

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061816.D
 Acq On : 1 Mar 2019 21:42
 Operator : VA/AP
 Sample : K1654-01RE
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-PILERE

Manual Integrations
 APPROVED

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 3/4/2019 4:02:10 PM

Quant Time: Mar 02 03:41:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	251674	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	421637	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	339144	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	172299	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	113293	61.39	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	122.78%	
35) Dibromofluoromethane	4.10	113	163879	52.34	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.68%	
50) Toluene-d8	7.54	98	397236	44.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.26%	
62) 4-Bromofluorobenzene	11.40	95	173459	47.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.26%	
Target Compounds						
16) Acetone	2.24	43	3416	8.627	ug/l	94
20) Methylene Chloride	2.24	84	24465m	9.488	ug/l	
52) Toluene	7.61	92	7001	1.057	ug/l	87

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

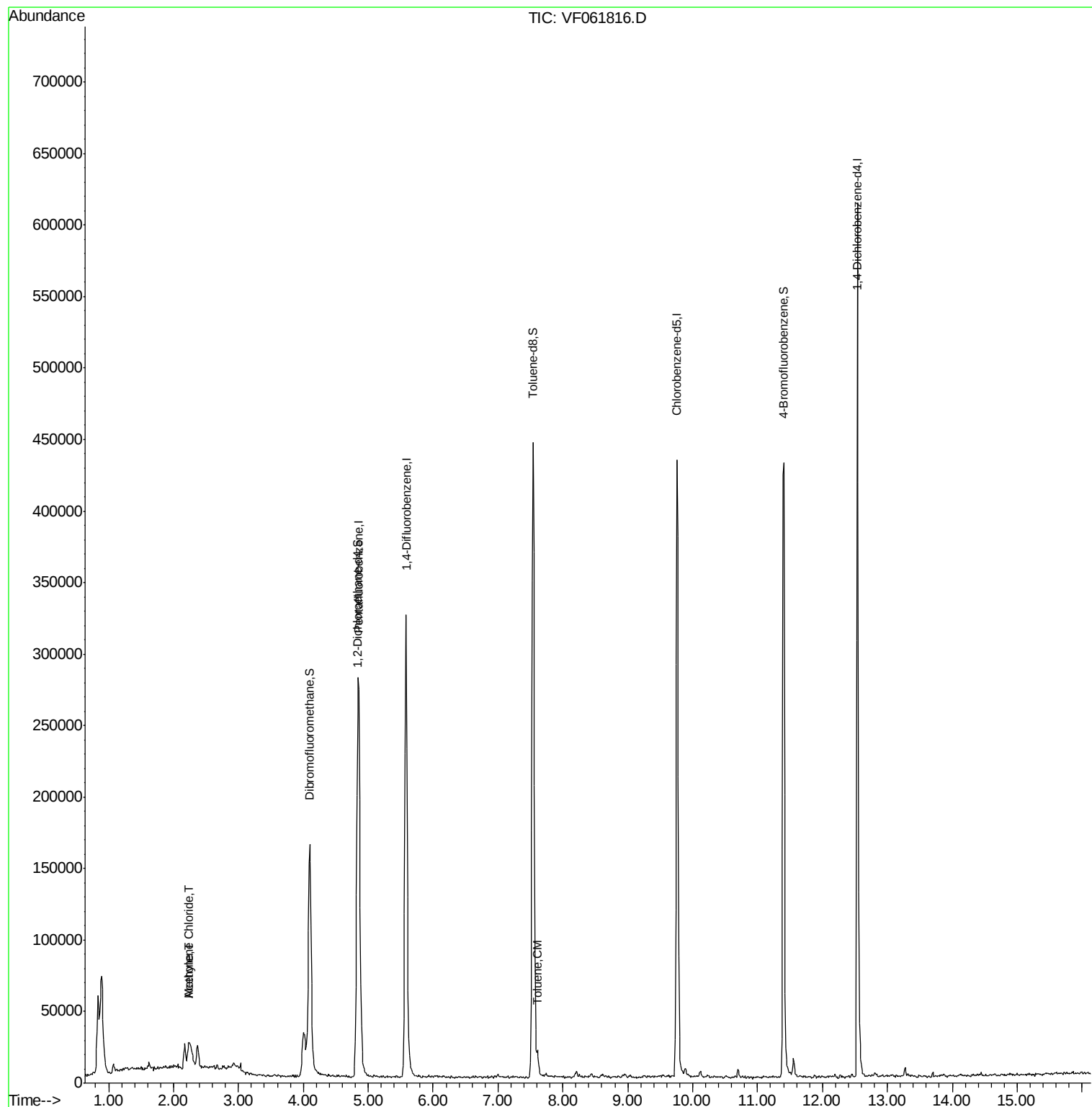
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030119\
Data File : VF061816.D
Acq On : 1 Mar 2019 21:42
Operator : VA/AP
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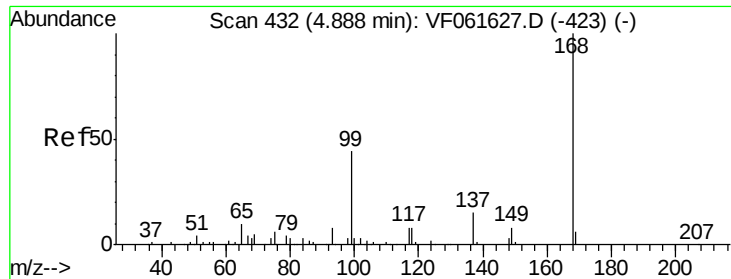
Instrument :
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ClientSampleId :
SOIL-PILERE

