

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
 Data File : VF060941.D
 Acq On : 7 Dec 2018 21:00
 Operator : VA/AP
 Sample : J6214-27RE
 Misc : 4.25g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2(0-2)RE

Manual Integrations
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Quant Time: Dec 08 03:52:41 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	4.85	168	147392	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	291642	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.75	117	184621	50.00	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	12.54	152	42679	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	111812	64.40	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	128.80%	
35) Dibromofluoromethane	4.09	113	119074	51.47	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	7.53	98	201490	29.56	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	59.12%	
62) 4-Bromofluorobenzene	11.40	95	59952	19.36	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	38.72%	
Target Compounds						
20) Methylene Chloride	2.24	84	5881m	5.007	ug/l	Qvalue

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

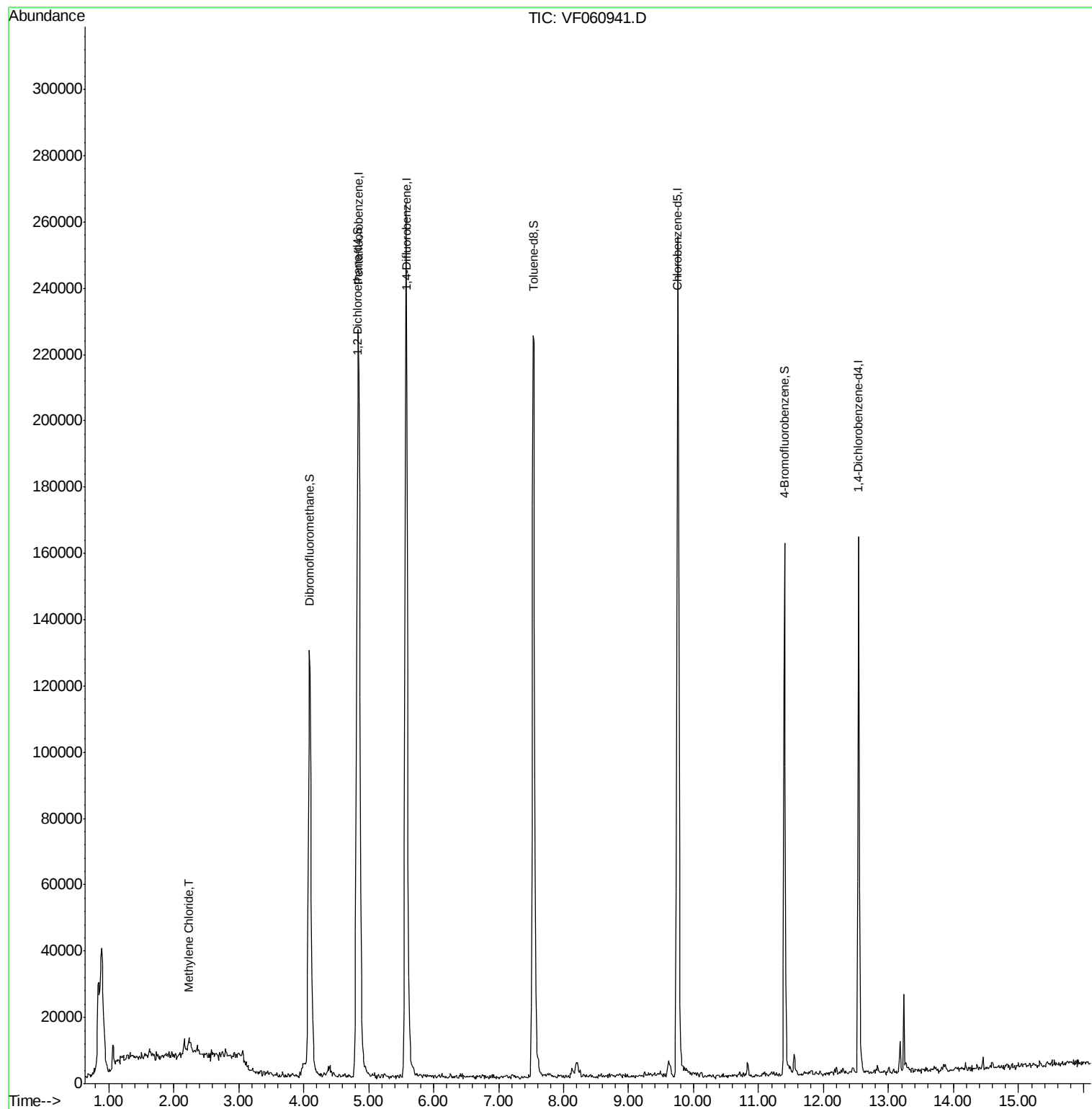
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
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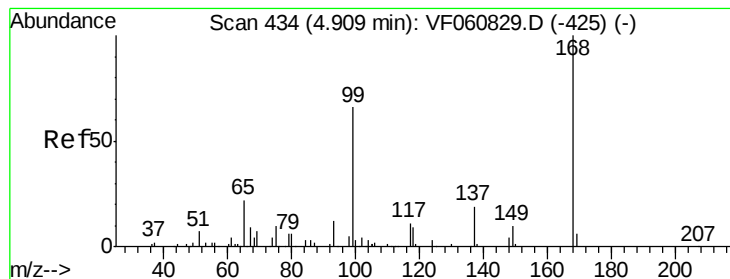
Instrument :
MSVOA_F
ClientSampleId :
SB-2(0-2)RE

