

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
 Data File : VF060423.D
 Acq On : 3 Oct 2018 19:13
 Operator : VA/AP
 Sample : J5222-01
 Misc : 4.92/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SS-1

Manual Integrations
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Quant Time: Oct 04 14:24:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	221363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	401663	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	334281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	179972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	186359	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
35) Dibromofluoromethane	4.27	113	189385	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	7.69	98	389327	41.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.78%	
62) 4-Bromofluorobenzene	11.49	95	193120	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
Target Compounds						
20) Methylene Chloride	2.32	84	17025m	1.311	ug/l	
52) Toluene	7.76	92	16294	2.440	ug/l	76

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

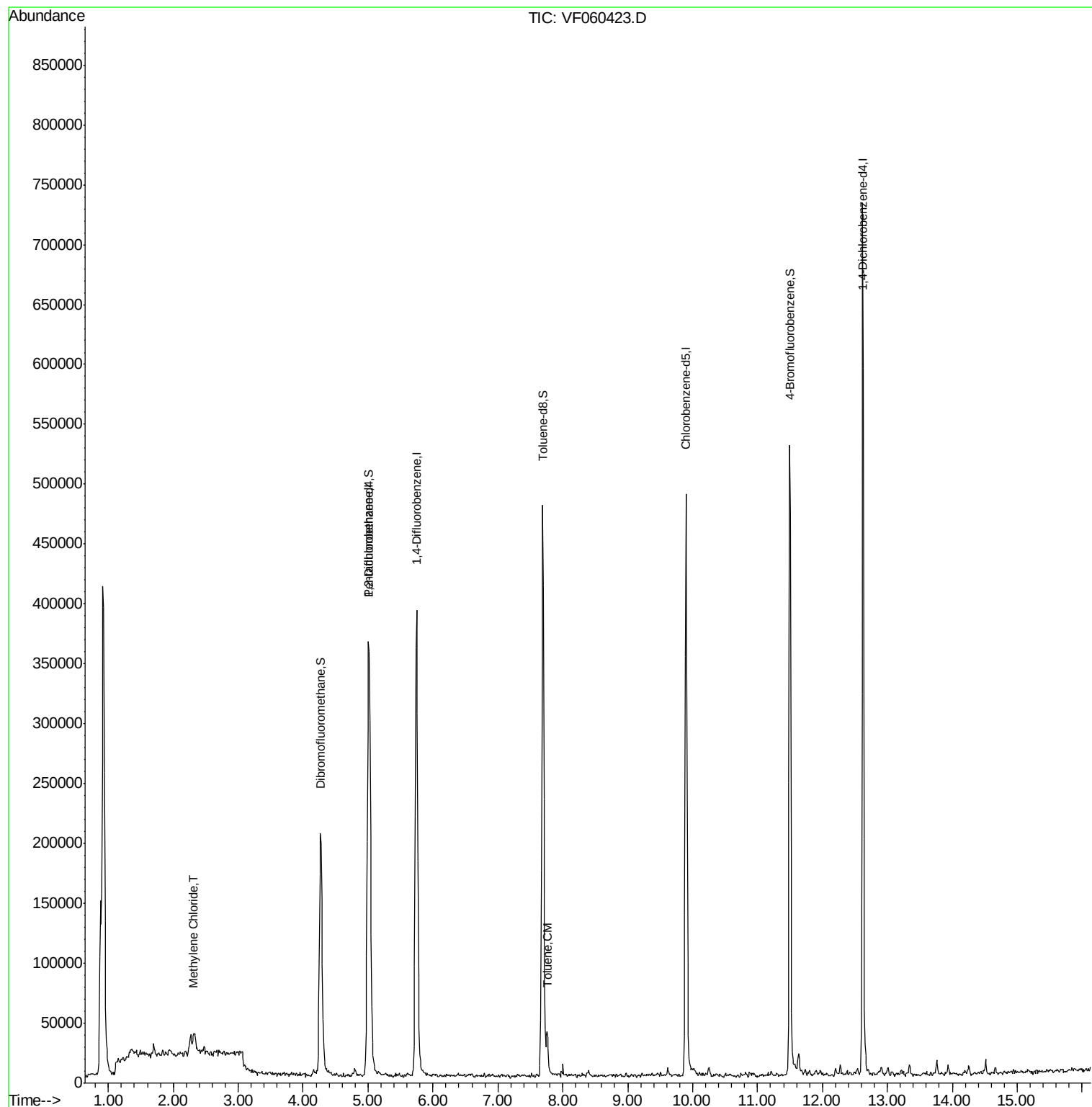
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100318\
Data File : VF060423.D
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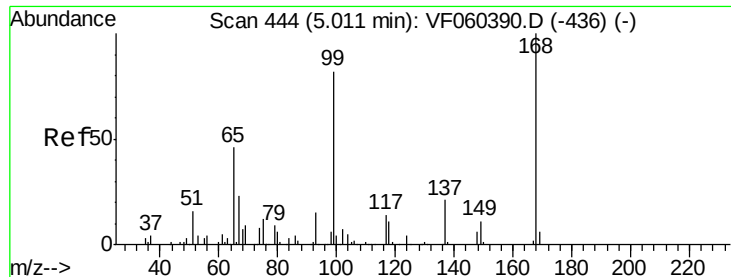
Instrument :
MSVOA_F
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SS-1

