

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061362.D
 Acq On : 11 Jan 2019 12:15
 Operator : VA/AP
 Sample : VF0111SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0111SBL01

Manual Integrations
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 1/14/2019 1:16:34 PM

Quant Time: Jan 12 03:42:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	201044	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	366186	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	324116	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	180384	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	114201	51.03	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	102.06%	
35) Dibromofluoromethane	4.09	113	138460	49.42	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	7.53	98	355056	42.82	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	85.64%	
62) 4-Bromofluorobenzene	11.40	95	177390	48.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.98%	
Target Compounds						
20) Methylene Chloride	2.17	84	6353m	2.885	ug/l	Qvalue

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

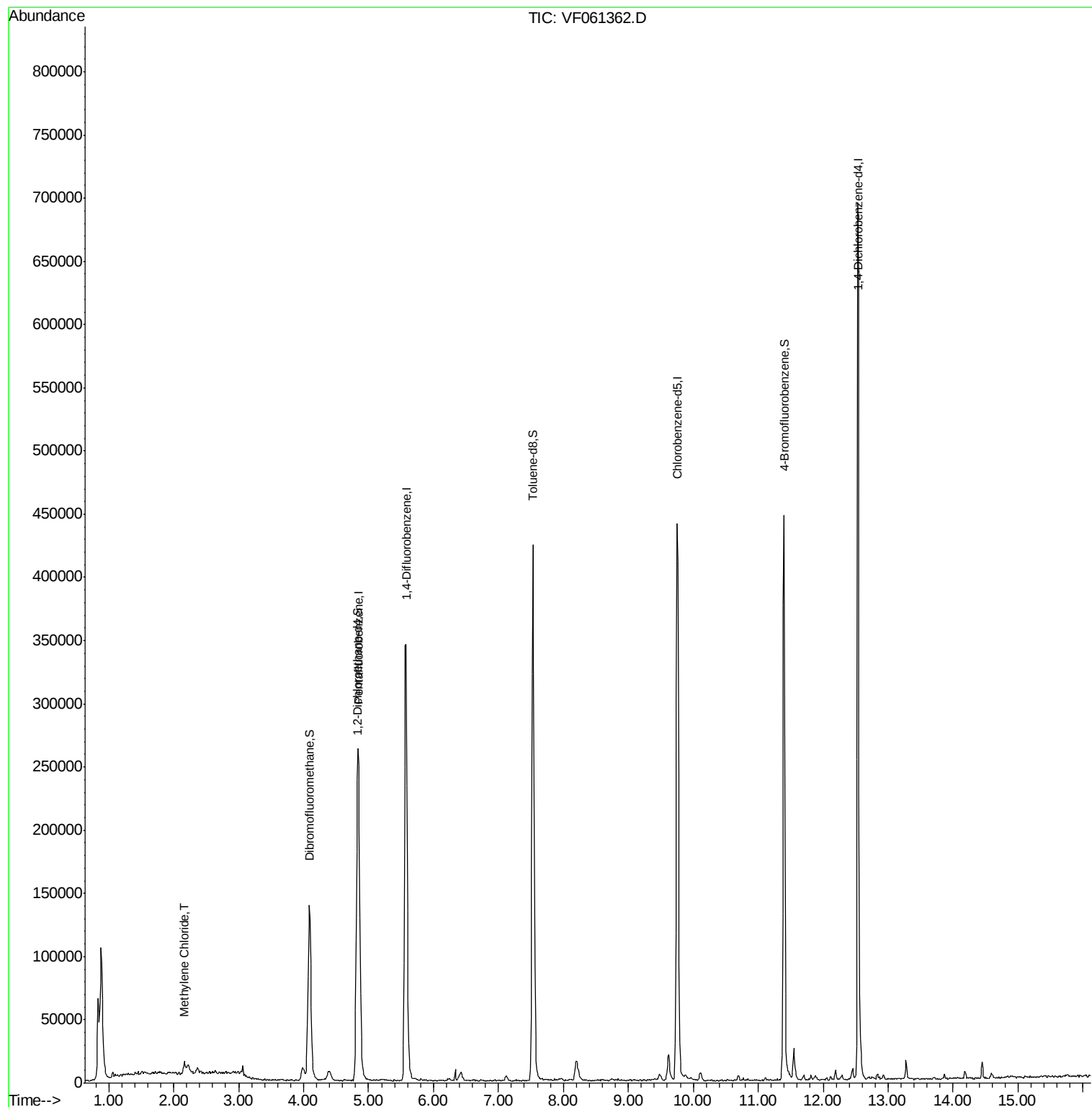
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011119\
Data File : VF061362.D
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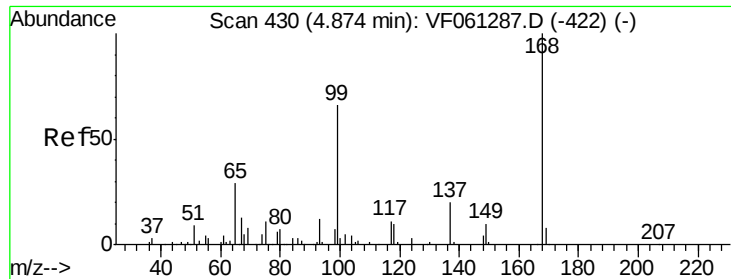
Instrument :
MSVOA_F
ClientSampleId :
VF0111SBL01