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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: 4.85 min Scan# 428

Delta R.T. -0.06 min

Lab File: VF060941.D

Acq: 7 Dec 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

SB-2(0-2)RE

Tgt Ion: 168 Resp: 147392

Ion Ratio Lower Upper

168 100

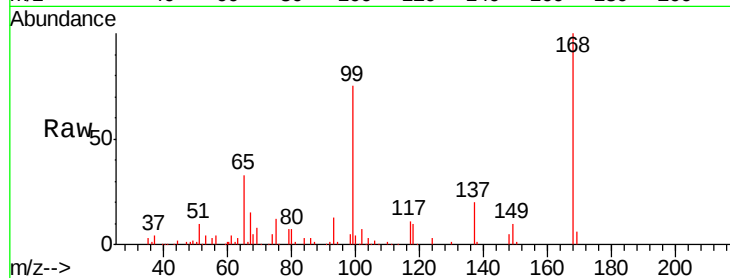
99 74.6 52.6 79.0

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

50000

40000

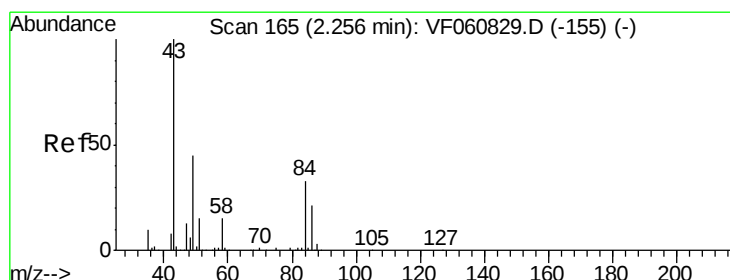
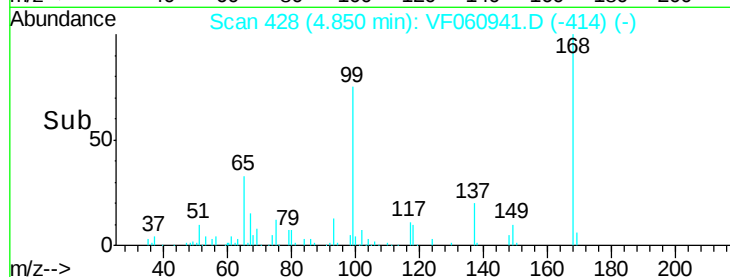
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 5.007 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060941.D

