

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060693.D
 Acq On : 12 Nov 2018 19:32
 Operator : VA/AP
 Sample : J5766-01
 Misc : 6.49g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-01-110918

Manual Integrations
 APPROVED

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 11/13/2018 2:11:06 PM

Quant Time: Nov 13 04:41:32 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	4.86	168	229163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	379855	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	342993	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	146735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	128701	55.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.16%	
35) Dibromofluoromethane	4.10	113	150515	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
50) Toluene-d8	7.54	98	360293	41.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.88%	
62) 4-Bromofluorobenzene	11.41	95	159619	41.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.96%	
Target Compounds						
16) Acetone	2.23	43	16025	29.371	ug/l	95
20) Methylene Chloride	2.18	84	14485m	3.918	ug/l	

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

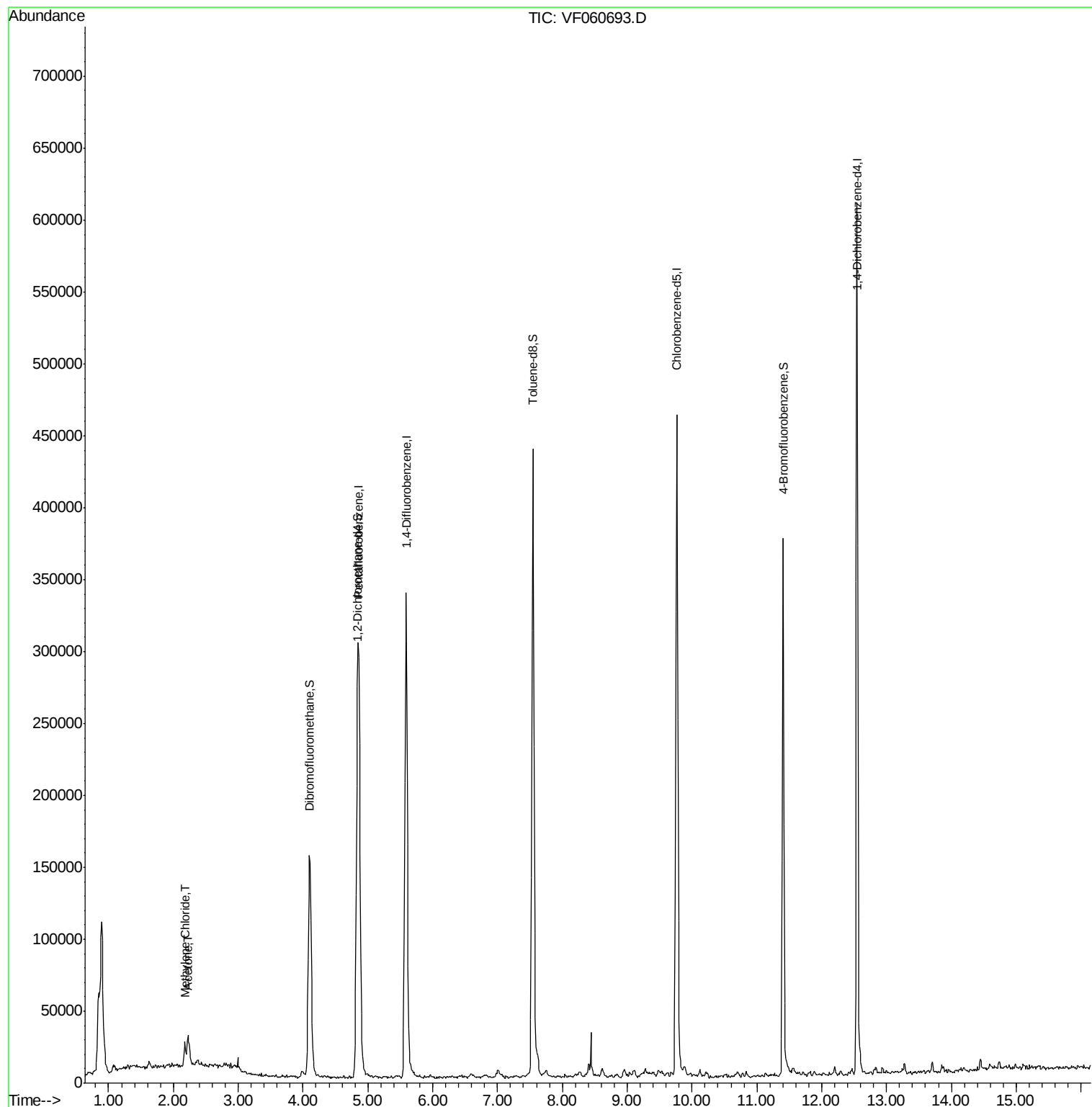
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111218\
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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060693.D

