

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060608.D
 Acq On : 6 Nov 2018 11:29
 Operator : VA/AP
 Sample : J5776-01
 Misc : 5.32/5mL/MSVOA-F/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NJ-GREEN

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 12:53:59 PM

Quant Time: Nov 06 11:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	301089	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	565097	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	512258	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	282624	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	158941	52.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	4.13	113	216603	49.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.22%	
50) Toluene-d8	7.57	98	560580	43.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.68%	
62) 4-Bromofluorobenzene	11.42	95	266355	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
Target Compounds						
20) Methylene Chloride	2.19	84	22856m	5.938	ug/l	Qvalue

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

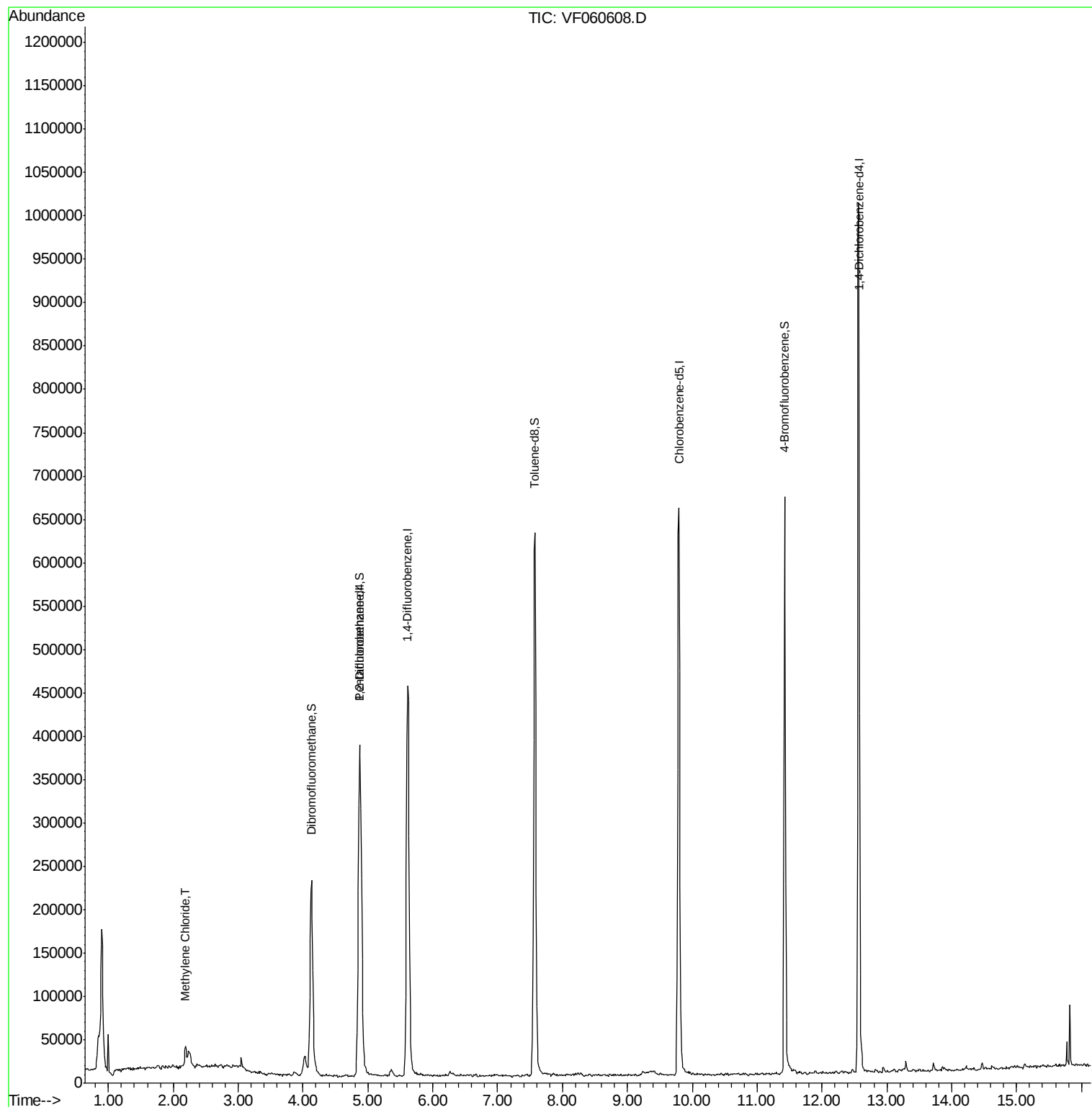
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060608.D

