

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
 Data File : VF061442.D
 Acq On : 17 Jan 2019 14:00
 Operator : VA/AP
 Sample : K1157-04
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-02-011519

Manual Integrations
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 1/18/2019 3:42:17 PM

Quant Time: Jan 18 04:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	204465	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	367238	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	299792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	125947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	134947	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	4.09	113	171652	59.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.46%	
50) Toluene-d8	7.53	98	417777	52.62	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.40	95	170581	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
20) Methylene Chloride	2.17	84	14476m	6.906	ug/l	Qvalue

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

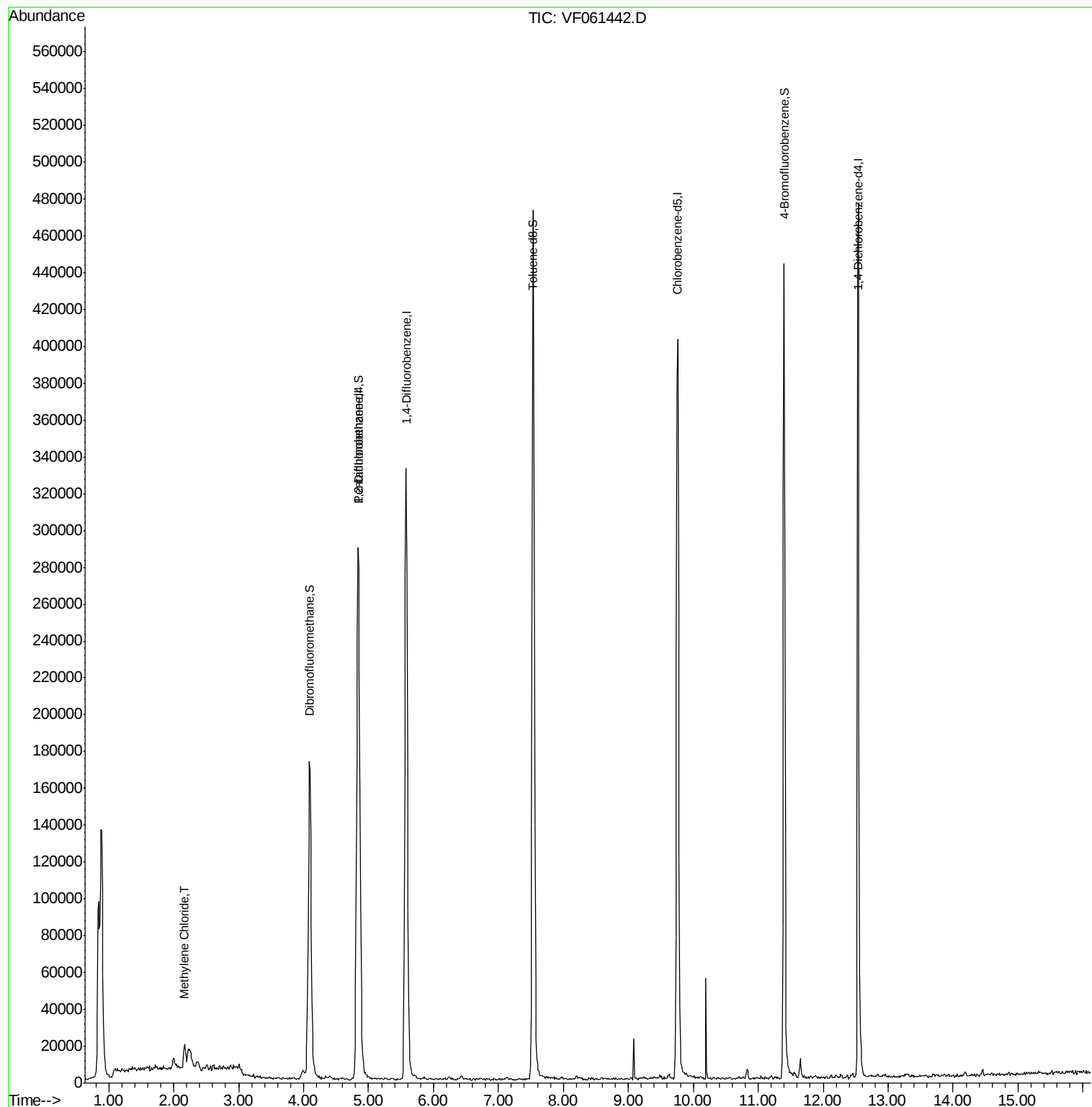
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011719\
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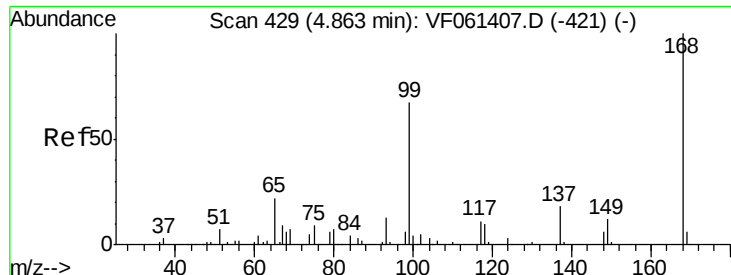
Instrument :
MSVOA_F
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Instrument :

