

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060993.D
 Acq On : 11 Dec 2018 23:14
 Operator : VA/AP
 Sample : J6316-19
 Misc : 5.62g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-3

Manual Integrations
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 12/12/2018 1:29:16 PM

Quant Time: Dec 12 07:21:54 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	4.86	168	198570	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.60	114	355620	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	324707	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.56	152	154361	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	123292	52.71	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	105.42%	
35) Dibromofluoromethane	4.11	113	136499	48.38	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	7.56	98	318739	38.35	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	76.70%	
62) 4-Bromofluorobenzene	11.41	95	151806	40.19	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	80.38%	
Target Compounds						
20) Methylene Chloride	2.25	84	21732m	13.733	ug/l	Qvalue

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

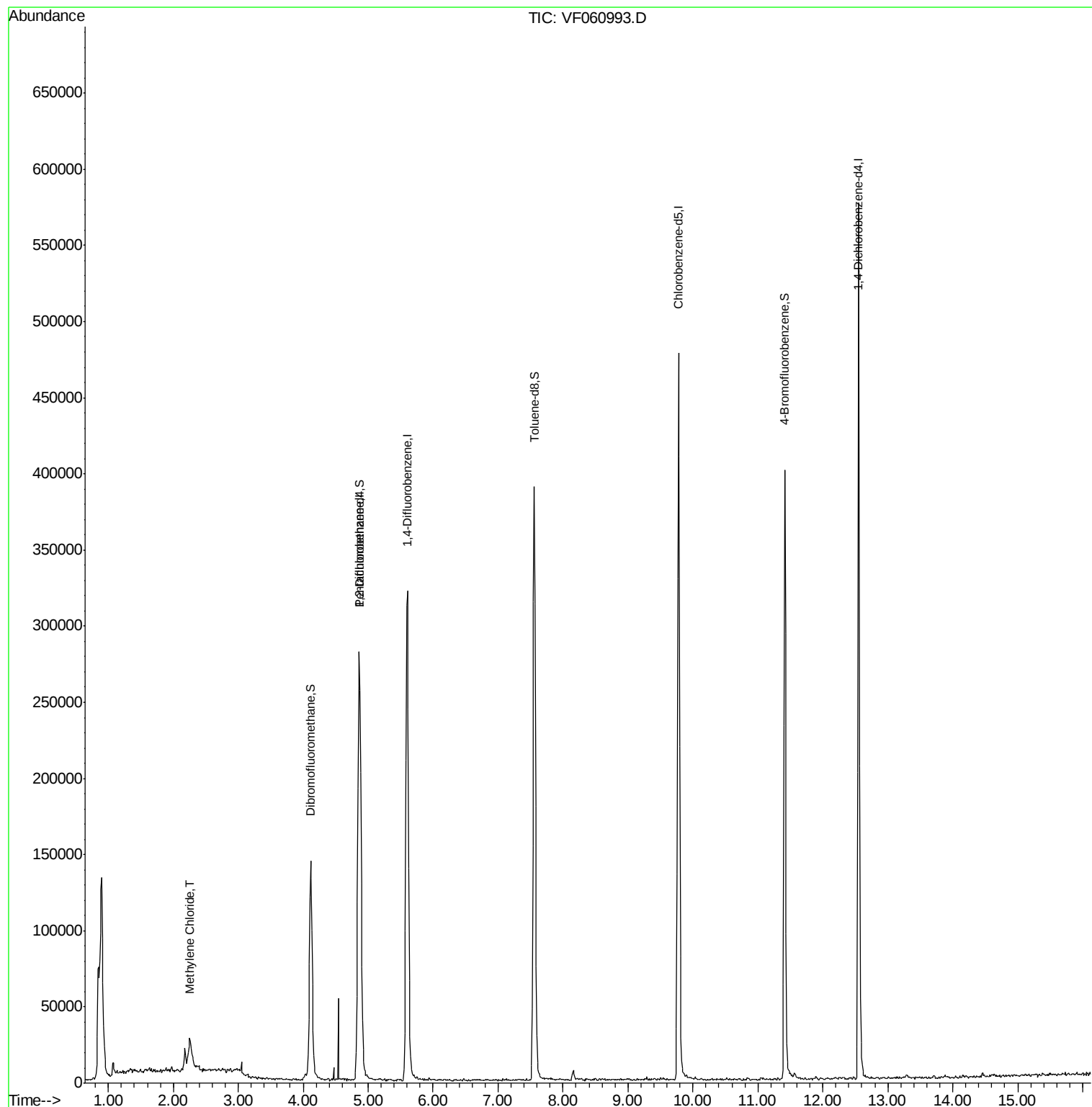
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060993.D
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Quant Time: Dec 12 07:21:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF060993.D

