

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061807.D
 Acq On : 1 Mar 2019 17:22
 Operator : VA/AP
 Sample : K1675-05
 Misc : 4.28g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-3-11-B

Manual Integrations
 APPROVED

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 3/4/2019 4:01:12 PM

Quant Time: Mar 02 03:17:11 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	4.85	168	340430	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	512669	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	423692	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	238323	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	102769	41.17	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	82.34%	
35) Dibromofluoromethane	4.10	113	159082	41.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.58%	
50) Toluene-d8	7.54	98	404544	36.96	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	73.92%	
62) 4-Bromofluorobenzene	11.40	95	180266	40.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.42%	
Target Compounds						
16) Acetone	2.23	43	13270	24.775	ug/l	93
20) Methylene Chloride	2.17	84	37486m	11.100	ug/l	
51) 4-Methyl-2-Pentanone	8.24	43	7574	3.796	ug/l #	85

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

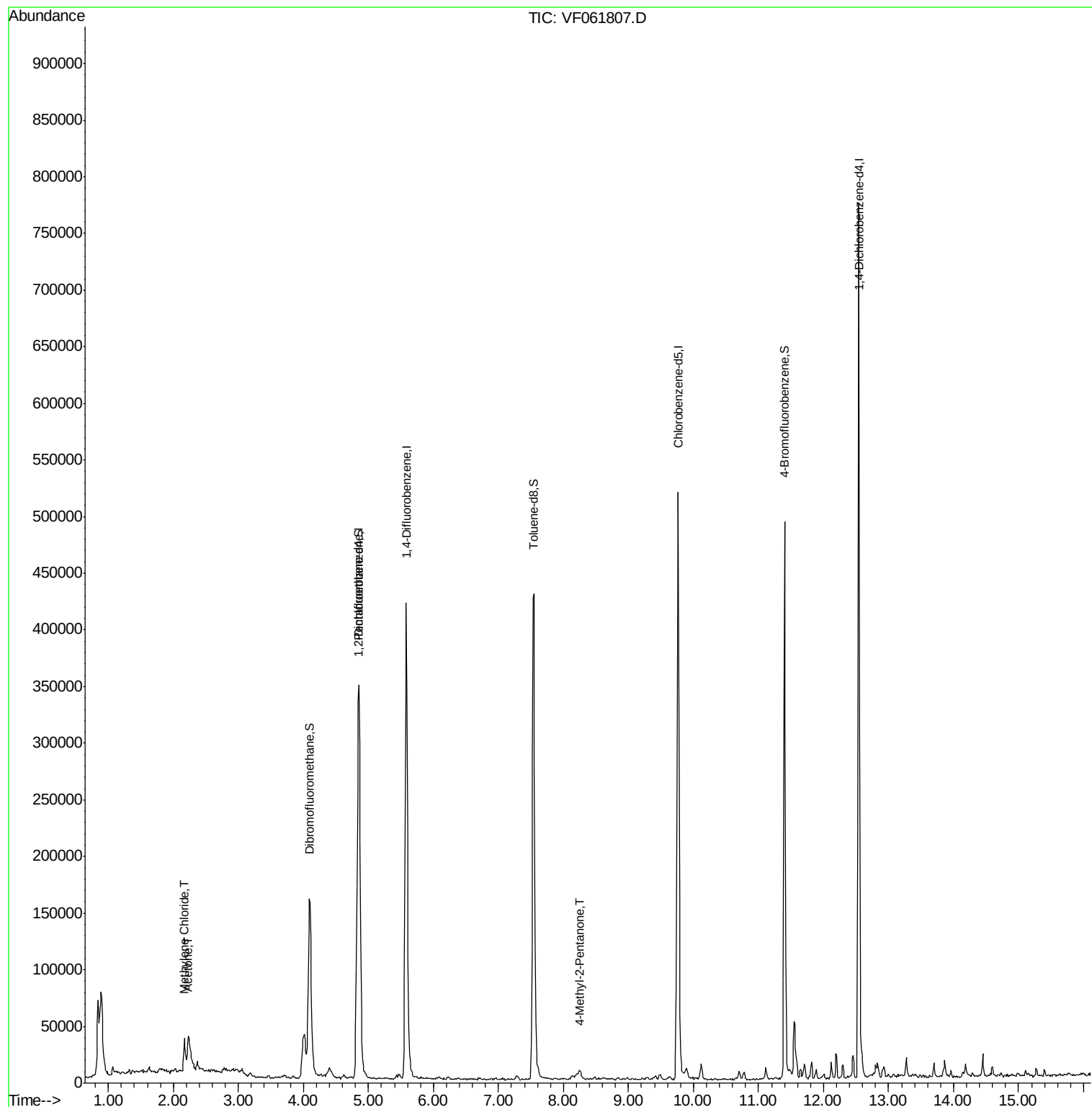
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030119\
Data File : VF061807.D
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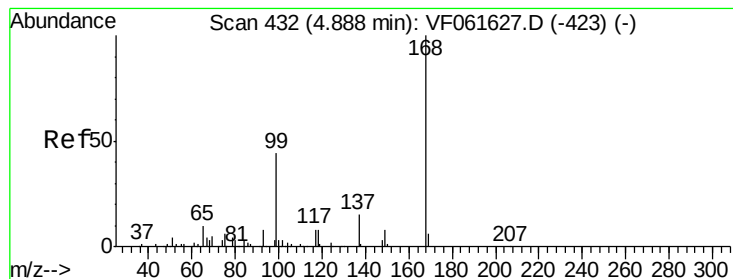
Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-B