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Quant Time: Jan 12 03:42:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061362.D

Acq: 11 Jan 2019 12:15

Instrument :

MSVOA_F

ClientSampleId :

VF0111SBL01

Tot Ion:168 Resp: 201044

Ion Ratio Lower Upper

168 100

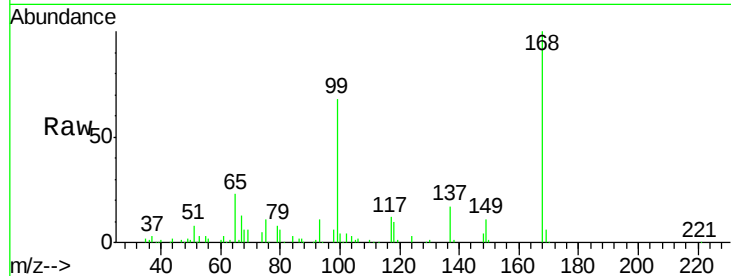
99 68.4 52.7 79.1

Manual Integrations

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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

60000

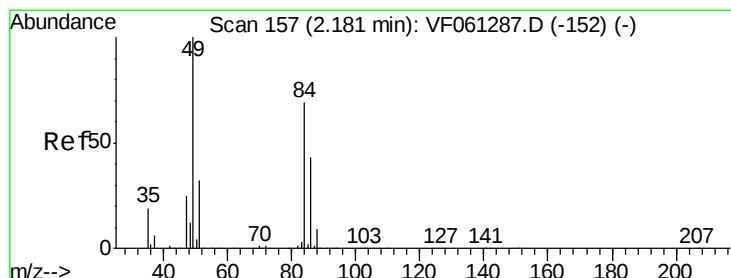
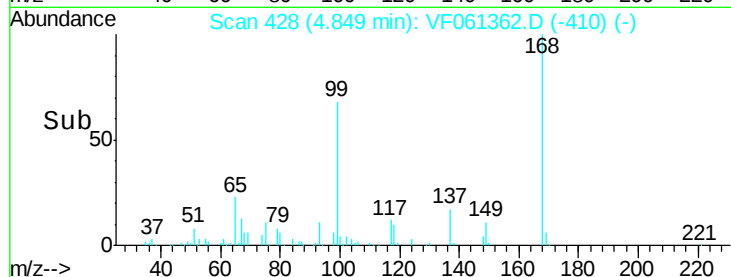
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 2.885 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.02 min