Acq: 11 Dec 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-3

Tot Ion:168 Resp: 198570

Ion Ratio Lower Upper

168 100

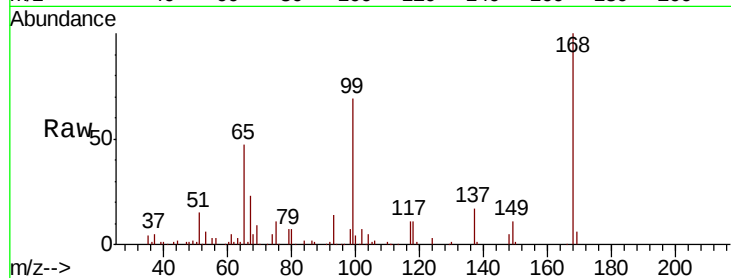
99 69.3 52.6 79.0

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

4.86

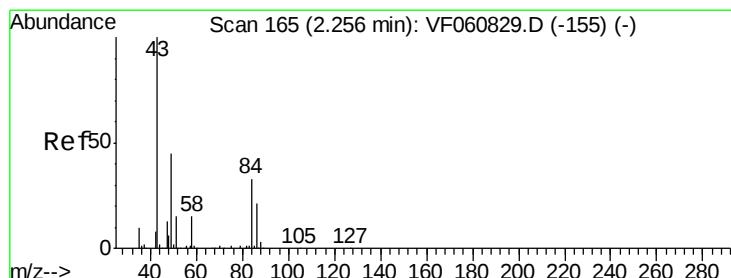
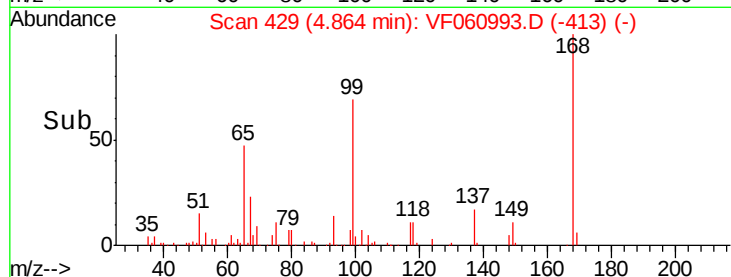
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 13.733 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060993.D

