

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020719\
 Data File : VF061551.D
 Acq On : 7 Feb 2019 18:10
 Operator : VA/AP
 Sample : K1404-02
 Misc : 5.25g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C12-SS1-7.5-8.0

Manual Integrations
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 2/11/2019 12:36:12 PM

Quant Time: Feb 09 04:57:45 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	4.86	168	184748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	332221	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	316268	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	178212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	124125	54.42	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	4.10	113	135705	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
50) Toluene-d8	7.55	98	329801	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.40	95	169417	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
Target Compounds						
20) Methylene Chloride	2.25	84	8023m	3.532	ug/l	Qvalue

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

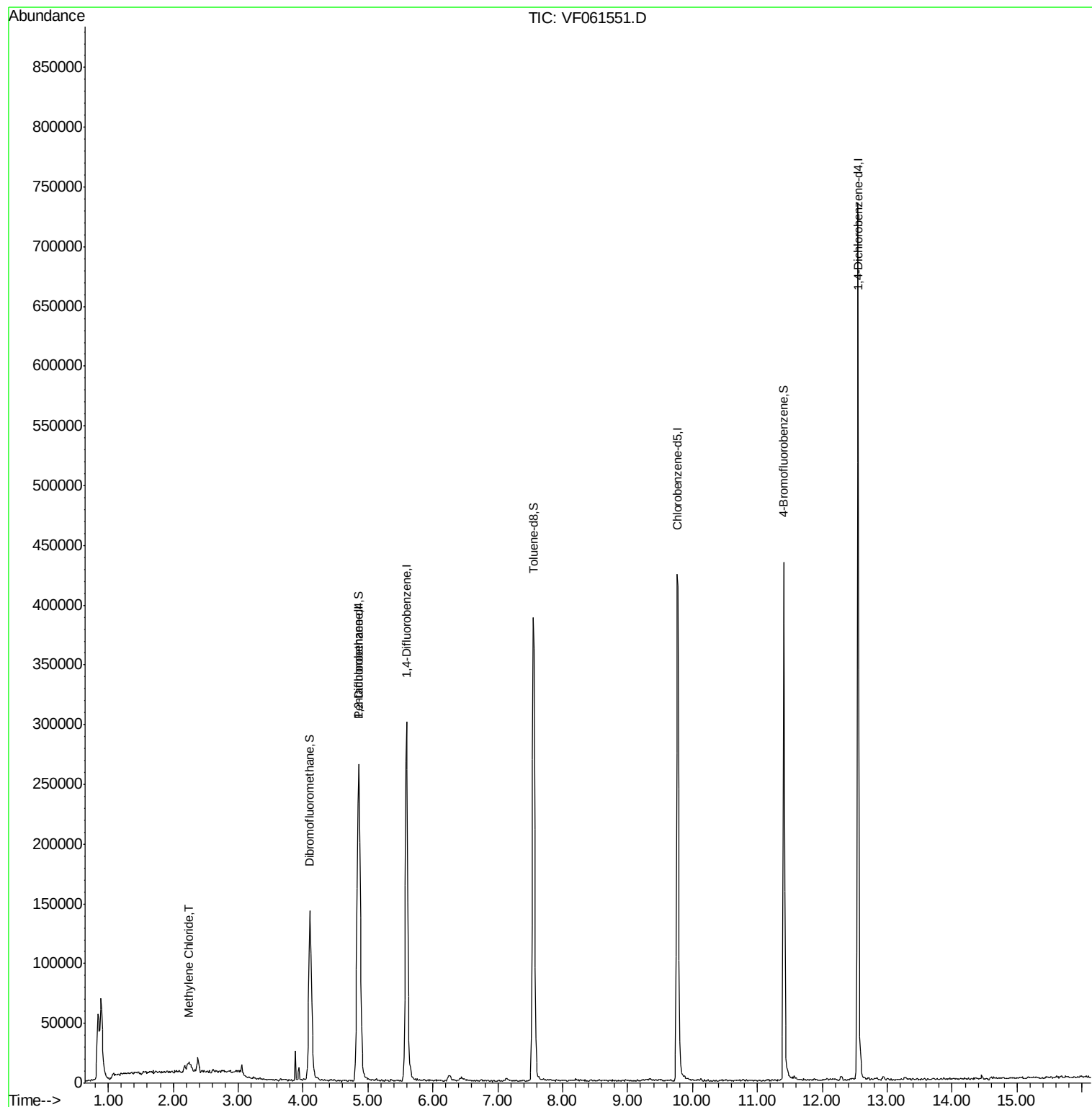
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020719\
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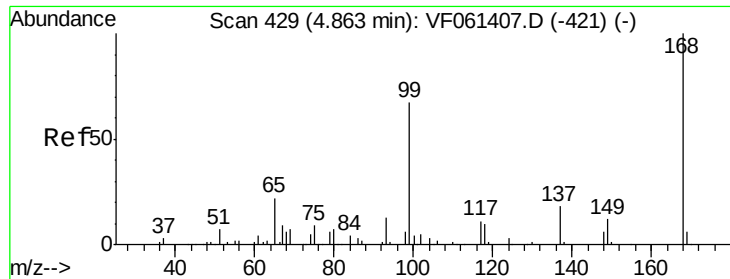
Instrument :
MSVOA_F
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061551.D

