

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061705.D
 Acq On : 22 Feb 2019 13:15
 Operator : VA/AP
 Sample : VF0222SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0222SBL01

Manual Integrations
 APPROVED

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 2/27/2019 5:40:43 PM

Quant Time: Feb 23 02:54:31 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	4.84	168	341597	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.57	114	512691	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	424964	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	265023	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	138548	55.31	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	110.62%	
35) Dibromofluoromethane	4.09	113	218021	57.26	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	114.52%	
50) Toluene-d8	7.53	98	567781	51.88	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.40	95	239429	54.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.14%	
Target Compounds						
20) Methylene Chloride	2.17	84	16912m	3.530	ug/l	Qvalue

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

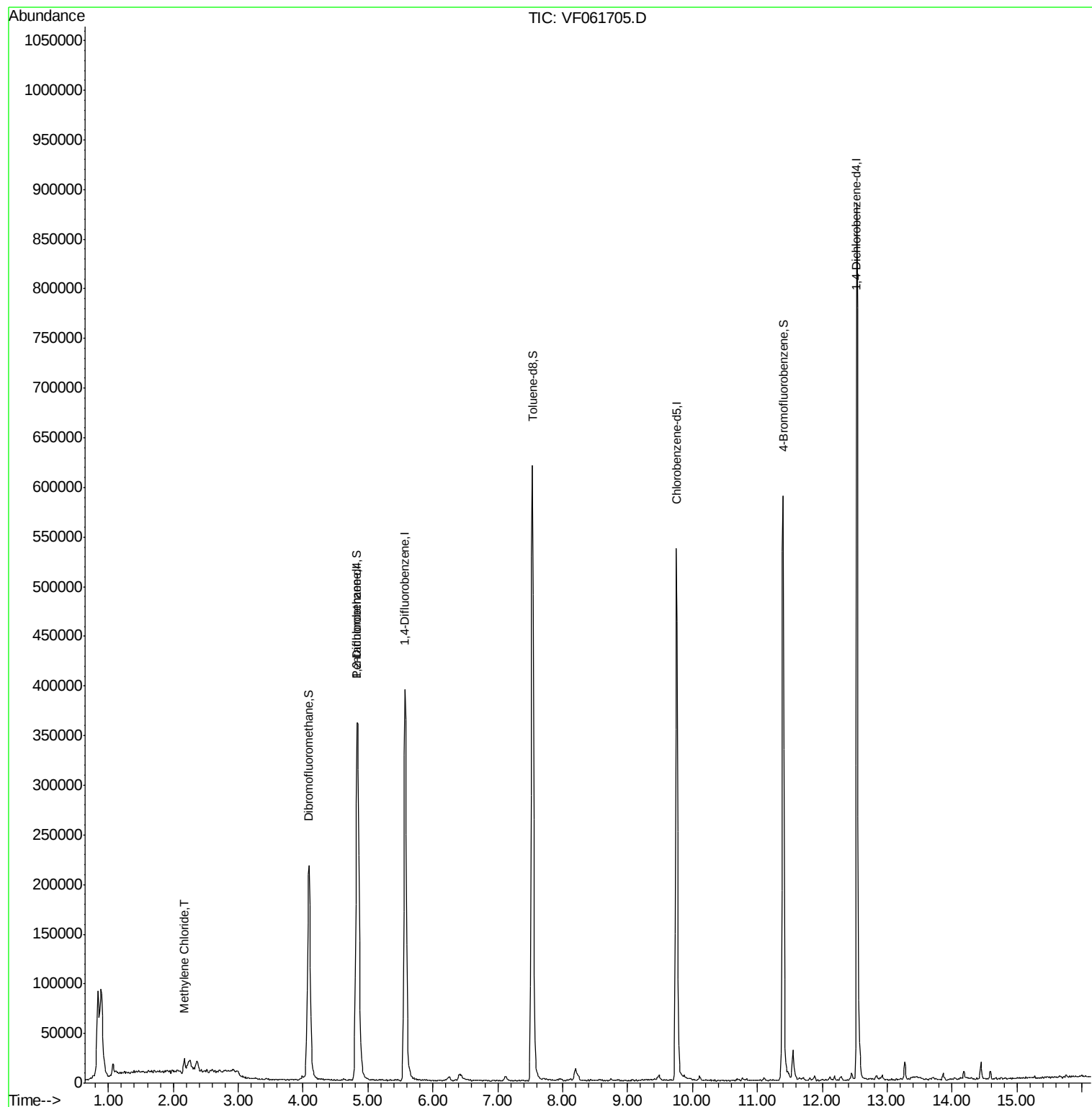
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022219\
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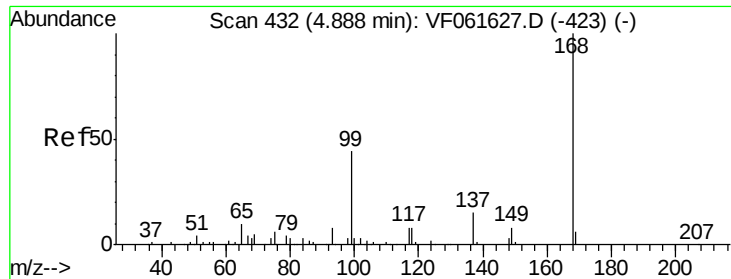
Instrument :
MSVOA_F
ClientSampleId :
VF0222SBL01