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Quant Time: Oct 04 14:24:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060423.D

Acq: 3 Oct 2018 19:13

Instrument :

MSVOA_F

ClientSampled :

SS-1

Tot Ion:168 Resp: 221363

Ion Ratio Lower Upper

168 100

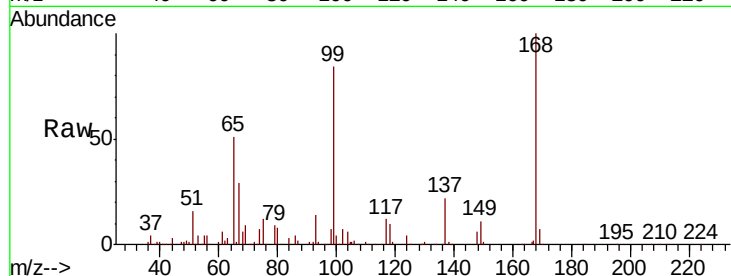
99 84.2 65.3 97.9

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

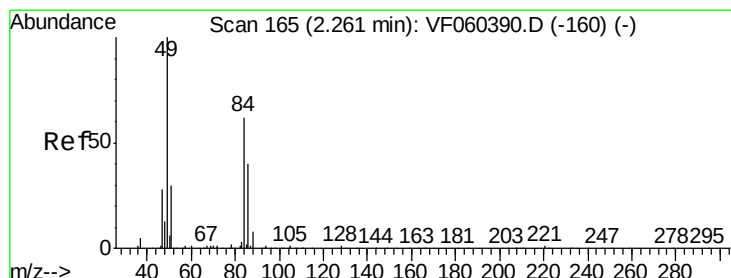
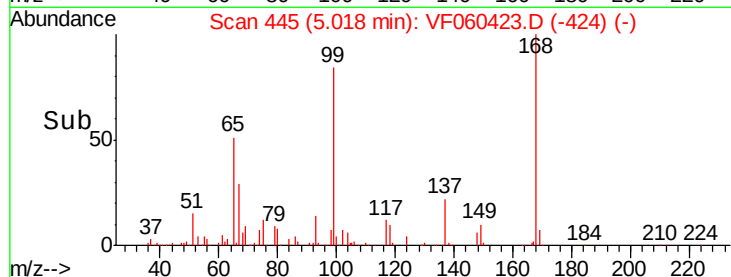
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.311 ug/l m