Acq: 7 Feb 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

A0C12-SS1-7.5-8.0

Tot Ion:168 Resp: 184748

Ion Ratio Lower Upper

168 100

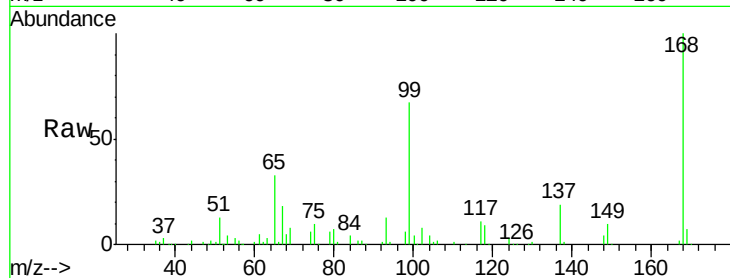
99 67.4 53.5 80.3

Manual Integrations

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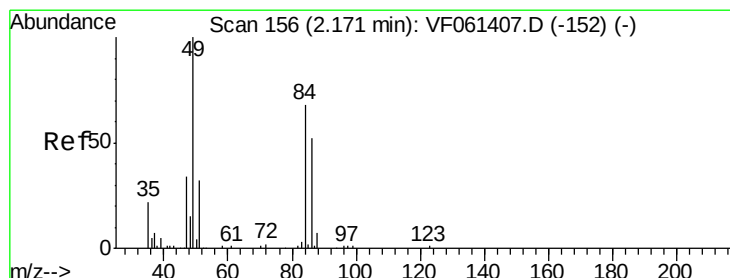
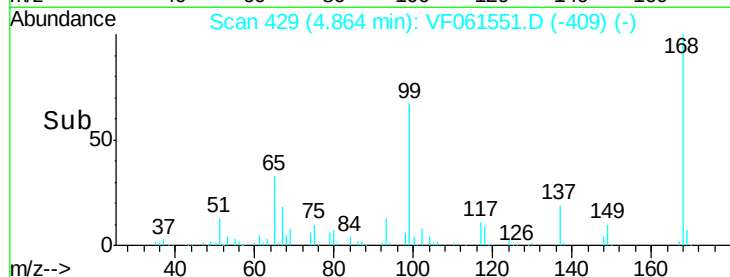
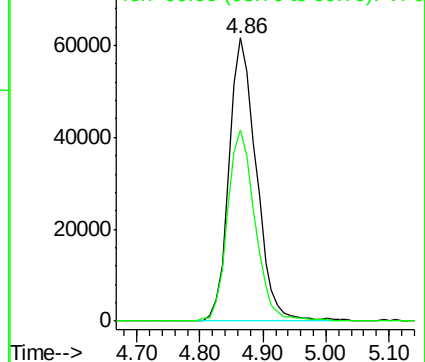
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 3.532 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. 0.08 min