Acq: 12 Nov 2018 19:32

Instrument :

MSVOA_F

ClientSampleId :

HD-01-110918

Tot Ion:168 Resp: 229163

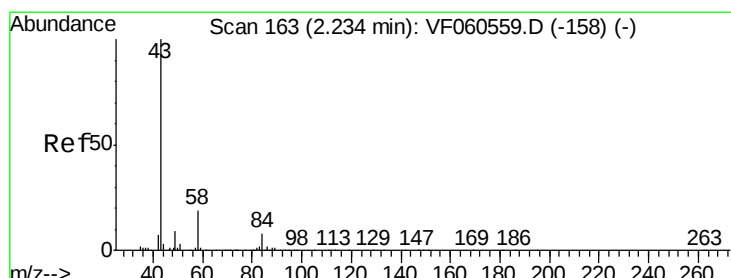
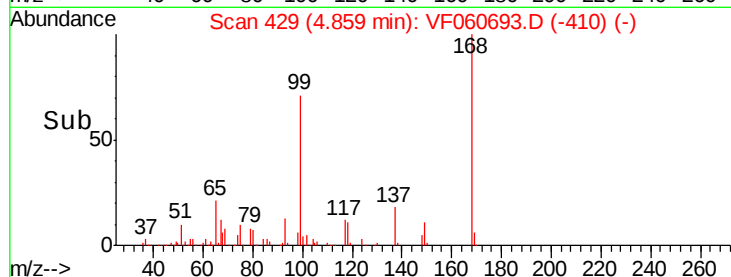
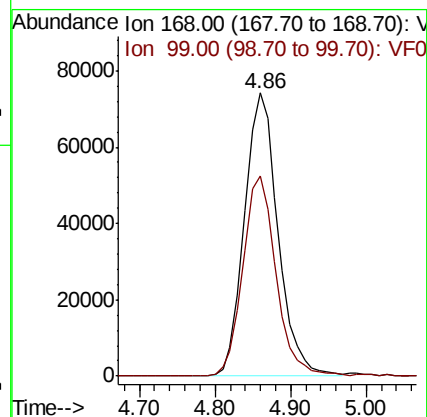
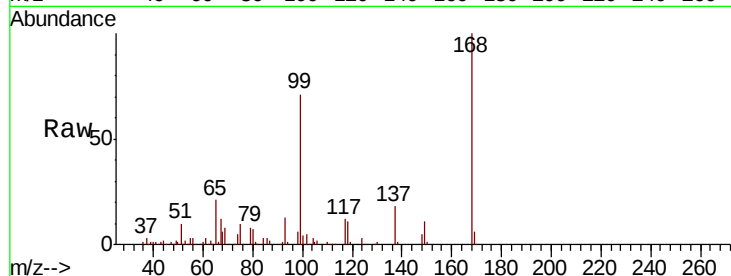
Ion Ratio Lower Upper