Acq: 6 Nov 2018 11:29

Instrument :

MSVOA_F

ClientSampled :

NJ-GREEN

Tot Ion:168 Resp: 301089

Ion Ratio Lower Upper

168 100

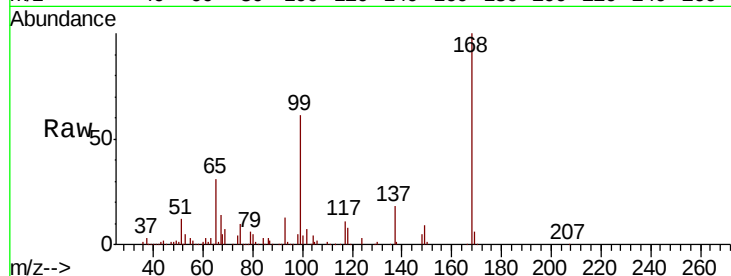
99 61.1 48.6 72.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

100000

80000

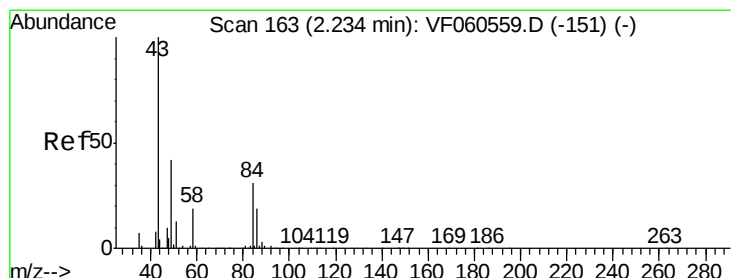
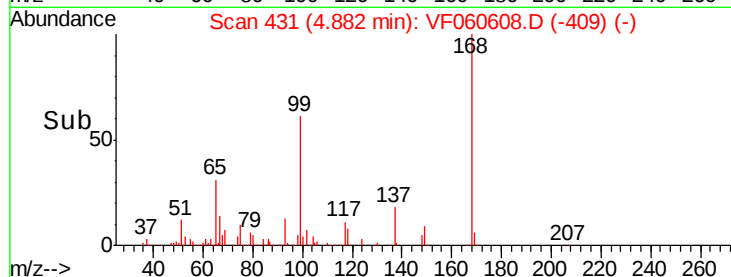
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 5.938 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.04 min