Lab File: VF061551.D

Acq: 7 Feb 2019 18:10

Tgt Ion: 84 Resp: 8023

Ion Ratio Lower Upper

84 100

49 131.2 120.0 180.0

51 44.4 38.6 58.0

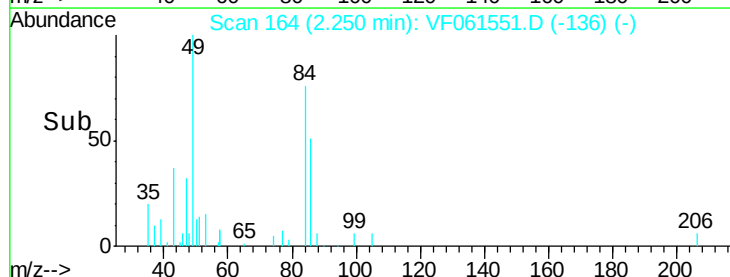
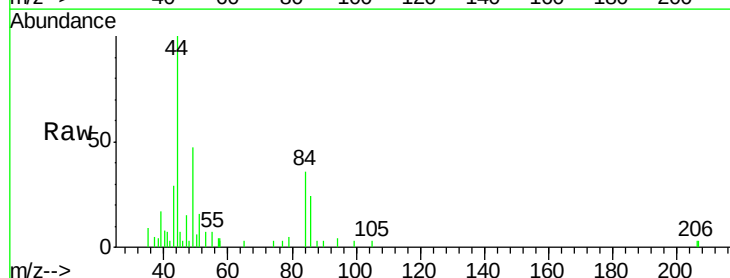
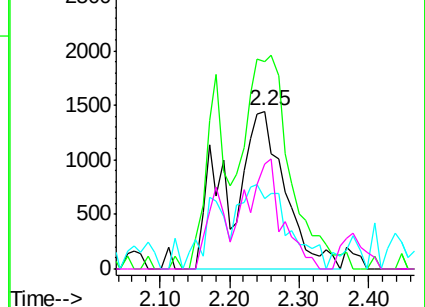
86 66.3 61.0 91.6

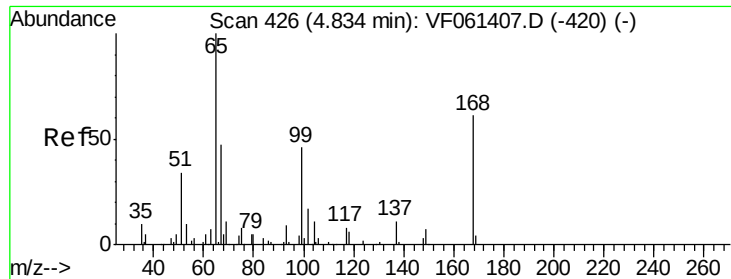
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





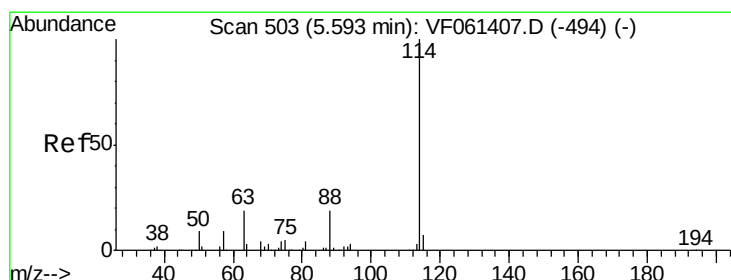
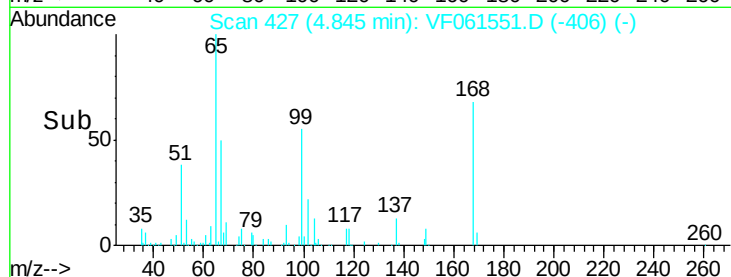
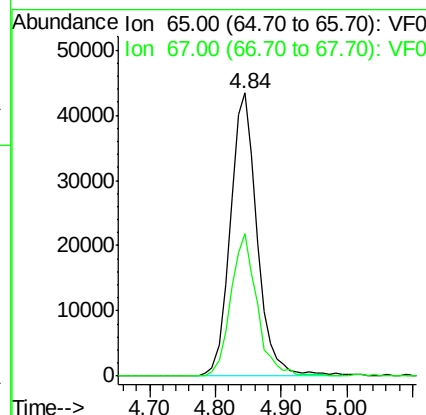
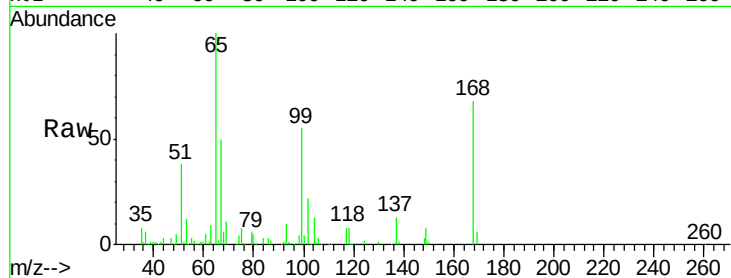
#33
 1,2-Dichloroethane-d4
 Concen: 54.418 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: VF061551.D
 Acq: 7 Feb 2019 18:10