RT: 2.32 min Scan# 171

Delta R.T. 0.06 min

Lab File: VF060423.D

Acq: 3 Oct 2018 19:13

Tgt Ion: 84 Resp: 17025

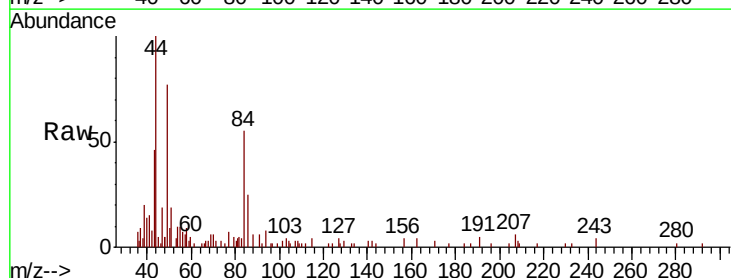
Ion Ratio Lower Upper

84 100

49 141.2 130.2 195.2

51 34.8 41.0 61.6#

86 45.1 51.5 77.3#



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

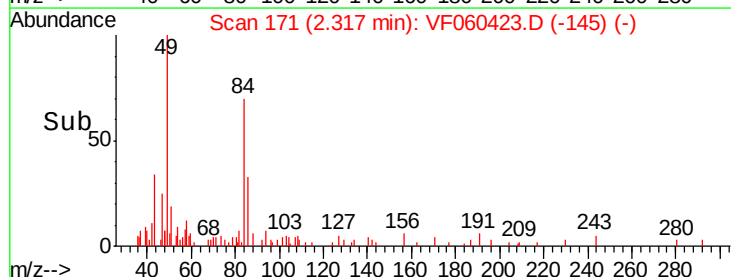
6000

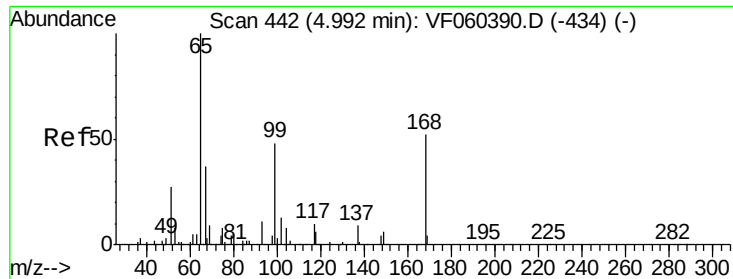
4000

2000

0

Time-->





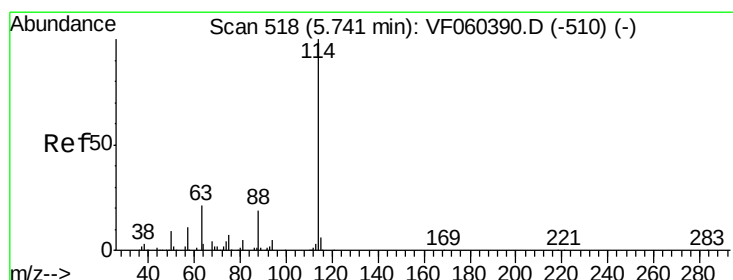
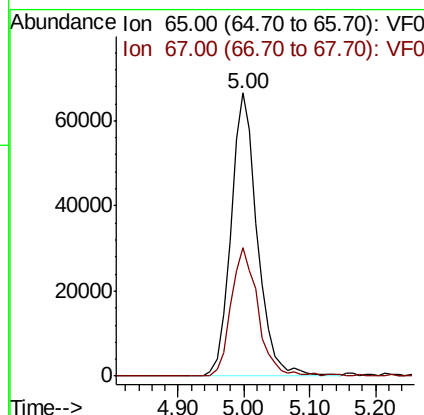
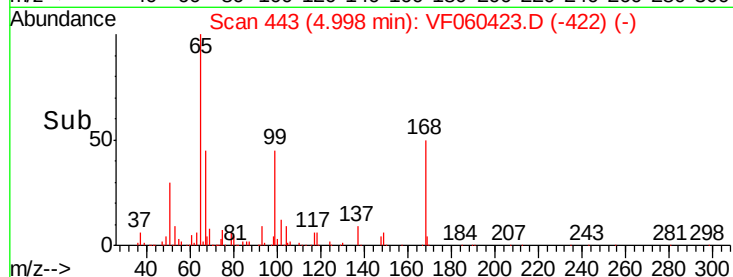
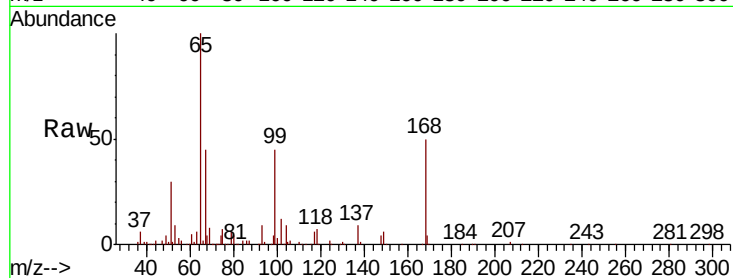
#33
 1,2-Dichloroethane-d4
 Concen: 53.802 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VF060423.D
 Acq: 3 Oct 2018 19:13

