

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060586.D
 Acq On : 5 Nov 2018 22:06
 Operator : VA/AP
 Sample : J5741-43
 Misc : 6.98/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11

Manual Integrations
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 11/6/2018 12:53:49 PM

Quant Time: Nov 06 07:28:39 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	4.87	168	287968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	522954	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	460843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	213548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	132612	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
35) Dibromofluoromethane	4.11	113	170356	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
50) Toluene-d8	7.56	98	444577	37.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.30%	
62) 4-Bromofluorobenzene	11.41	95	200286	38.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.52%	
Target Compounds						
16) Acetone	2.24	43	28441	41.483	ug/l	100
40) Benzene	4.64	78	15575	1.114	ug/l	98
52) Toluene	7.63	92	45060m	4.949	ug/l	

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

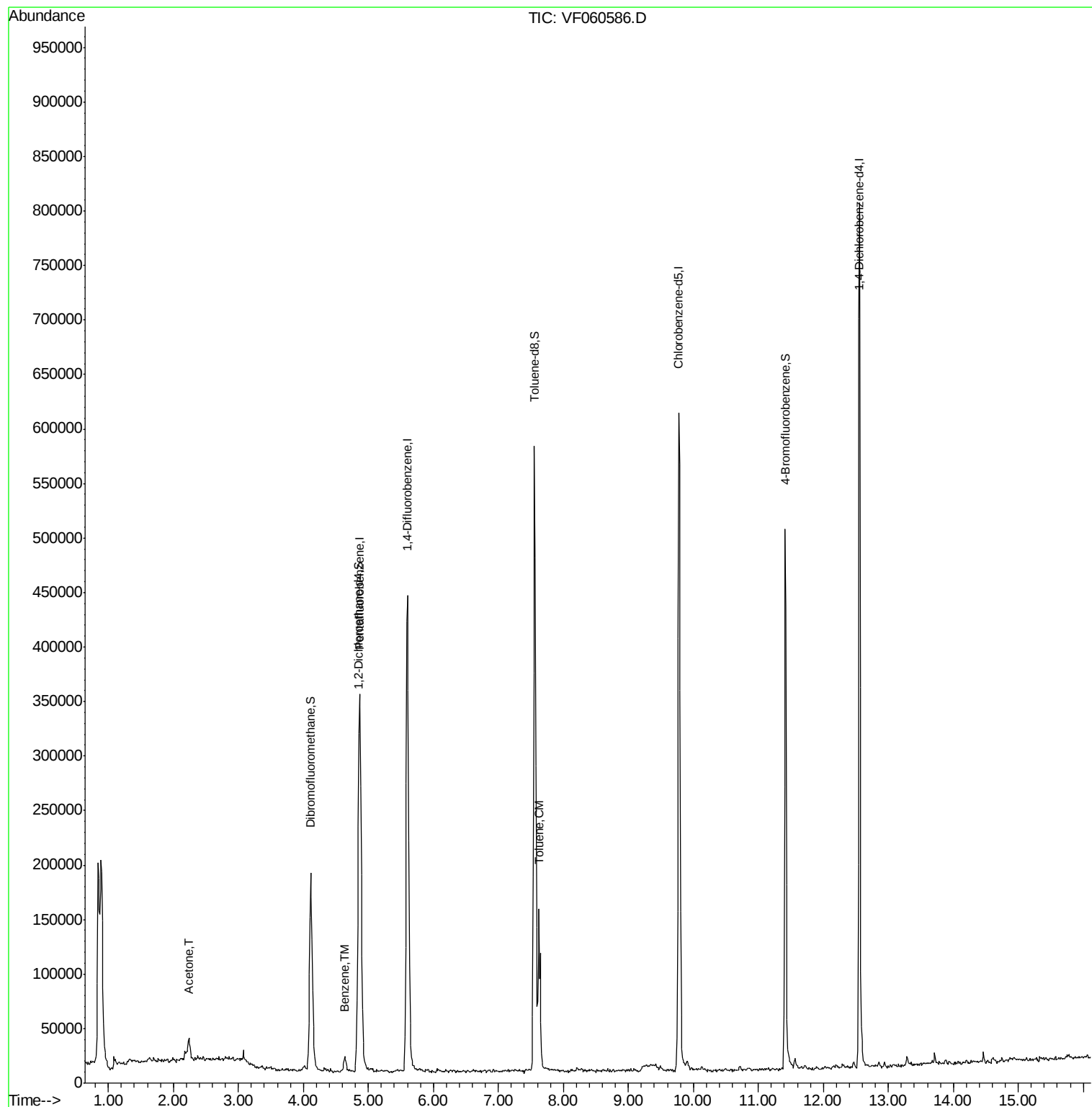
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060586.D
Acq On : 5 Nov 2018 22:06
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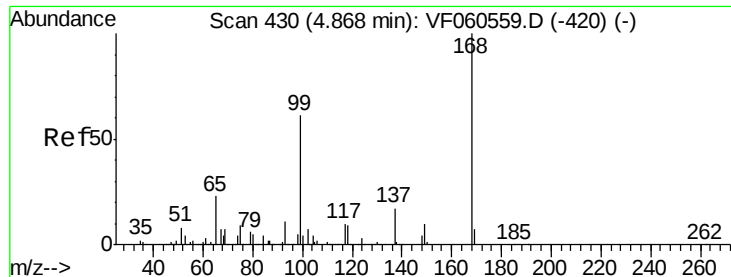
Instrument :
MSVOA_F
ClientSampleId :
TP-11