168 100

99 70.7 48.6 72.8

Manual Integrations
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#16

Acetone

Concen: 29.371 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF060693.D

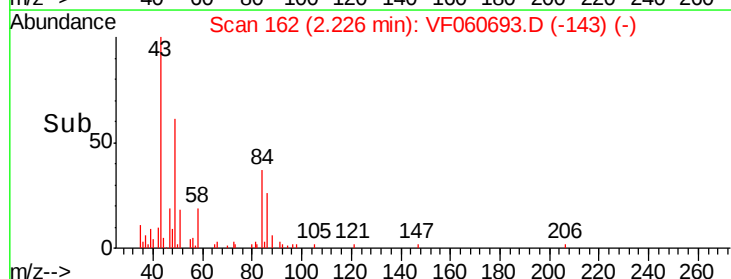
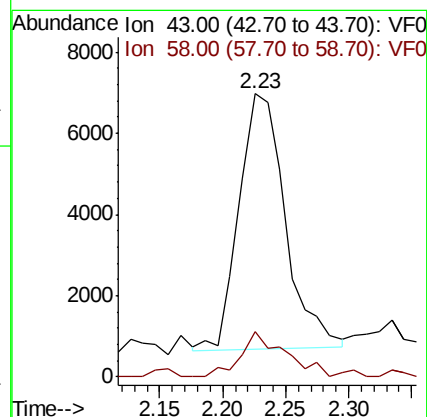
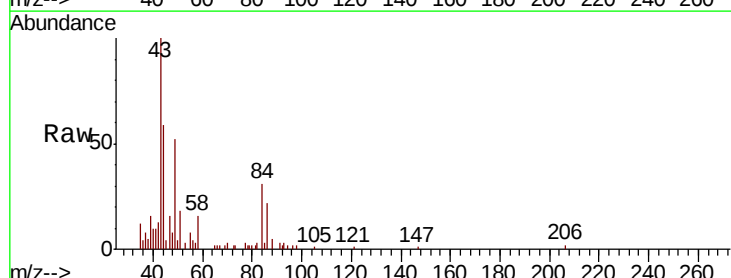
Acq: 12 Nov 2018 19:32