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Quant Time: Feb 23 02:54:31 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: 4.84 min Scan# 427

Delta R.T. -0.05 min

Lab File: VF061705.D

Acq: 22 Feb 2019 13:15

Instrument :

MSVOA_F

ClientSampleId :

VF0222SBL01

Tot Ion:168 Resp: 341597

Ion Ratio Lower Upper

168 100

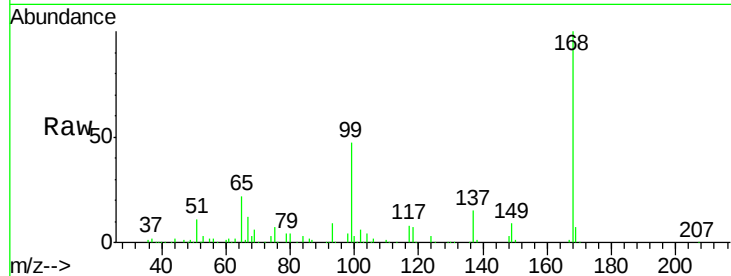
99 46.9 34.9 52.3

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

4.84

120000

100000

80000

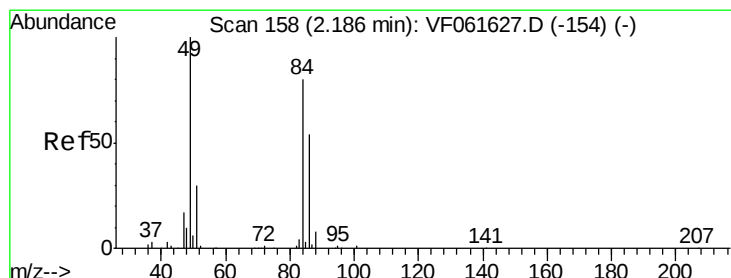
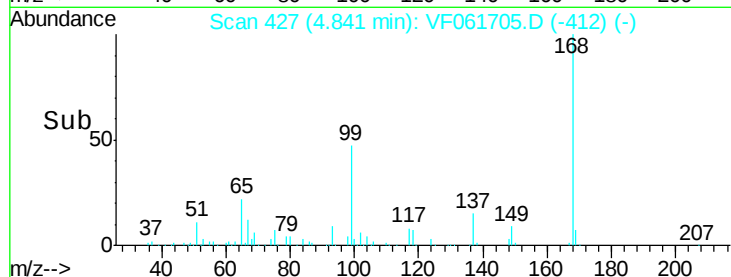
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.530 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.02 min

