

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\
 Data File : VF060762.D
 Acq On : 16 Nov 2018 13:28
 Operator : VA/AP
 Sample : VF1116SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1116SBL01

Manual Integrations
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Quant Time: Nov 17 04:32:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	216408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	344077	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	306125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	191317	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	112588	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
35) Dibromofluoromethane	4.13	113	130036	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	7.57	98	334794	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.42	95	166026	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.24	84	20145m	9.151	ug/l	

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

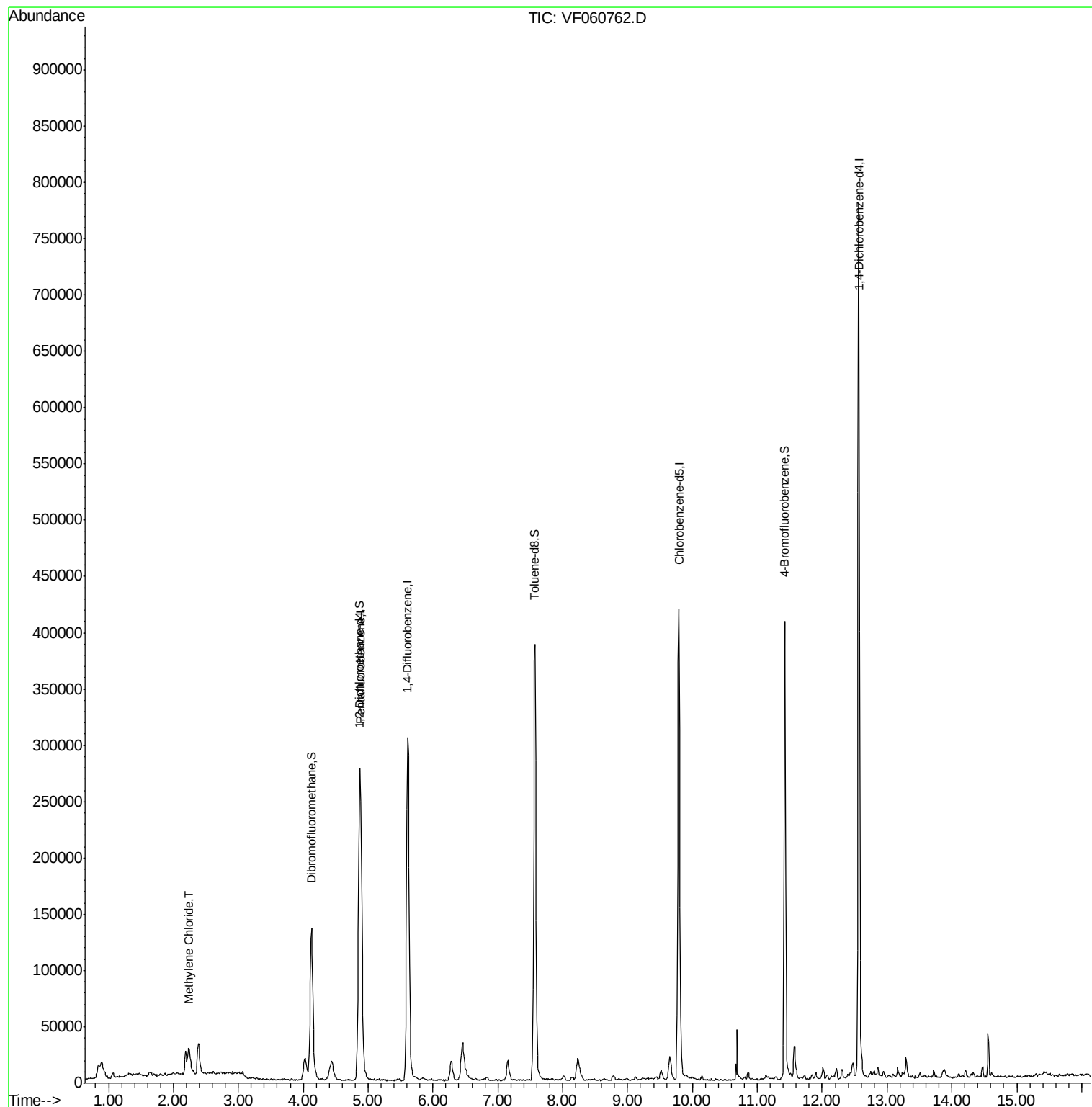
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111618\
Data File : VF060762.D
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Quant Time: Nov 17 04:32:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.00 min