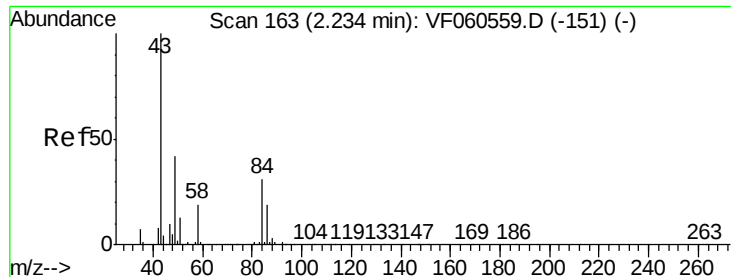
Tgt Ion: 43 Resp: 16025

Ion Ratio Lower Upper

43 100

58 16.1 14.6 22.0





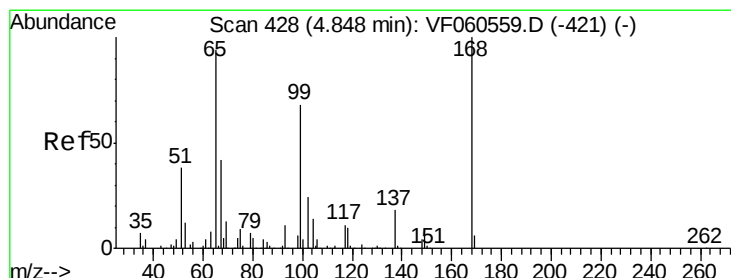
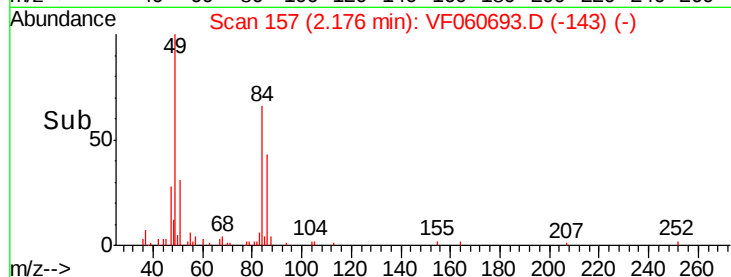
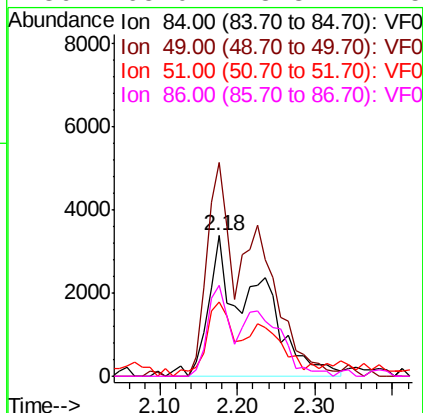
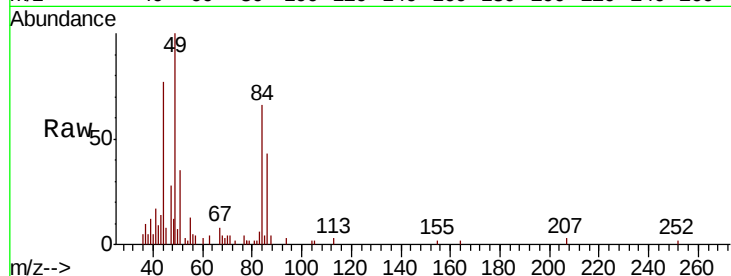
#20
Methvlene Chloride
Concen: 3.918 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.06 min
Lab File: VF060693.D
Acq: 12 Nov 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :
HD-01-110918

Tot Ion	Ratio	Lower	Upper
84	100		
49	152.1	109.9	164.9
51	52.9	35.8	53.8
86	65.0	48.3	72.5

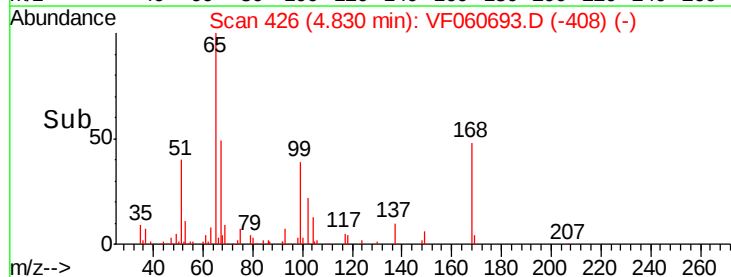
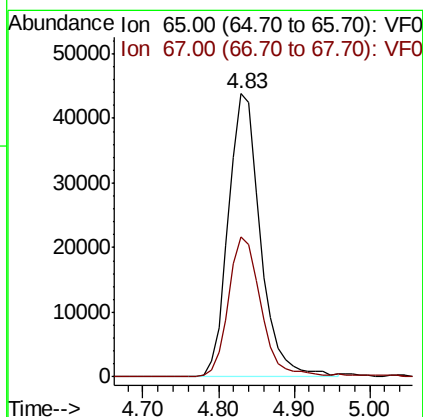
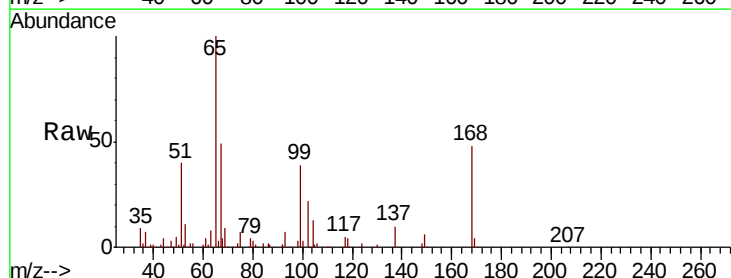
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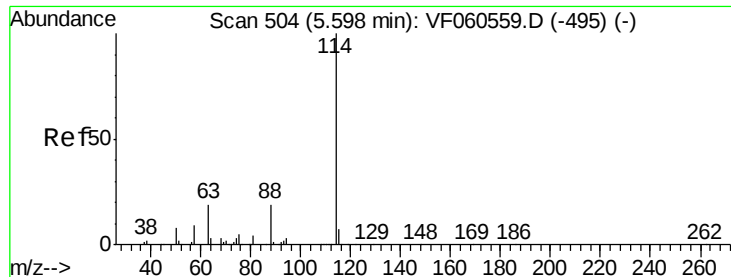
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#33
1,2-Dichloroethane-d4
Concen: 55.585 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF060693.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF060693.D