Acq: 7 Dec 2018 21:00

Tgt Ion: 84 Resp: 5881

Ion Ratio Lower Upper

84 100

49 136.6 111.3 166.9

51 61.7 38.0 57.0#

86 52.3 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

2500

2000

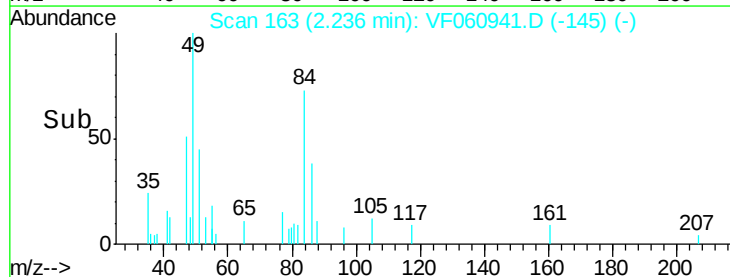
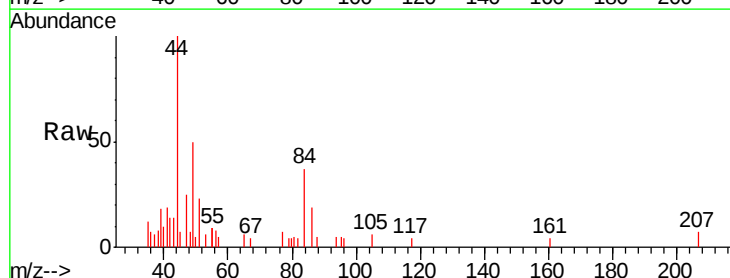
1500

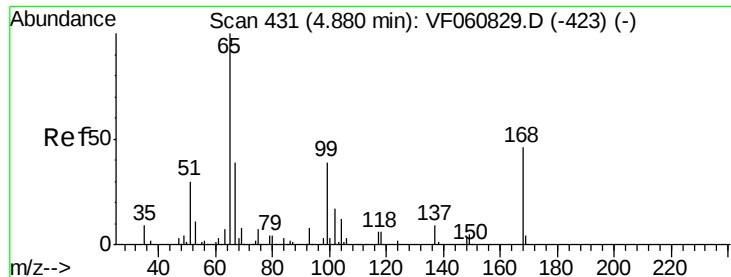
1000

500

0

Time-->





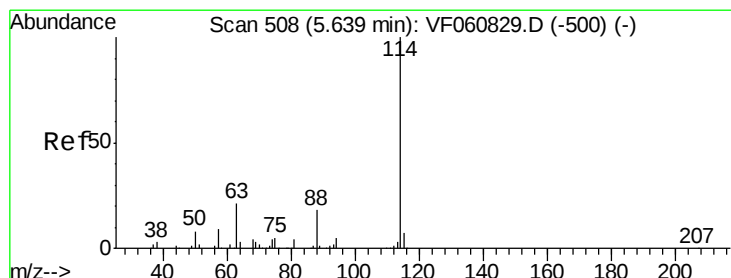
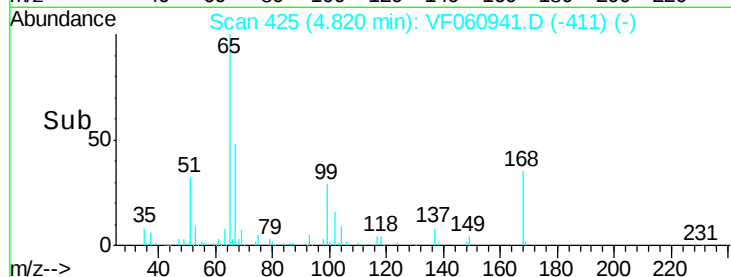
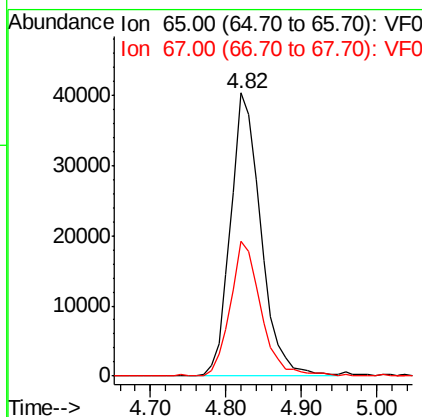
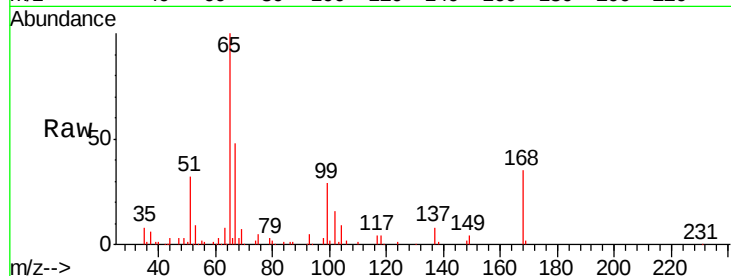
#33
 1,2-Dichloroethane-d4
 Concen: 64.396 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.06 min
 Lab File: VF060941.D
 Acq: 7 Dec 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2(0-2)RE