Lab File: VF060762.D

Acq: 16 Nov 2018 13:28

Instrument :

MSVOA_F

ClientSampleId :

VF1116SBL01

Tot Ion:168 Resp: 216408

Ion Ratio Lower Upper

168 100

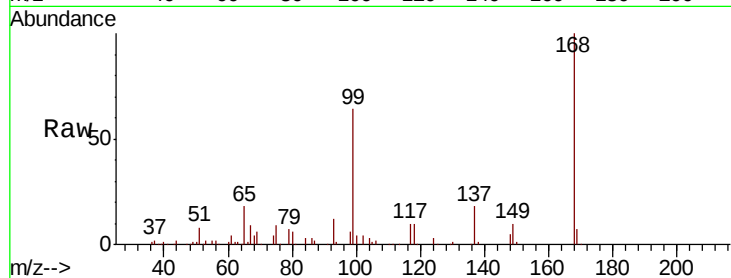
99 63.9 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF060710.D (-423) (-)

Ion 99.00 (98.70 to 99.70): VF060710.D (-423) (-)

4.89

60000

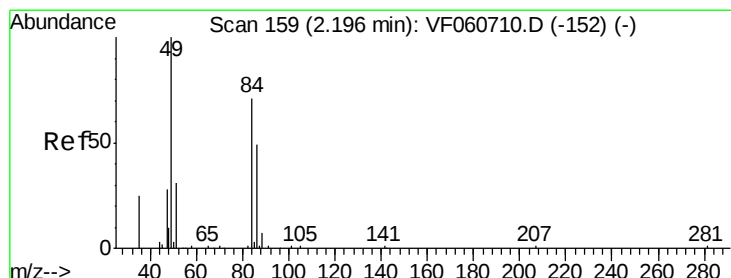
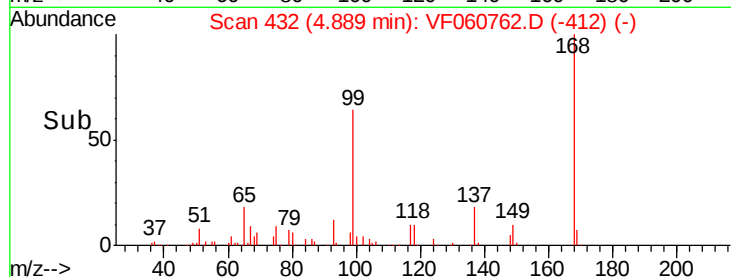
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#20

Methylene Chloride

Concen: 9.151 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. 0.04 min

Lab File: VF060762.D

Acq: 16 Nov 2018 13:28

Tgt Ion: 84 Resp: 20145

Ion Ratio Lower Upper

84 100

49 144.8 120.2 180.4

51 48.1 37.2 55.8

86 61.7 55.1 82.7

Abundance Ion 84.00 (83.70 to 84.70): VF060710.D (-152) (-)

Ion 49.00 (48.70 to 49.70): VF060710.D (-152) (-)

Ion 51.00 (50.70 to 51.70): VF060710.D (-152) (-)

Ion 86.00 (85.70 to 86.70): VF060710.D (-152) (-)

