

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
 Data File : VF060944.D
 Acq On : 7 Dec 2018 22:27
 Operator : VA/AP
 Sample : J6260-07
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-6.5-7.0

Manual Integrations
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Quant Time: Dec 08 03:56:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	206850	50.00	ug/l	-0.07
34) 1,4-Difluorobenzene	5.57	114	353210	50.00	ug/l	-0.07
63) Chlorobenzene-d5	9.76	117	260665	50.00	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	12.54	152	92573	50.00	ug/l	-0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	105587	43.33	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	86.66%	
35) Dibromofluoromethane	4.09	113	118684	42.36	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	84.72%	
50) Toluene-d8	7.54	98	259582	31.45	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	62.90%	
62) 4-Bromofluorobenzene	11.39	95	96517	25.73	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	51.46%	
Target Compounds						
20) Methylene Chloride	2.23	84	5780m	3.506	ug/l	Qvalue

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

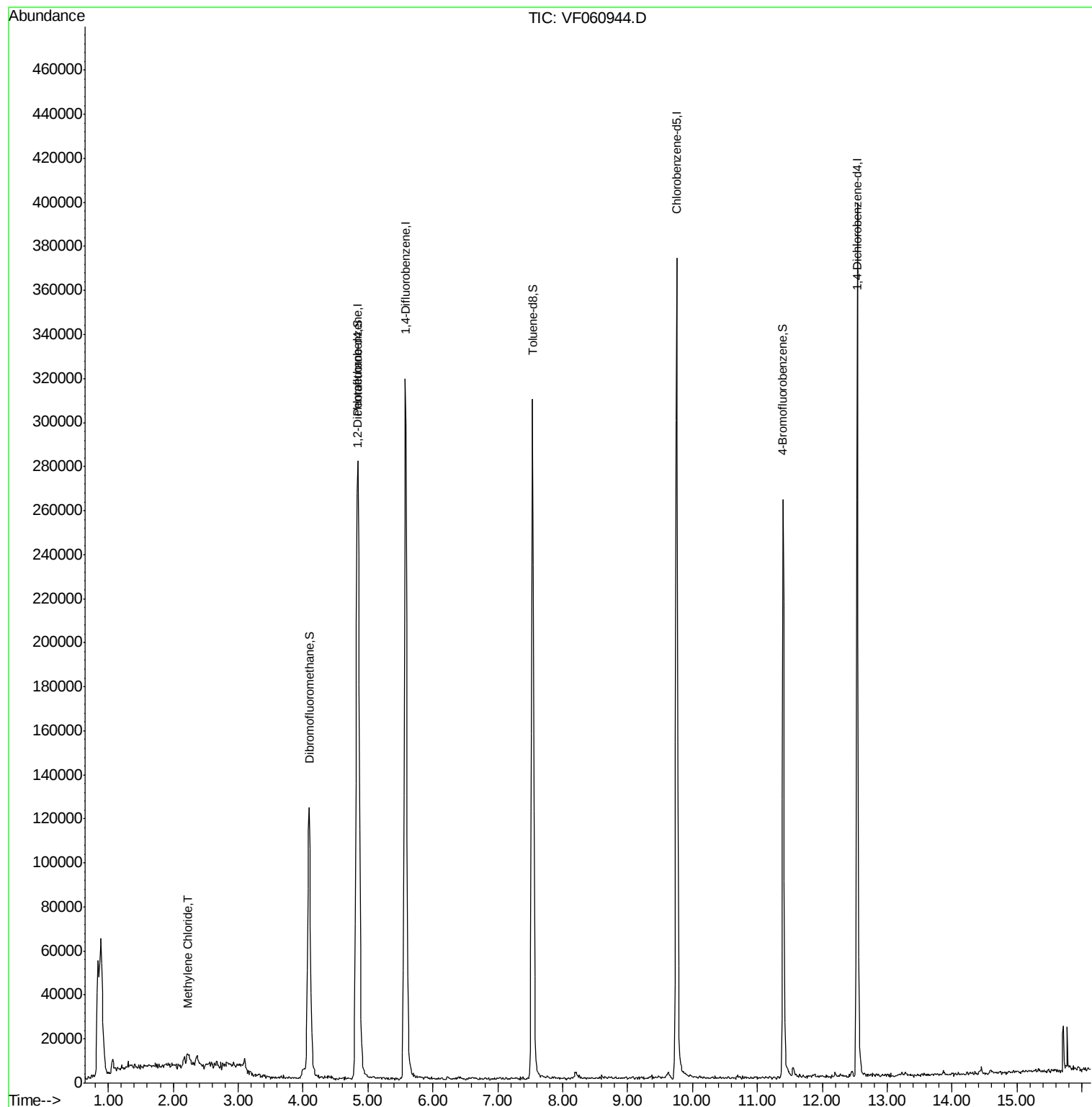
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Data File : VF060944.D
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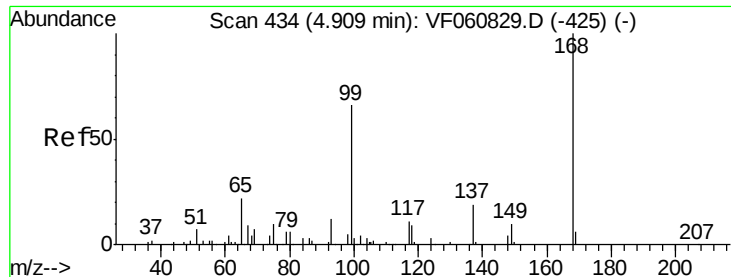
Instrument :
MSVOA_F
ClientSampleId :
SB-03-6.5-7.0