Lab File: VF060608.D

Acq: 6 Nov 2018 11:29

Tgt Ion: 84 Resp: 22856

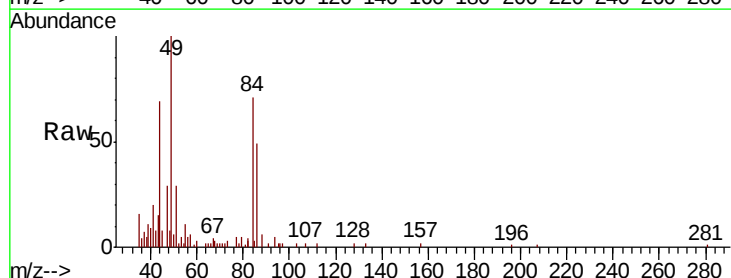
Ion Ratio Lower Upper

84 100

49 140.4 109.9 164.9

51 40.5 35.8 53.8

86 68.3 48.3 72.5



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

10000

8000

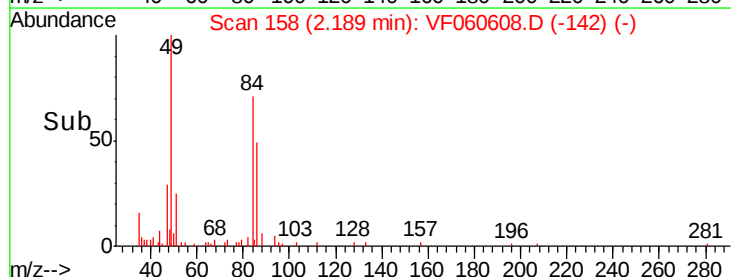
6000

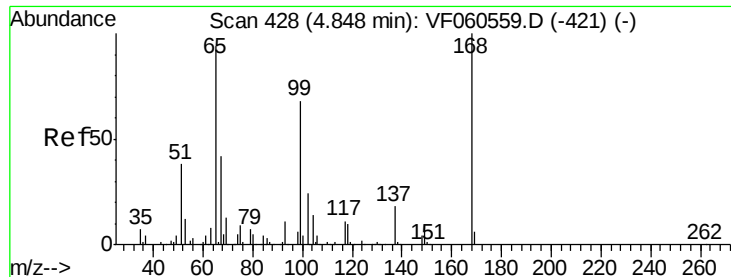
4000

2000

0

Time--> 2.00 2.20 2.40





#33

1,2-Dichloroethane-d4

Concen: 52.247 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF060608.D

Acq: 6 Nov 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

NJ-GREEN

Tot Ion: 65 Resp: 158941

Ion Ratio Lower Upper

65 100

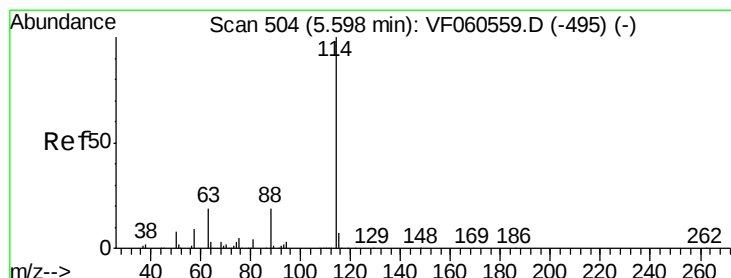
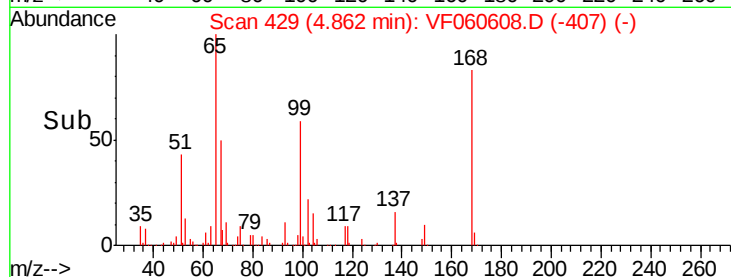
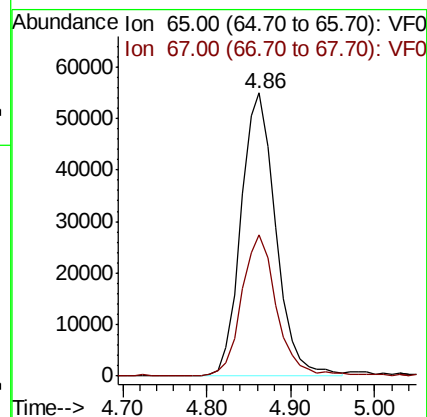
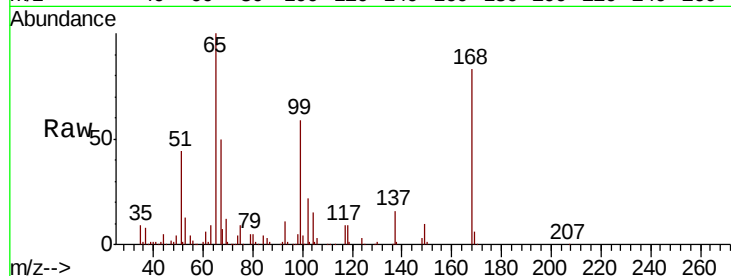
67 49.8 0.0 101.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060608.D