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Quant Time: Mar 02 03:17:11 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: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061807.D

Acq: 1 Mar 2019 17:22

Instrument :

MSVOA_F

ClientSampleId :

Z-3-11-B

Tot Ion:168 Resp: 340430

Ion Ratio Lower Upper

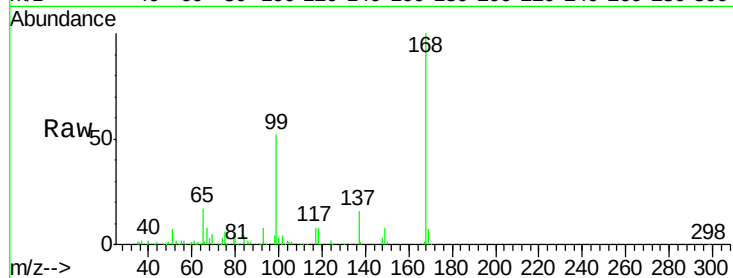
168 100

99 51.8 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

4.85

120000

100000

80000

60000

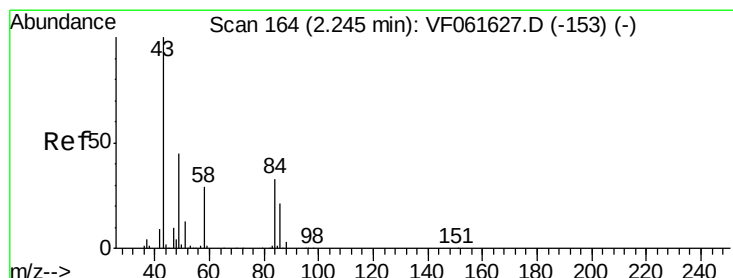
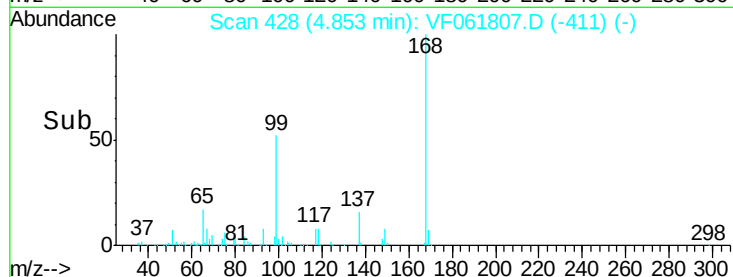
40000