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Quant Time: Dec 08 03:56:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.07 min

Lab File: VF060944.D

Acq: 7 Dec 2018 22:27

Instrument :

MSVOA_F

ClientSampleId :

SB-03-6.5-7.0

Tgt Ion: 168 Resp: 206850

Ion Ratio Lower Upper

168 100

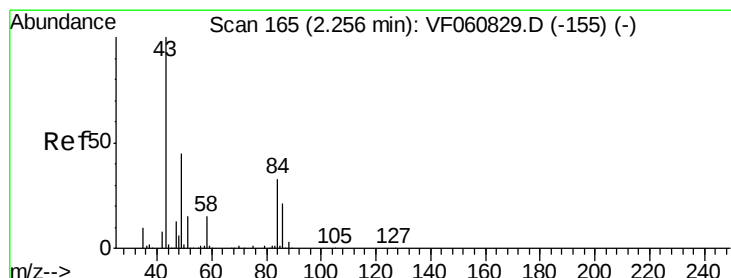
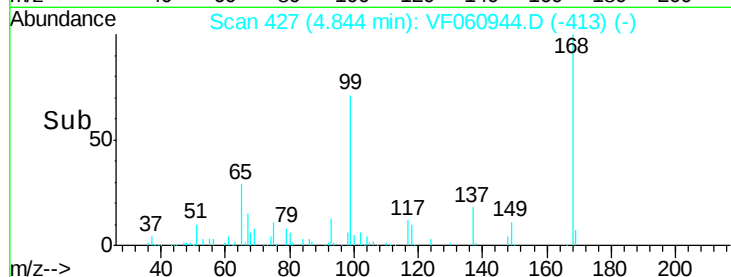
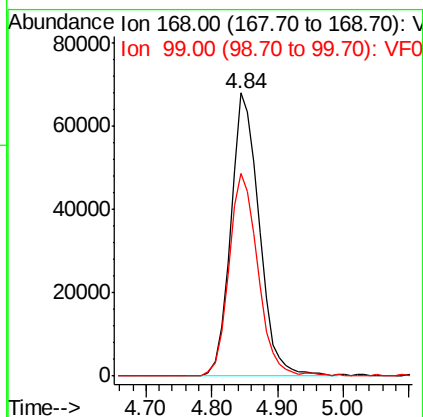
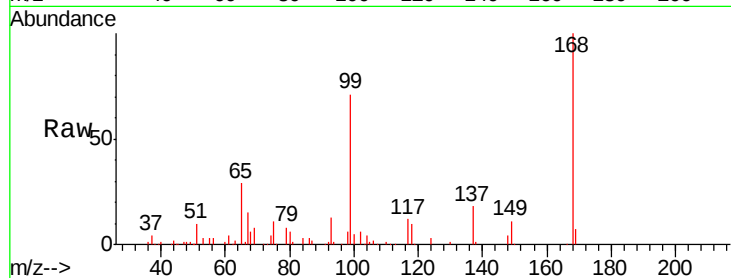
99 71.4 52.6 79.0