Lab File: VF061705.D

Acq: 22 Feb 2019 13:15

Tgt Ion: 84 Resp: 16912

Ion Ratio Lower Upper

84 100

49 134.6 101.8 152.8

51 35.8 31.1 46.7

86 69.3 54.4 81.6

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

6000

5000

4000

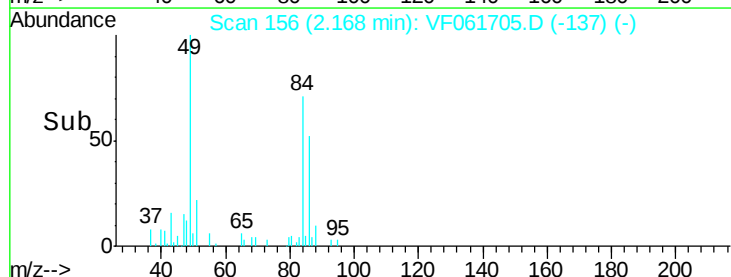
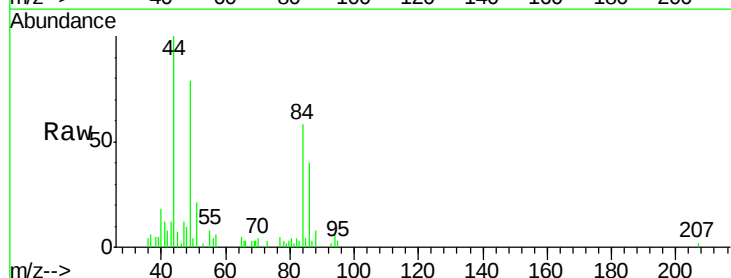
3000

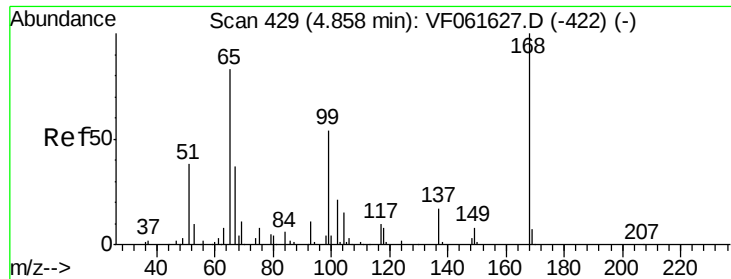
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.309 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.04 min

Lab File: VF061705.D

Acq: 22 Feb 2019 13:15

Instrument :

MSVOA_F

ClientSampled :

VF0222SBL01

Tot Ion: 65 Resp: 138548

Ion Ratio Lower Upper

65 100

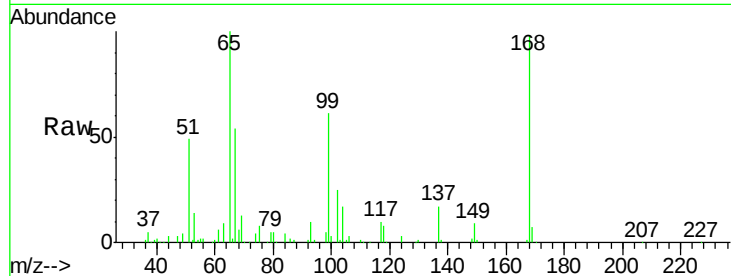
67 53.9 0.0 104.0

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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

50000

40000

30000

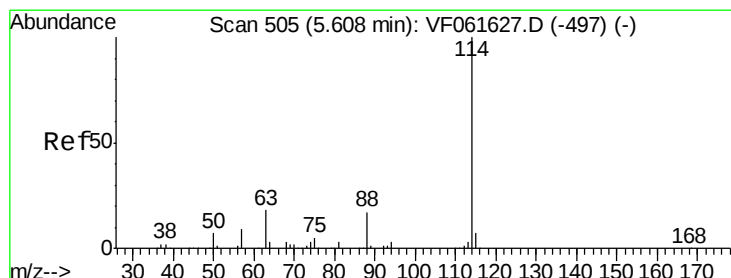
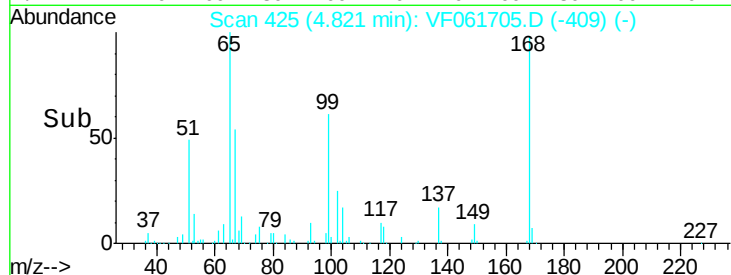
20000