Acq: 6 Nov 2018 11:29

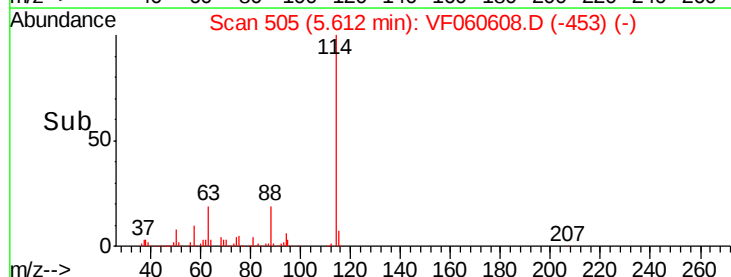
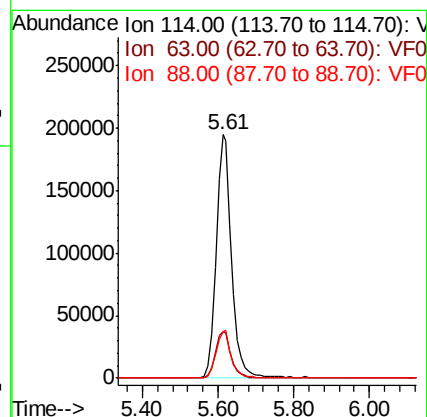
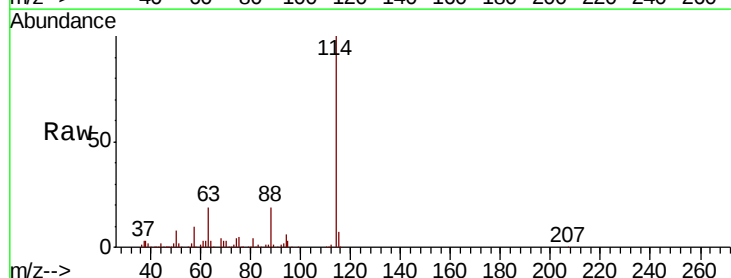
Tgt Ion: 114 Resp: 565097

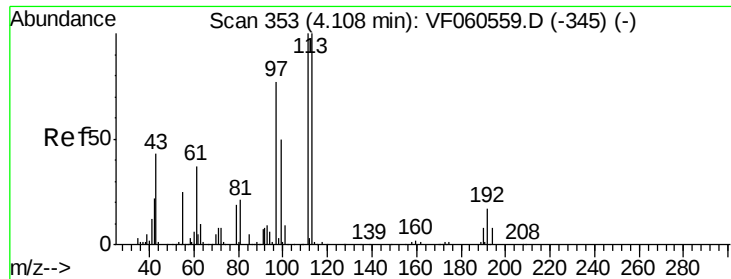
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

