

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060445.D
 Acq On : 4 Oct 2018 19:33
 Operator : VA/AP
 Sample : J5212-05
 Misc : 5.75/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CG-SOIL-2

Manual Integrations
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Quant Time: Oct 05 01:24:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	182027	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	335594	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	290548	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	152294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	171409	60.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	120.36%	
35) Dibromofluoromethane	4.28	113	176396	55.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.90%	
50) Toluene-d8	7.70	98	359692	46.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.66%	
62) 4-Bromofluorobenzene	11.50	95	158163	44.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
20) Methylene Chloride	2.32	84	26641m	8.154	ug/l	Qvalue

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

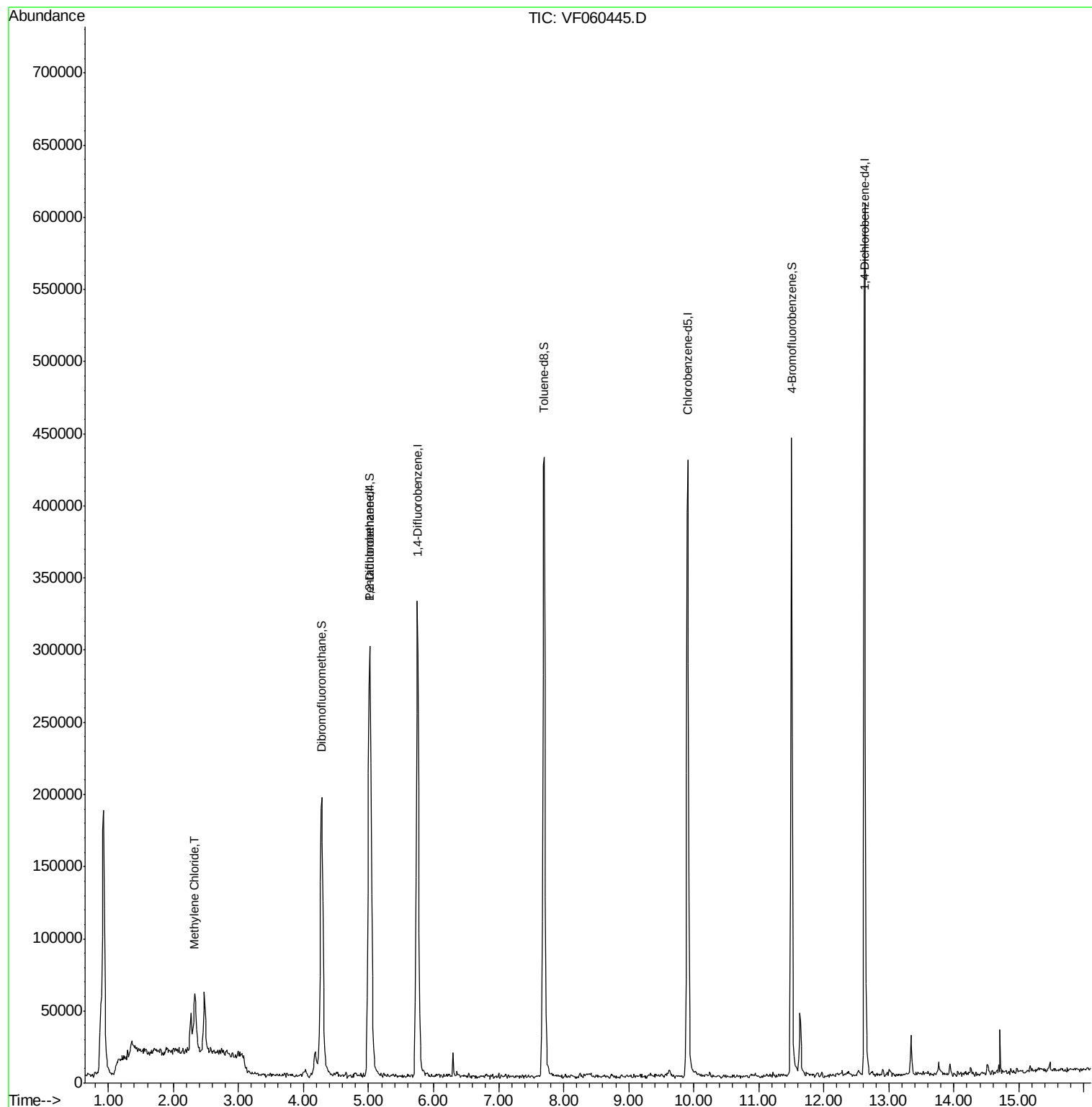
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060445.D
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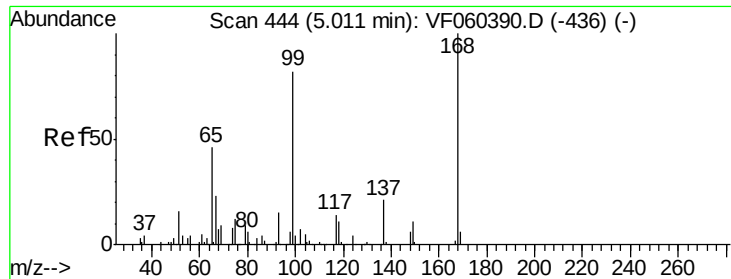
Instrument :
MSVOA_F
ClientSampleId :
CG-SOIL-2