20000

0

4.80 5.00

Time-->



#16

Acetone

Concen: 24.775 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061807.D

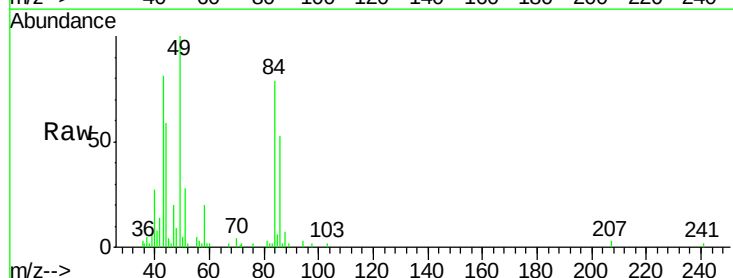
Acq: 1 Mar 2019 17:22

Tgt Ion: 43 Resp: 13270

Ion Ratio Lower Upper

43 100

58 25.1 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

6000

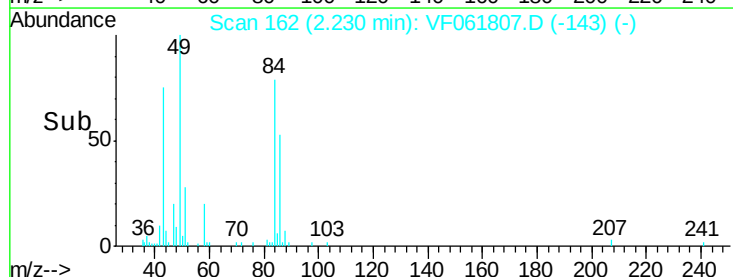
4000

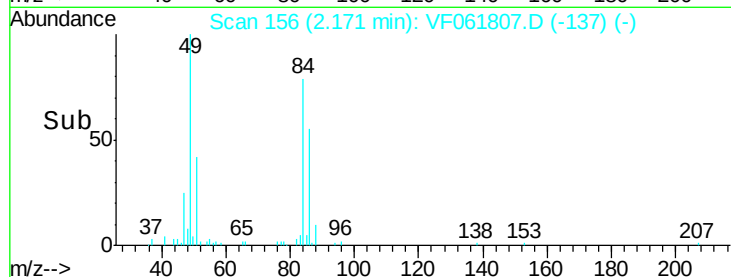
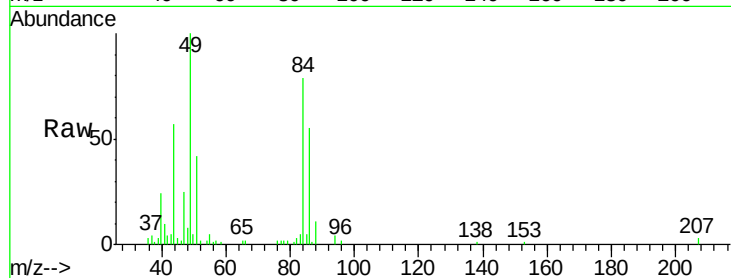
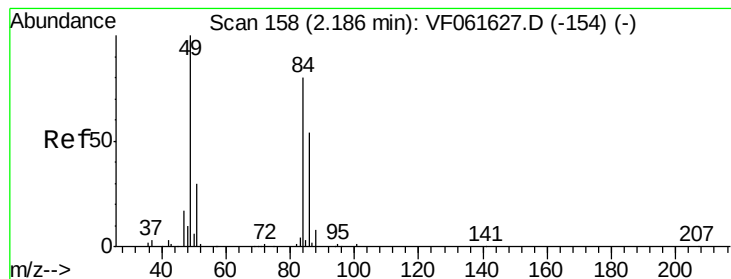
2000