10000

0

4.70 4.80 4.90 5.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.04 min

Lab File: VF061705.D

Acq: 22 Feb 2019 13:15

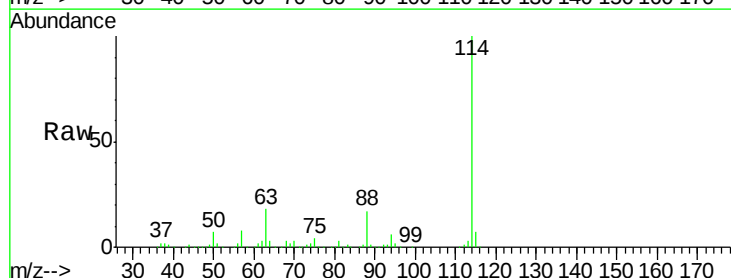
Tgt Ion:114 Resp: 512691

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 16.9 0.0 34.4



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

250000

200000

150000

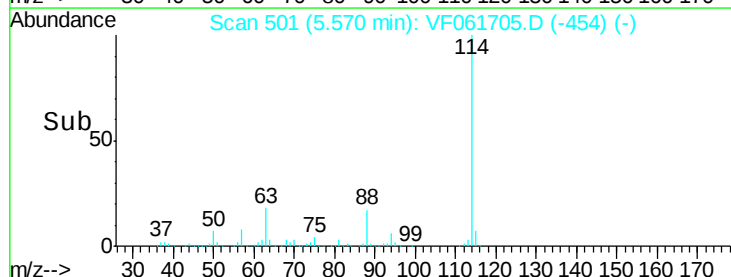
100000

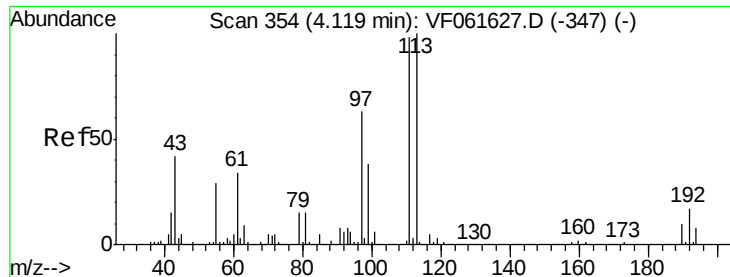
50000

0

5.40 5.50 5.60 5.70 5.80

Time-->





#35

Dibromofluoromethane

Concen: 57.264 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061705.D

Acq: 22 Feb 2019 13:15

Instrument :