Manual Integrations
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Quant Time: Oct 05 01:24:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.02 min

Lab File: VF060445.D

Acq: 4 Oct 2018 19:33

Instrument :

MSVOA_F

ClientSampleId :

CG-SOIL-2

Tot Ion:168 Resp: 182027

Ion Ratio Lower Upper

168 100

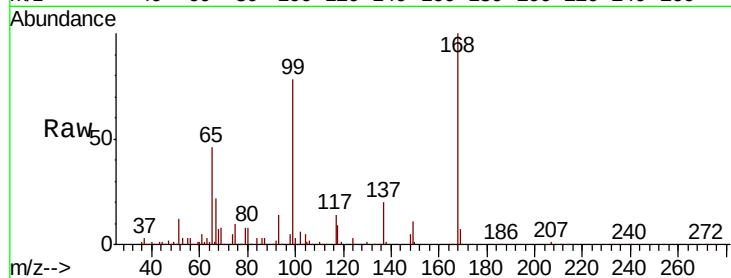
99 77.6 65.3 97.9

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

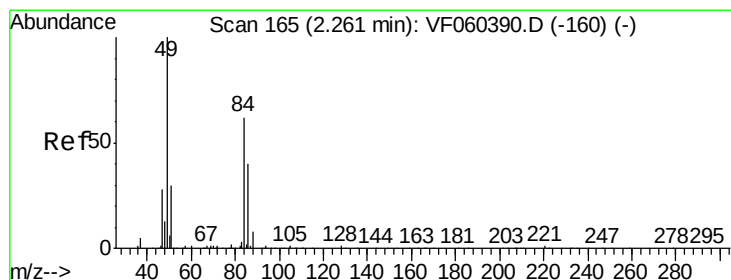
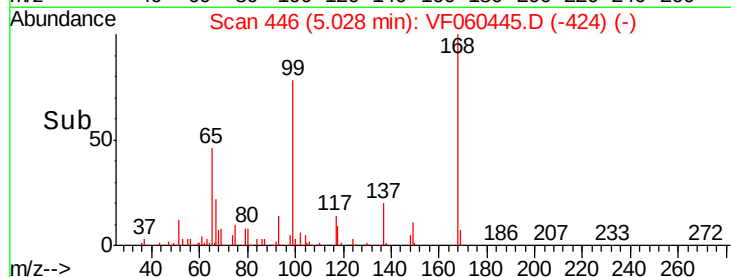
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 8.154 ug/l m