Instrument :
 MSVOA_F
 ClientSampled :
 SS-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186359		
67	45.2	0.0	89.4	

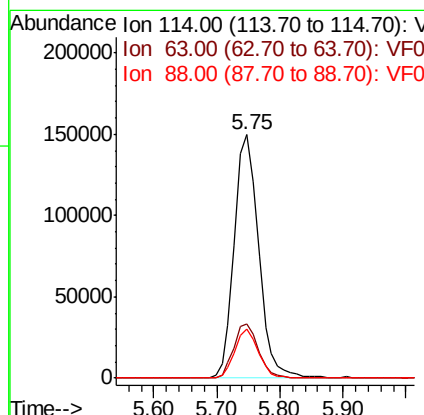
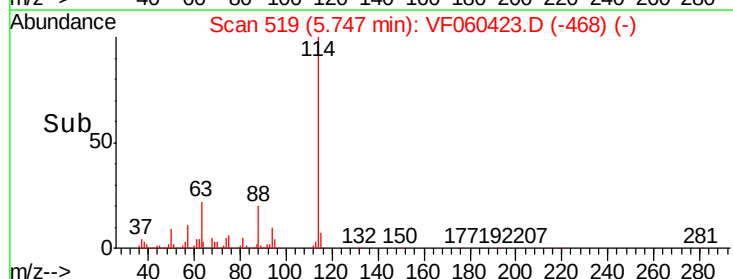
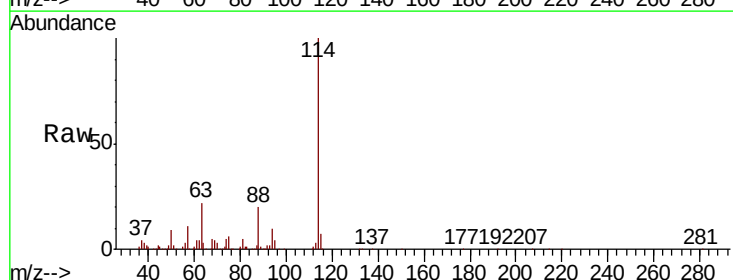
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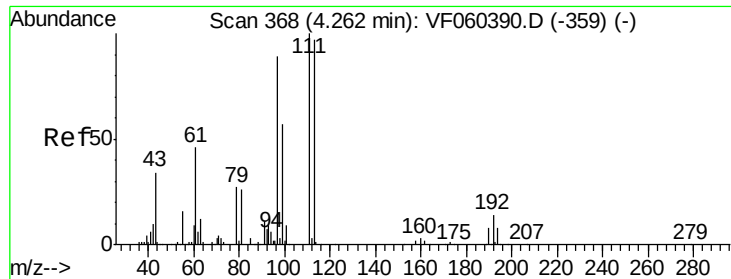
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VF060423.D
 Acq: 3 Oct 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	401663		
63	22.5	0.0	42.2	
88	20.3	0.0	38.8	