Lab File: VF061362.D

Acq: 11 Jan 2019 12:15

Tgt Ion: 84 Resp: 6353

Ion Ratio Lower Upper

84 100

49 144.7 116.6 175.0

51 44.6 37.7 56.5

86 52.4 49.8 74.8

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

4000

3000

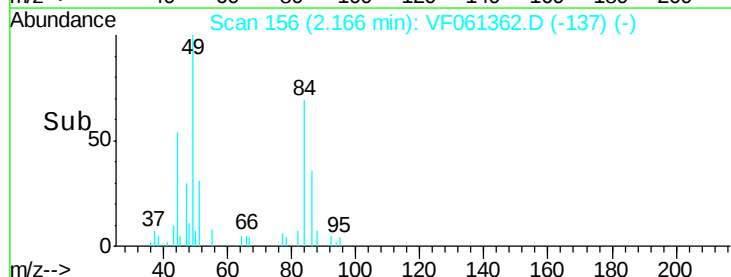
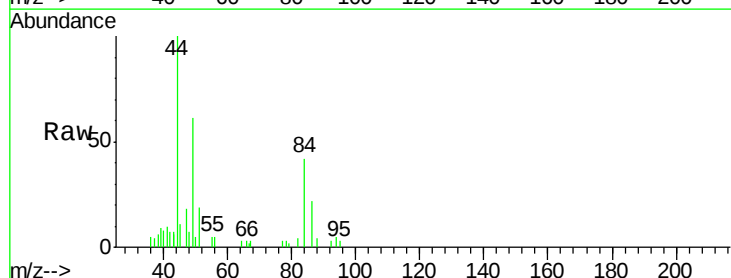
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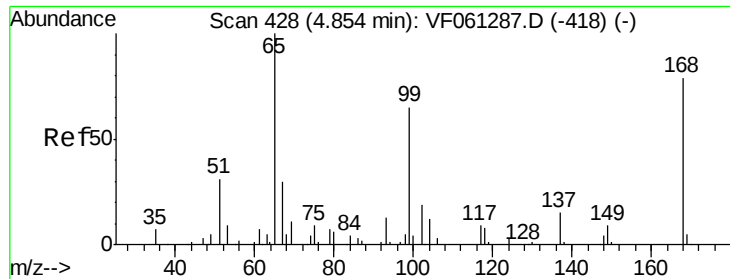
1000

0

2.10 2.20 2.30

Time-->





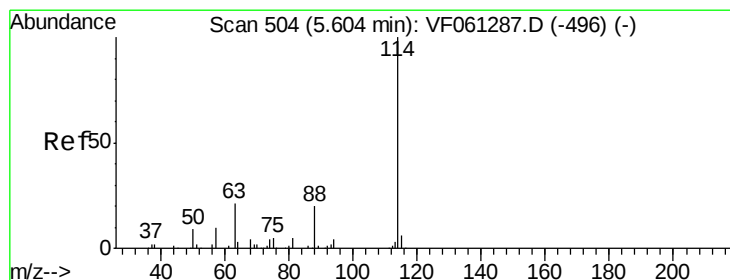
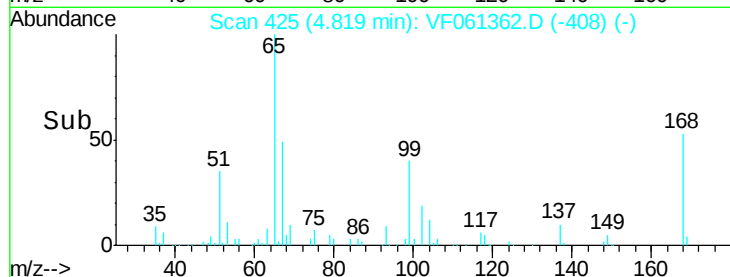
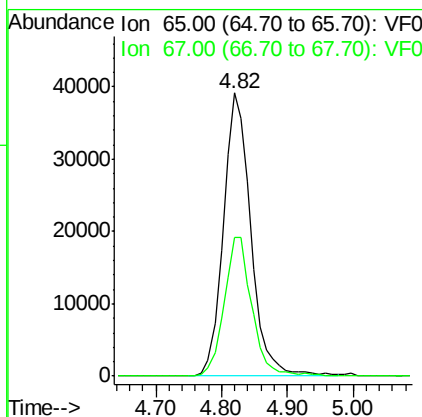
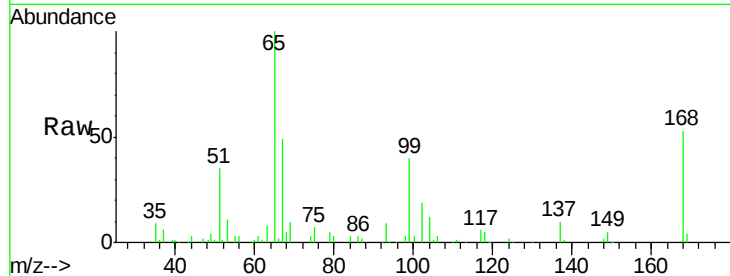
#33
 1,2-Dichloroethane-d4
 Concen: 51.034 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.04 min
 Lab File: VF061362.D
 Acq: 11 Jan 2019 12:15