0

2.15 2.20 2.25 2.30

Time-->





#20

Methylene Chloride

Concen: 11.100 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.02 min

Lab File: VF061807.D

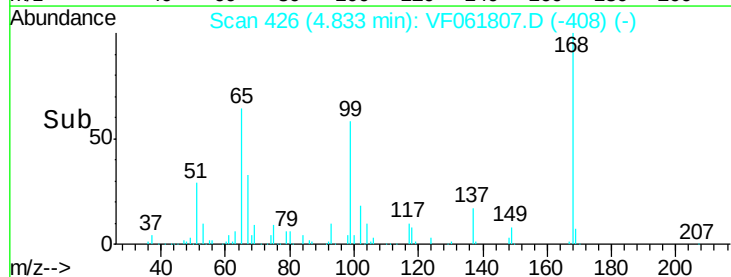
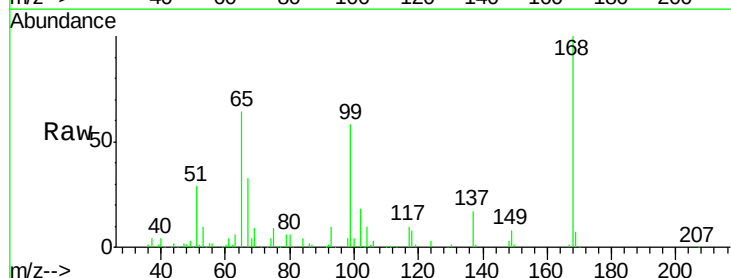
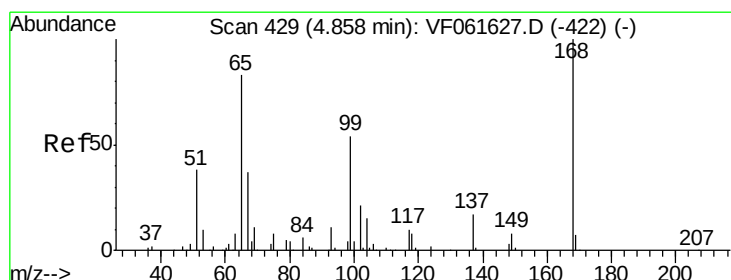
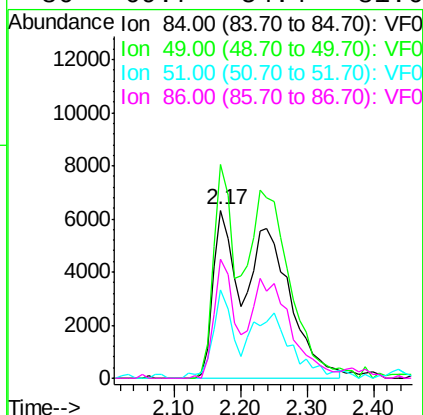
Acq: 1 Mar 2019 17:22

Tot Ion:	84	Resp:	37486
Ion	Ratio	Lower	Upper
84	100		
49	127.2	101.8	152.8
51	52.8	31.1	46.7#
86	69.7	54.4	81.6

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-B

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#33

1,2-Dichloroethane-d4

Concen: 41.167 ug/l

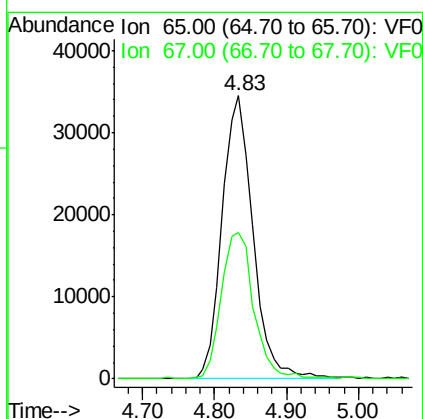
RT: 4.83 min Scan# 426

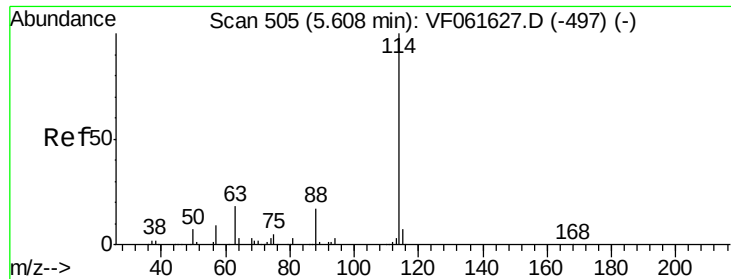
Delta R.T. -0.03 min

Lab File: VF061807.D

Acq: 1 Mar 2019 17:22

Tgt Ion:	65	Resp:	102769
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061807.D

Acq: 1 Mar 2019 17:22

Instrument :