Manual Integrations
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Quant Time: Mar 02 03:41:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061816.D

Acq: 1 Mar 2019 21:42

Instrument :

MSVOA_F

ClientSampleId :

SOIL-PILERE

Tot Ion:168 Resp: 251674

Ion Ratio Lower Upper

168 100

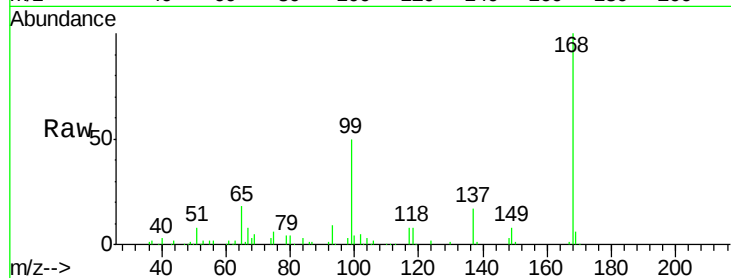
99 49.7 34.9 52.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

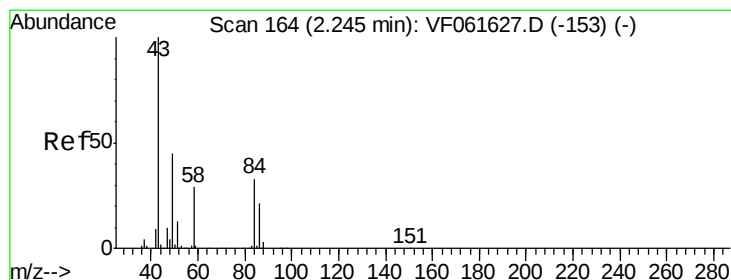
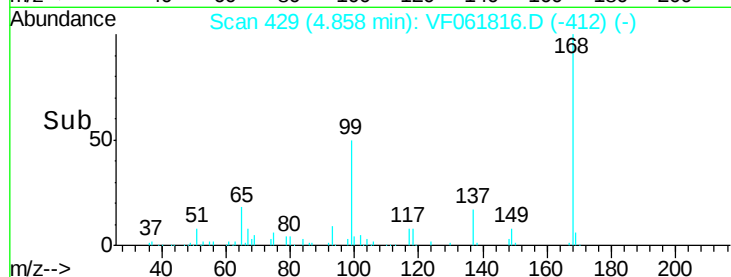
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.627 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061816.D