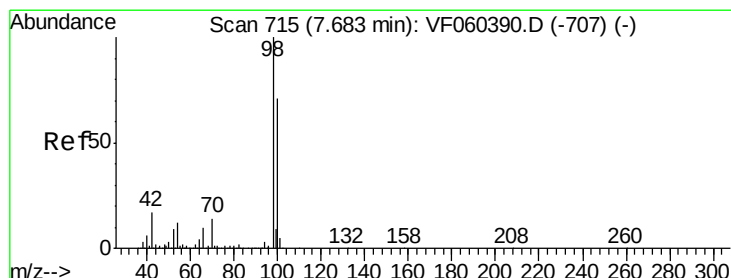
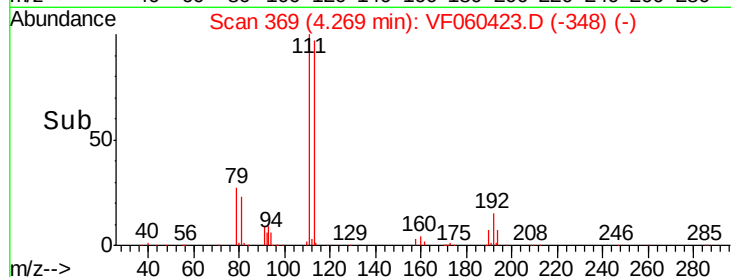
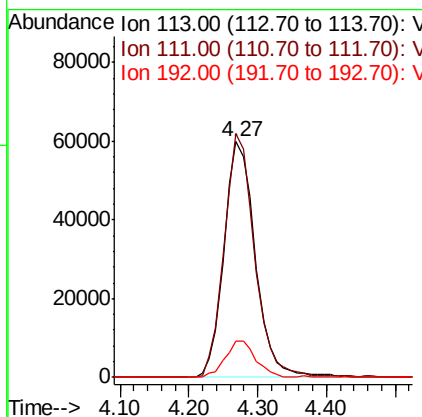
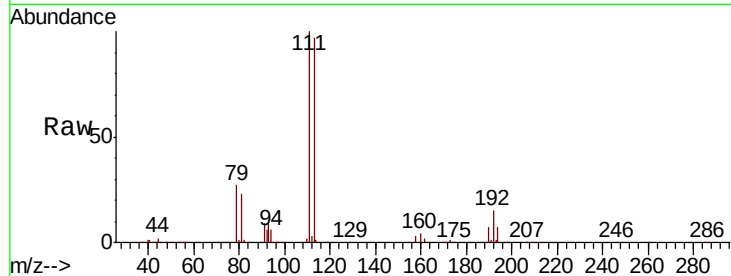
#35
 Dibromofluoromethane
 Concen: 50.190 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VF060423.D
 Acq: 3 Oct 2018 19:13

Instrument :
 MSVOA_F
 ClientSampleId :
 SS-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	189385		
111	103.2	82.3	123.5	
192	15.3	11.8	17.6	