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	111812		
67	47.8	0.0	96.4	

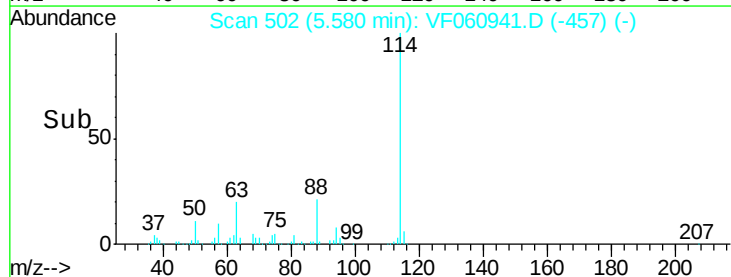
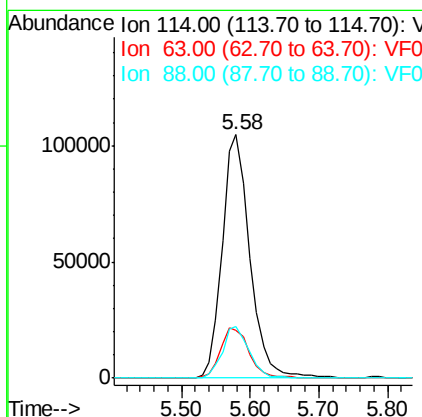
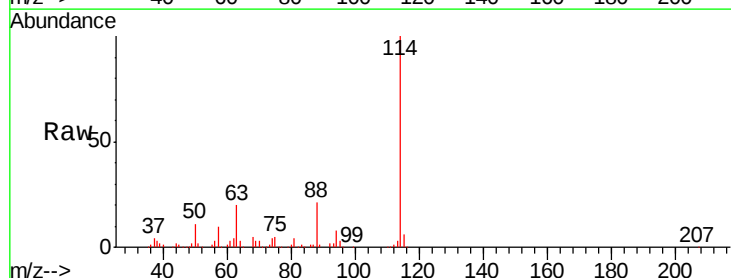
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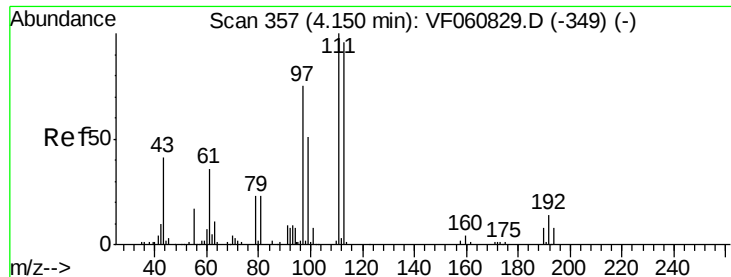
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.06 min
 Lab File: VF060941.D
 Acq: 7 Dec 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	291642		
63	19.9	0.0	41.6	
88	21.3	0.0	36.6	





#35

Dibromofluoromethane

Concen: 51.465 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.06 min

Lab File: VF060941.D

Acq: 7 Dec 2018 21:00

Instrument :