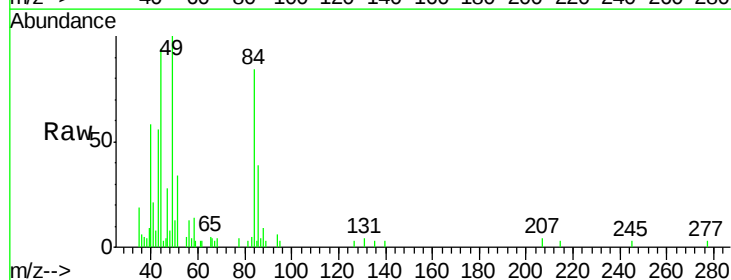
Acq: 1 Mar 2019 21:42

Tgt Ion: 43 Resp: 3416

Ion Ratio Lower Upper

43 100

58 25.4 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

3000

2500

2000

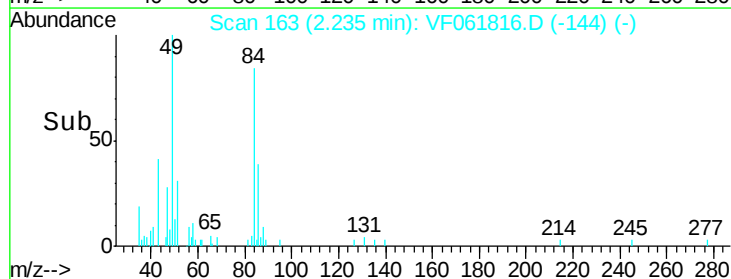
1500

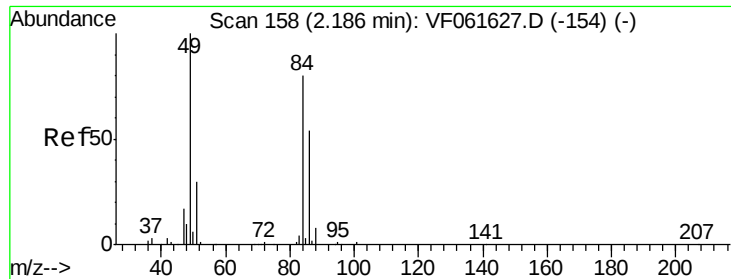
1000

500

0

Time-->





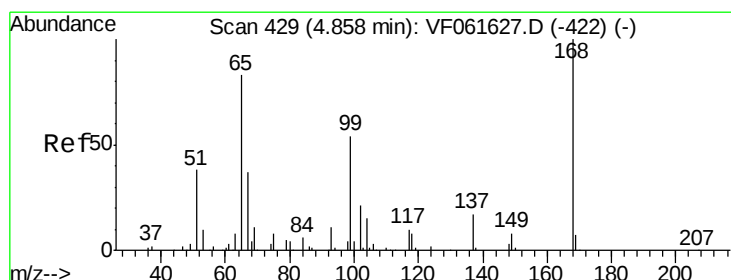
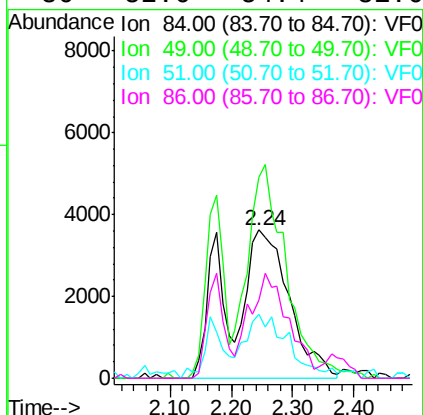
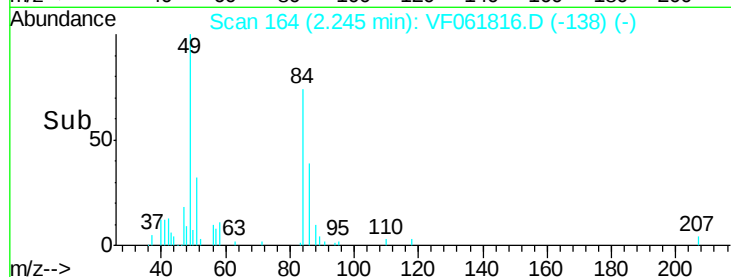
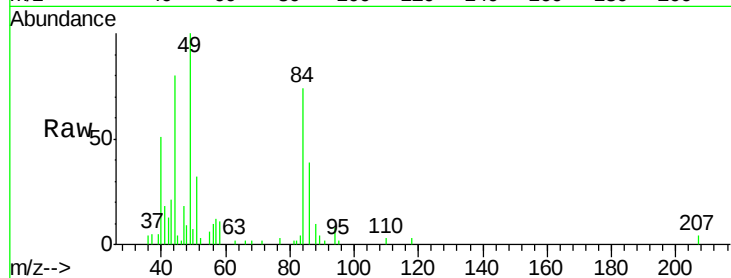
#20
Methvlene Chloride
Concen: 9.488 ug/l
RT: 2.24 min Scan# 164
Delta R.T. 0.06 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tot Ion	Ratio	Lower	Upper
84	100		
49	135.8	101.8	152.8
51	43.0	31.1	46.7
86	52.6	54.4	81.6#