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#20

Methylene Chloride

Concen: 3.506 ug/l m

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF060944.D

Acq: 7 Dec 2018 22:27

Tgt Ion: 84 Resp: 5780

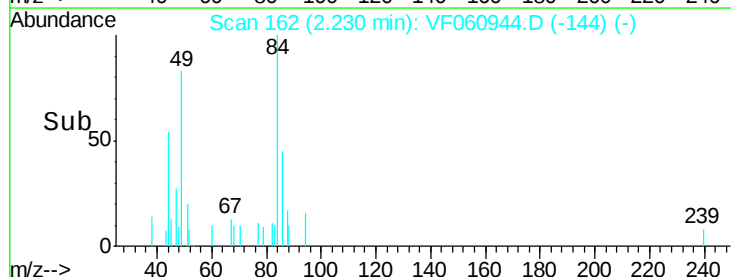
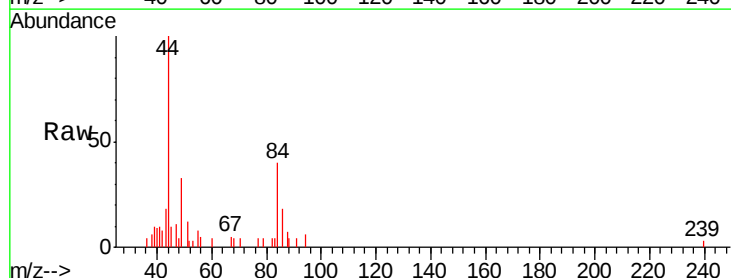
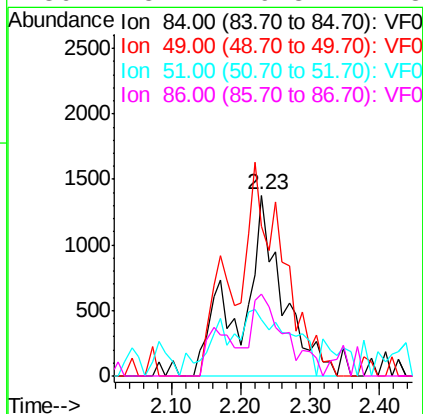
Ion Ratio Lower Upper

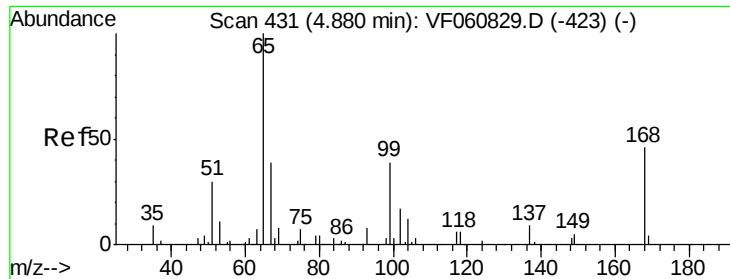
84 100

49 82.7 111.3 166.9#

51 31.2 38.0 57.0#

86 45.2 49.8 74.8#





#33

1,2-Dichloroethane-d4

Concen: 43.331 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.06 min

Lab File: VF060944.D

Acq: 7 Dec 2018 22:27

Instrument :

MSVOA_F

ClientSampleId :