MSVOA_F

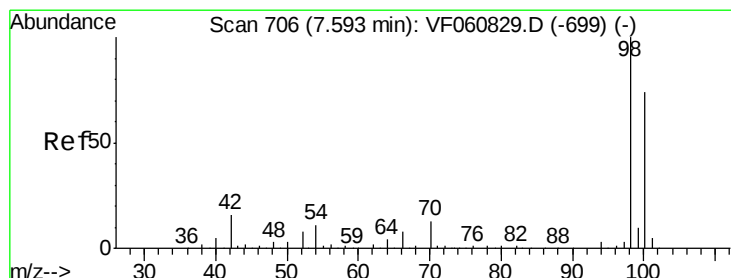
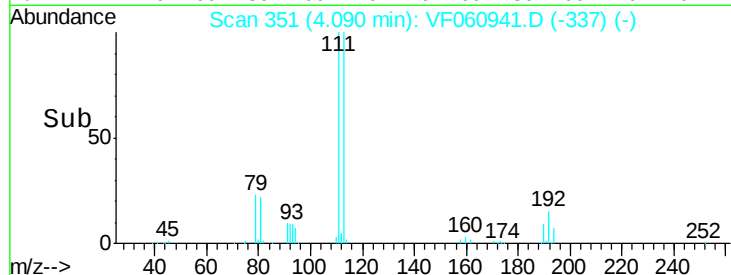
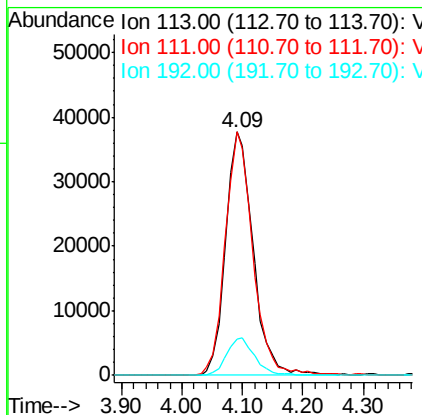
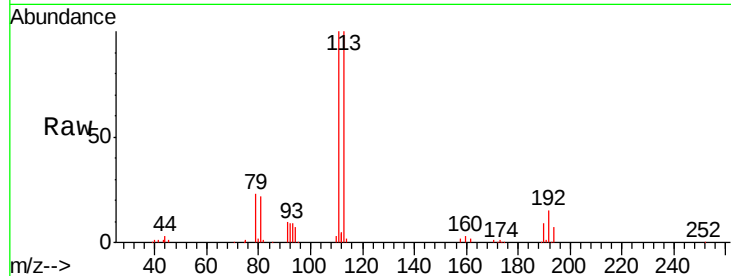
ClientSampleId :

SB-2(0-2)RE

Tgt Ion:	113	Resp:	119074
Ion Ratio	Lower	Upper	
113	100		
111	104.9	83.0	124.6
192	14.9	12.3	18.5

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#50

Toluene-d8

Concen: 29.564 ug/l

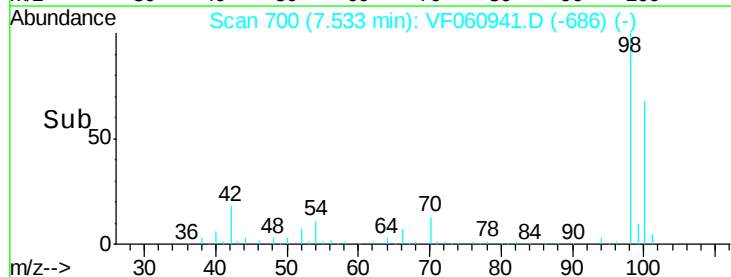
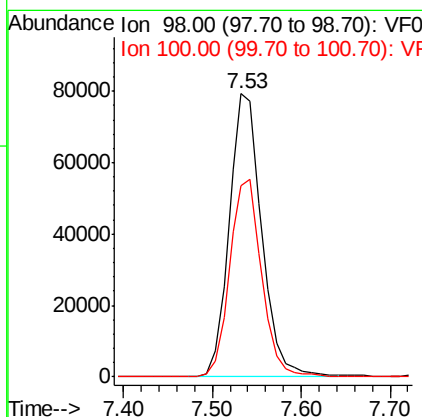
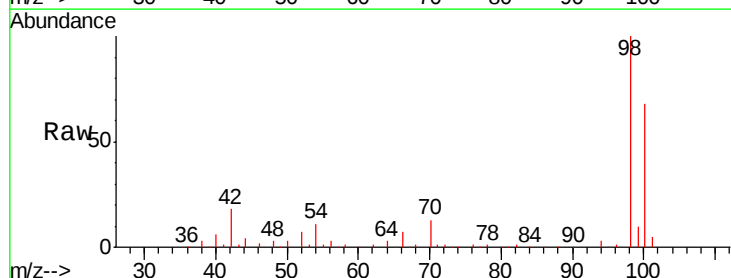
RT: 7.53 min Scan# 700