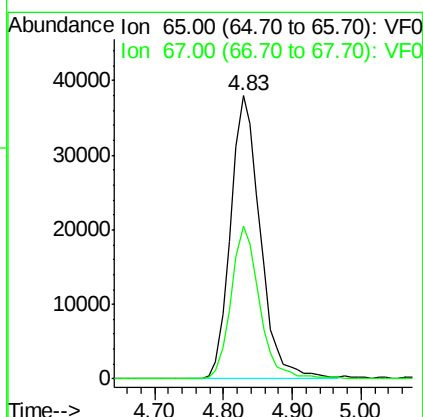
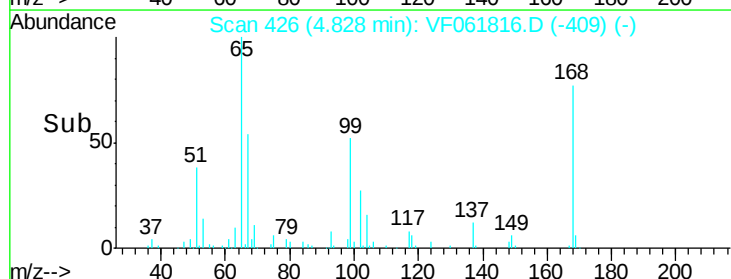
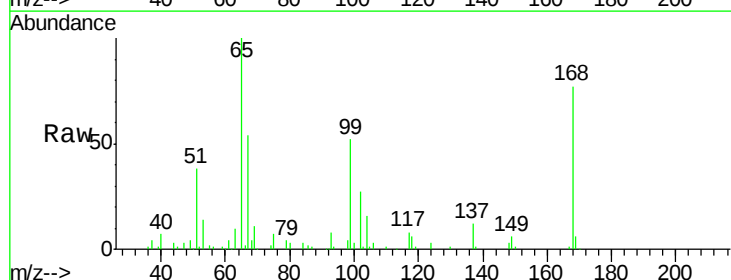
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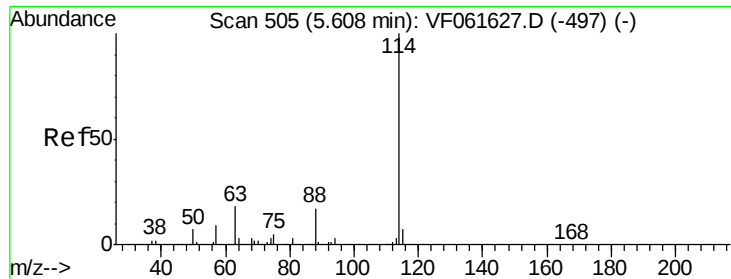
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#33
1,2-Dichloroethane-d4
Concen: 61.387 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061816.D

Acq: 1 Mar 2019 21:42

Instrument :

MSVOA_F

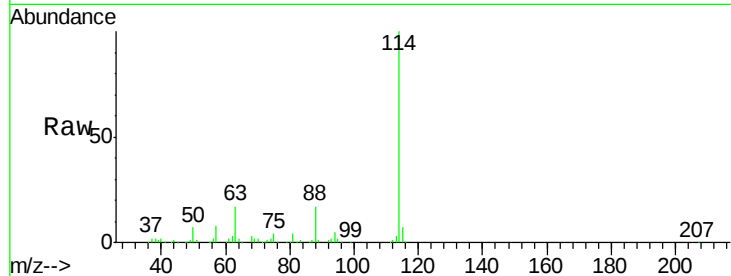
ClientSampleId :

SOIL-PILERE

Tot Ion:	114	Resp:	421637
Ion Ratio	Lower	Upper	
114	100		
63	17.1	0.0	36.6
88	16.8	0.0	34.4