MSVOA_F

ClientSampleId :

WC-02-011519

Tot Ion:168 Resp: 204465

Ion Ratio Lower Upper

168 100

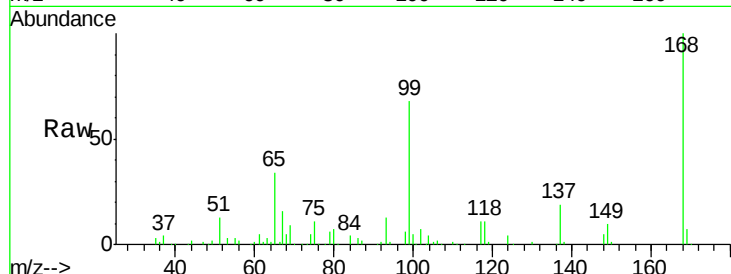
99 68.4 53.5 80.3

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

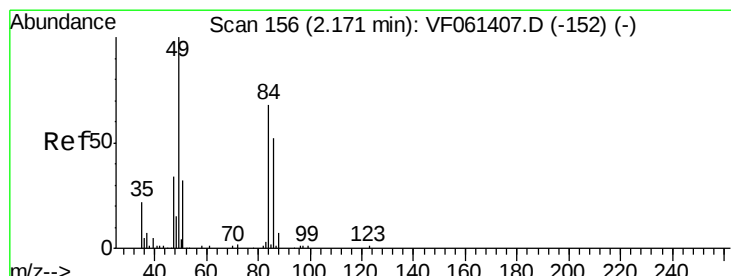
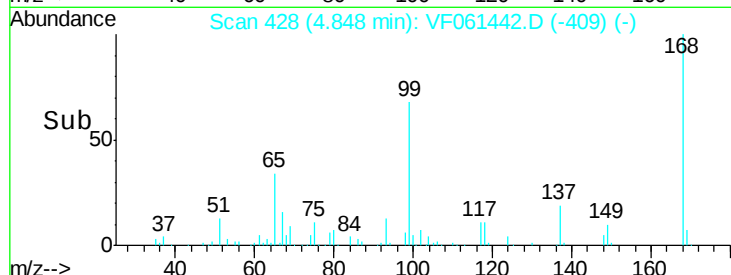
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 6.906 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.00 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Tgt Ion: 84 Resp: 14476