88 19.3 0.0 38.2





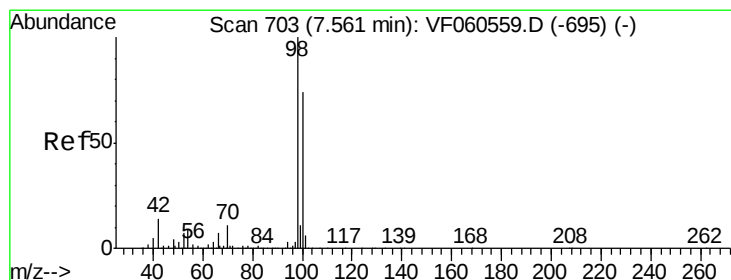
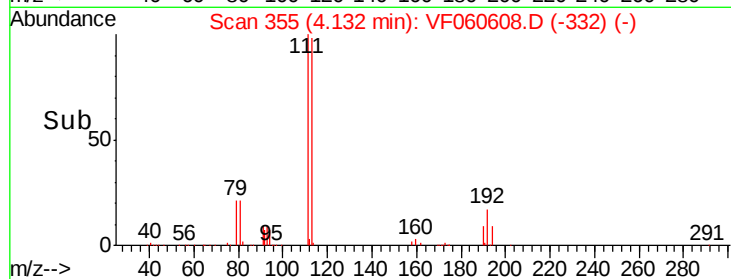
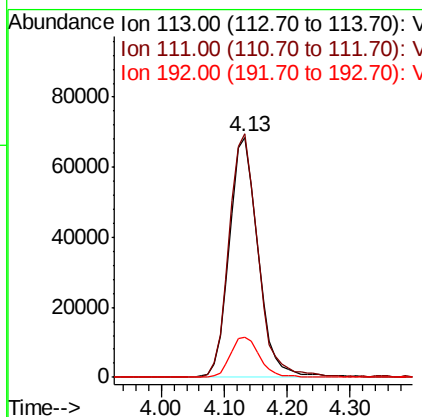
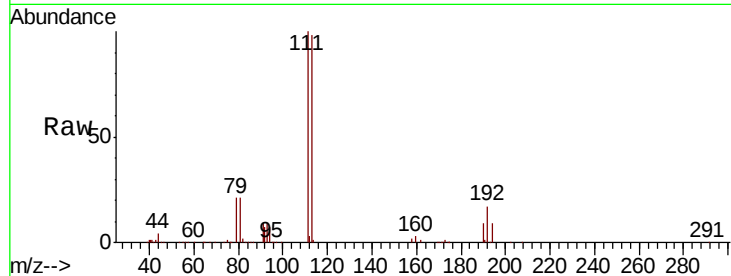
#35
 Dibromofluoromethane
 Concen: 49.612 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VF060608.D
 Acq: 6 Nov 2018 11:29

Instrument :
 MSVOA_F
 ClientSampleId :
 NJ-GREEN

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	79.9	119.9
192	16.9	13.3	19.9