8000

6000

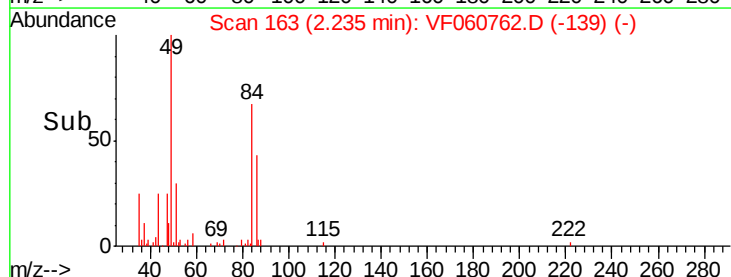
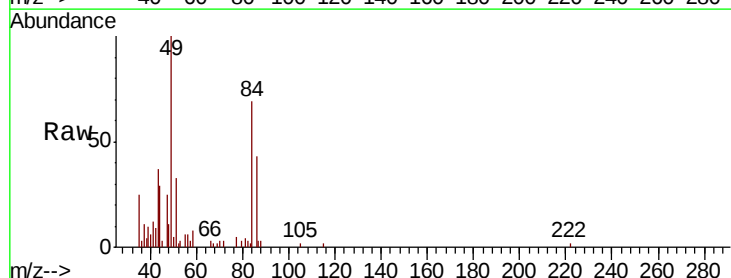
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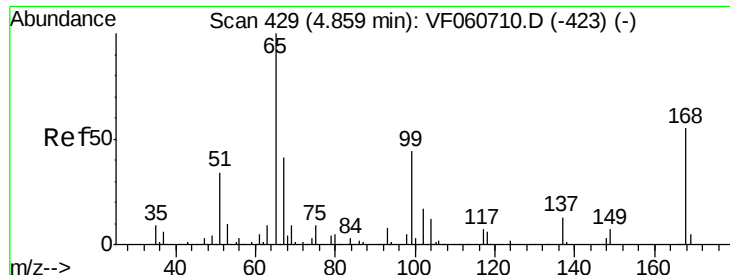
2000

0

Time-->

2.10 2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 45.612 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF060762.D

Acq: 16 Nov 2018 13:28

Instrument :

MSVOA_F

ClientSampleId :