RT: 2.32 min Scan# 171

Delta R.T. 0.06 min

Lab File: VF060445.D

Acq: 4 Oct 2018 19:33

Tgt Ion: 84 Resp: 26641

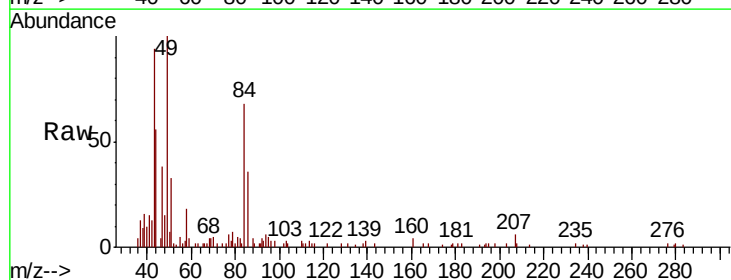
Ion Ratio Lower Upper

84 100

49 147.7 130.2 195.2

51 49.3 41.0 61.6

86 53.1 51.5 77.3



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

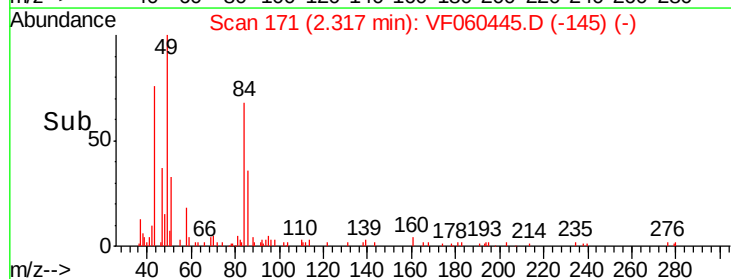
Ion 86.00 (85.70 to 86.70): VF0

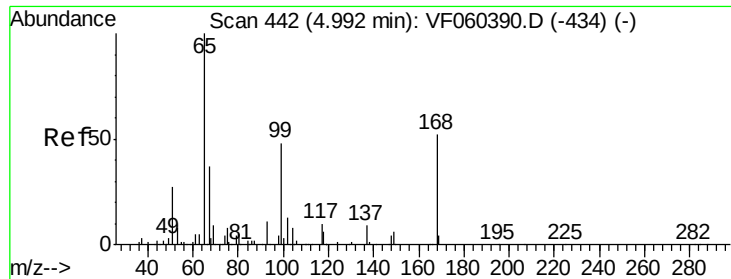
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5000

0

Time-->





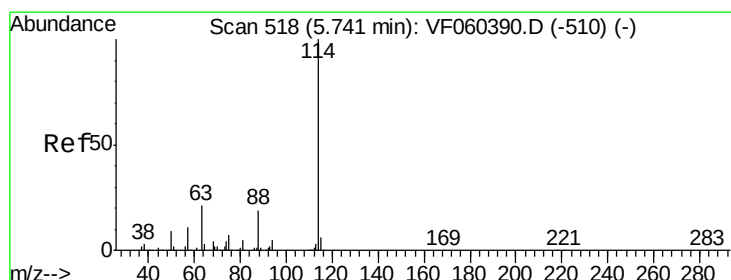
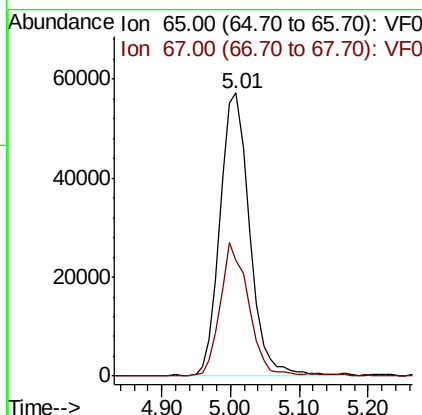
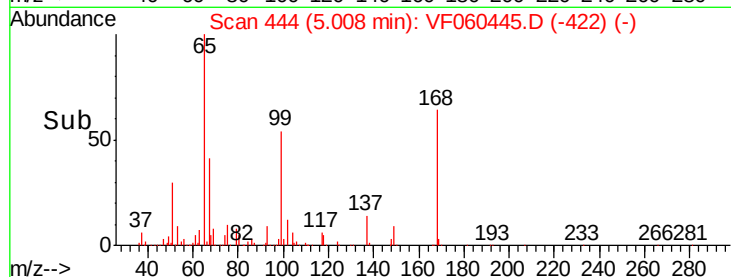
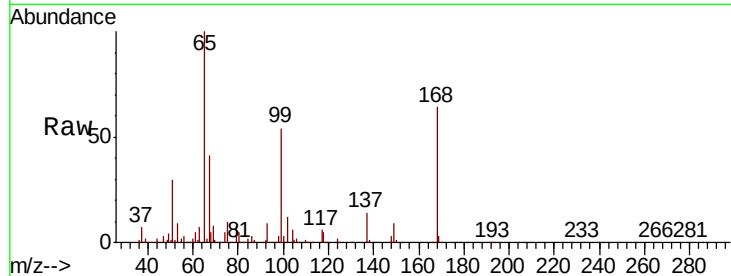
#33
 1,2-Dichloroethane-d4
 Concen: 60.179 ug/l
 RT: 5.01 min Scan# 444
 Delta R.T. 0.02 min
 Lab File: VF060445.D
 Acq: 4 Oct 2018 19:33

