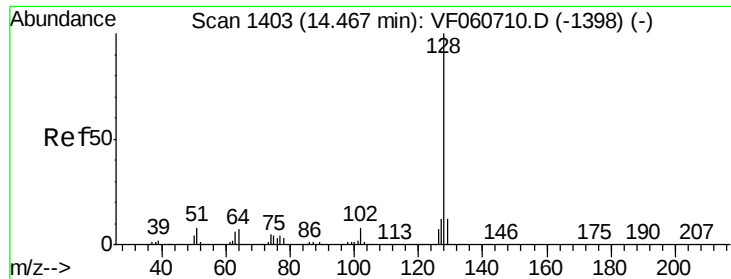
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060746.D
Acq: 15 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	220329		
115	60.1	27.9	83.7	
150	153.5	0.0	316.4	





#95
Naphthalene
Concen: 1.77 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF060746.D
Acq: 15 Nov 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
CG-SOIL

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	11.4	9.8	14.6
129	12.1	9.3	13.9

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