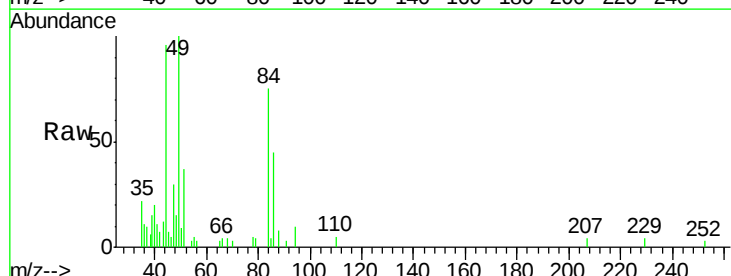
Ion Ratio Lower Upper

84 100

49 133.3 120.0 180.0

51 48.7 38.6 58.0

86 59.5 61.0 91.6#



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

5000

4000

3000

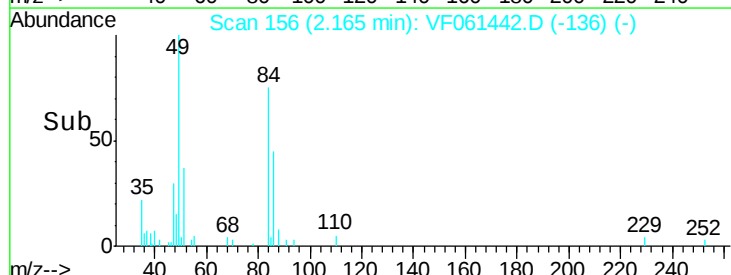
2000

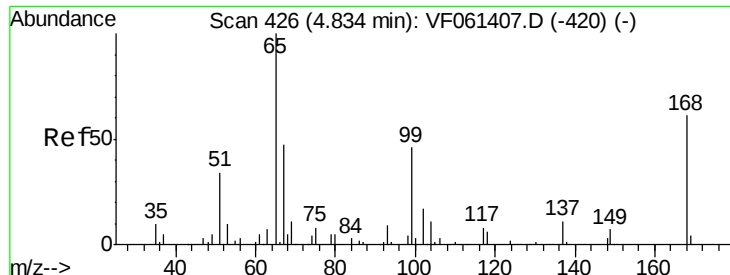
1000

0

Time-->

2.10 2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 53.457 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Instrument :

MSVOA_F

ClientSampleId :

WC-02-011519

Tot Ion: 65 Resp: 134947

Ion Ratio Lower Upper

65 100

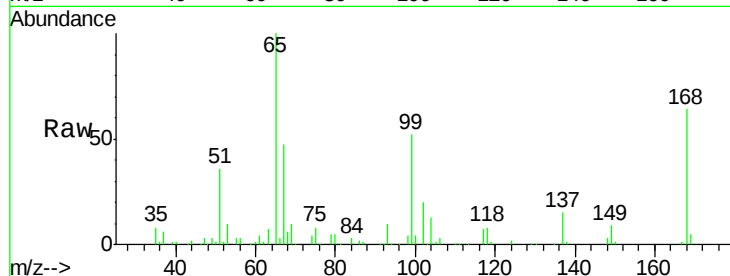
67 46.9 0.0 99.8

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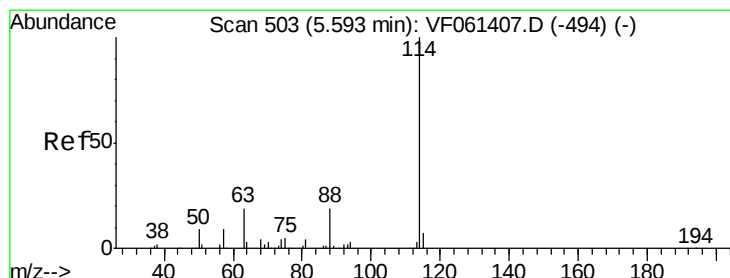
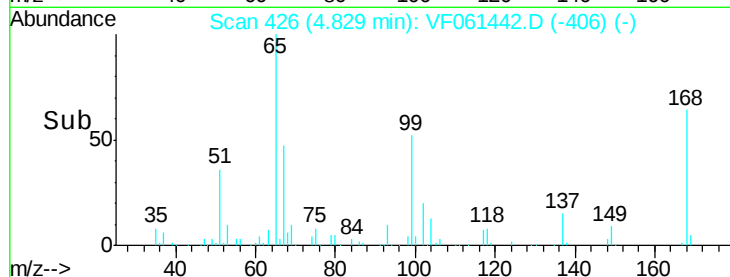
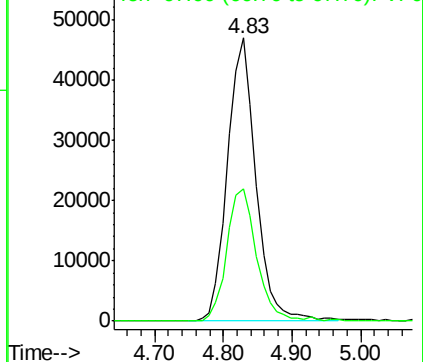
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