MSVOA_F

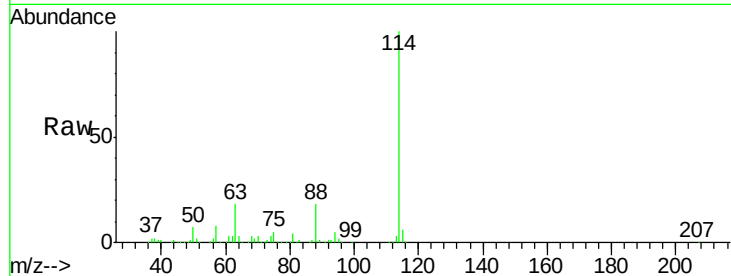
ClientSampleId :

Z-3-11-B

Tot Ion:	114	Resp:	512669
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	36.6
88	17.8	0.0	34.4

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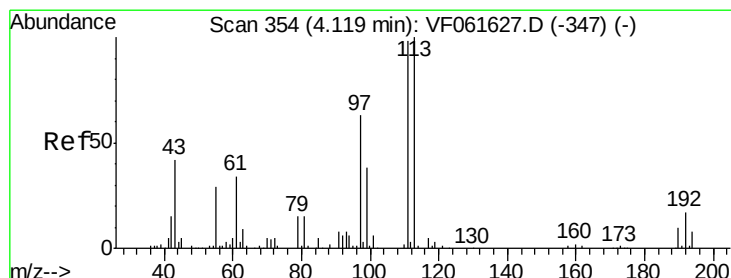
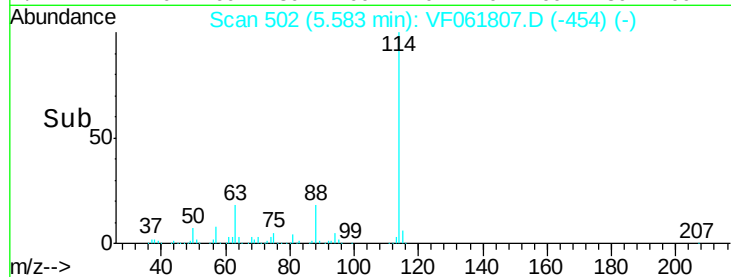
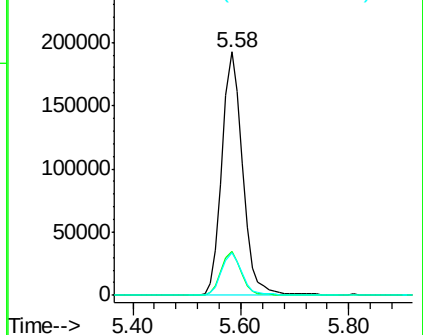
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 41.785 ug/l

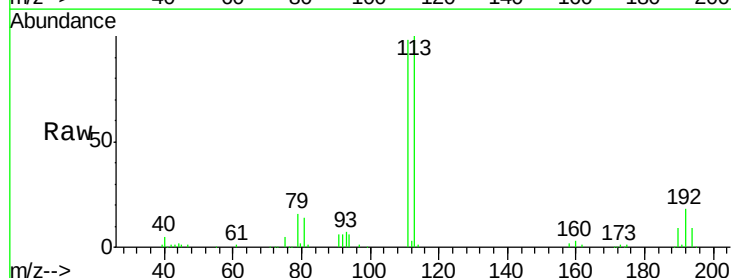
RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061807.D

Acq: 1 Mar 2019 17:22

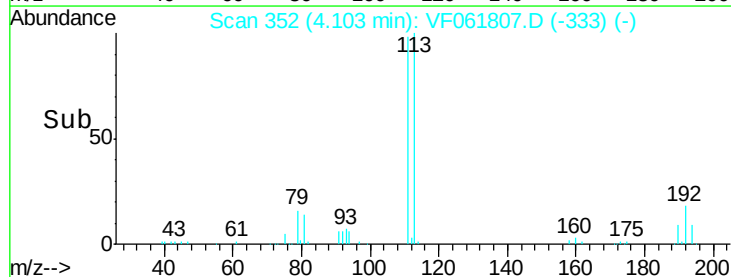
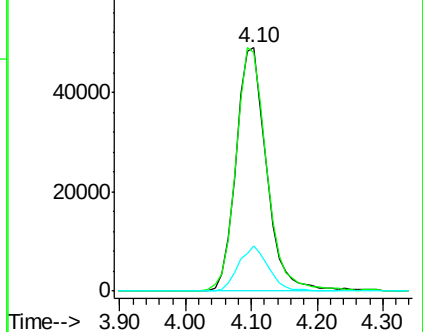
Tgt Ion:	113	Resp:	159082
Ion Ratio	Lower	Upper	
113	100		
111	98.0	78.8	118.2
192	18.4	13.4	20.0