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0111SBL01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	114201		
67	49.1	0.0	98.2	

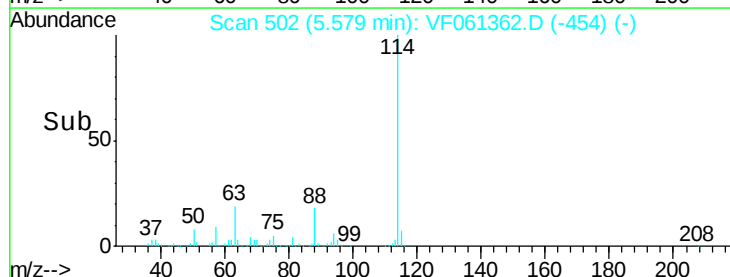
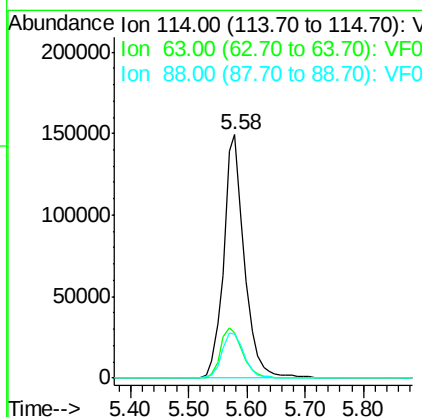
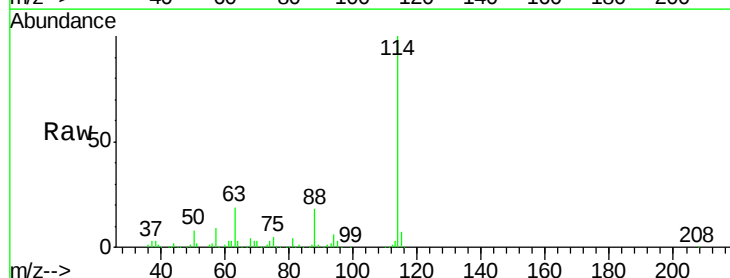
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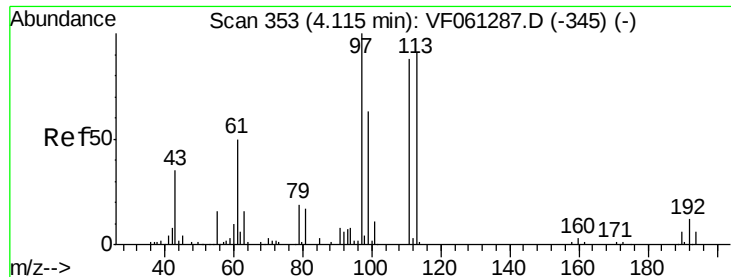
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061362.D
 Acq: 11 Jan 2019 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	366186		
63	18.6	0.0	42.8	
88	17.8	0.0	40.0	





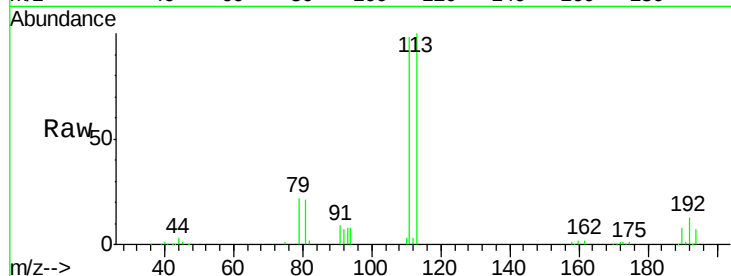
#35
Dibromofluoromethane
Concen: 49.416 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061362.D
Acq: 11 Jan 2019 12:15