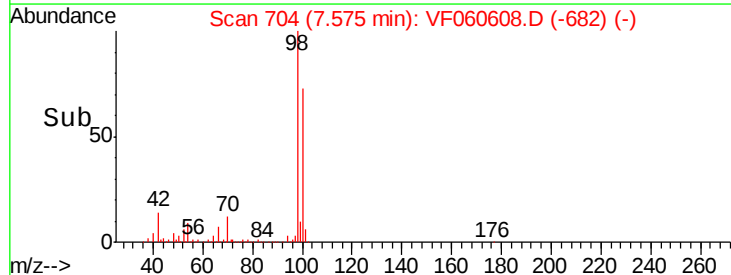
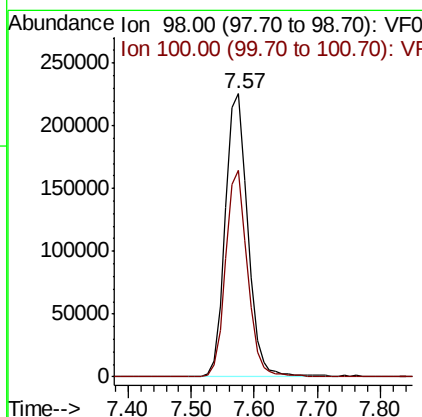
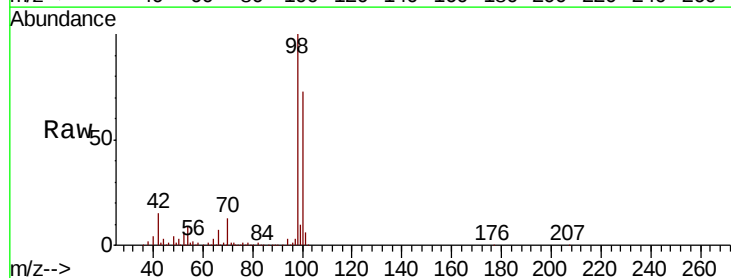
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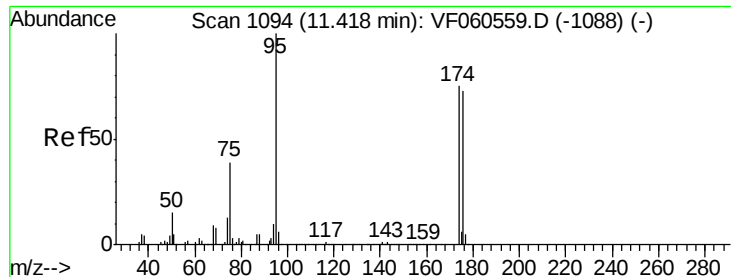
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#50
 Toluene-d8
 Concen: 43.344 ug/l
 RT: 7.57 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VF060608.D
 Acq: 6 Nov 2018 11:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.2	59.4	89.2





#62

4-Bromofluorobenzene

Concen: 47.083 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060608.D

Acq: 6 Nov 2018 11:29

Instrument :

MSVOA_F

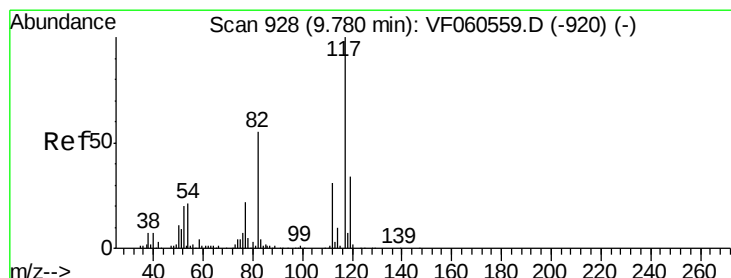
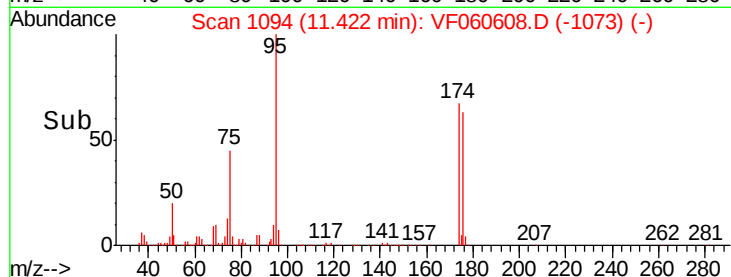
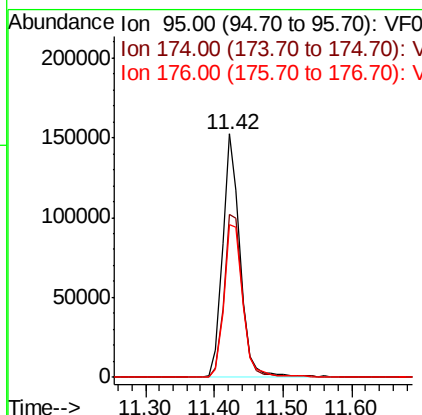
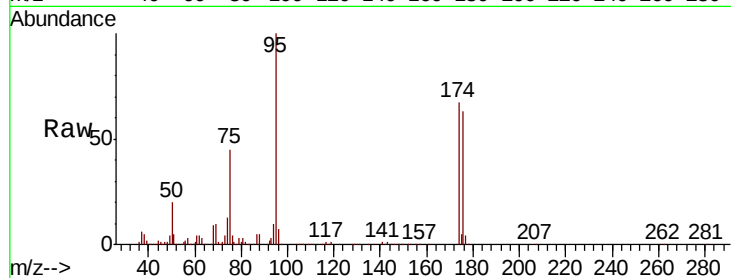
ClientSampleId :