VF1116SBL01

Tot Ion: 65 Resp: 112588

Ion Ratio Lower Upper

65 100

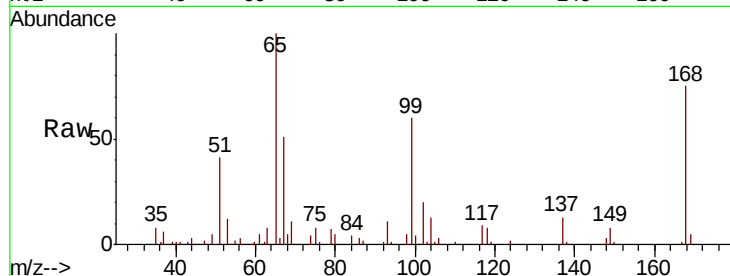
67 50.8 0.0 90.2

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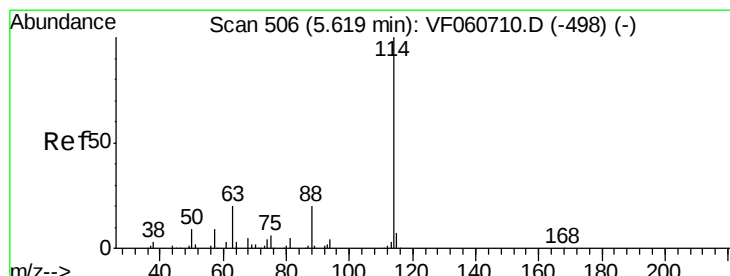
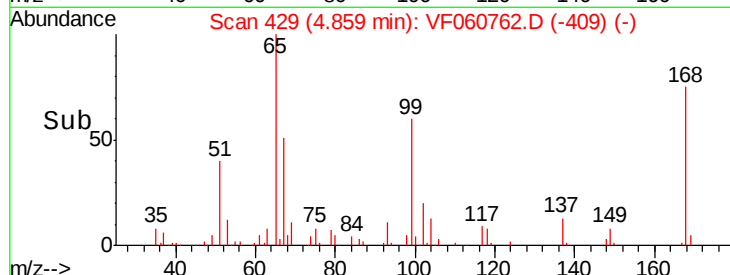
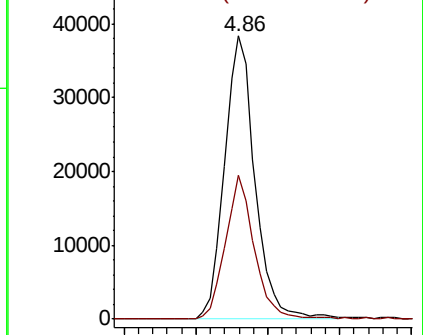
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060762.D

Acq: 16 Nov 2018 13:28

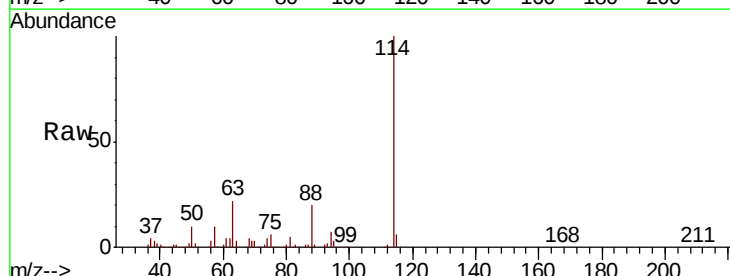
Tgt Ion: 114 Resp: 344077

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

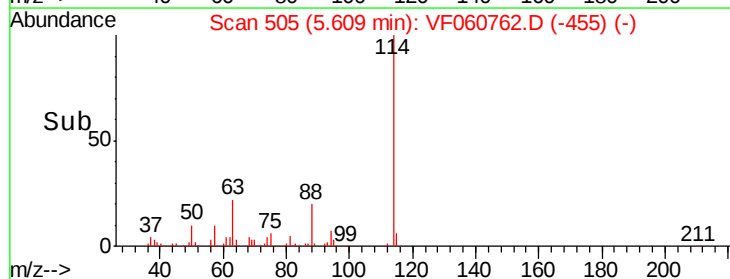
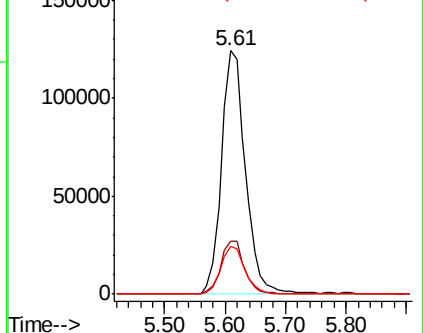
88 19.9 0.0 39.6