Instrument :
 MSVOA_F
 ClientSampleId :
 CG-SOIL-2

Tot Ion	Ratio	Lower	Upper
65	100		
67	41.0	0.0	89.4

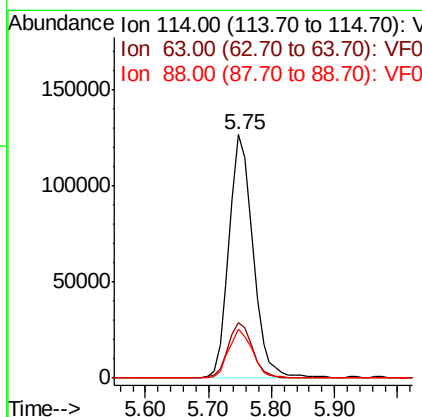
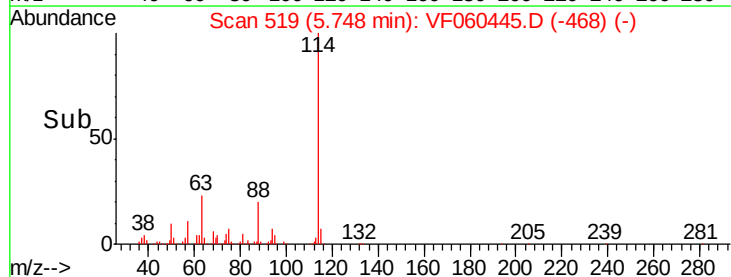
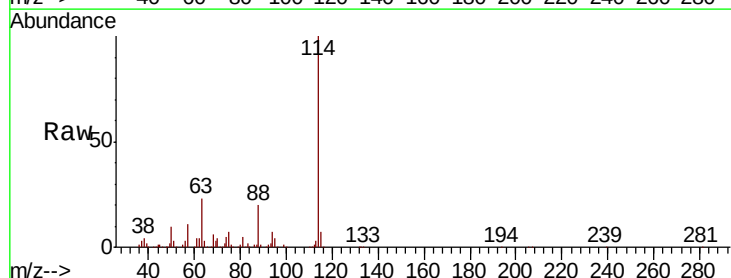
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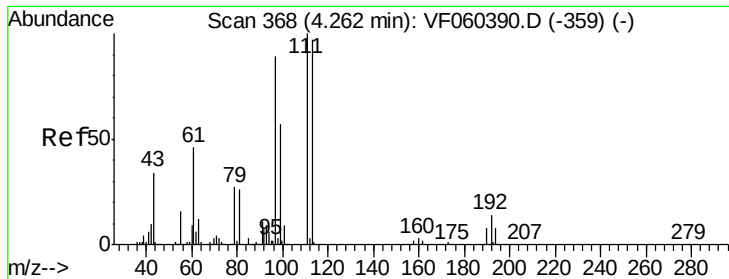
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VF060445.D
 Acq: 4 Oct 2018 19:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	42.2
88	20.3	0.0	38.8