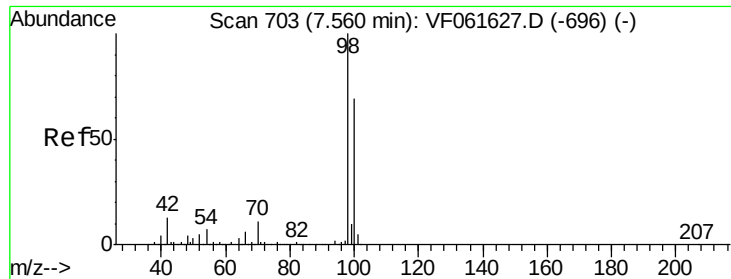


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





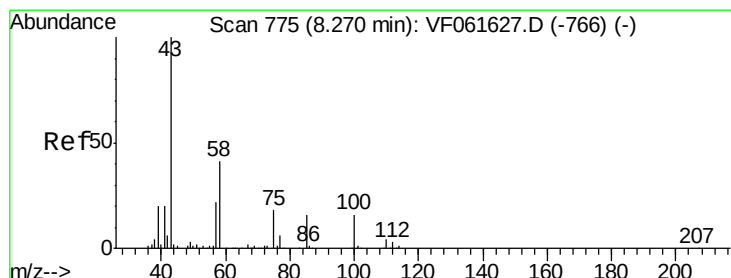
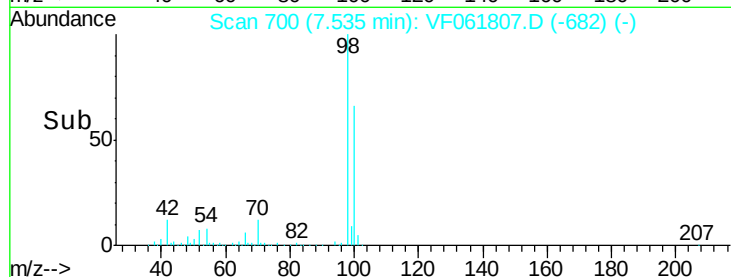
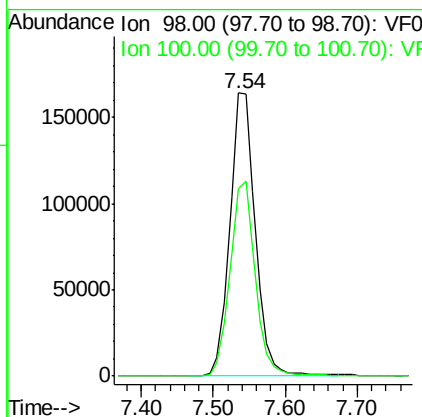
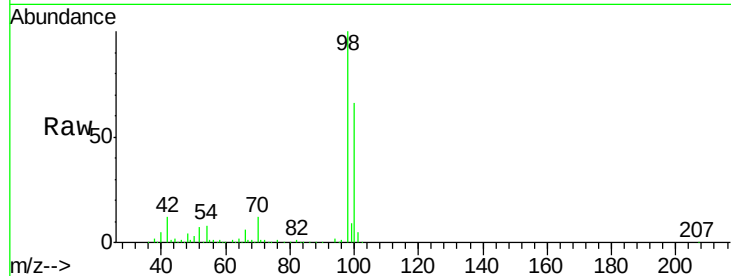
#50
Toluene-d8
Concen: 36.964 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-B