Acq: 11 Dec 2018 23:14

Tgt Ion: 84 Resp: 21732

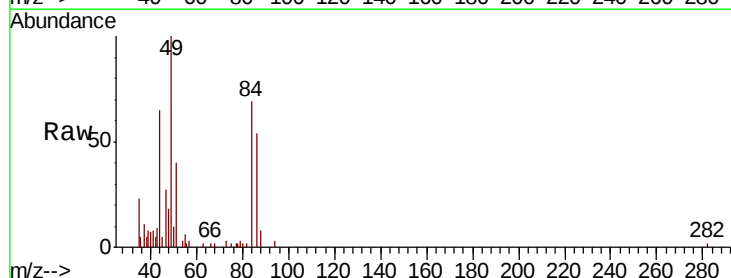
Ion Ratio Lower Upper

84 100

49 144.3 111.3 166.9

51 57.1 38.0 57.0#

86 77.8 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

8000

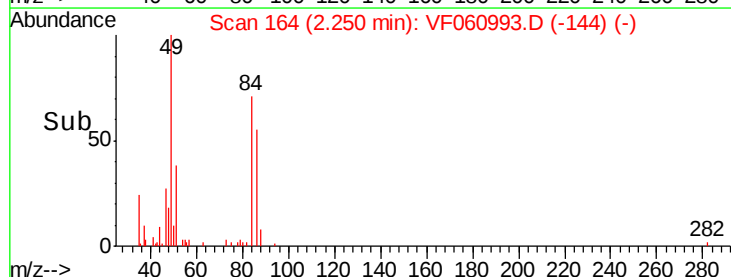
6000

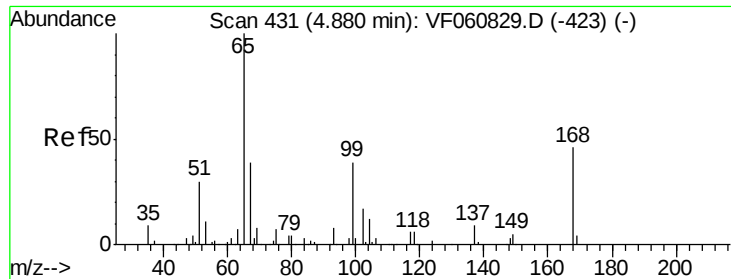
4000

2000

0

Time--> 2.00 2.20 2.40





#33

1,2-Dichloroethane-d4

Concen: 52.706 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF060993.D

Acq: 11 Dec 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-3

Tot Ion: 65 Resp: 123292

Ion Ratio Lower Upper

65 100

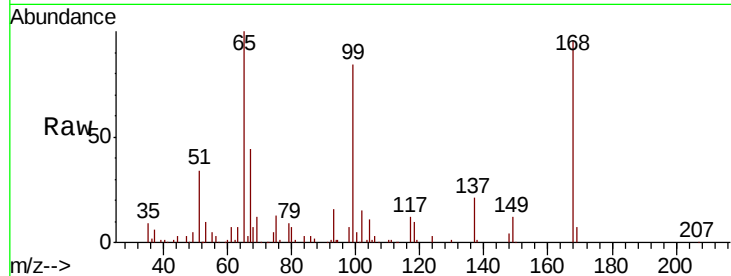
67 44.3 0.0 96.4

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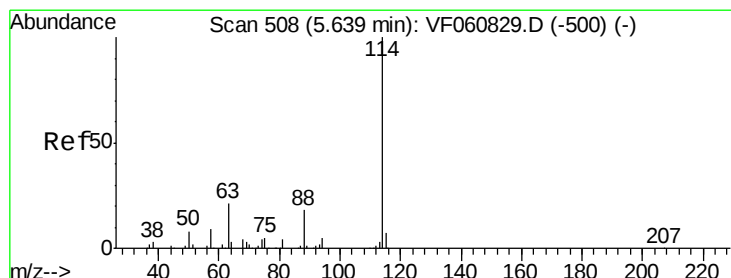
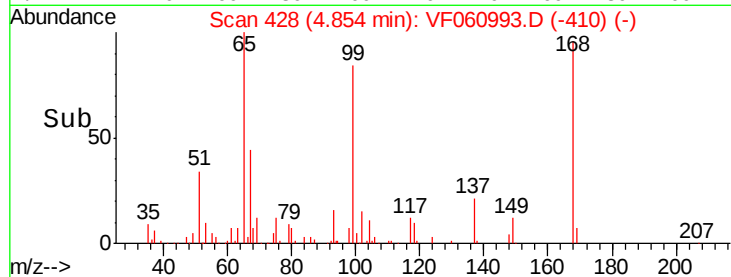
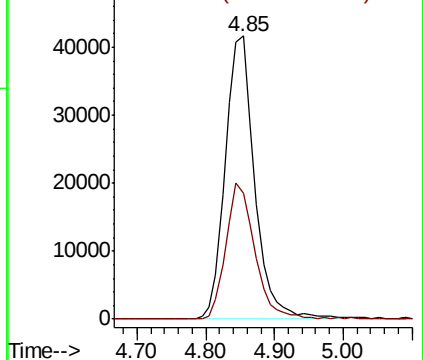
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060993.D