MSVOA_F

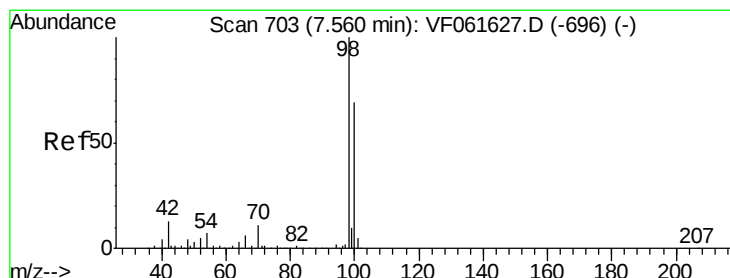
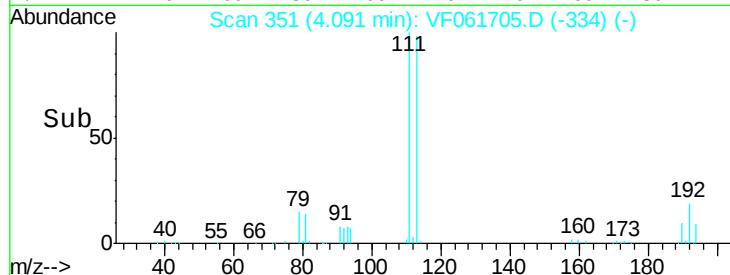
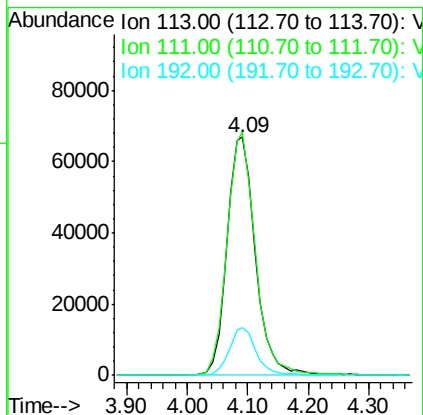
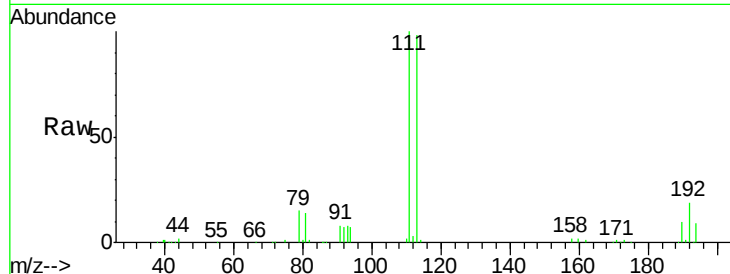
ClientSampleId :

VF0222SBL01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	78.8	118.2
192	19.9	13.4	20.0

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2/27/2019 5:40:43 PM



#50

Toluene-d8

Concen: 51.877 ug/l

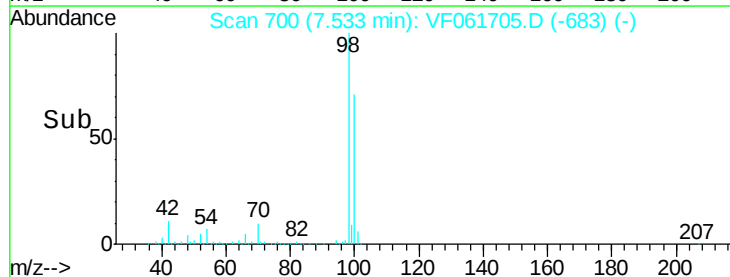
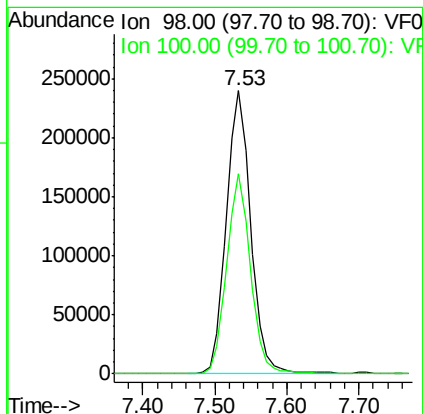
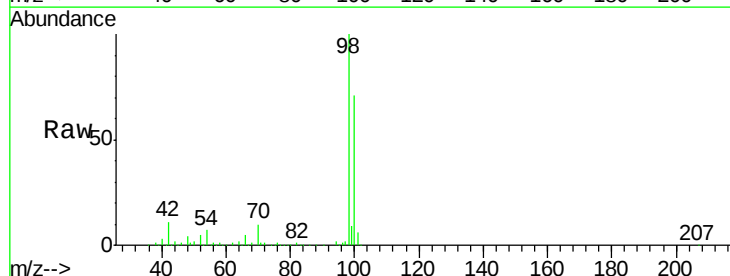
RT: 7.53 min Scan# 700