#35

Dibromofluoromethane

Concen: 55.951 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.02 min

Lab File: VF060445.D

Acq: 4 Oct 2018 19:33

Instrument :

MSVOA_F

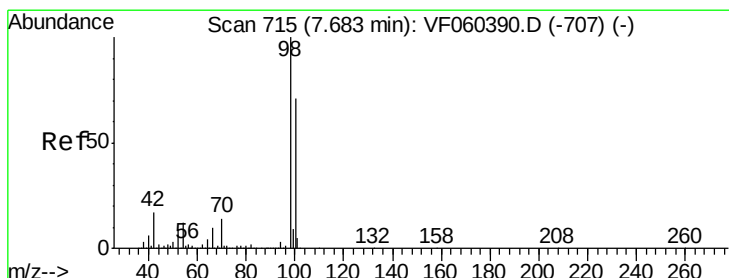
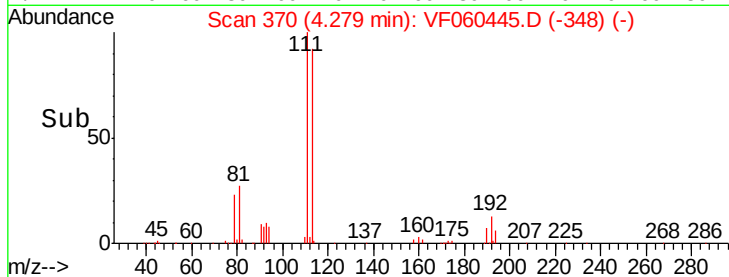
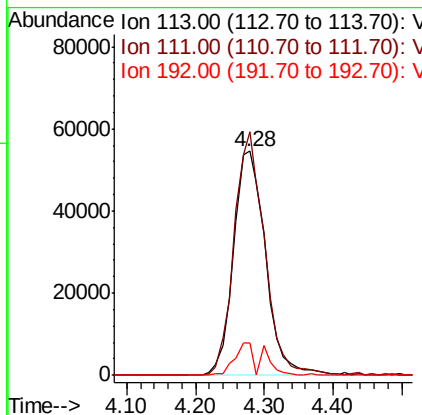
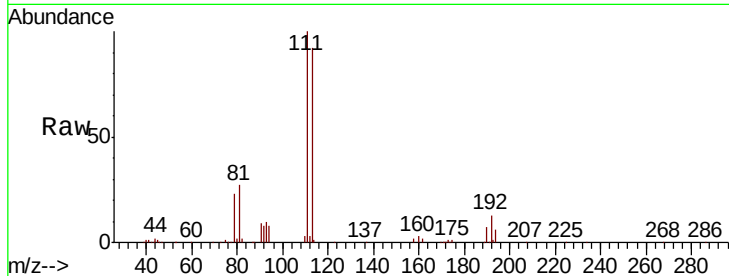
ClientSampleId :

CG-SOIL-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	108.7	82.3	123.5
192	14.2	11.8	17.6

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#50

Toluene-d8

Concen: 46.325 ug/l

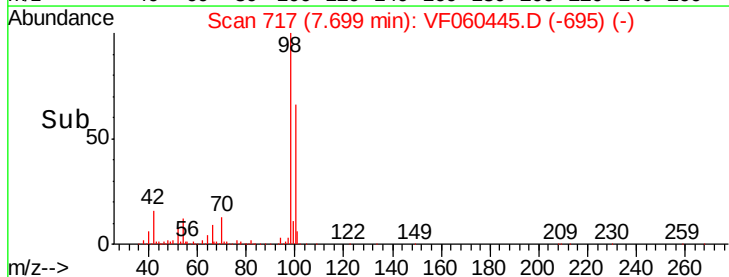
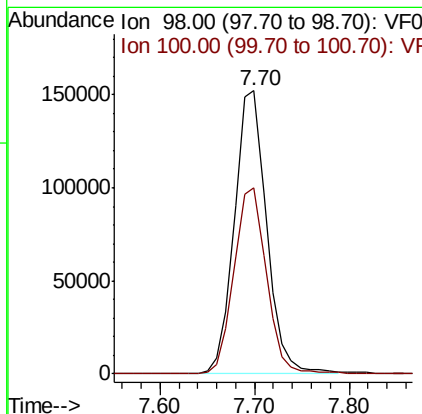
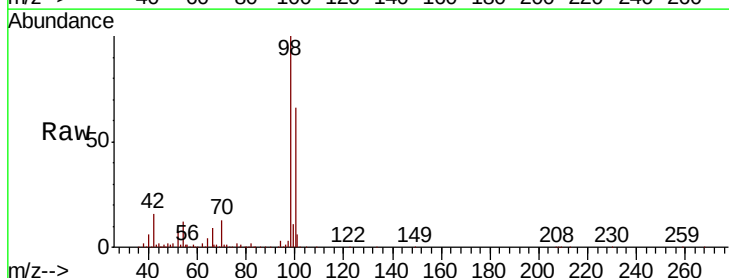
RT: 7.70 min Scan# 717