Acq: 12 Nov 2018 19:32

Instrument :

MSVOA_F

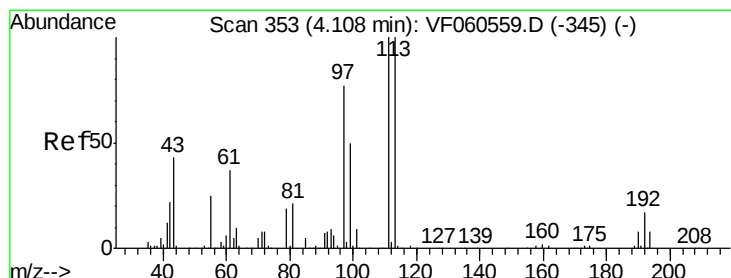
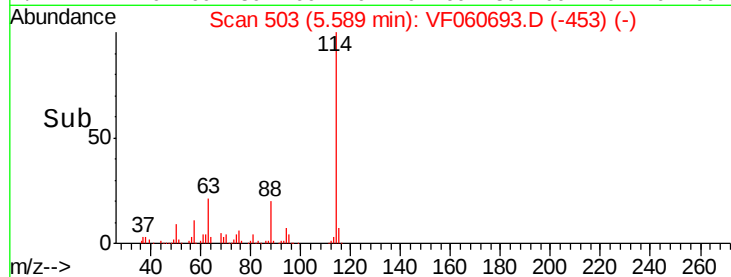
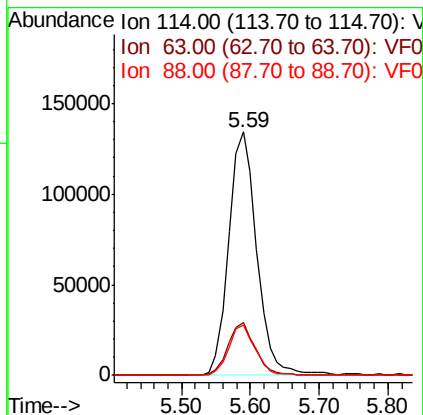
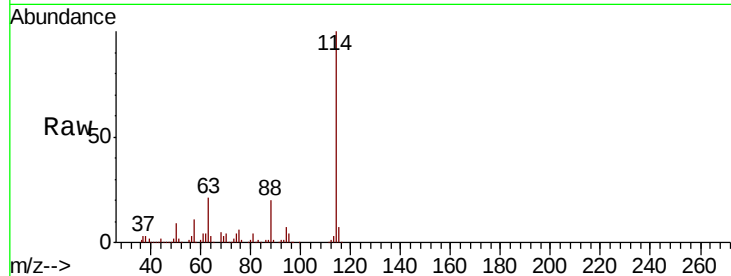
ClientSampleId :

HD-01-110918

Tot Ion:	114	Resp:	379855
Ion Ratio		Lower	Upper
114	100		
63	21.5	0.0	39.0
88	20.5	0.0	38.2