SB-03-6.5-7.0

Tgt Ion: 65 Resp: 105587
Ion Ratio Lower Upper

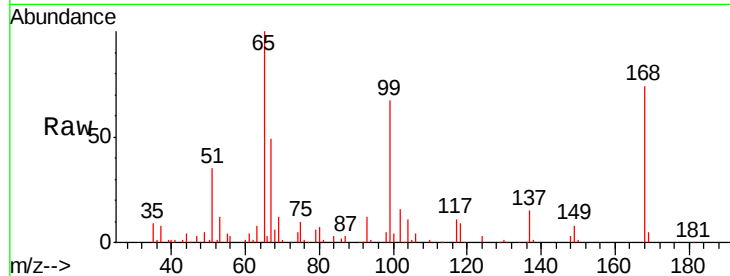
65 100

67 48.8 0.0 96.4

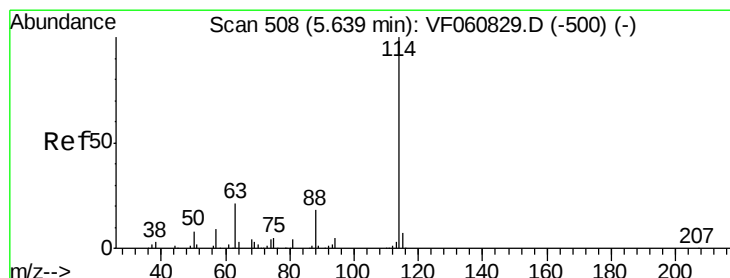
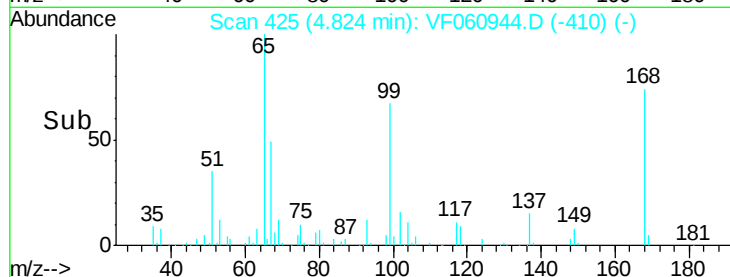
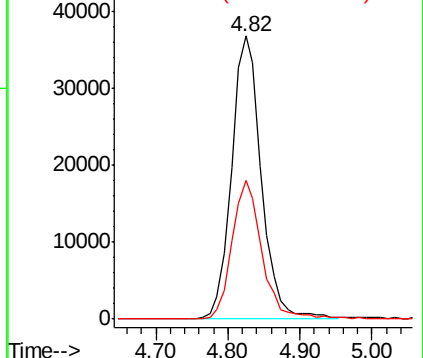
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Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.07 min

Lab File: VF060944.D

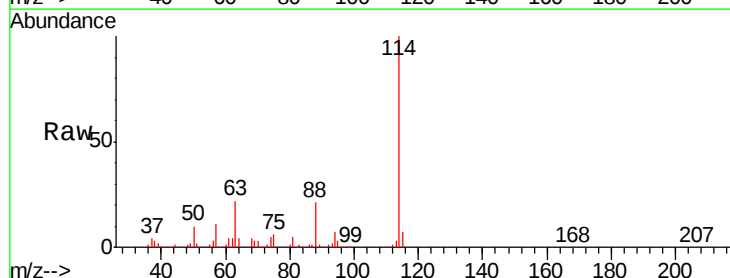
Acq: 7 Dec 2018 22:27

Tgt Ion: 114 Resp: 353210
Ion Ratio Lower Upper

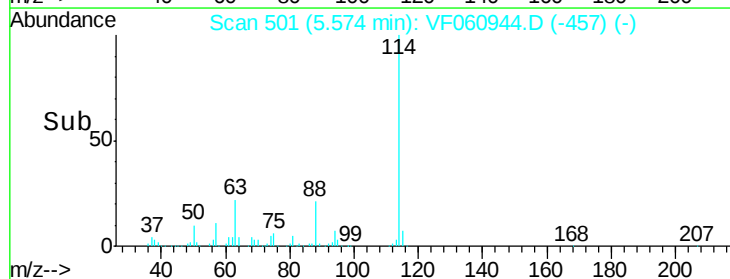
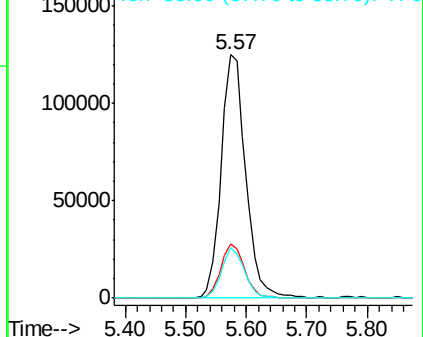
114 100