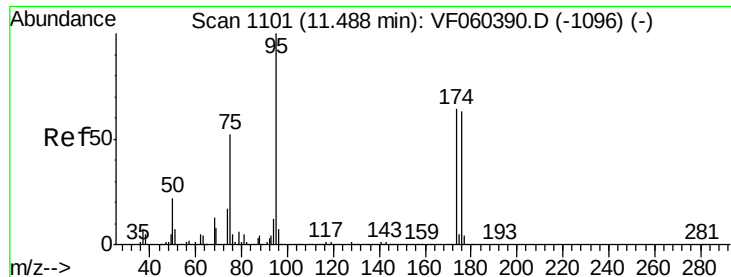
Delta R.T. 0.02 min

Lab File: VF060445.D

Acq: 4 Oct 2018 19:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 44.613 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.02 min

Lab File: VF060445.D

Acq: 4 Oct 2018 19:33

Instrument :

MSVOA_F

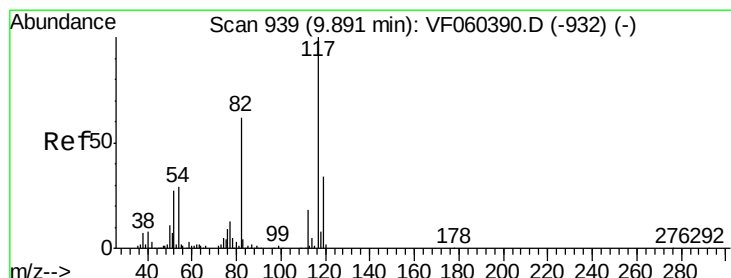
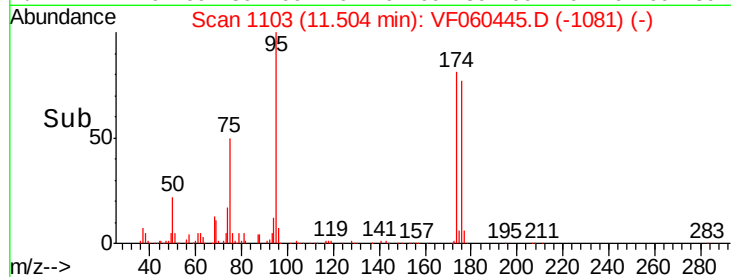
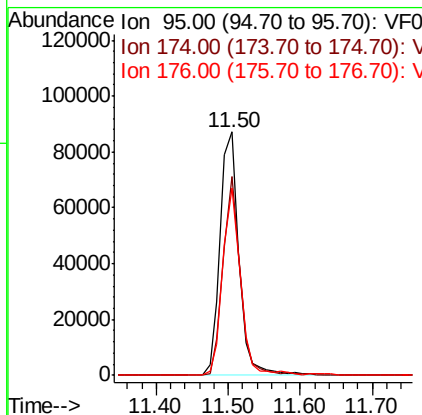
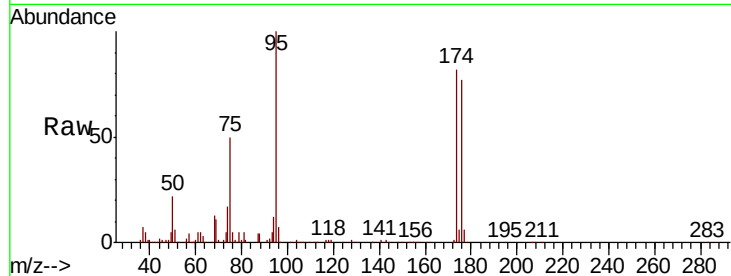
ClientSampled :