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#35

Dibromofluoromethane

Concen: 51.287 ug/l

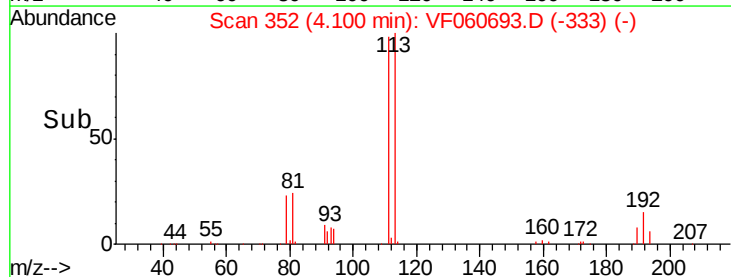
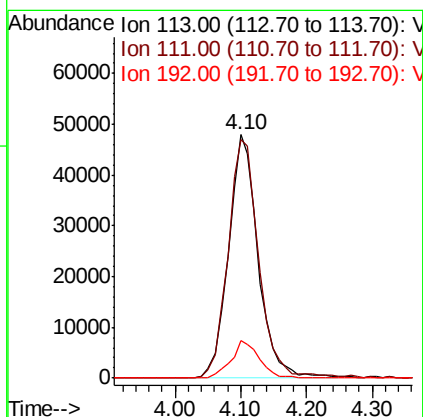
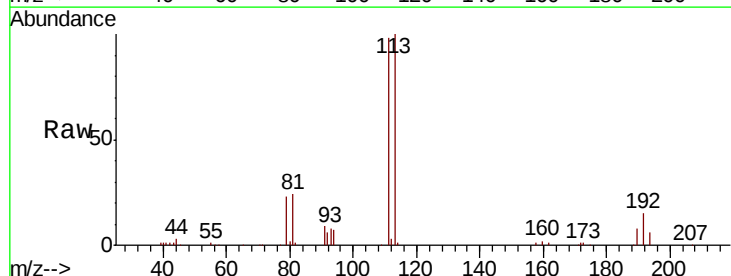
RT: 4.10 min Scan# 352

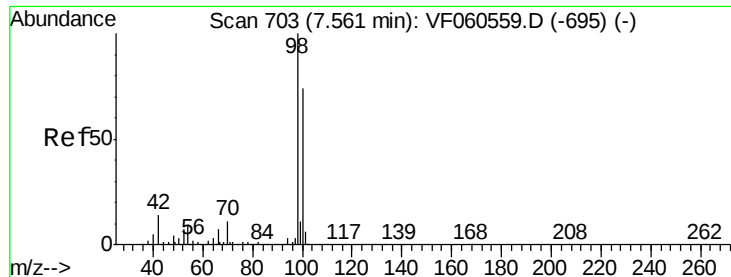
Delta R.T. -0.01 min

Lab File: VF060693.D

Acq: 12 Nov 2018 19:32

Tgt Ion:	113	Resp:	150515
Ion Ratio		Lower	Upper
113	100		
111	98.1	79.9	119.9
192	15.2	13.3	19.9





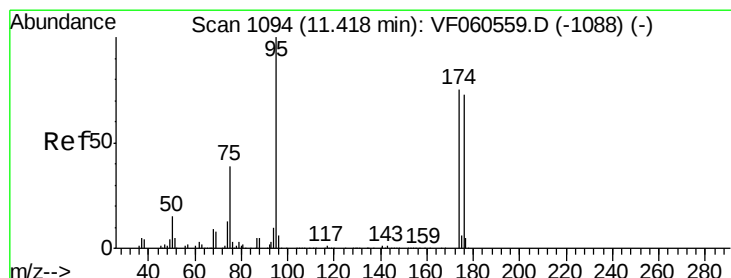
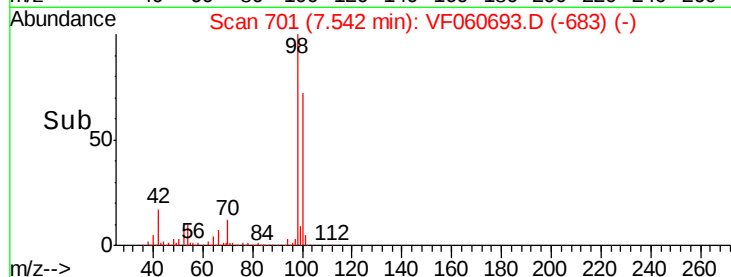
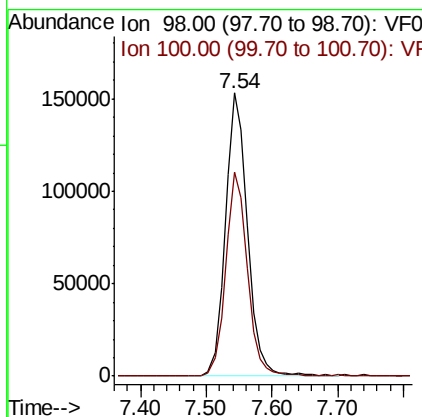
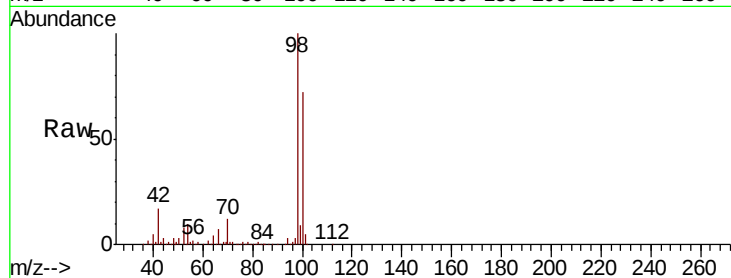
#50
Toluene-d8
Concen: 41.443 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060693.D
Acq: 12 Nov 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :
HD-01-110918