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Quant Time: Nov 06 07:28:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF060586.D

Acq: 5 Nov 2018 22:06

Instrument :

MSVOA_F

ClientSampled :

TP-11

Tot Ion:168 Resp: 287968

Ion Ratio Lower Upper

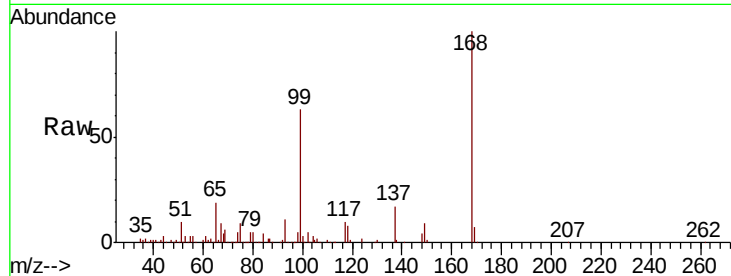
168 100

99 62.9 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

4.87

100000

80000

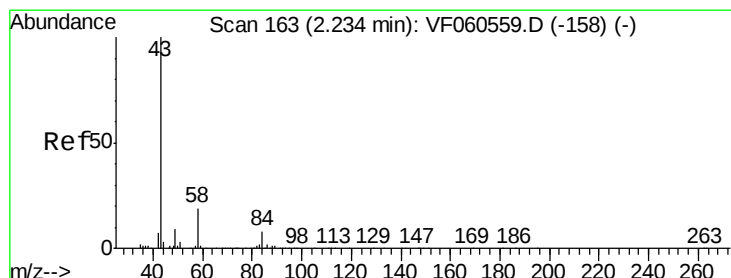
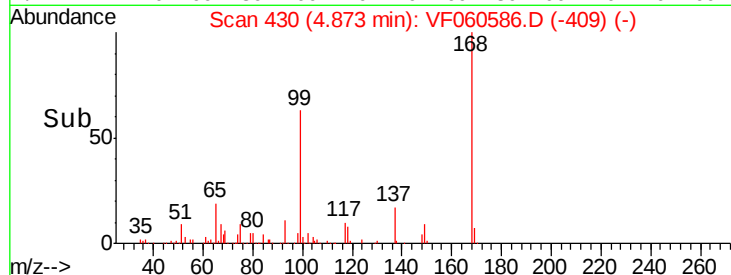
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 41.483 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF060586.D