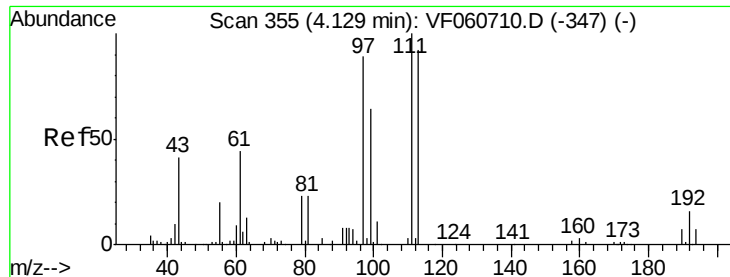


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





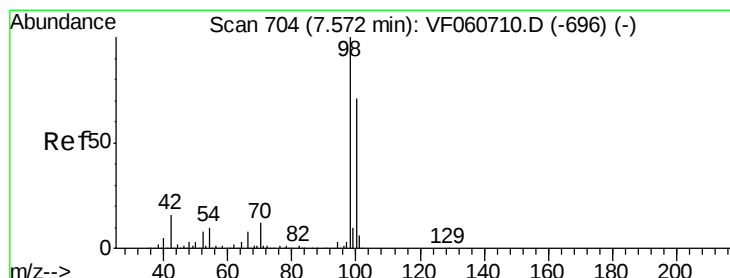
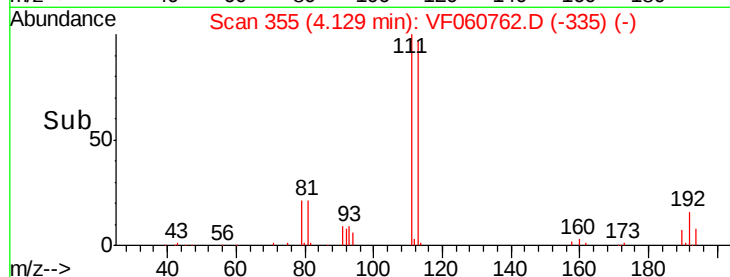
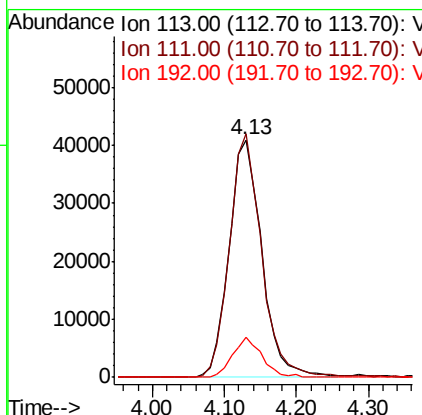
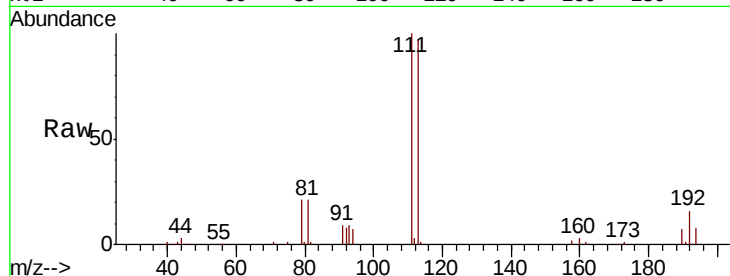
#35
Dibromofluoromethane
Concen: 50.277 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.00 min
Lab File: VF060762.D
Acq: 16 Nov 2018 13:28

Instrument :
MSVOA_F
ClientSampleId :
VF1116SBL01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	87.1	130.7
192	16.7	13.8	20.6