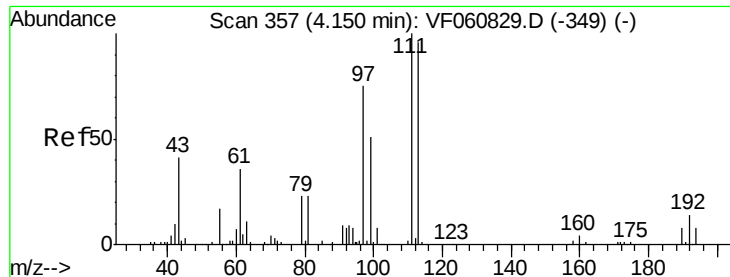
63 22.3 0.0 41.6

88 20.5 0.0 36.6



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





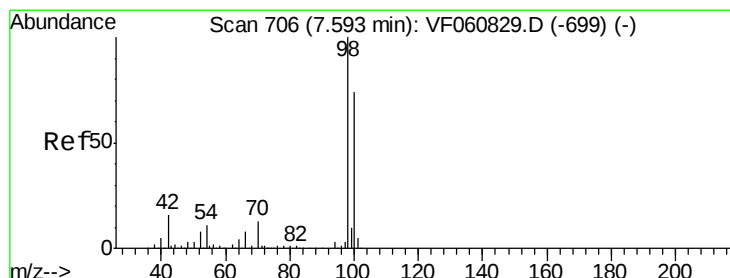
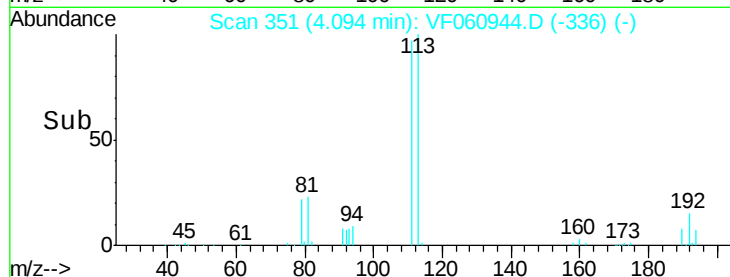
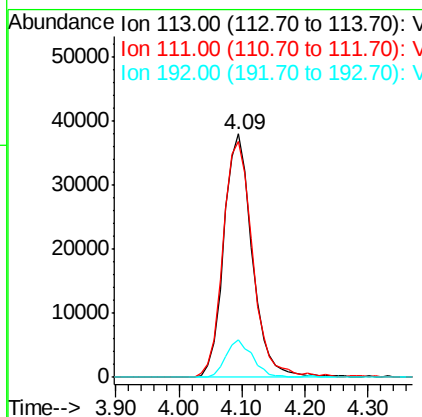
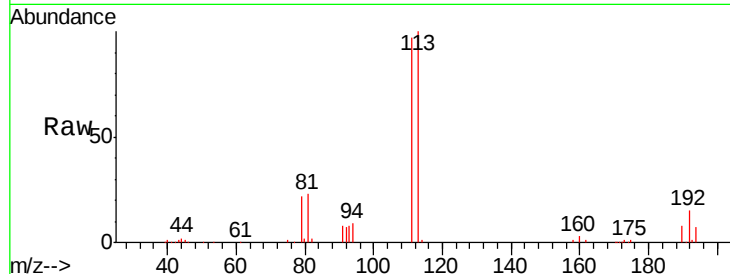
#35
Dibromofluoromethane
Concen: 42.355 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.06 min
Lab File: VF060944.D
Acq: 7 Dec 2018 22:27

Instrument :
MSVOA_F
ClientSampleId :
SB-03-6.5-7.0

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	118684		
111	97.1	83.0	124.6	
192	15.5	12.3	18.5	