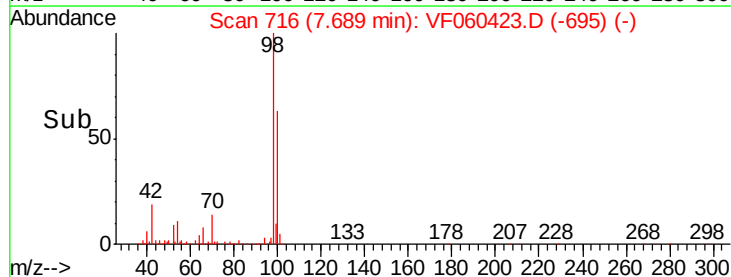
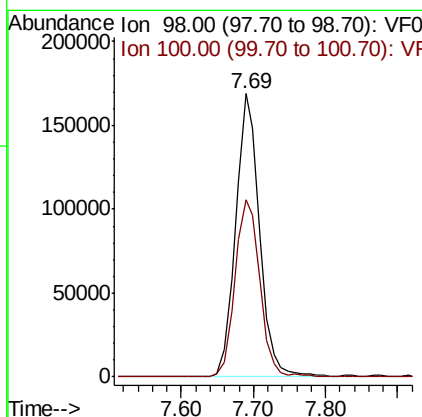
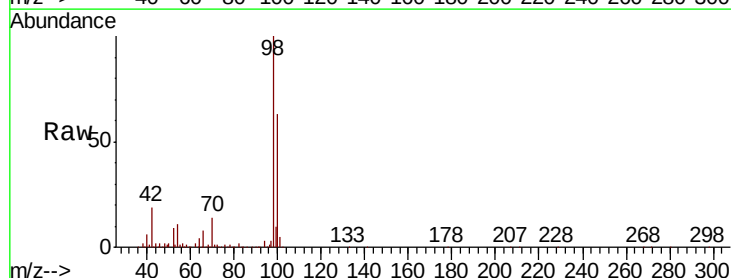
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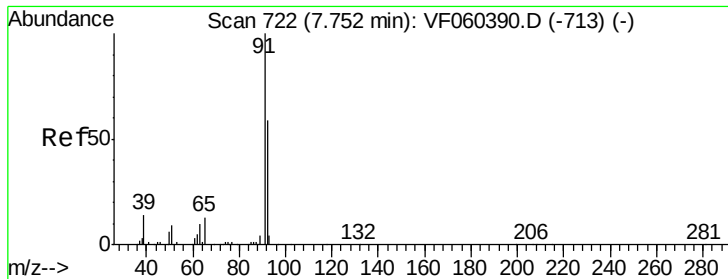
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#50
 Toluene-d8
 Concen: 41.894 ug/l
 RT: 7.69 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VF060423.D
 Acq: 3 Oct 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	389327		
100	62.7	56.5	84.7	





#52

Toluene

Concen: 2.440 ug/l

RT: 7.76 min Scan# 723

Delta R.T. 0.01 min

Lab File: VF060423.D

Acq: 3 Oct 2018 19:13

Instrument :

MSVOA_F

ClientSampled :

SS-1

Tot Ion: 92 Resp: 16294

Ion Ratio Lower Upper

92 100

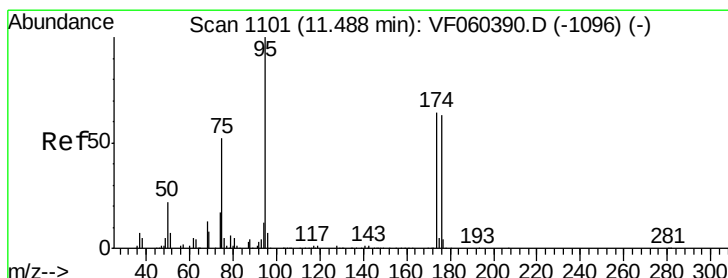
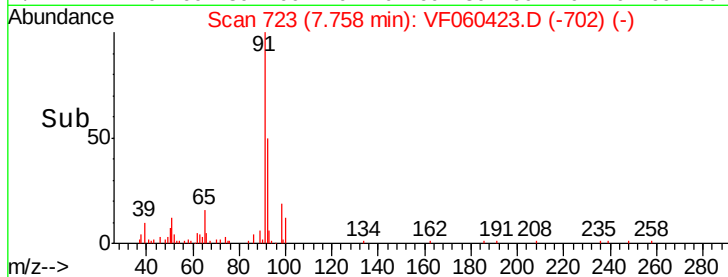
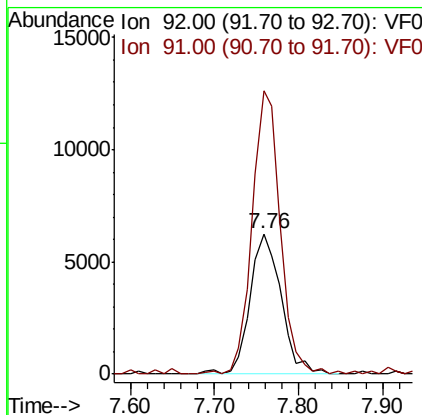
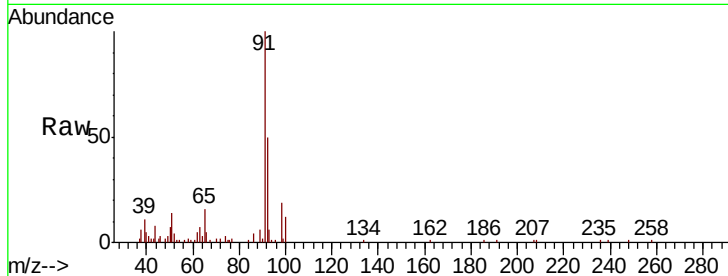
91 201.6 135.4 203.0