Tot Ion: 98 Resp: 360293
Ion Ratio Lower Upper
98 100
100 72.0 59.4 89.2

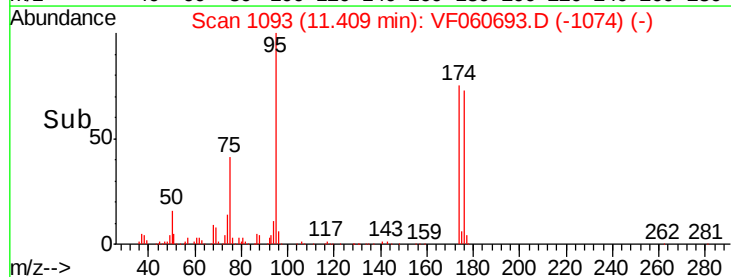
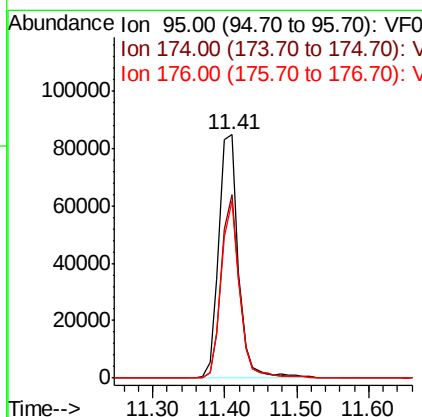
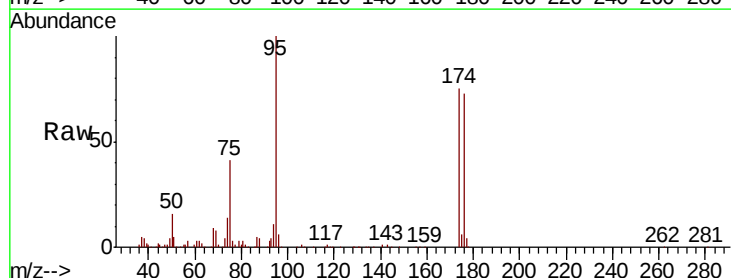
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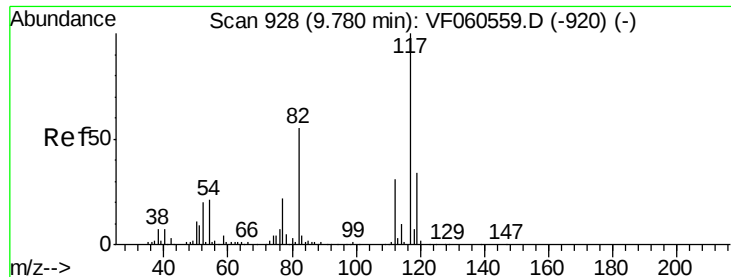
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#62
4-Bromofluorobenzene
Concen: 41.975 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060693.D
Acq: 12 Nov 2018 19:32