Tot Ion	Ratio	Resp	Lower	Upper
98	100	404544		
100	66.2		55.4	83.2

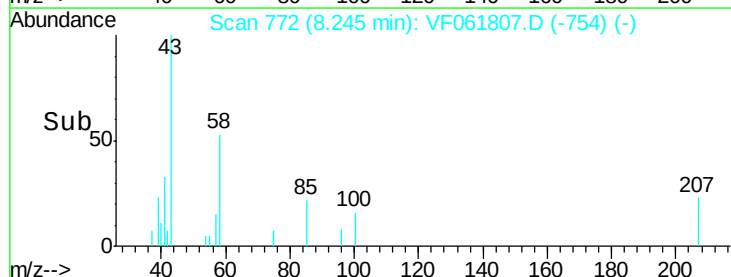
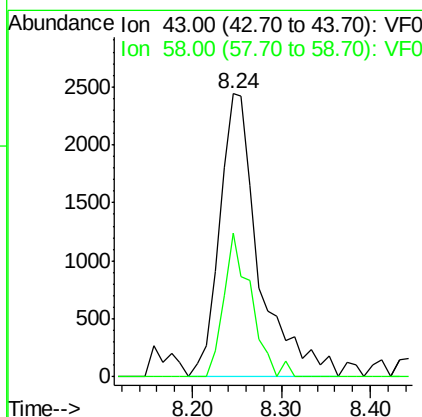
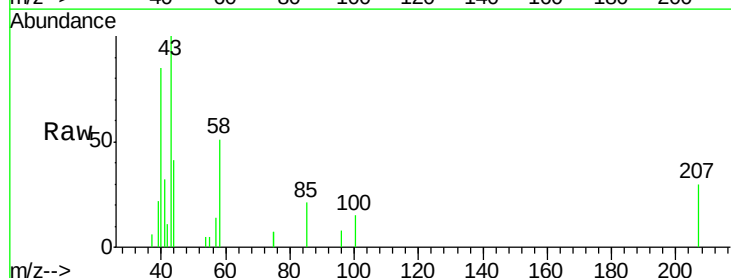
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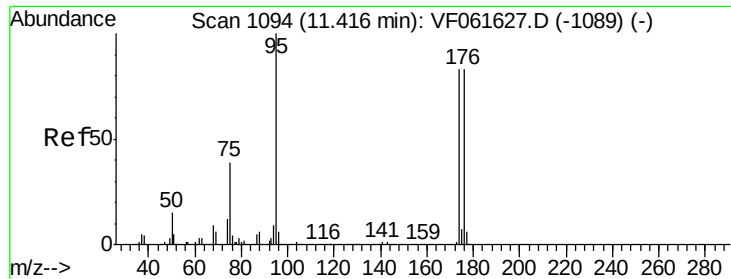
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#51
4-Methyl-2-Pentanone
Concen: 3.796 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	7574		
58	51.0		33.1	49.7#





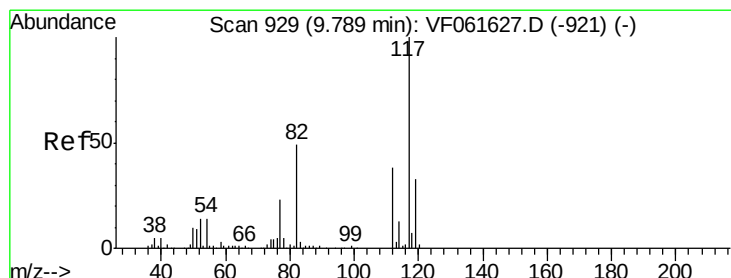
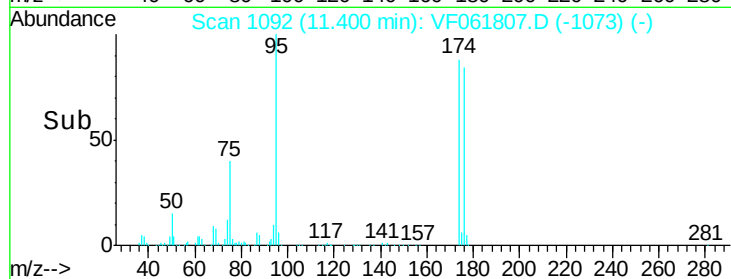
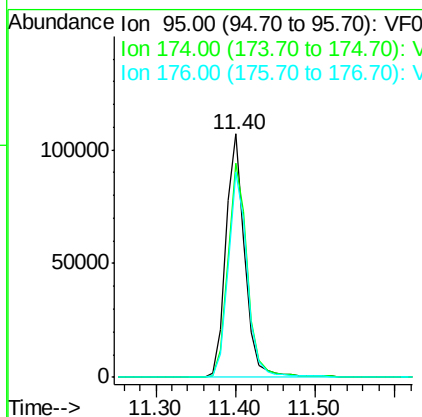
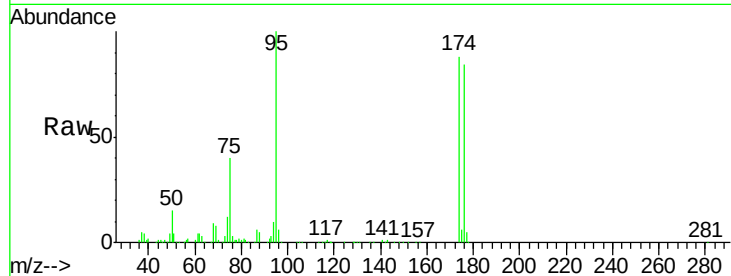
#62
4-Bromofluorobenzene
Concen: 40.708 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument :
MSVOA_F
ClientSampled :
Z-3-11-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	180266		
174	87.9	0.0	165.8	
176	84.1	0.0	167.0	