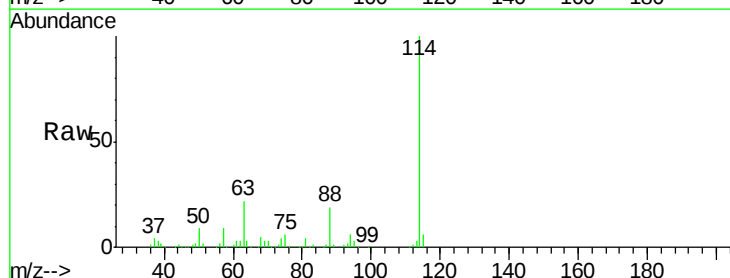
Tgt Ion: 114 Resp: 367238

Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.0

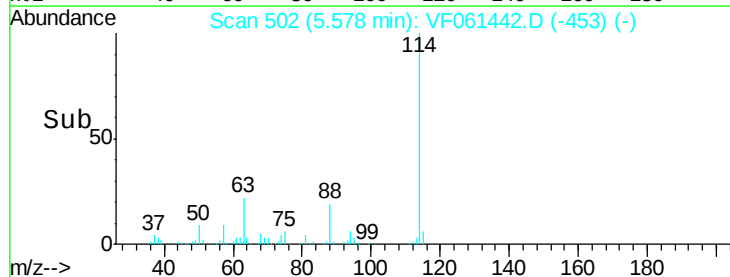
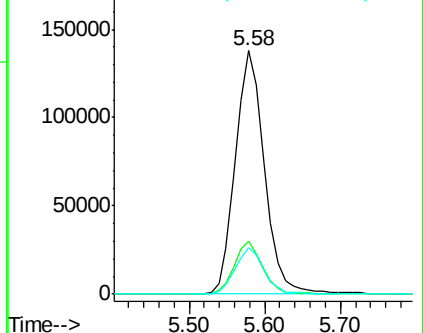
88 19.2 0.0 37.4

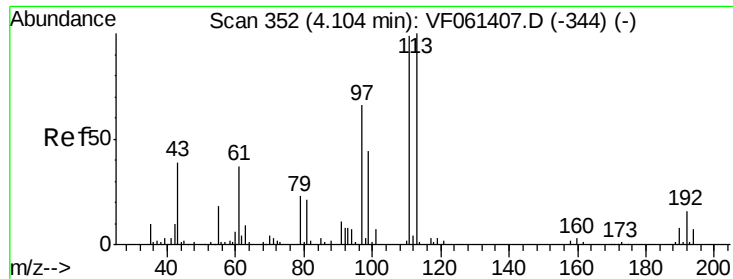


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 59.235 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Instrument :