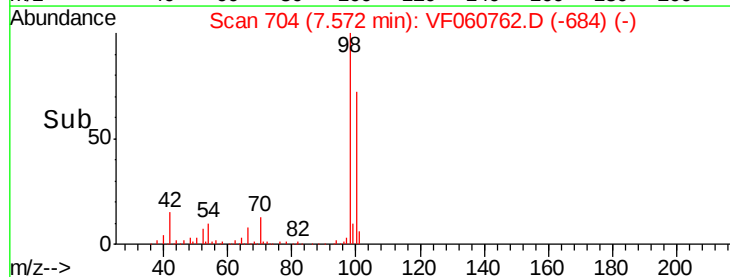
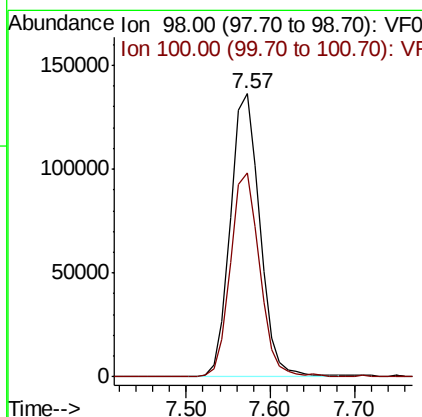
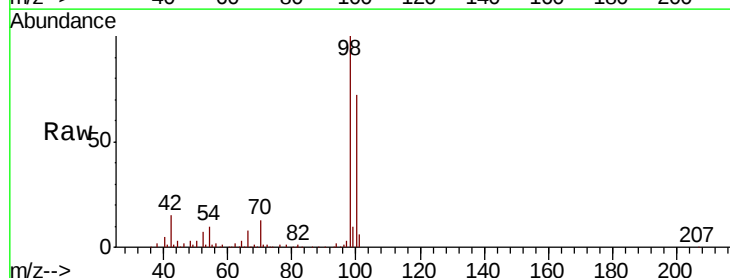
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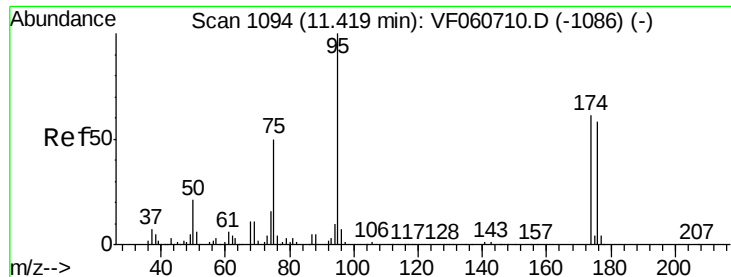
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#50
Toluene-d8
Concen: 50.479 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.00 min
Lab File: VF060762.D
Acq: 16 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	72.2	56.5	84.7





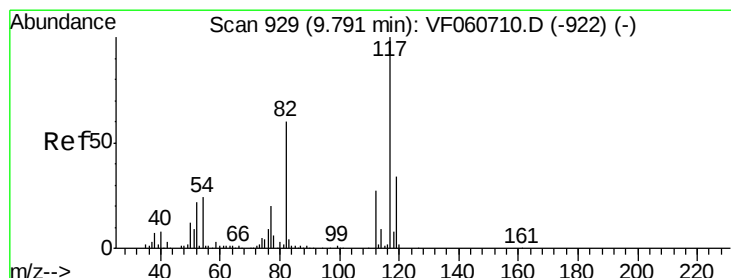
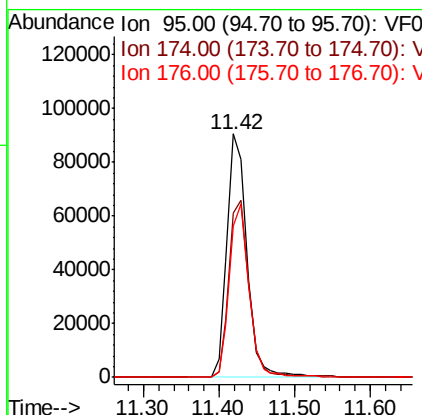
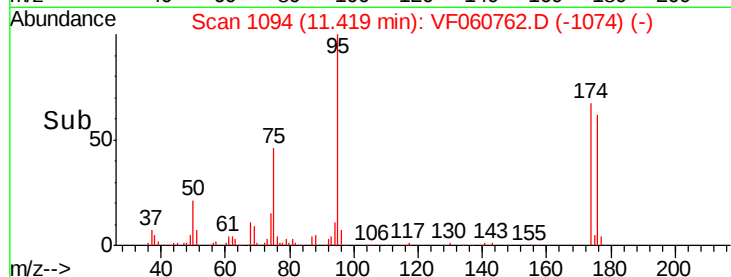
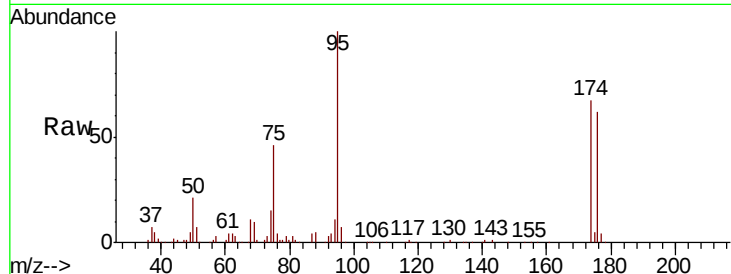
#62
4-Bromofluorobenzene
Concen: 54.618 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060762.D
Acq: 16 Nov 2018 13:28