Manual Integrations
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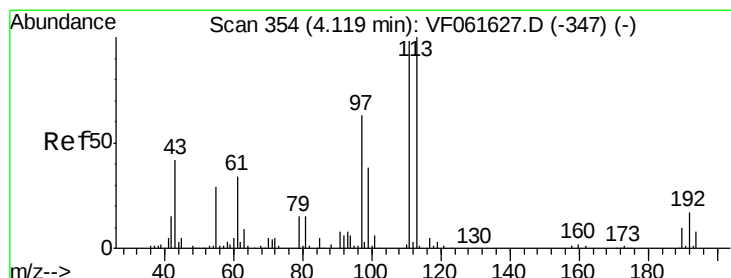
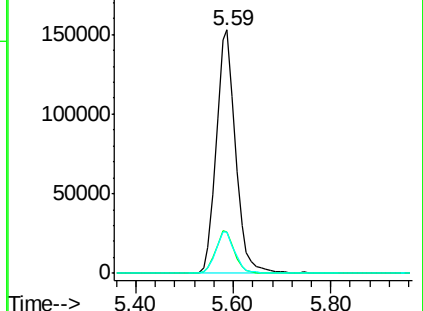
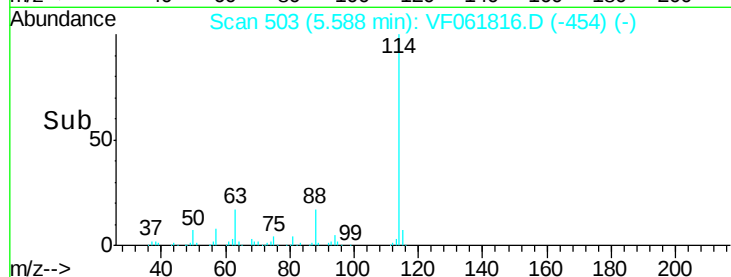
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 52.339 ug/l

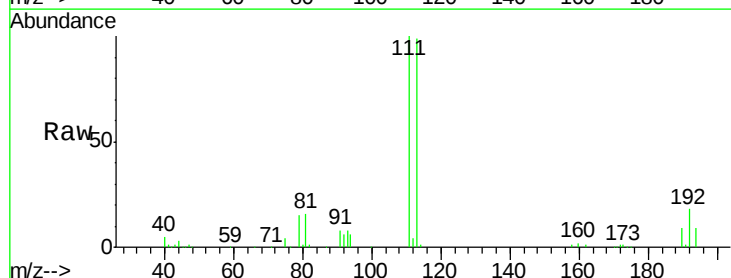
RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061816.D

Acq: 1 Mar 2019 21:42

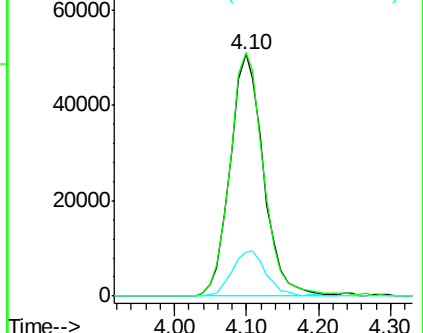
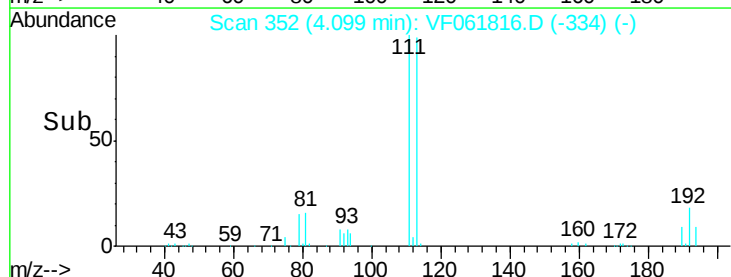
Tgt Ion:	113	Resp:	163879
Ion Ratio	Lower	Upper	
113	100		
111	100.5	78.8	118.2
192	18.2	13.4	20.0