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#62

4-Bromofluorobenzene

Concen: 45.513 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060423.D

Acq: 3 Oct 2018 19:13

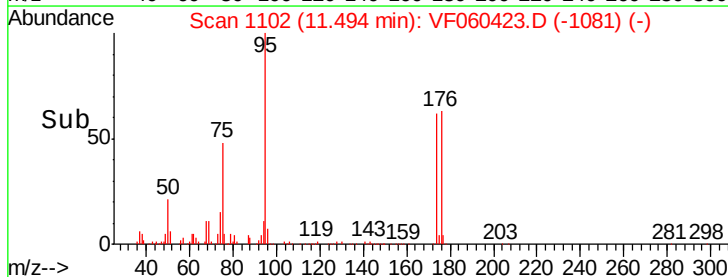
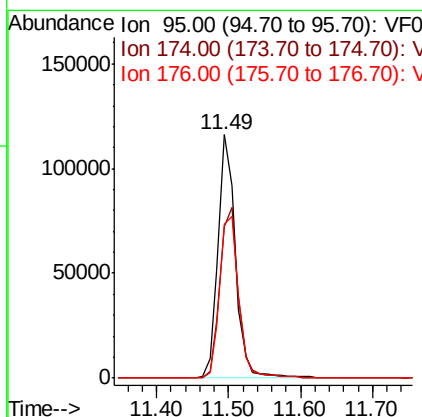
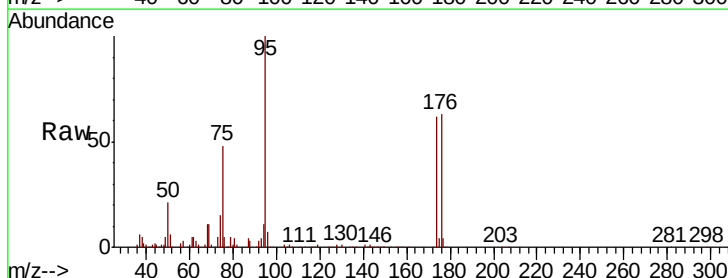
Tgt Ion: 95 Resp: 193120