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C12-SS1-7.5-8.0

Tot Ion	Ratio	Resp	Lower	Upper
65	100	124125		
67	50.2	0.0	99.8	

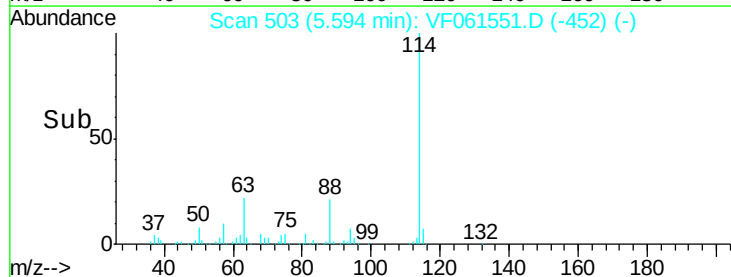
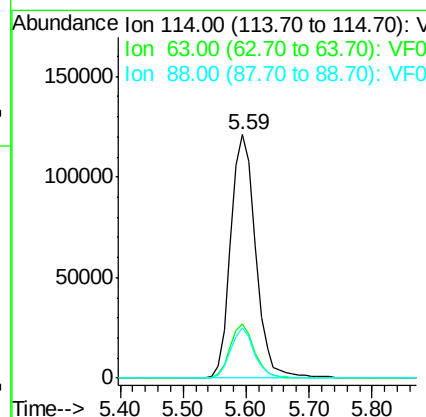
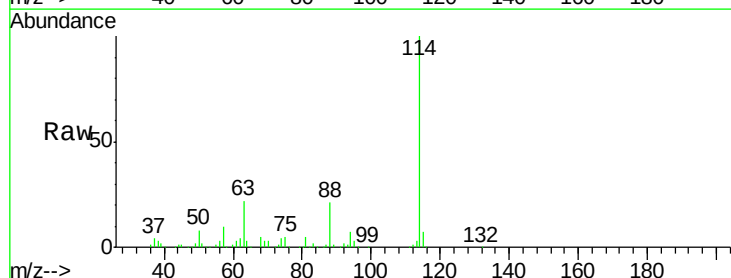
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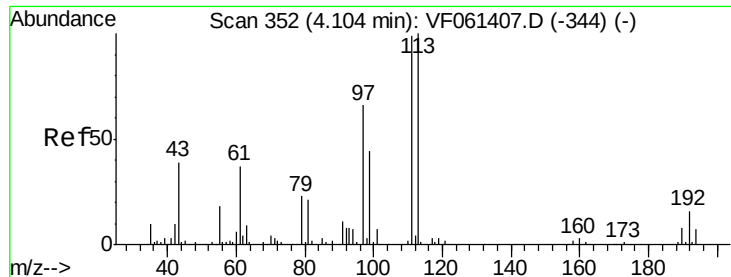
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VF061551.D
 Acq: 7 Feb 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	332221		
63	22.2	0.0	39.0	
88	20.7	0.0	37.4	