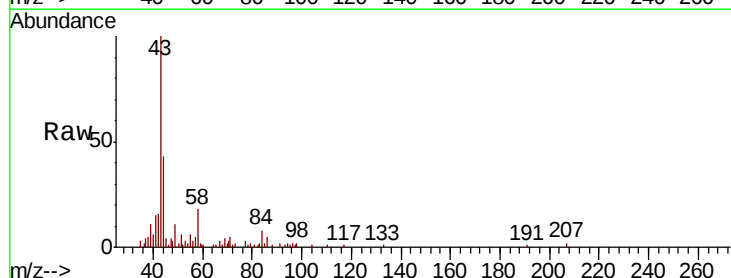
Acq: 5 Nov 2018 22:06

Tgt Ion: 43 Resp: 28441

Ion Ratio Lower Upper

43 100

58 18.3 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

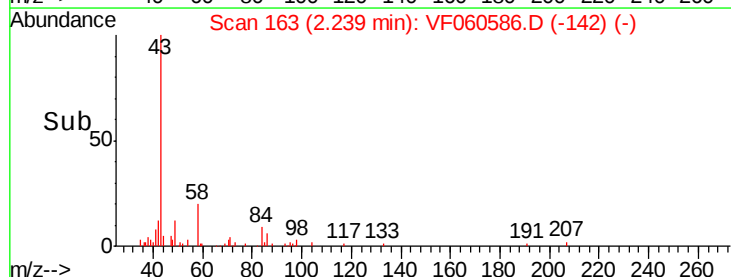
2.24

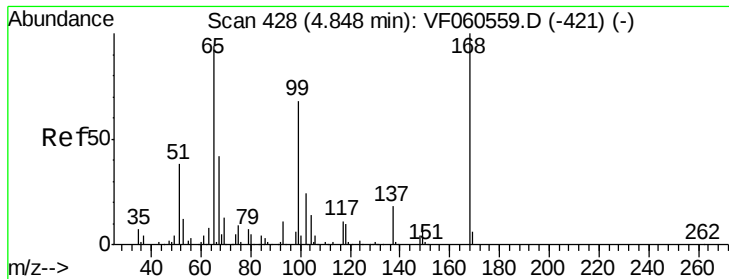
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.578 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.00 min

Lab File: VF060586.D

Acq: 5 Nov 2018 22:06

Instrument :

MSVOA_F

ClientSampled :

TP-11

Tot Ion: 65 Resp: 132612

Ion Ratio Lower Upper

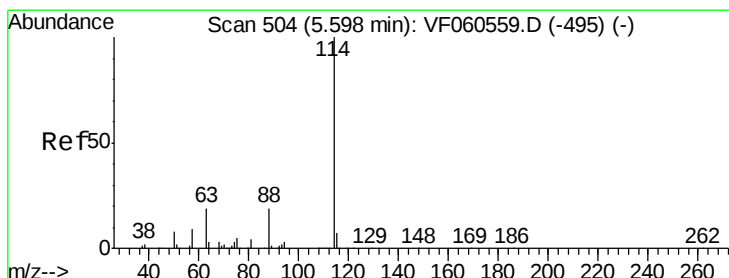
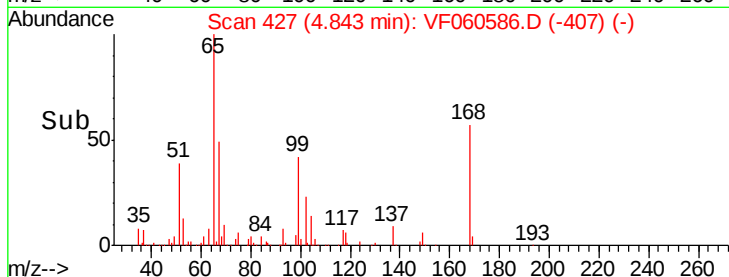
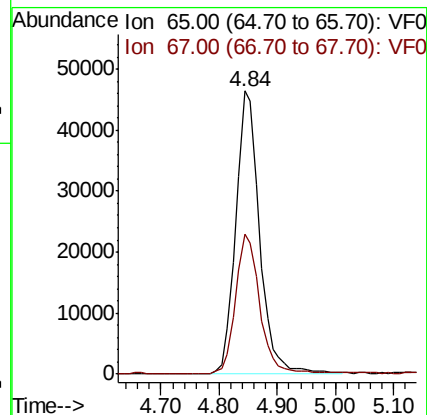
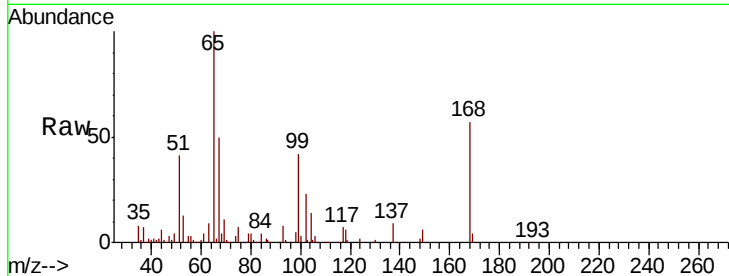
65 100