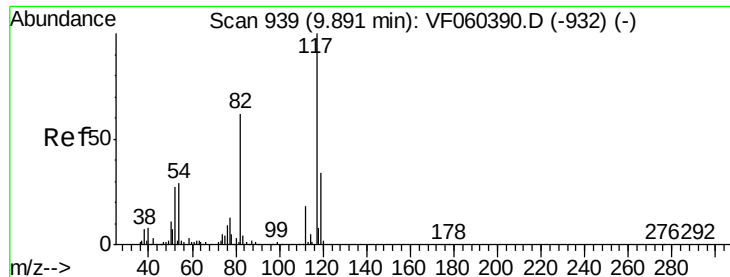
Ion Ratio Lower Upper

95 100

174 62.4 0.0 129.0

176 63.3 0.0 125.6





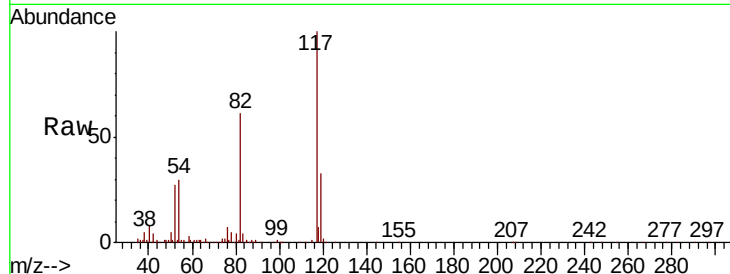
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060423.D
Acq: 3 Oct 2018 19:13

Instrument :
MSVOA_F
ClientSampled :
SS-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	334281		
82	61.2	49.5	74.3	
119	32.6	27.0	40.6	

Manual Integrations
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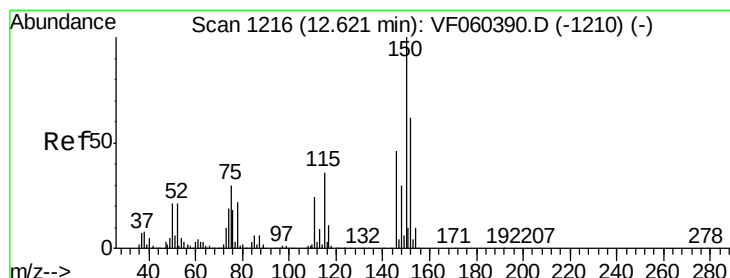
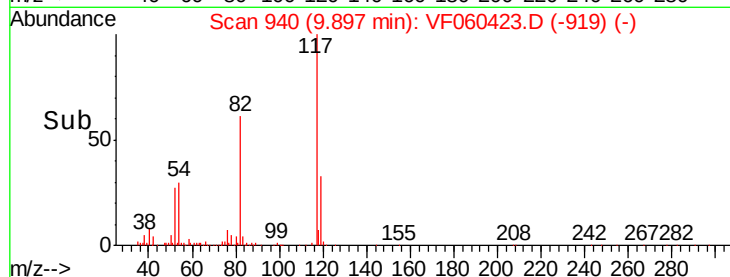
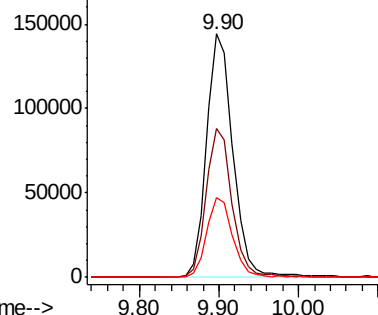


Abundance

Ion 117.00 (116.70 to 117.70): V

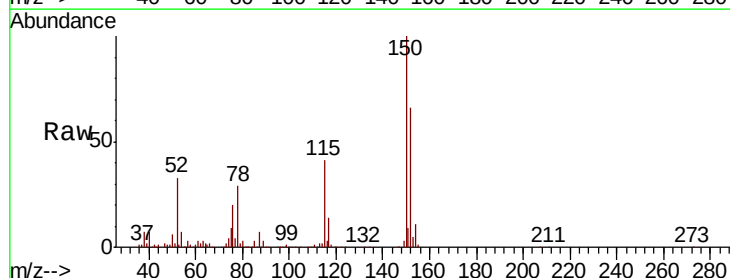
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060423.D
Acq: 3 Oct 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	179972		
115	61.8	28.6	85.8	
150	150.8	0.0	324.6	



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