#35

Dibromofluoromethane

Concen: 51.766 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.00 min

Lab File: VF061551.D

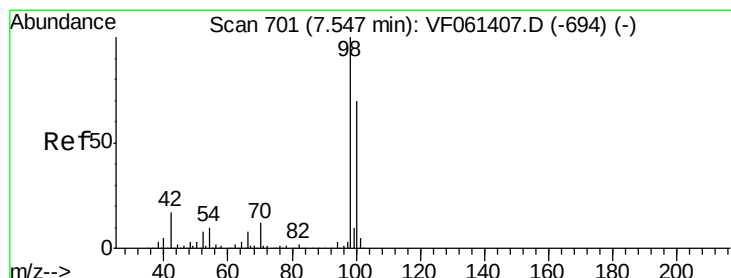
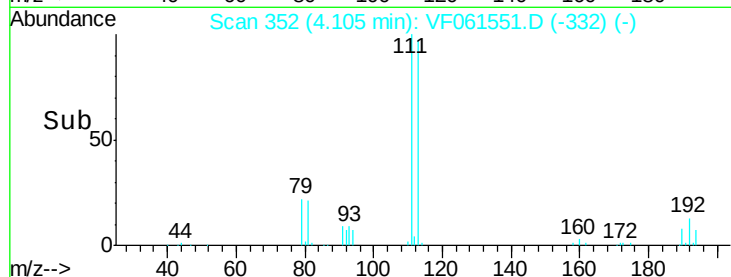
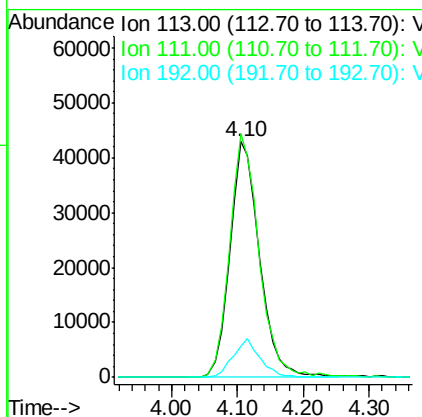
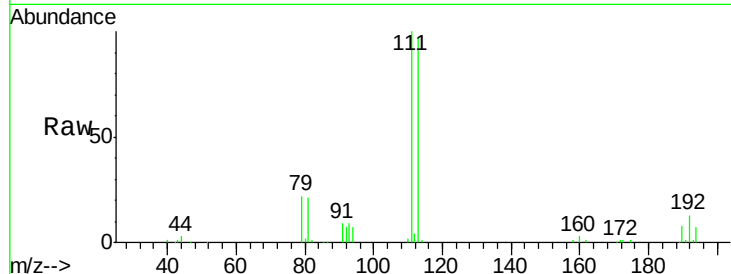
Acq: 7 Feb 2019 18:10

Instrument :
MSVOA_F
ClientSampleId :
A0C12-SS1-7.5-8.0

Tot Ion:	113	Resp:	135705
Ion Ratio	Lower	Upper	
113	100		
111	103.3	79.4	119.0
192	13.4	12.4	18.6

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#50

Toluene-d8

Concen: 45.918 ug/l

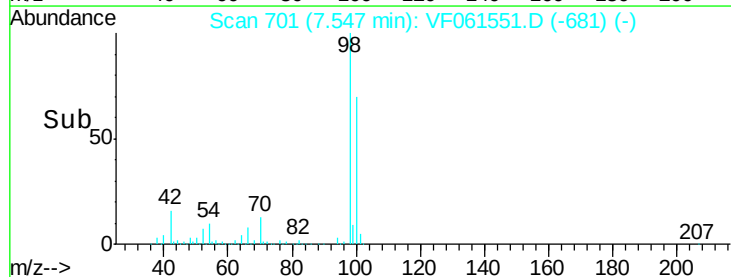
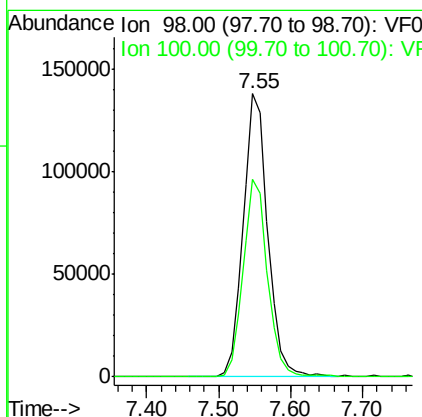
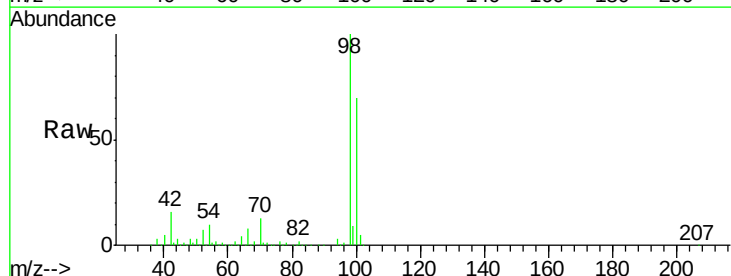
RT: 7.55 min Scan# 701