MSVOA_F

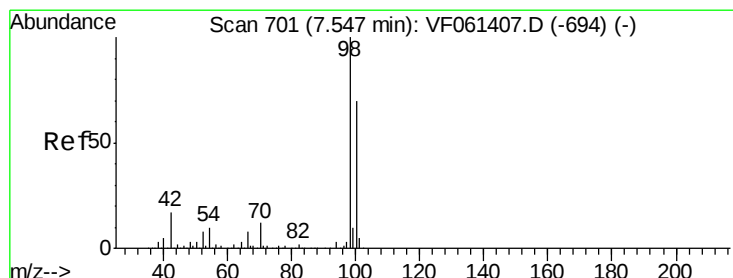
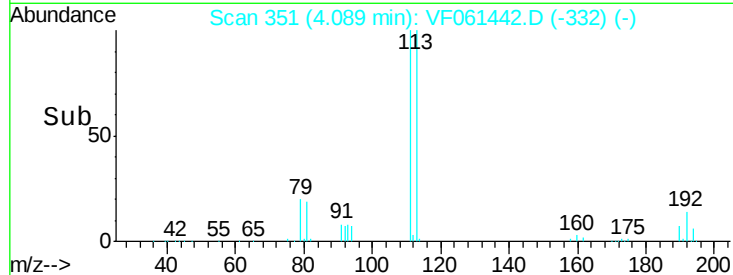
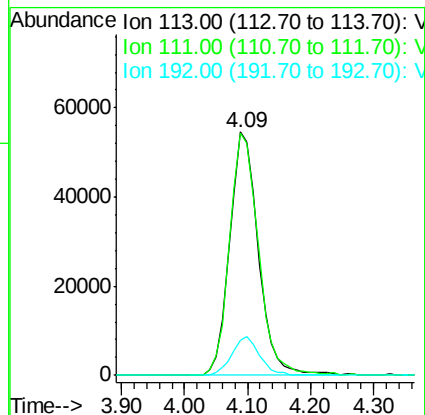
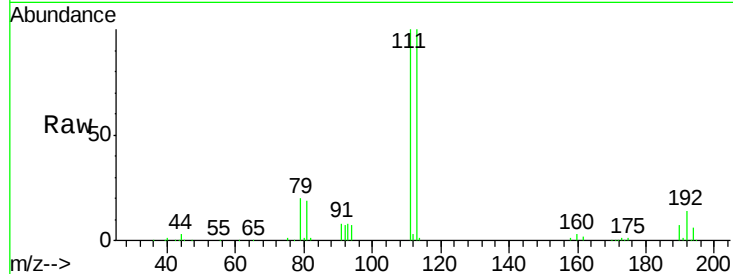
ClientSampleId :

WC-02-011519

Tot Ion:	113	Resp:	171652
Ion Ratio	Lower	Upper	
113	100		
111	99.5	79.4	119.0
192	14.3	12.4	18.6

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#50

Toluene-d8

Concen: 52.620 ug/l

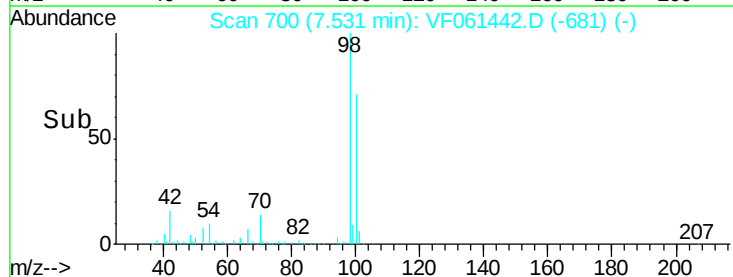
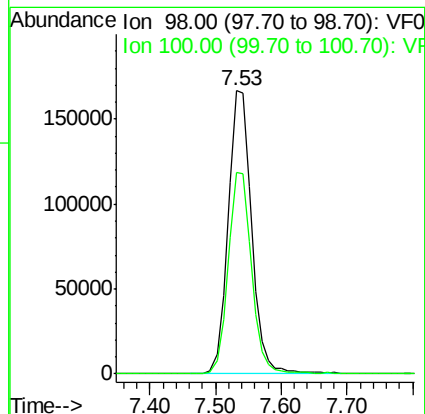
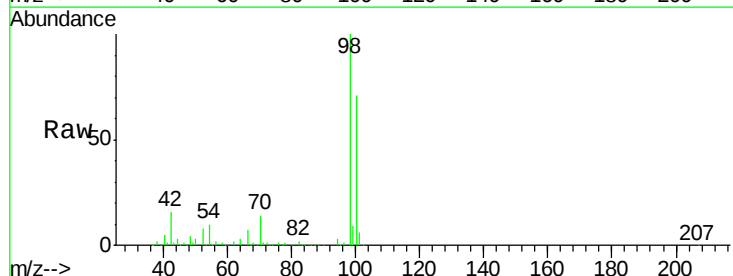
RT: 7.53 min Scan# 700