67 49.7 0.0 101.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF060586.D

Acq: 5 Nov 2018 22:06

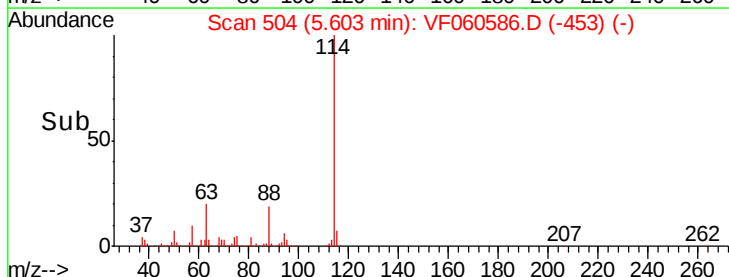
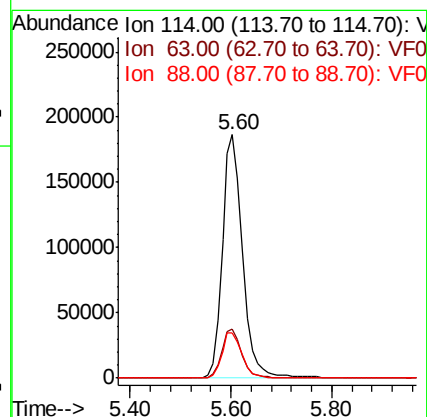
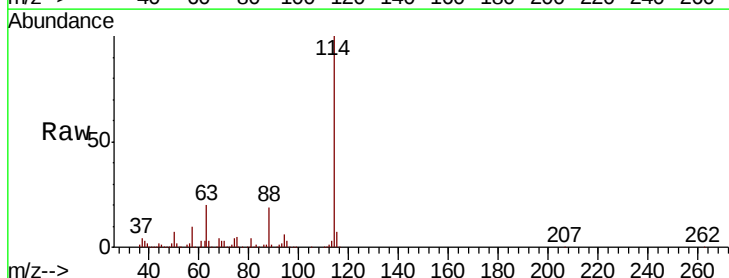
Tgt Ion: 114 Resp: 522954

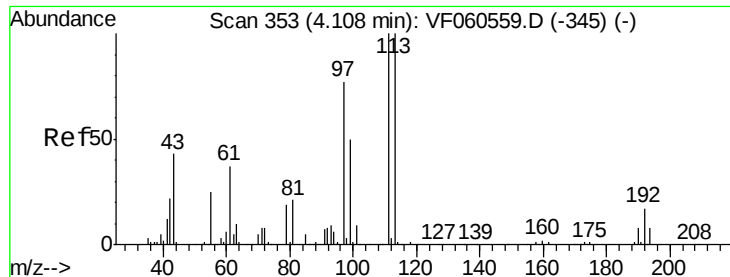
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

88 18.5 0.0 38.2





#35

Dibromofluoromethane

Concen: 42.164 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF060586.D

Acq: 5 Nov 2018 22:06

Instrument :