Acq: 11 Dec 2018 23:14

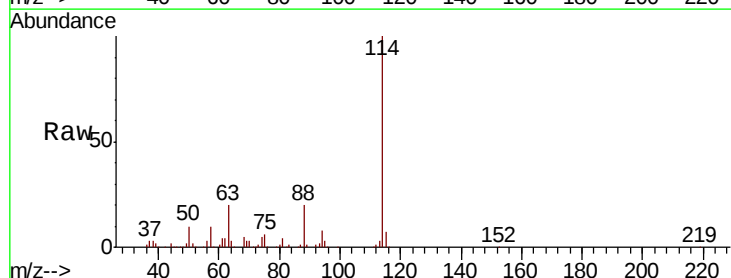
Tgt Ion: 114 Resp: 355620

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

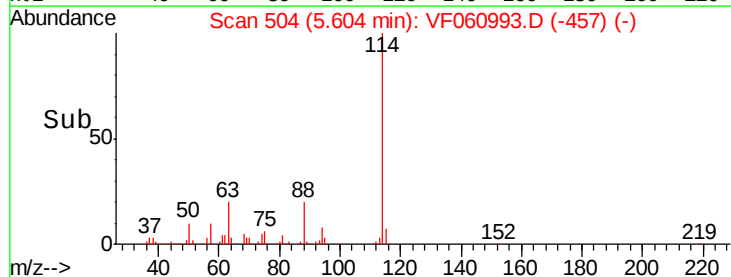
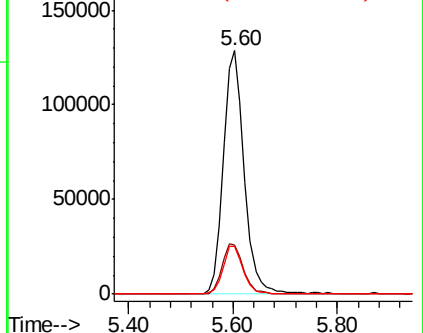
88 19.7 0.0 36.6