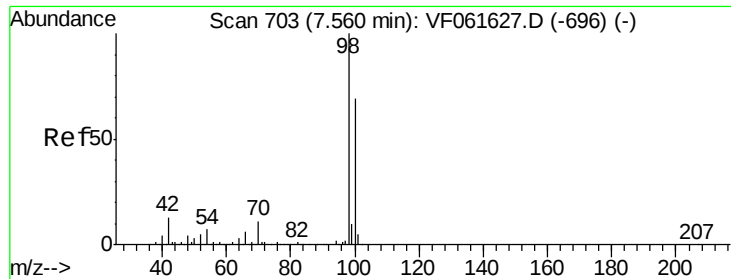


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





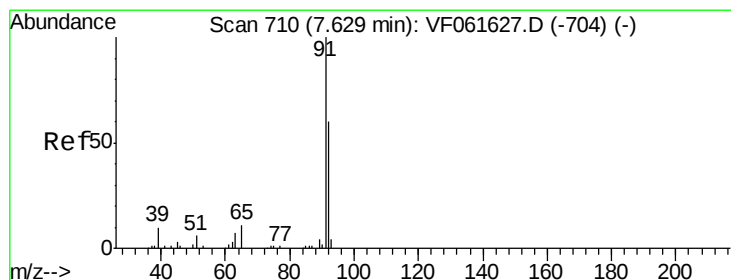
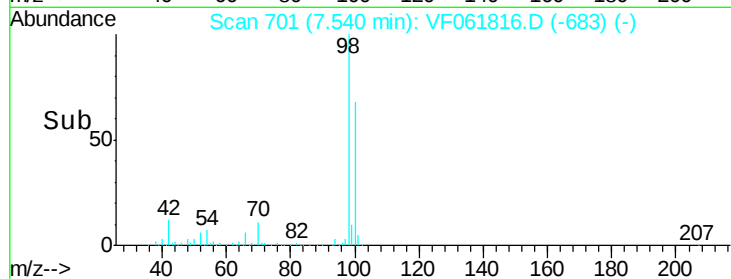
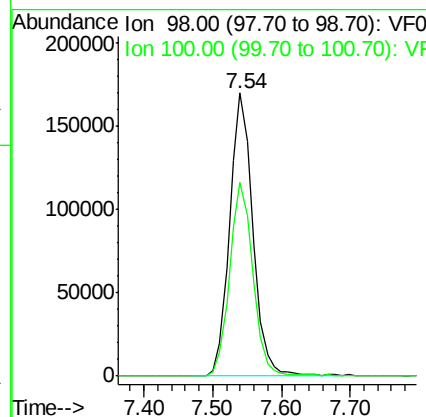
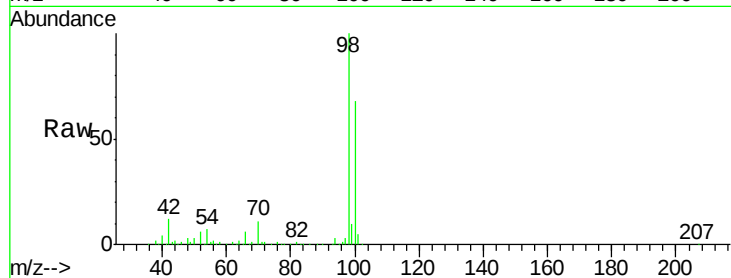
#50
Toluene-d8
Concen: 44.132 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tot Ion: 98 Resp: 397236
Ion Ratio Lower Upper
98 100
100 68.5 55.4 83.2