Tgt Ion: 95 Resp: 159619
Ion Ratio Lower Upper
95 100
174 75.4 0.0 149.0
176 72.6 0.0 145.6





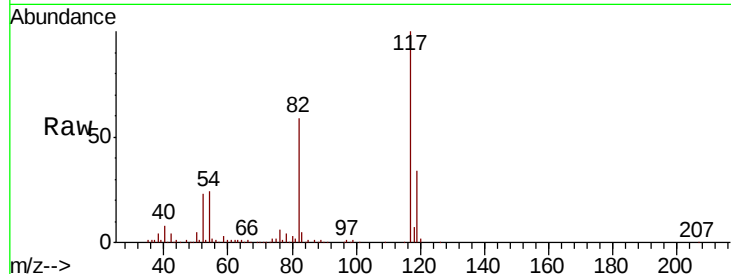
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060693.D
Acq: 12 Nov 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :
HD-01-110918

Tot Ion	Ratio	Resp	Lower	Upper
117	100	342993		
82	58.8		43.9	65.9
119	34.1		27.4	41.0

Manual Integrations
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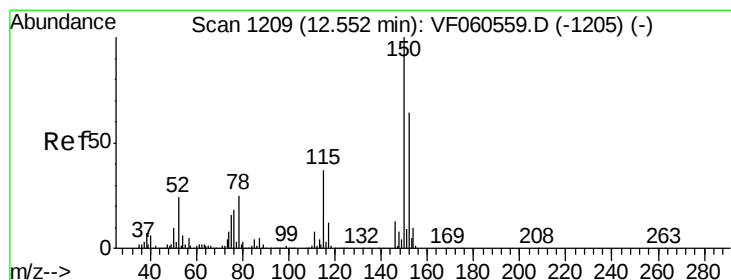
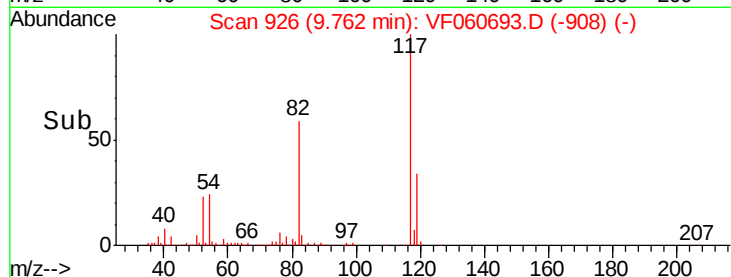
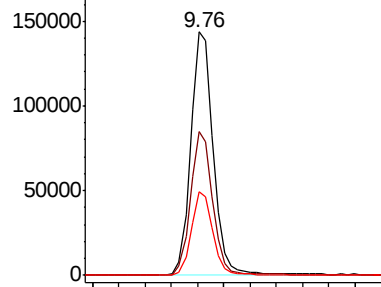


Abundance

Ion 117.00 (116.70 to 117.70): V

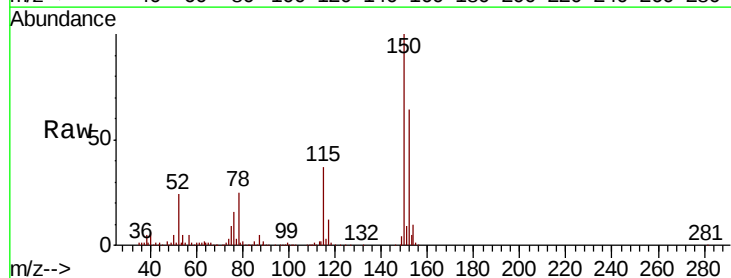
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060693.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	146735		
115	57.5		29.6	88.8
150	156.7		0.0	315.6



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