MSVOA_F

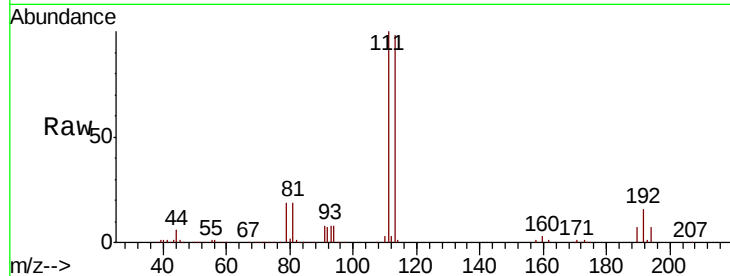
ClientSampled :

TP-11

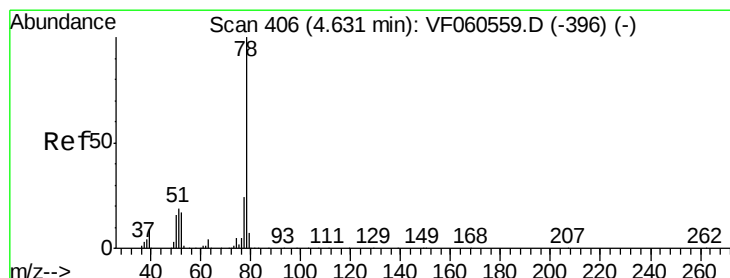
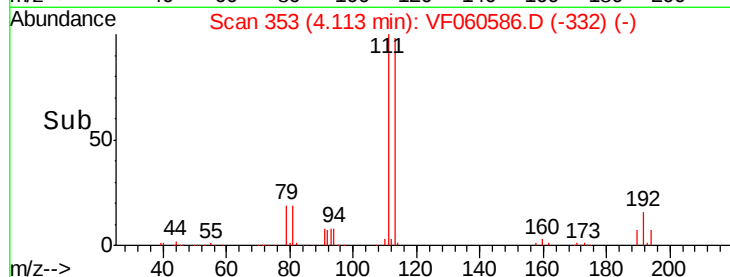
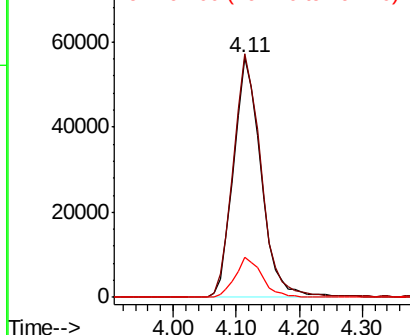
Tot Ion:	113	Resp:	170356
Ion Ratio	Lower	Upper	
113	100		
111	101.6	79.9	119.9
192	16.7	13.3	19.9

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Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V



#40

Benzene

Concen: 1.114 ug/l

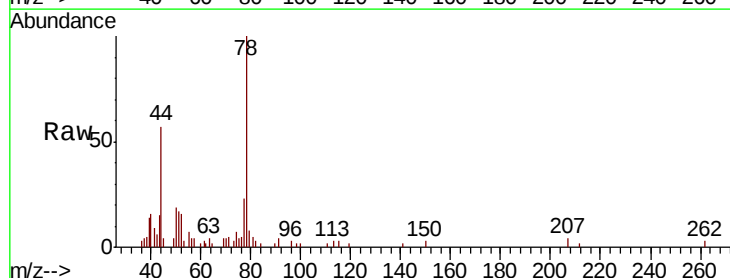
RT: 4.64 min Scan# 406

Delta R.T. 0.01 min

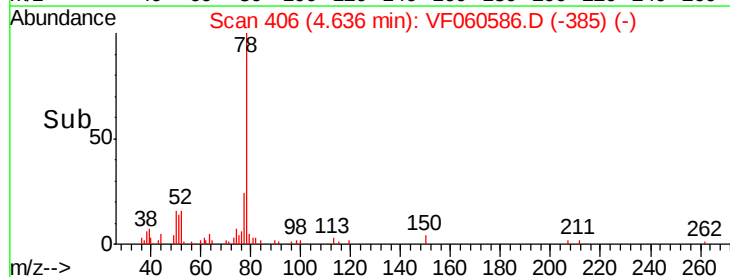
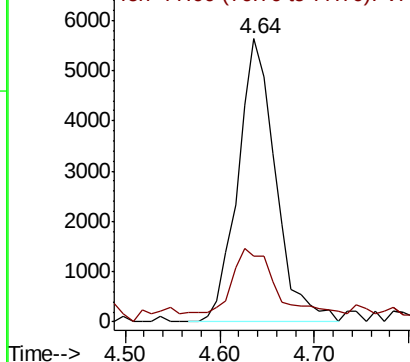
Lab File: VF060586.D