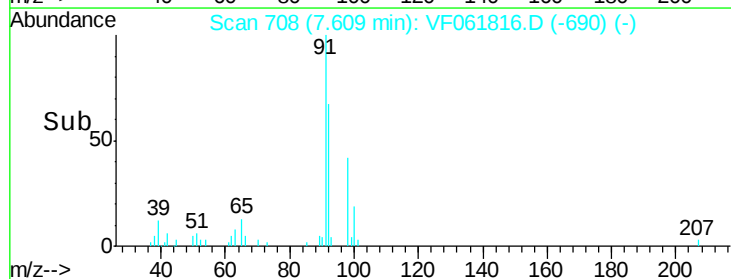
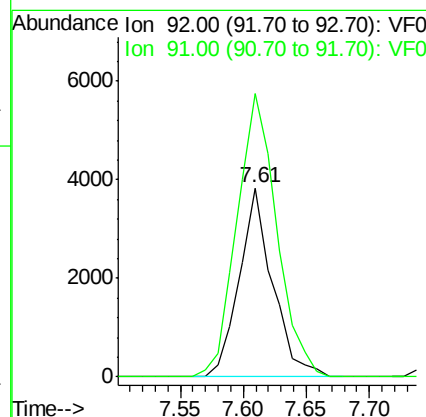
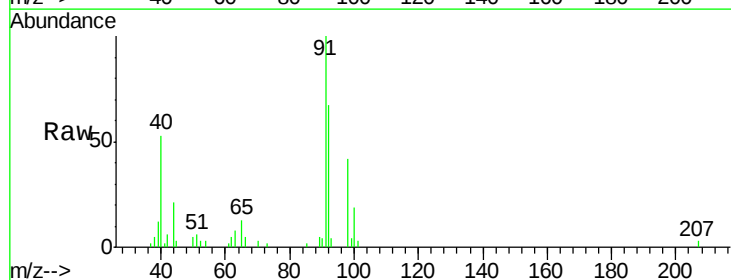
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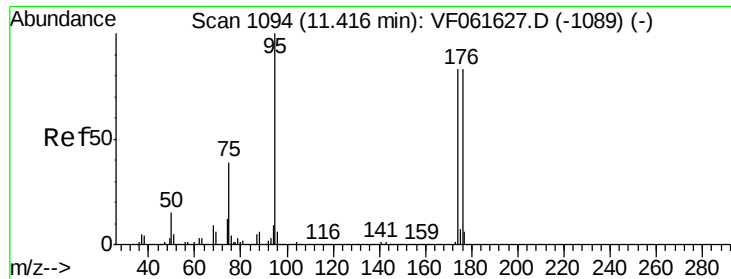
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#52
Toluene
Concen: 1.057 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion: 92 Resp: 7001
Ion Ratio Lower Upper
92 100
91 149.7 133.9 200.9





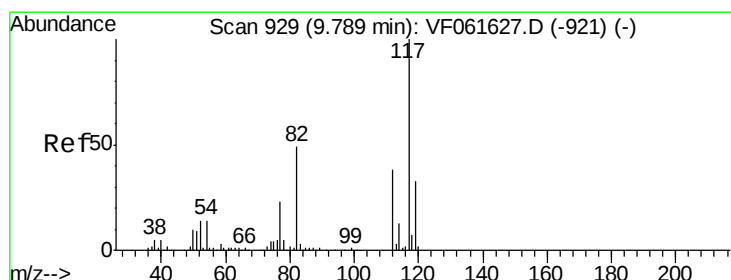
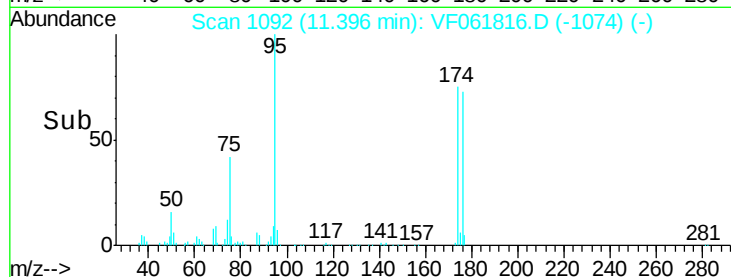
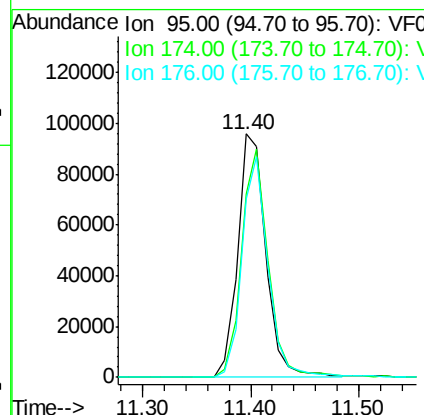
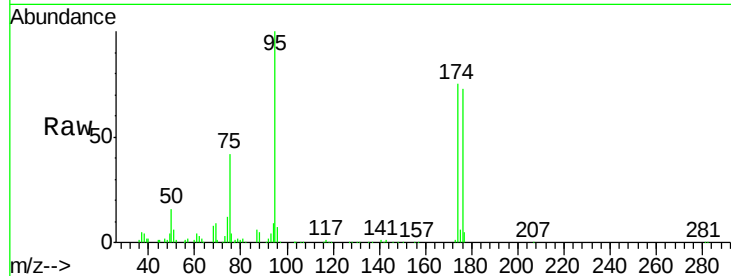
#62
4-Bromofluorobenzene
Concen: 47.628 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	173459		
174	75.2	0.0	165.8	
176	73.0	0.0	167.0	