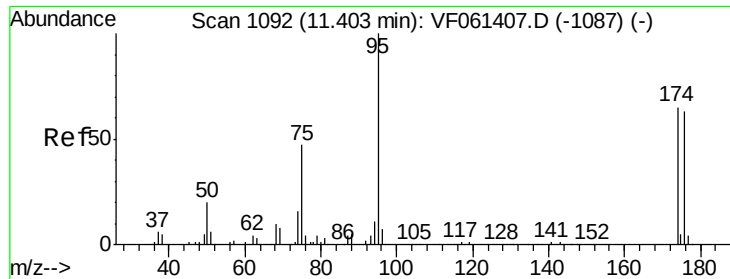
Delta R.T. 0.00 min

Lab File: VF061551.D

Acq: 7 Feb 2019 18:10

Tgt Ion:	98	Resp:	329801
Ion Ratio	Lower	Upper	
98	100		
100	69.9	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 50.484 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VF061551.D

Acq: 7 Feb 2019 18:10

Instrument :

MSVOA_F

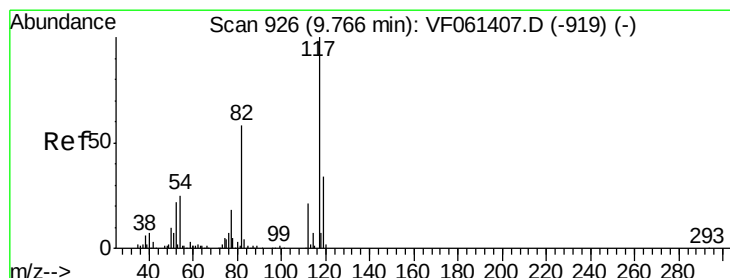
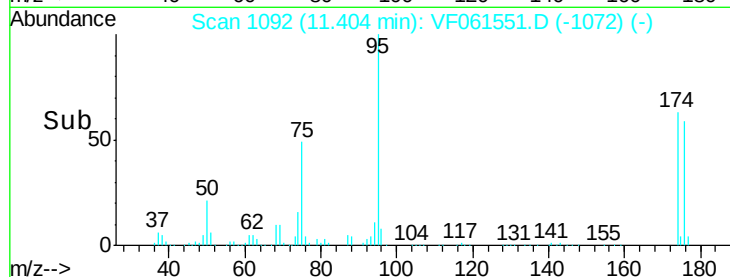
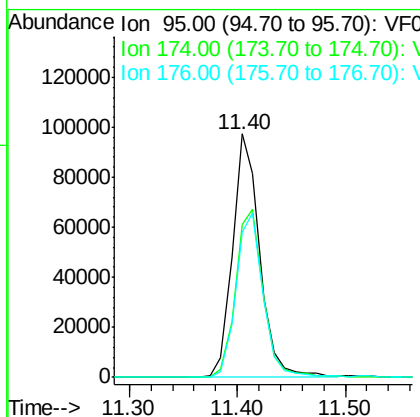
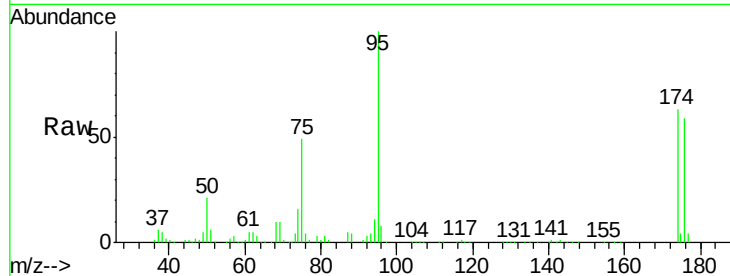
ClientSampleId :