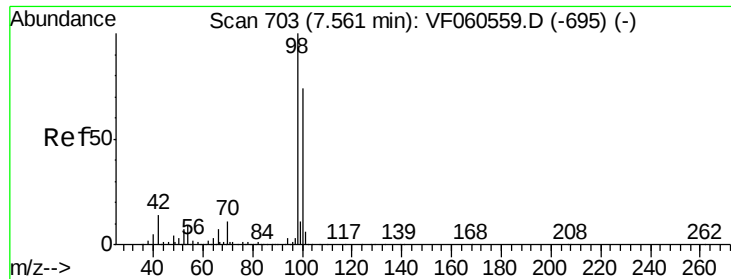
Acq: 5 Nov 2018 22:06

Tgt Ion:	78	Resp:	15575
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.3	28.9



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0





#50

Toluene-d8

Concen: 37.145 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF060586.D

Acq: 5 Nov 2018 22:06

Instrument :

MSVOA_F

ClientSampled :

TP-11

Tot Ion: 98 Resp: 444577

Ion Ratio Lower Upper

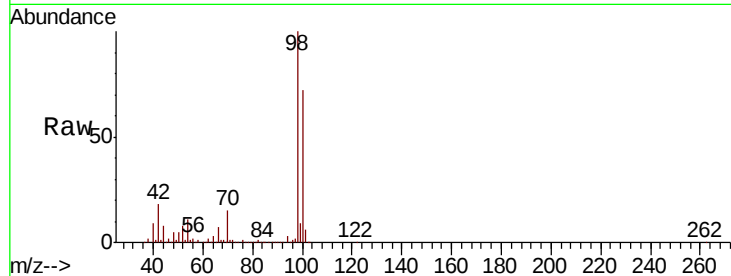
98 100

100 71.7 59.4 89.2

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

200000

150000

100000

50000

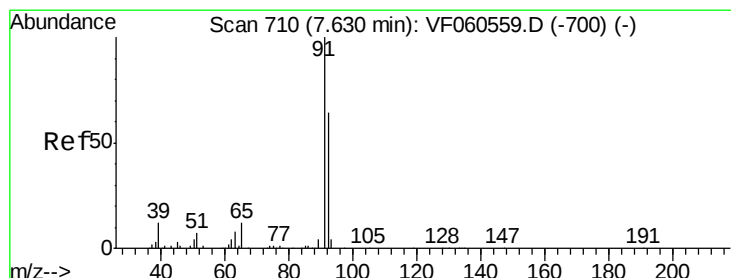
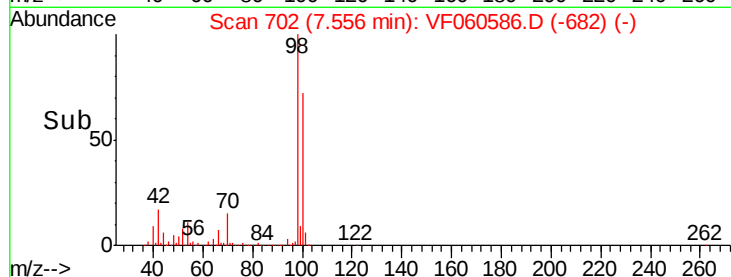
0