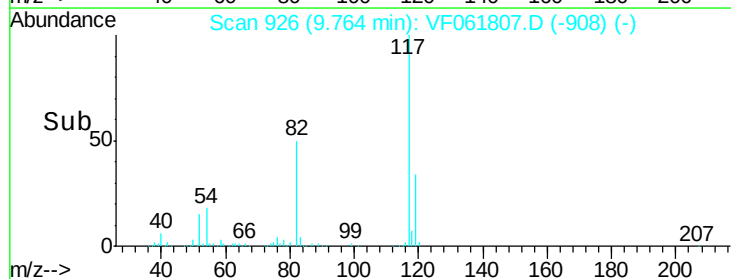
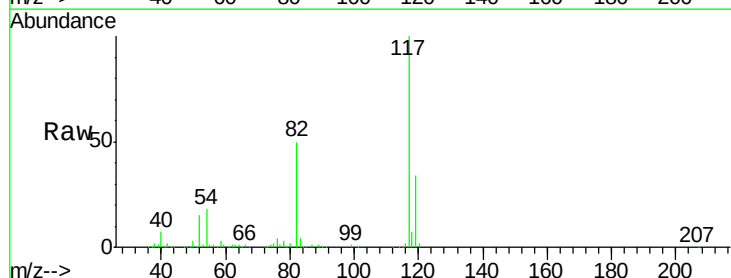
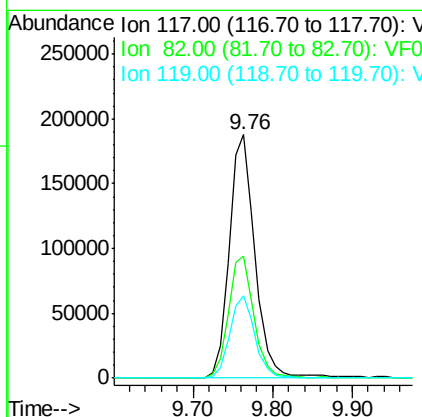
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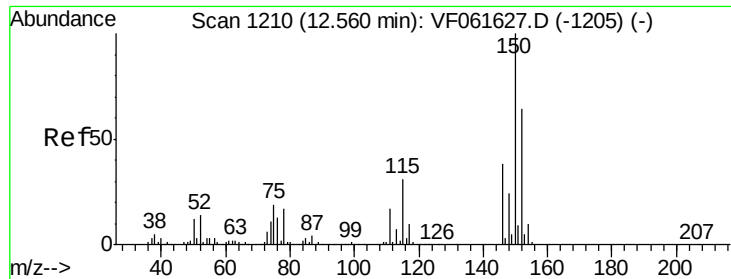
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	423692		
82	50.1	39.3	58.9	
119	33.9	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: VF061807.D

Acq: 1 Mar 2019 17:22

Instrument :

MSVOA_F

ClientSampleId :

Z-3-11-B

Tot Ion:152 Resp: 238323

Ion Ratio Lower Upper

152 100

115 49.5 24.3 72.8

150 152.1 0.0 312.0

Manual Integrations

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