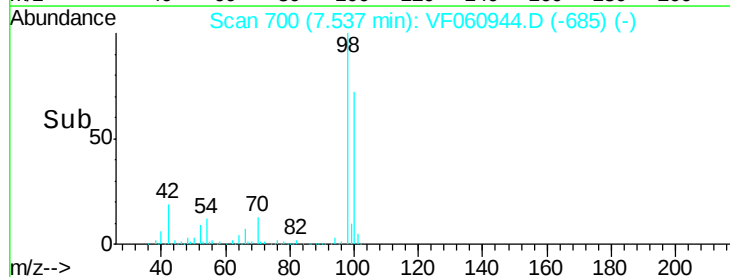
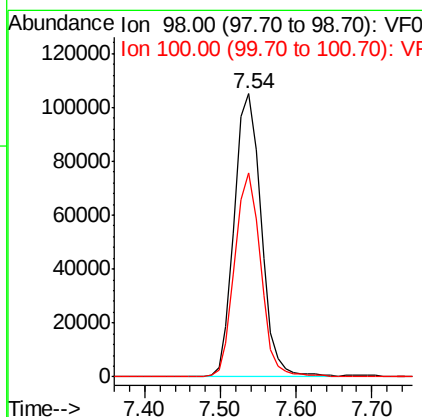
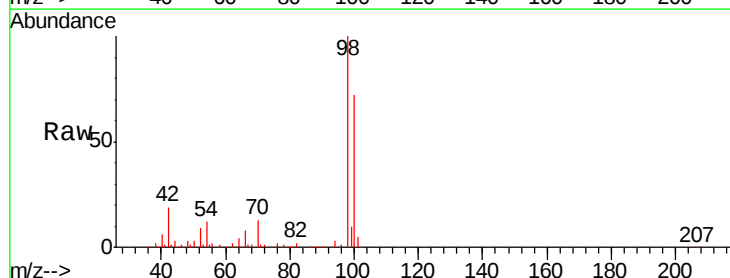
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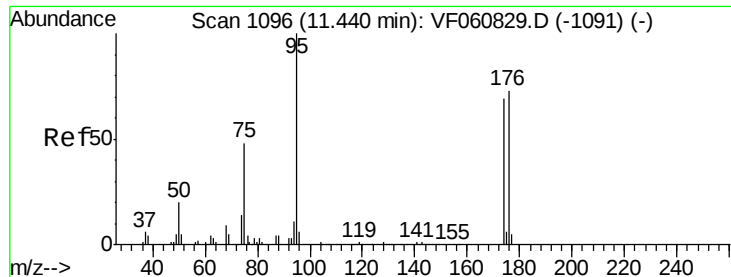
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#50
Toluene-d8
Concen: 31.449 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.06 min
Lab File: VF060944.D
Acq: 7 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	259582		
100	72.0	59.3	88.9	





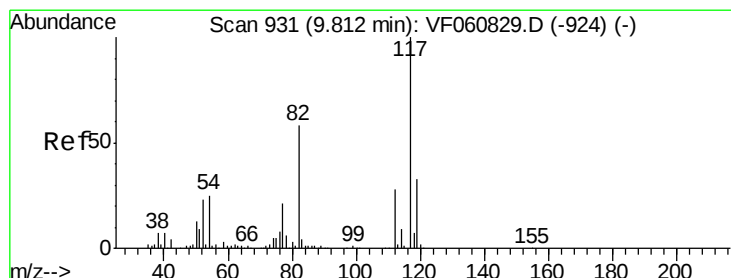
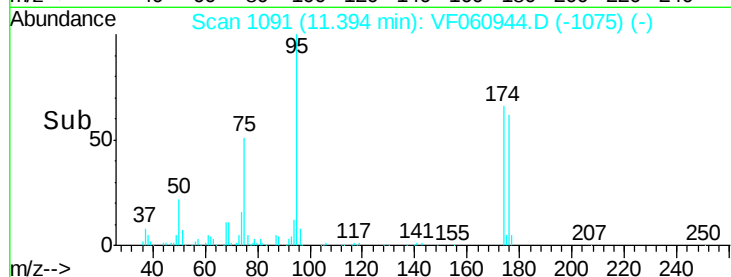
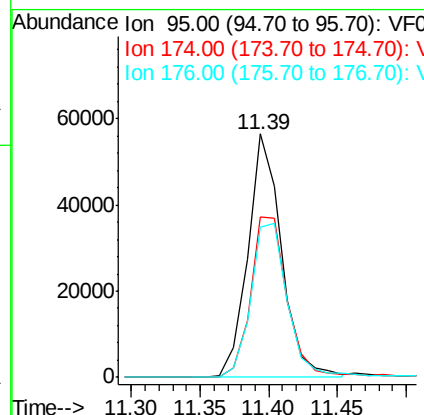
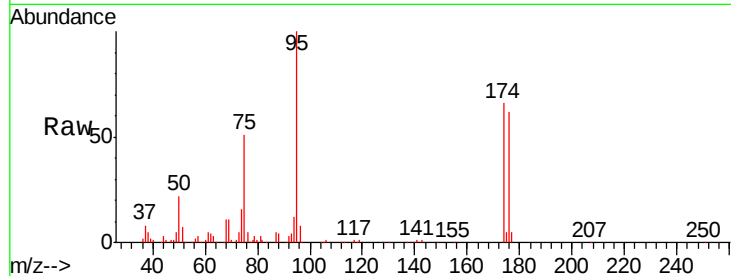
#62
4-Bromofluorobenzene
Concen: 25.728 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.05 min
Lab File: VF060944.D
Acq: 7 Dec 2018 22:27