Instrument :
MSVOA_F
ClientSampleId :
VF0111SBL01

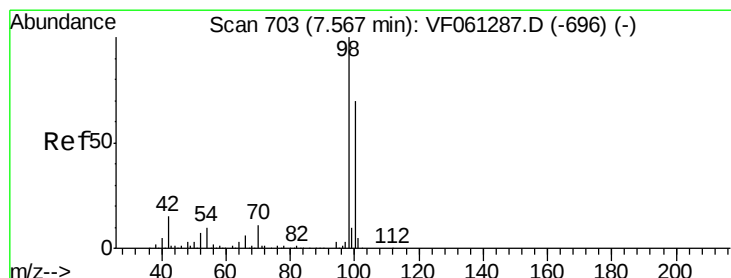
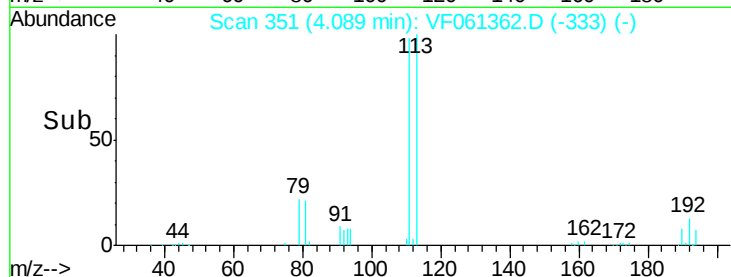
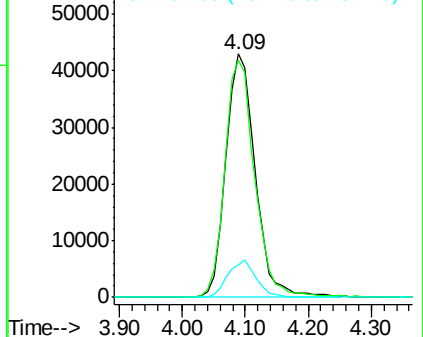
Tot Ion	Ratio	Lower	Upper
113	100		
111	97.5	78.0	117.0
192	13.2	10.6	16.0

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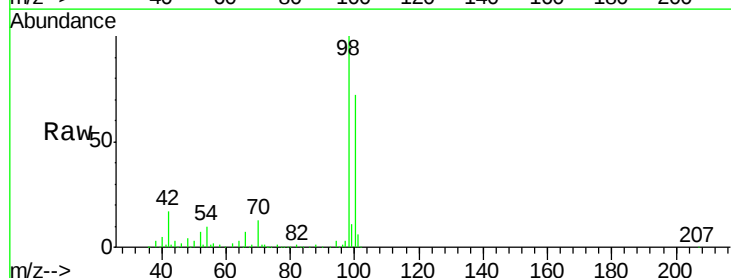


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

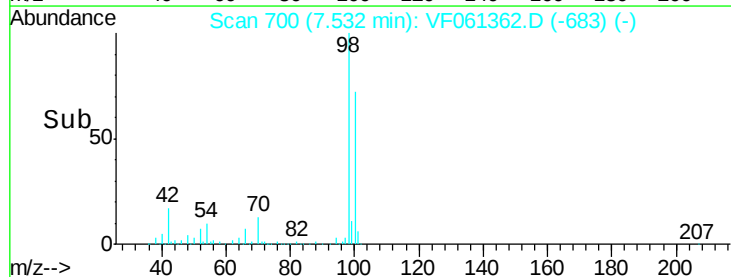
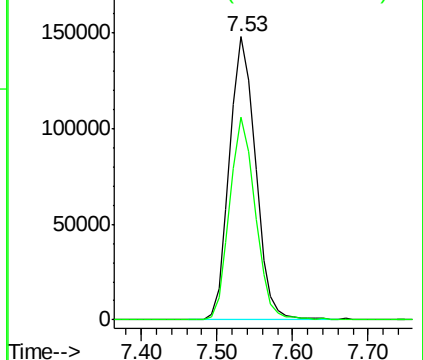