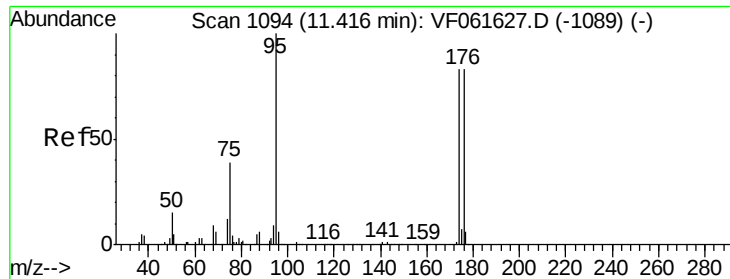
Delta R.T. -0.03 min

Lab File: VF061705.D

Acq: 22 Feb 2019 13:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.5	55.4	83.2





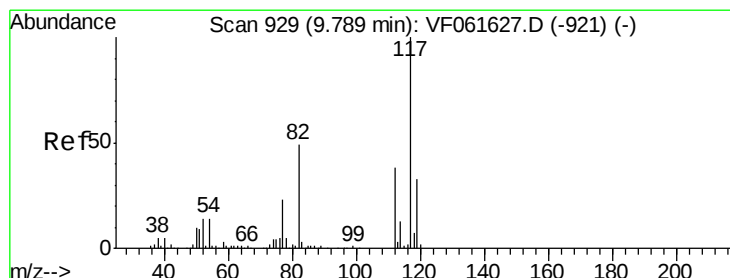
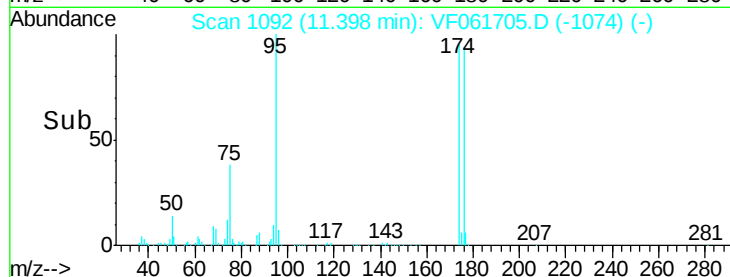
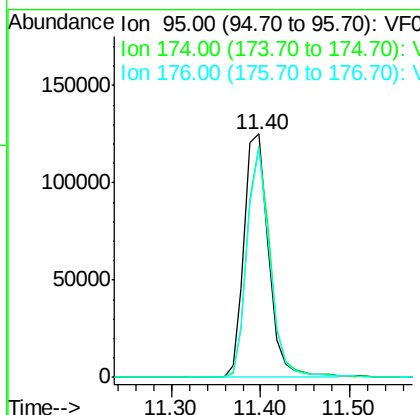
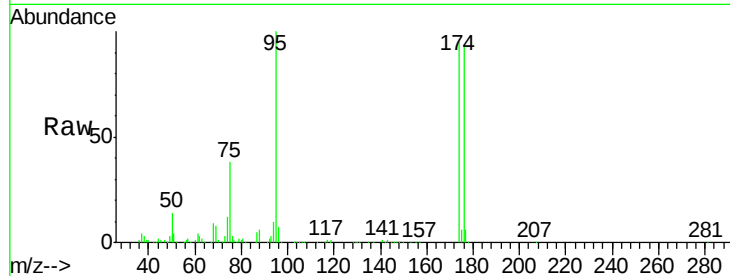
#62
4-Bromofluorobenzene
Concen: 54.066 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061705.D
Acq: 22 Feb 2019 13:15

Instrument :
MSVOA_F
ClientSampleId :
VF0222SBL01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	239429		
174	94.9	0.0	165.8	
176	94.2	0.0	167.0	