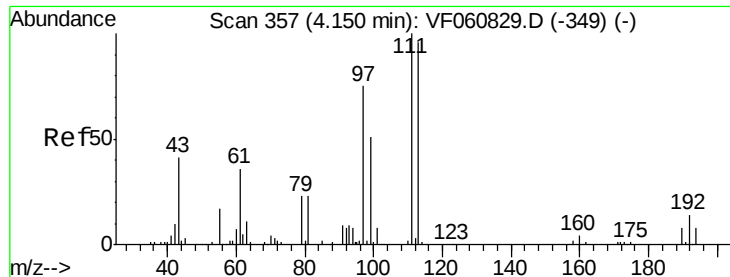


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





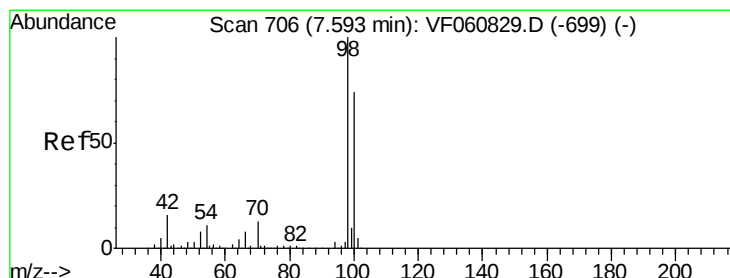
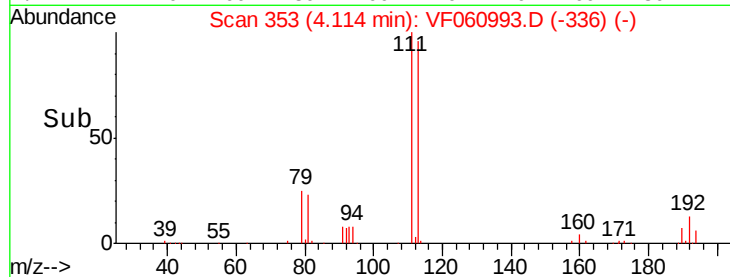
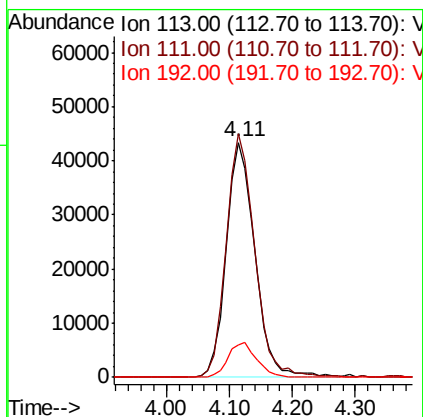
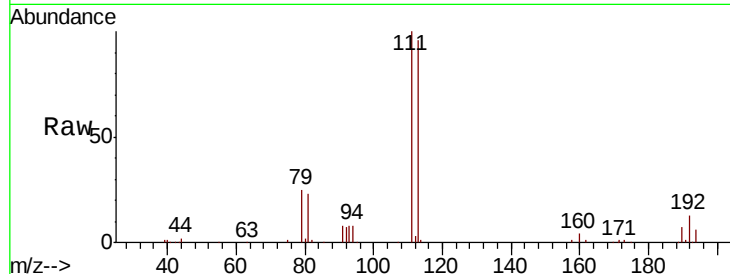
#35
Dibromofluoromethane
Concen: 48.383 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136499		
111	103.7	83.0	124.6	
192	14.0	12.3	18.5	

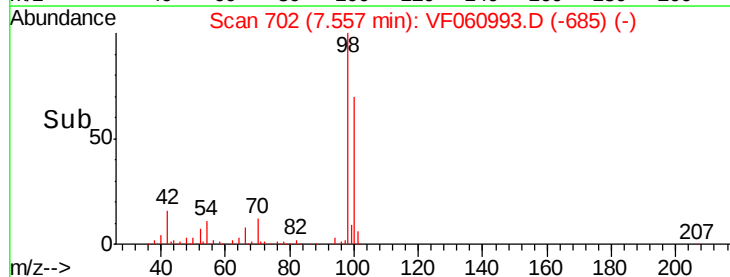
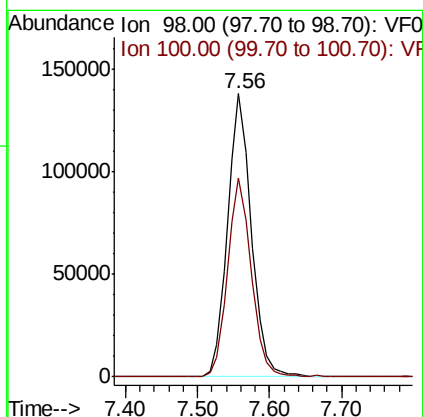
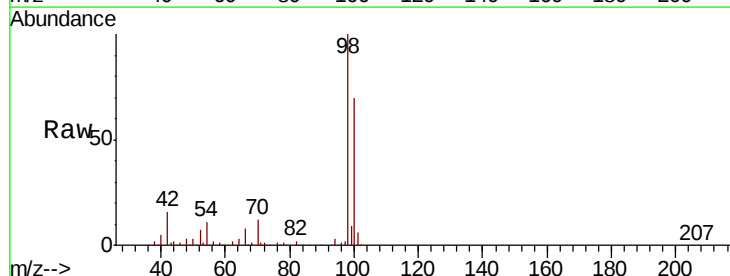
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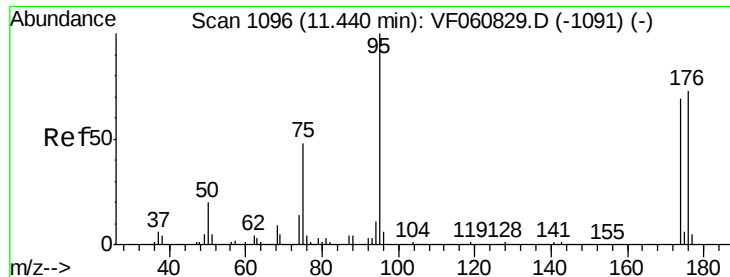
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#50
Toluene-d8
Concen: 38.354 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	318739		
100	70.4	59.3	88.9	