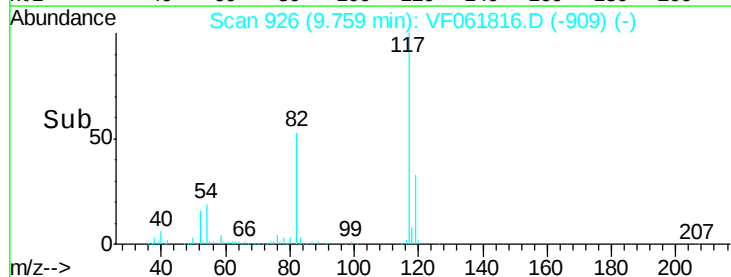
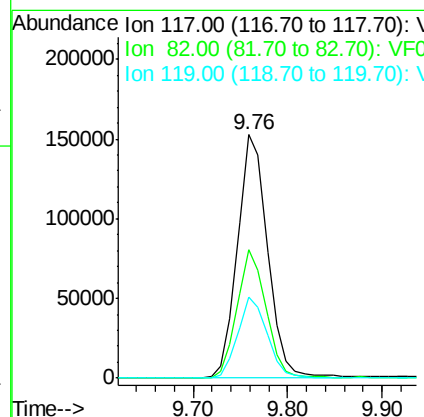
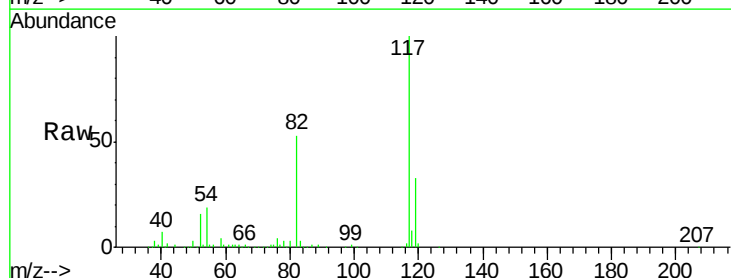
Manual Integrations
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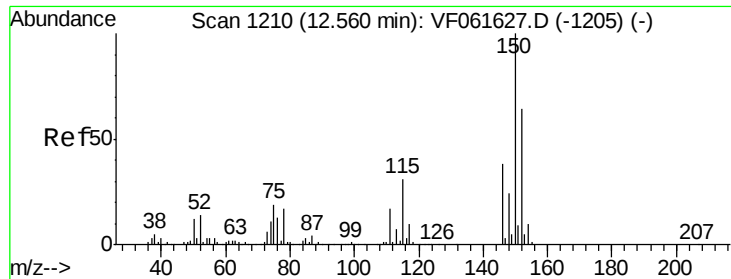
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	339144		
82	52.8	39.3	58.9	
119	33.1	26.6	40.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061816.D

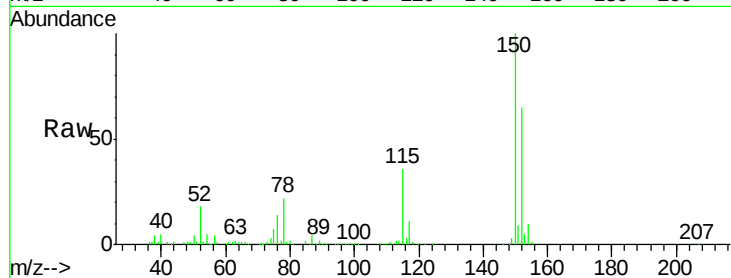
Acq: 1 Mar 2019 21:42

Instrument :

MSVOA_F

ClientSampleId :

SOIL-PILERE



Tot Ion:152 Resp: 172299

Ion Ratio Lower Upper

152 100

115 54.9 24.3 72.8

150 153.7 0.0 312.0

Manual Integrations

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