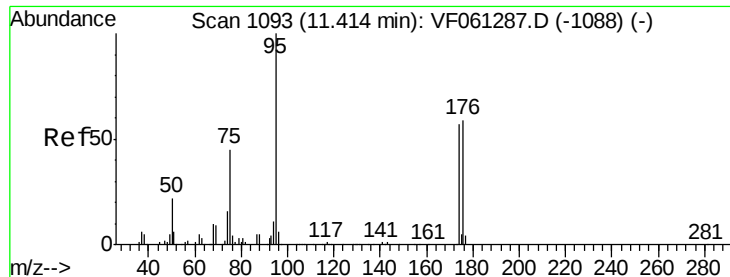
#50
Toluene-d8
Concen: 42.821 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF061362.D
Acq: 11 Jan 2019 12:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.7	55.6	83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 48.994 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061362.D

Acq: 11 Jan 2019 12:15

Instrument :

MSVOA_F

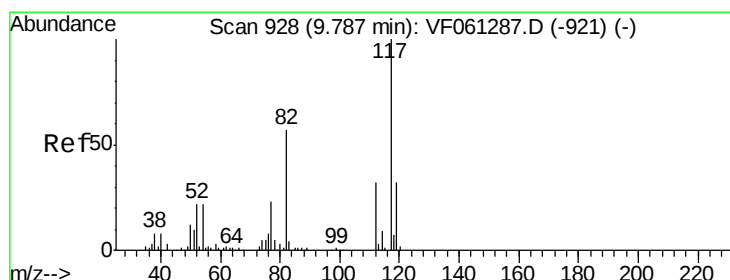
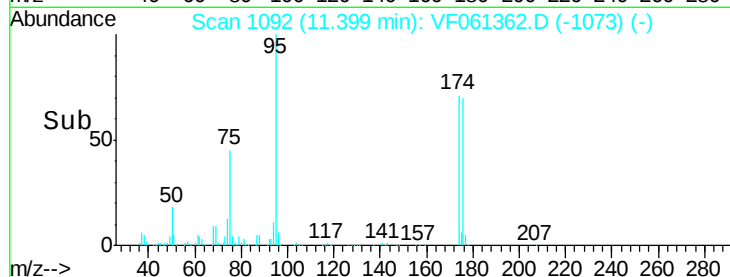
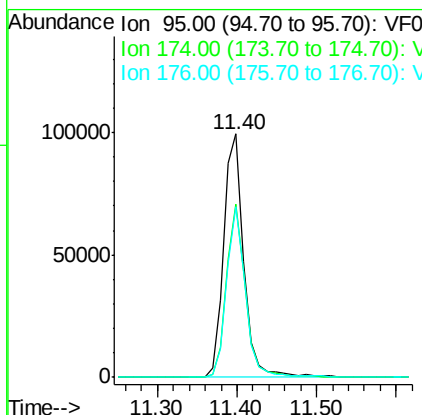
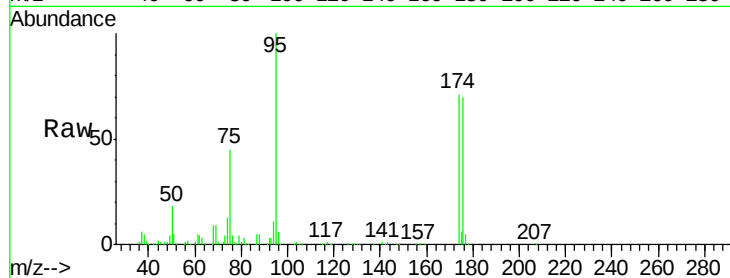
ClientSampled :

VF0111SBL01

Tot Ion:	95	Resp:	177390
Ion Ratio	Lower	Upper	
95	100		
174	71.0	0.0	114.2
176	70.1	0.0	117.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