CG-SOIL-2

Tot Ion:	95	Resp:	158163
Ion Ratio	Lower	Upper	
95	100		
174	81.6	0.0	129.0
176	77.1	0.0	125.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

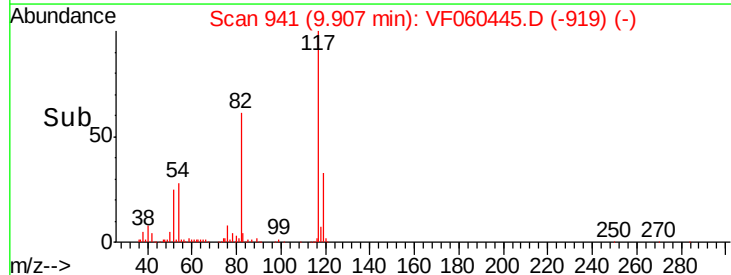
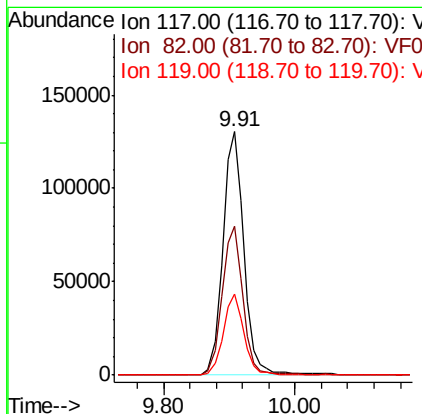
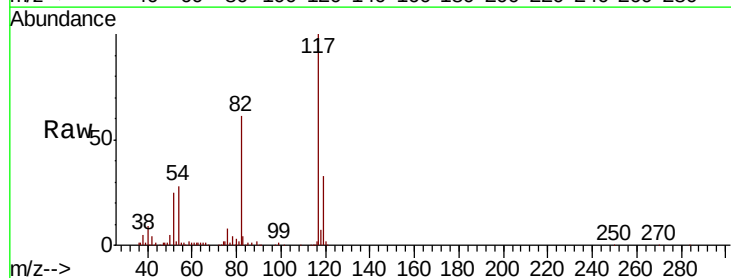
RT: 9.91 min Scan# 941

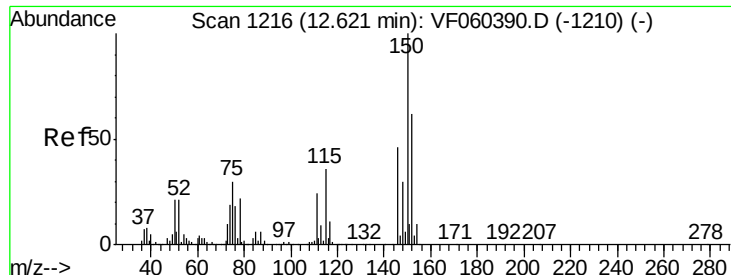
Delta R.T. 0.02 min

Lab File: VF060445.D

Acq: 4 Oct 2018 19:33

Tgt Ion:	117	Resp:	290548
Ion Ratio	Lower	Upper	
117	100		
82	61.3	49.5	74.3
119	33.1	27.0	40.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VF060445.D

Acq: 4 Oct 2018 19:33

Instrument :

MSVOA_F

ClientSampleId :

CG-SOIL-2

Tot Ion:152 Resp: 152294

Ion Ratio Lower Upper

152 100

115 60.2 28.6 85.8

150 157.6 0.0 324.6

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