7.50

7.56

7.60

Time-->



#52

Toluene

Concen: 4.949 ug/l m

RT: 7.63 min Scan# 709

Delta R.T. -0.00 min

Lab File: VF060586.D

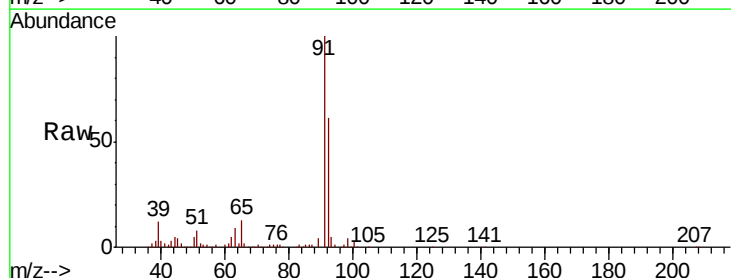
Acq: 5 Nov 2018 22:06

Tgt Ion: 92 Resp: 45060

Ion Ratio Lower Upper

92 100

91 163.0 124.5 186.7



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

60000

40000

20000

0

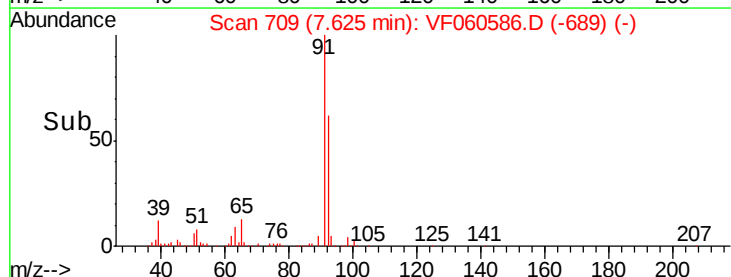
7.55

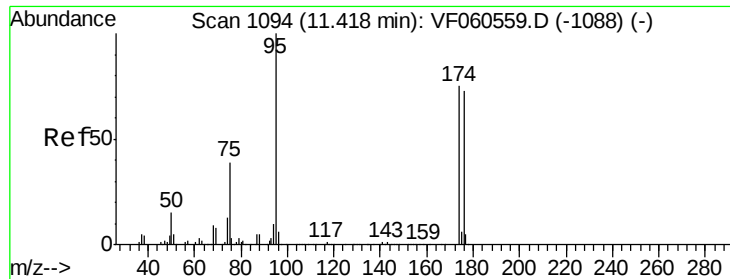
7.60

7.63

7.65

Time-->





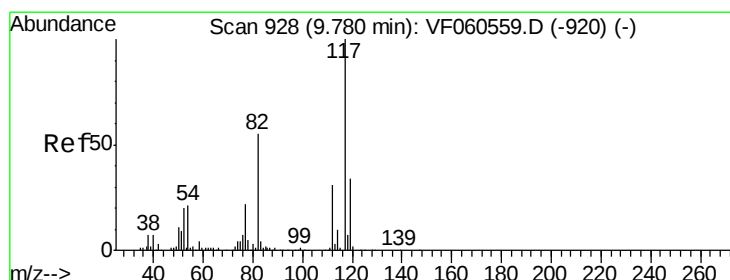
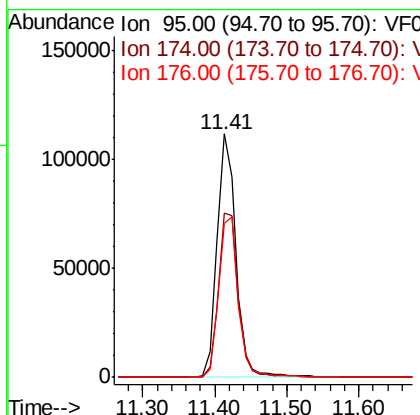
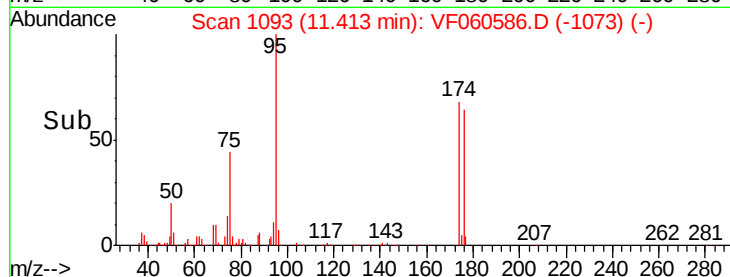
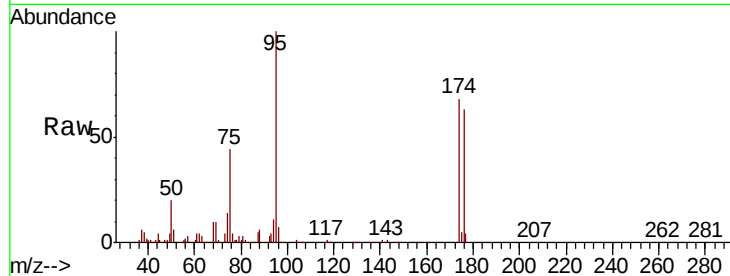
#62
4-Bromofluorobenzene
Concen: 38.257 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampled :
TP-11