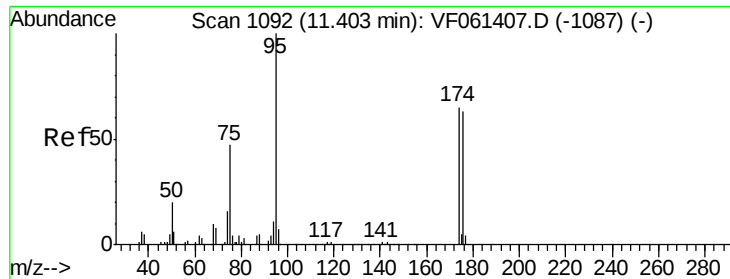
Delta R.T. -0.02 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Tgt Ion:	98	Resp:	417777
Ion Ratio	Lower	Upper	
98	100		
100	71.1	55.6	83.4





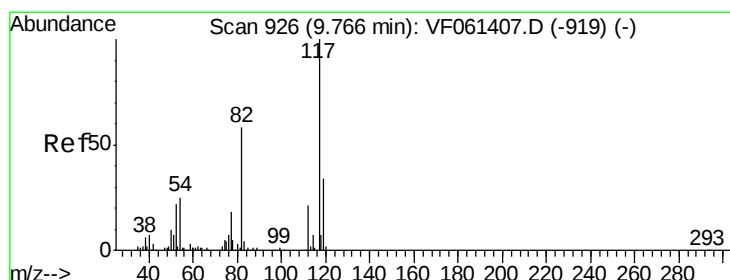
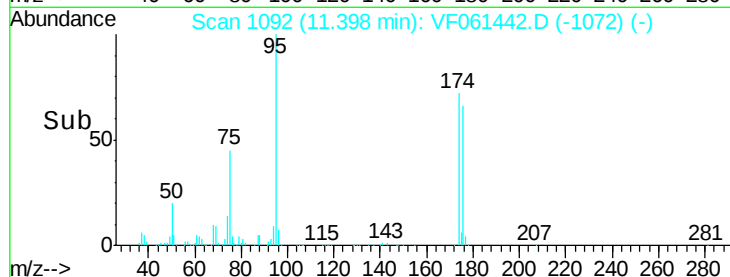
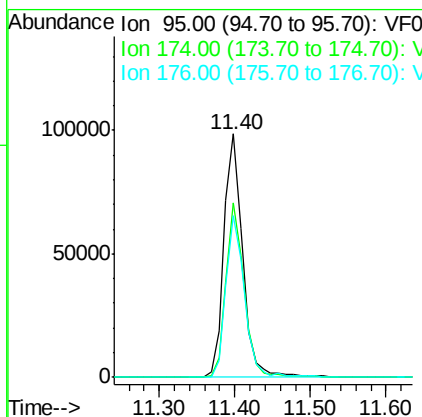
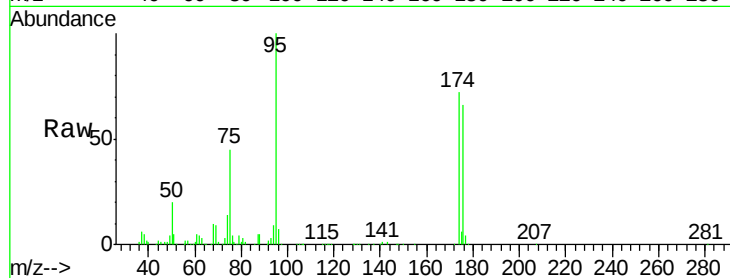
#62
4-Bromofluorobenzene
Concen: 45.984 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061442.D
Acq: 17 Jan 2019 14:00

Instrument :
MSVOA_F
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Resp	Lower	Upper
95	100	170581		
174	71.7	0.0	130.4	
176	66.2	0.0	126.2	