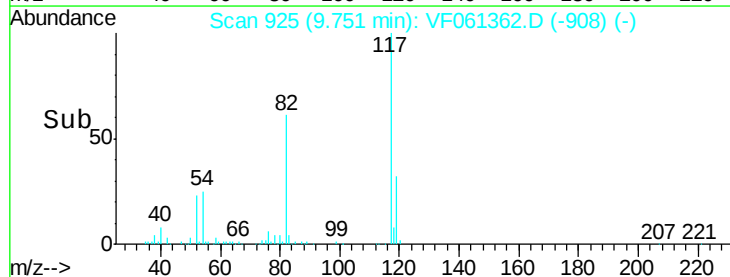
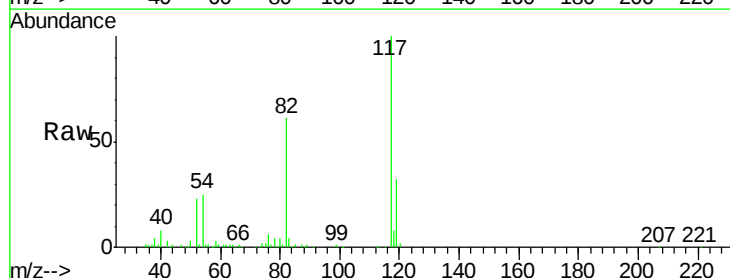
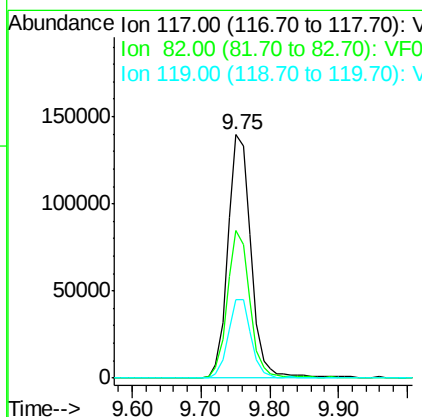
RT: 9.75 min Scan# 925

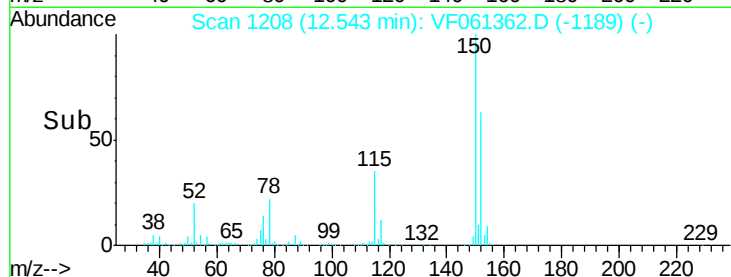
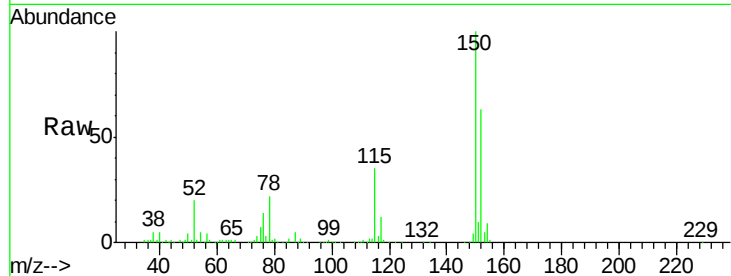
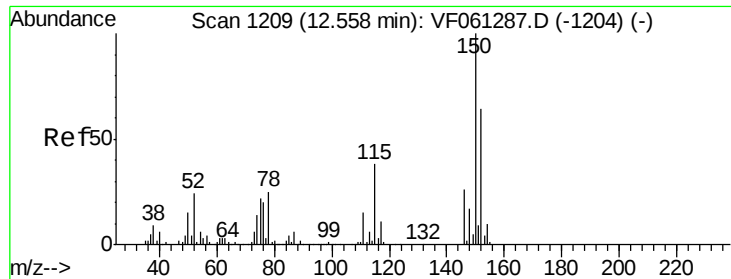
Delta R.T. -0.04 min

Lab File: VF061362.D

Acq: 11 Jan 2019 12:15

Tgt Ion:	117	Resp:	324116
Ion Ratio	Lower	Upper	
117	100		
82	60.5	45.3	67.9
119	32.5	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061362.D

Acq: 11 Jan 2019 12:15

Instrument :

MSVOA_F

ClientSampleId :

VF0111SBL01

Tot Ion:152 Resp: 180384

Ion Ratio Lower Upper

152 100

115 56.2 29.6 88.9

150 159.1 0.0 315.4

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