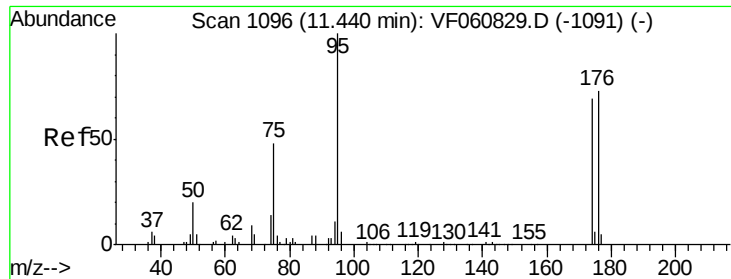
Delta R.T. -0.06 min

Lab File: VF060941.D

Acq: 7 Dec 2018 21:00

Tgt Ion:	98	Resp:	201490
Ion Ratio	Lower	Upper	
98	100		
100	67.6	59.3	88.9





#62

4-Bromofluorobenzene

Concen: 19.355 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.04 min

Lab File: VF060941.D

Acq: 7 Dec 2018 21:00

Instrument :

MSVOA_F

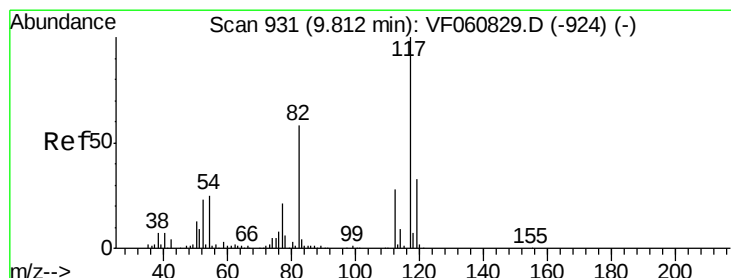
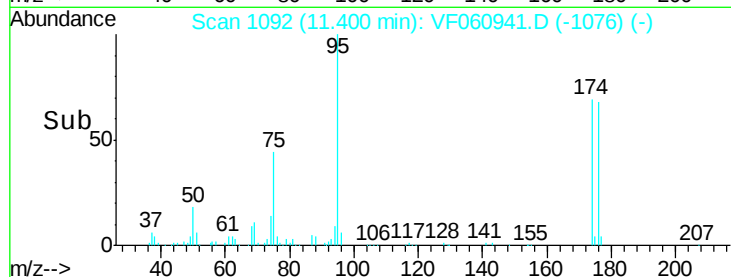
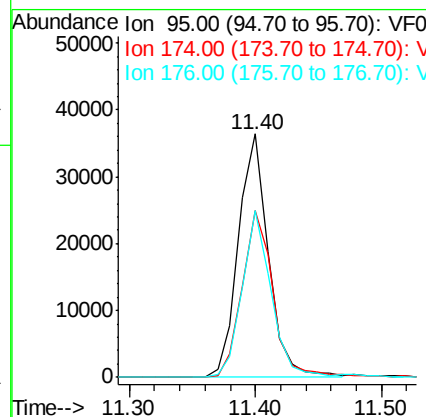
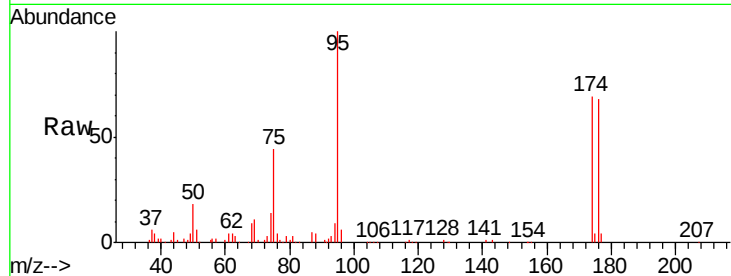
ClientSampleId :