A0C12-SS1-7.5-8.0

Tot Ion:	95	Resp:	169417
Ion Ratio	Lower	Upper	
95	100		
174	62.5	0.0	130.4
176	59.4	0.0	126.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

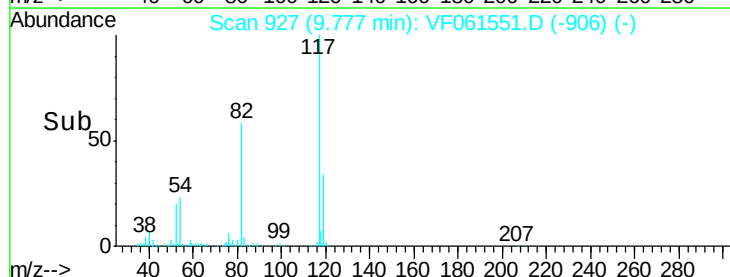
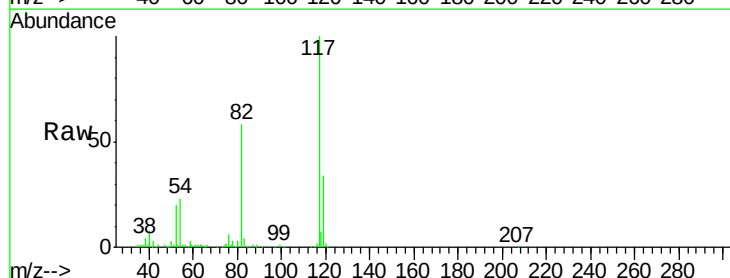
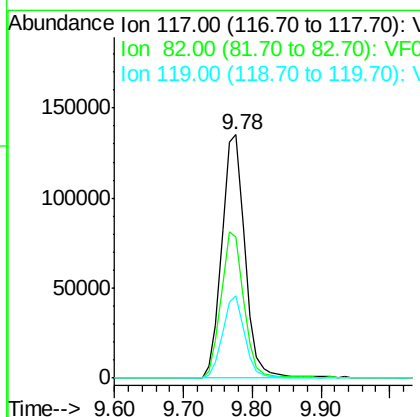
RT: 9.78 min Scan# 927

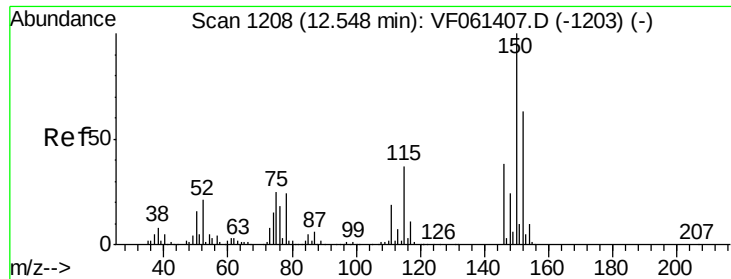
Delta R.T. 0.01 min

Lab File: VF061551.D

Acq: 7 Feb 2019 18:10

Tgt Ion:	117	Resp:	316268
Ion Ratio	Lower	Upper	
117	100		
82	57.8	46.4	69.6
119	33.7	27.2	40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF061551.D

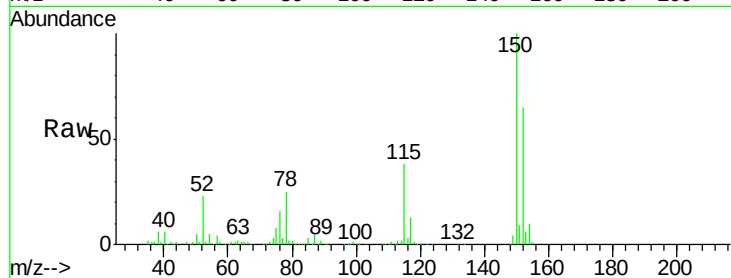
Acq: 7 Feb 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

A0C12-SS1-7.5-8.0



Tot Ion:152 Resp: 178212

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 153.2 0.0 321.4

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