NJ-GREEN

Tot Ion:	95	Resp:	266355
Ion Ratio	Lower	Upper	
95	100		
174	66.9	0.0	149.0
176	63.0	0.0	145.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

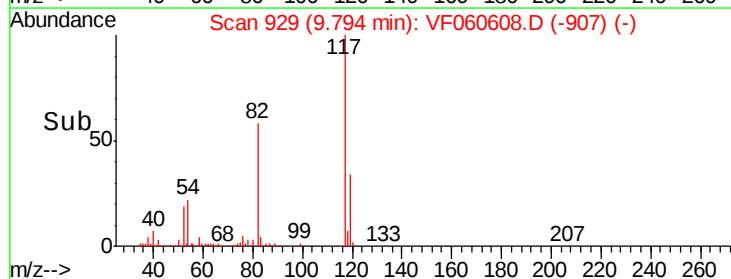
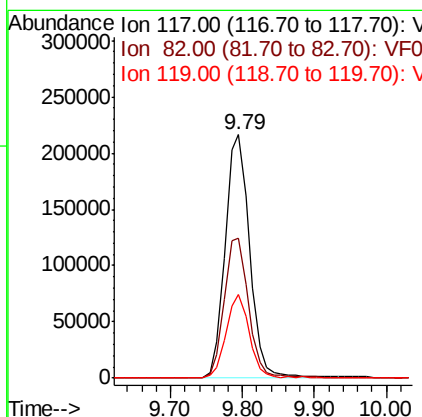
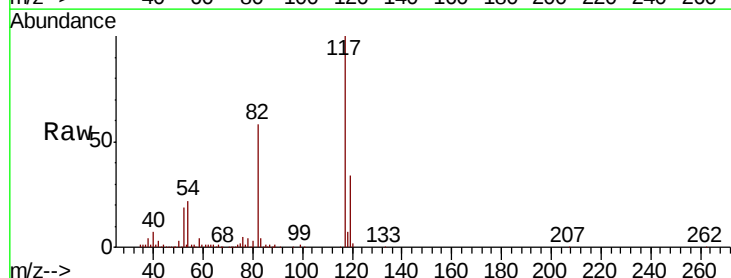
RT: 9.79 min Scan# 929

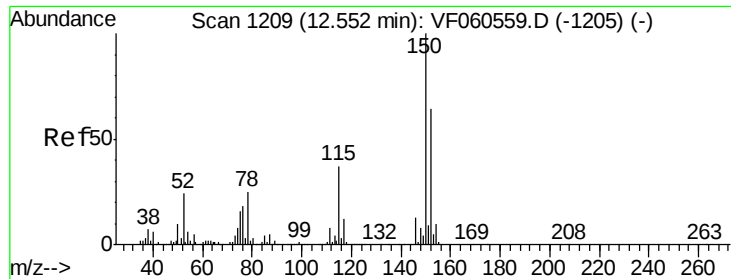
Delta R.T. 0.01 min

Lab File: VF060608.D

Acq: 6 Nov 2018 11:29

Tgt Ion:	117	Resp:	512258
Ion Ratio	Lower	Upper	
117	100		
82	57.6	43.9	65.9
119	34.4	27.4	41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.57 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF060608.D

Acq: 6 Nov 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

NJ-GREEN

Tot Ion:	152	Resp:	282624
Ion Ratio	Lower	Upper	
152	100		
115	55.0	29.6	88.8
150	150.1	0.0	315.6

Manual Integrations
APPROVED

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11/6/2018 12:53:59 PM