Instrument :
MSVOA_F
ClientSampleId :
VF1116SBL01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	166026		
174	67.3	0.0	121.6	
176	62.0	0.0	115.2	

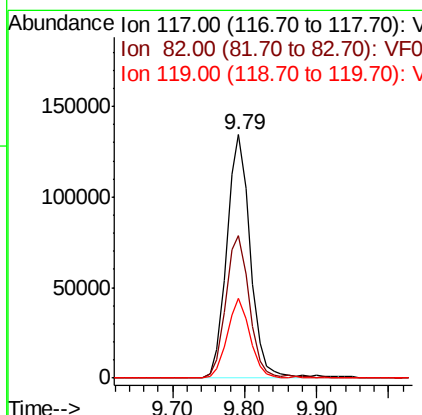
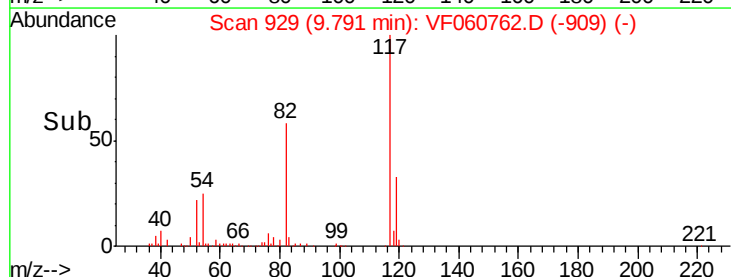
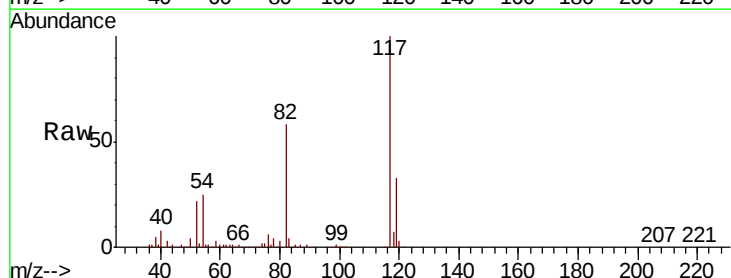
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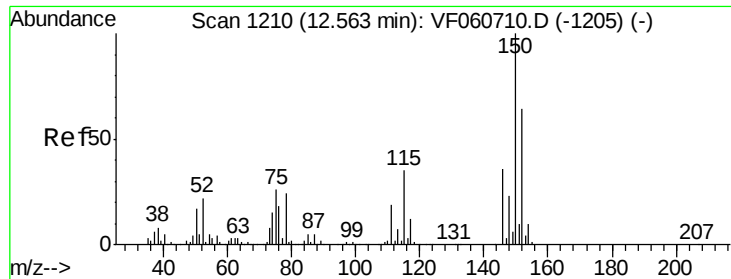
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF060762.D
Acq: 16 Nov 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	306125		
82	58.4	47.9	71.9	
119	32.9	26.8	40.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.00 min

Lab File: VF060762.D

Acq: 16 Nov 2018 13:28

Instrument :

MSVOA_F

ClientSampleId :

VF1116SBL01

Tot Ion:152 Resp: 191317

Ion Ratio Lower Upper

152 100

115 57.9 27.9 83.7

150 153.6 0.0 316.4

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