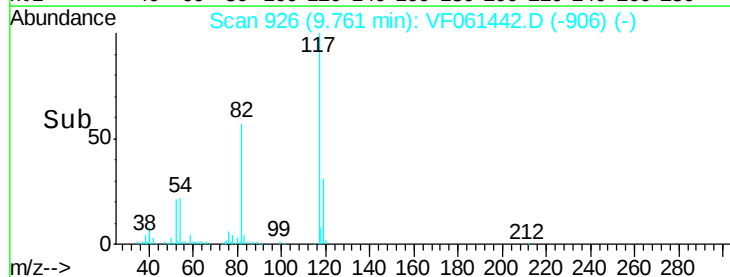
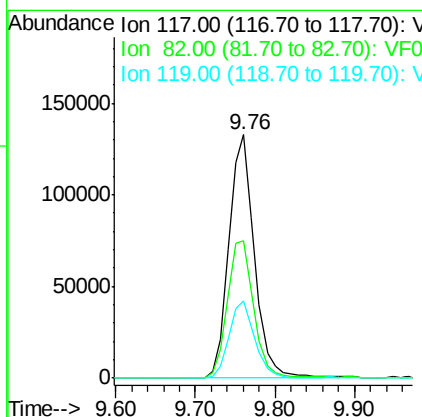
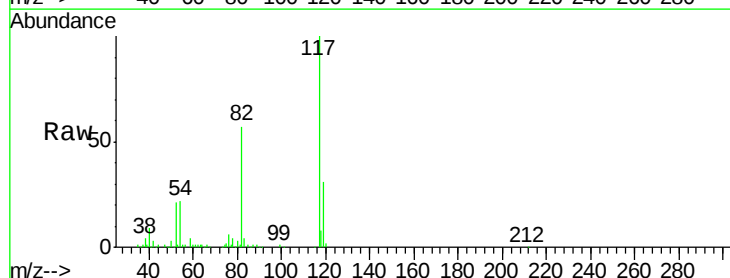
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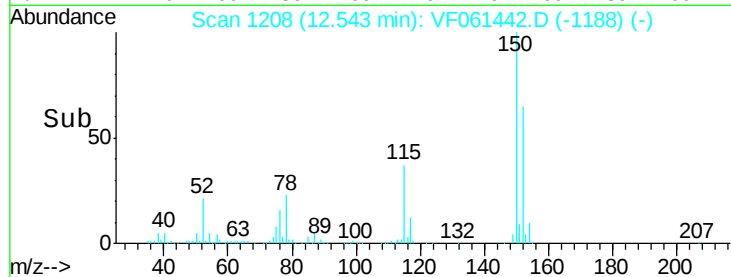
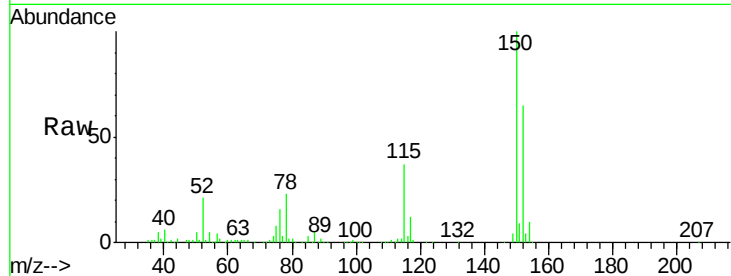
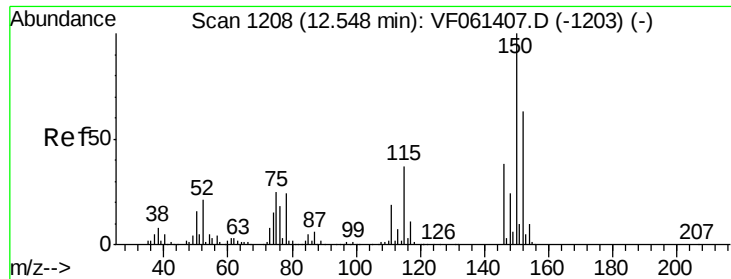
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061442.D
Acq: 17 Jan 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299792		
82	56.6	46.4	69.6	
119	31.5	27.2	40.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Tot Ion:	152	Resp:	125947
Ion Ratio	Lower	Upper	
152	100		
115	57.3	30.0	90.0
150	153.8	0.0	321.4

Instrument :
MSVOA_F
ClientSampleId :
WC-02-011519

Manual Integrations
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