SB-2(0-2)RE

Tgt Ion:	95	Resp:	59952
Ion Ratio	Lower	Upper	
95	100		
174	68.6	0.0	138.2
176	68.3	0.0	146.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

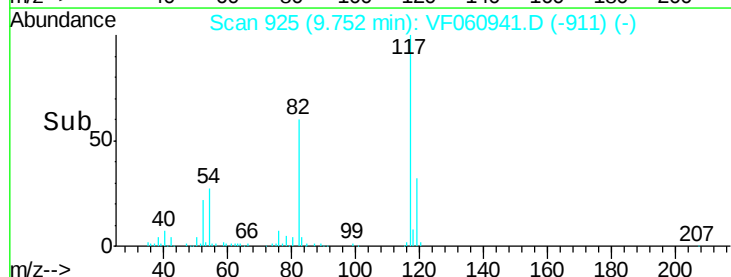
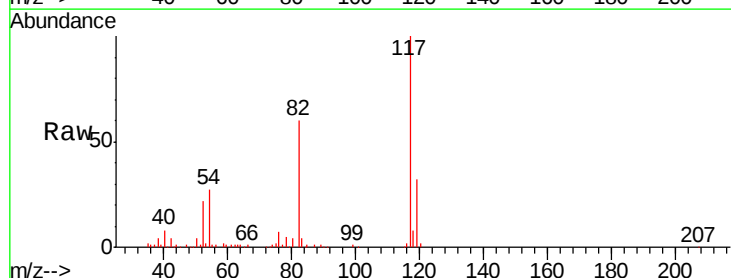
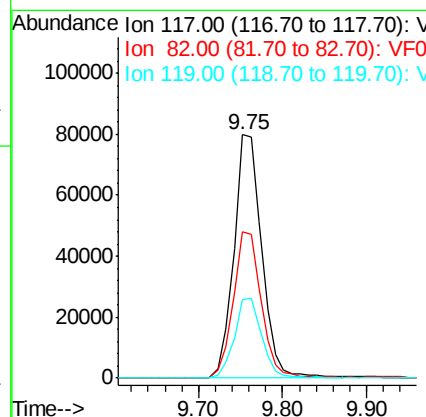
RT: 9.75 min Scan# 925

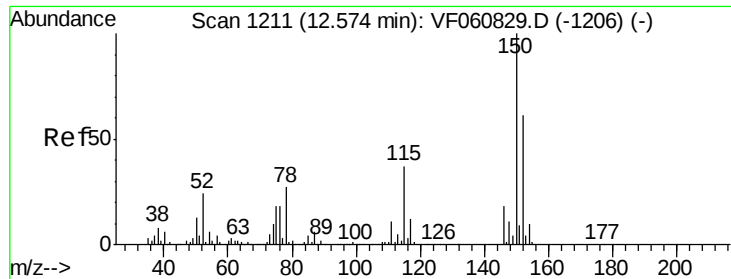
Delta R.T. -0.06 min

Lab File: VF060941.D

Acq: 7 Dec 2018 21:00

Tgt Ion:	117	Resp:	184621
Ion Ratio	Lower	Upper	
117	100		
82	59.9	46.6	69.8
119	32.0	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.03 min

Lab File: VF060941.D

Acq: 7 Dec 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

SB-2(0-2)RE

Tgt Ion:152 Resp: 42679

Ion Ratio Lower Upper

152 100

115 65.2 30.1 90.5

150 152.8 0.0 327.6

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