Tot Ion	Ratio	Resp	Lower	Upper
95	100	200286		
174	67.5	0.0	149.0	
176	63.5	0.0	145.6	

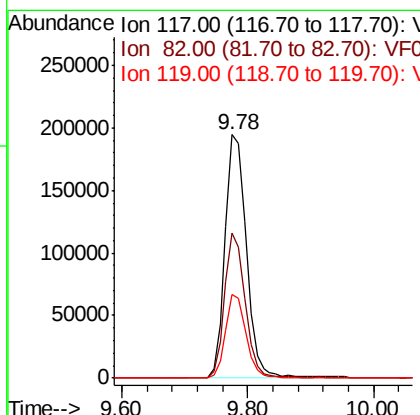
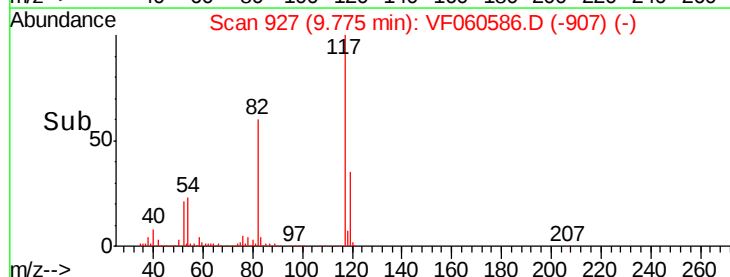
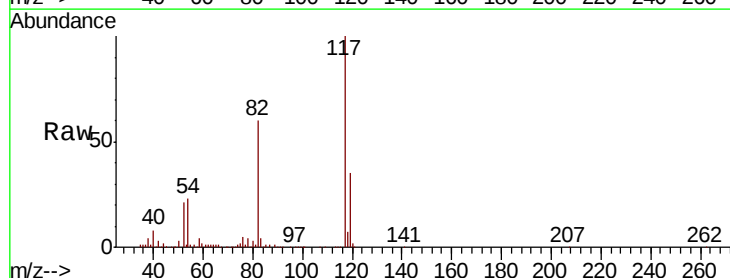
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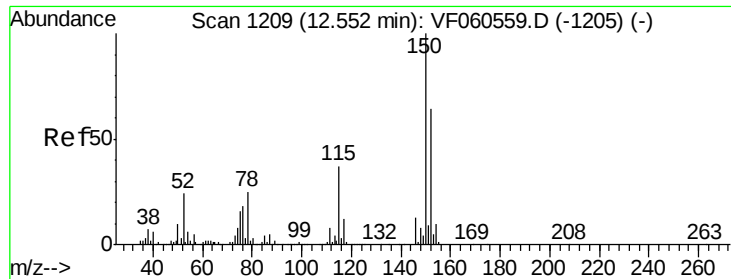
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	460843		
82	59.5	43.9	65.9	
119	34.5	27.4	41.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF060586.D

Acq: 5 Nov 2018 22:06

Instrument :

MSVOA_F

ClientSampleId :

TP-11

Tot Ion:152 Resp: 213548

Ion Ratio Lower Upper

152 100

115 56.4 29.6 88.8

150 150.1 0.0 315.6

Manual Integrations

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11/6/2018 12:53:49 PM