Instrument :
MSVOA_F
ClientSampleId :
SB-03-6.5-7.0

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	96517		
174	66.1	0.0	138.2	
176	61.6	0.0	146.2	

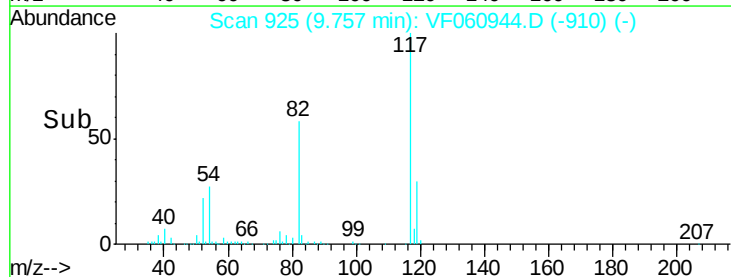
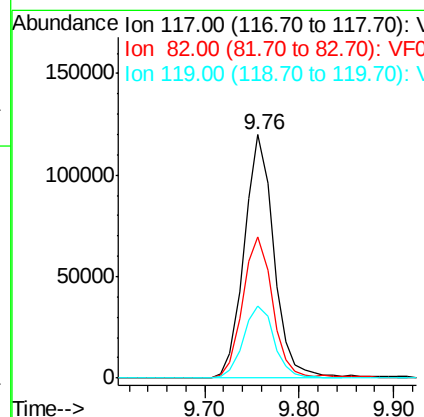
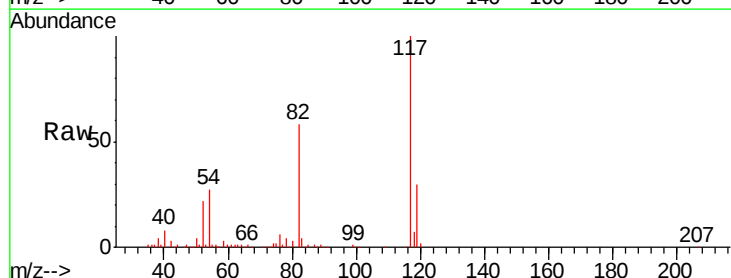
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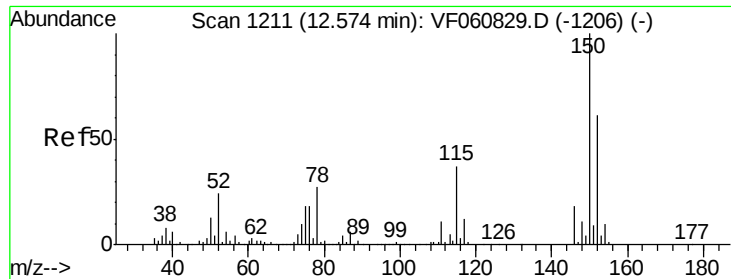
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.06 min
Lab File: VF060944.D
Acq: 7 Dec 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	260665		
82	57.9	46.6	69.8	
119	29.8	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1207

Delta R.T. -0.04 min

Lab File: VF060944.D

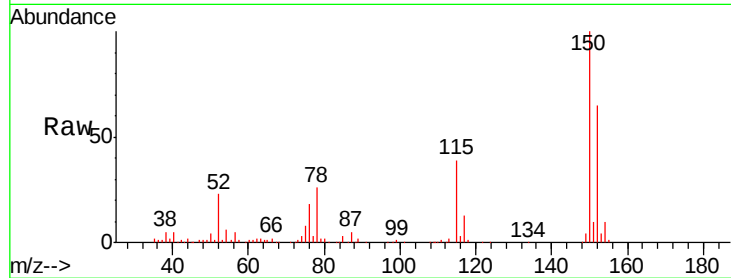
Acq: 7 Dec 2018 22:27

Instrument :

MSVOA_F

ClientSampleId :

SB-03-6.5-7.0



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.1	90.5
150	154.1	0.0	327.6

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