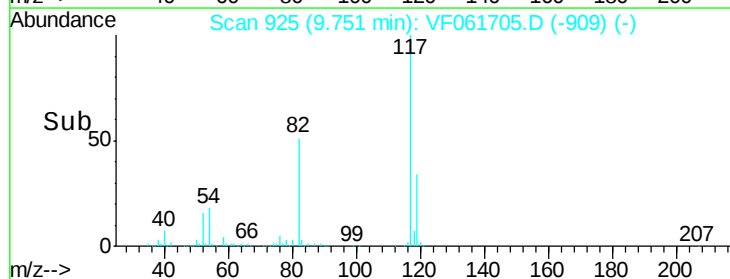
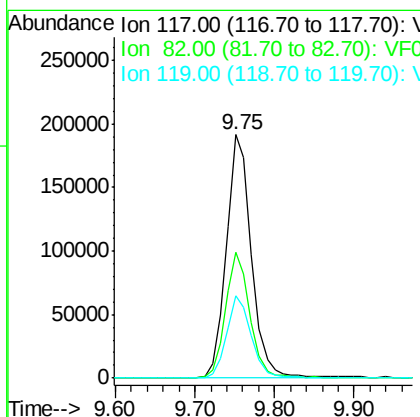
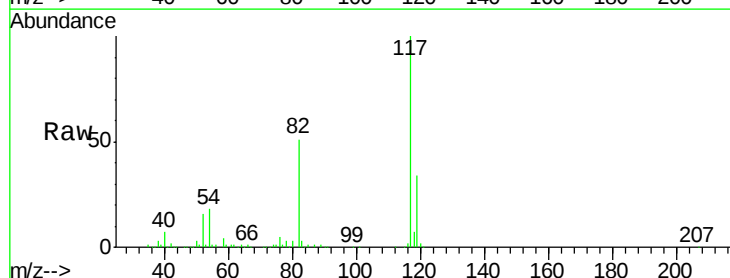
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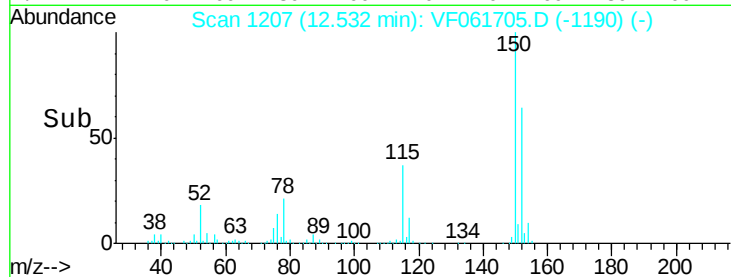
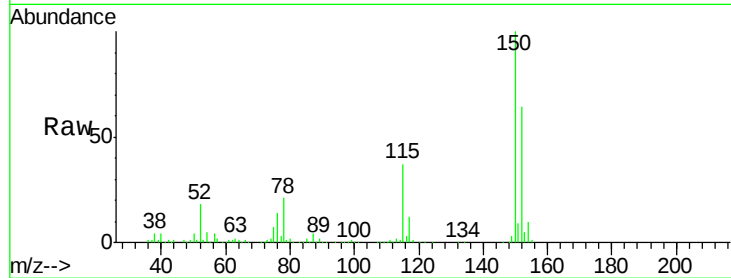
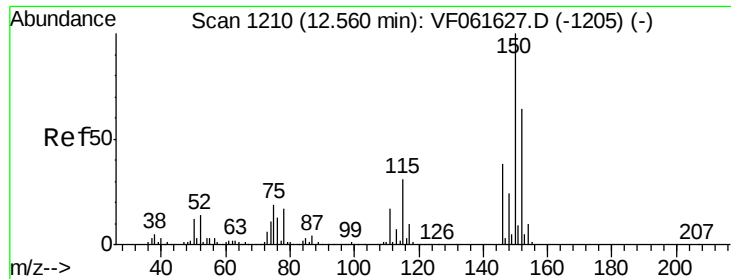
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061705.D
Acq: 22 Feb 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	424964		
82	51.4	39.3	58.9	
119	33.8	26.6	40.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.03 min

Lab File: VF061705.D

Acq: 22 Feb 2019 13:15

Instrument :

MSVOA_F

ClientSampleId :

VF0222SBL01

Tot Ion:152 Resp: 265023

Ion Ratio Lower Upper

152 100

115 58.5 24.3 72.8

150 156.3 0.0 312.0

Manual Integrations

APPROVED

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2/27/2019 5:40:43 PM