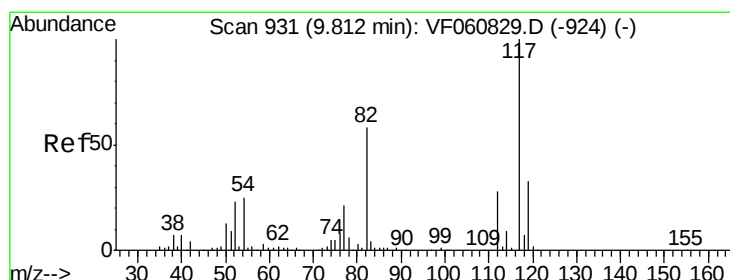
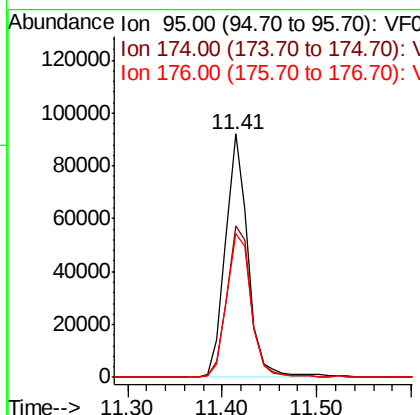
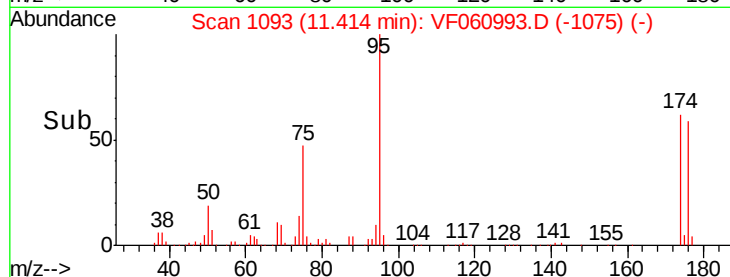
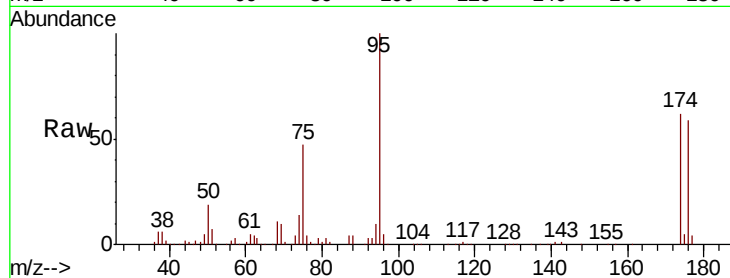
#62
4-Bromofluorobenzene
Concen: 40.192 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	151806		
174	62.5	0.0	138.2	
176	59.1	0.0	146.2	

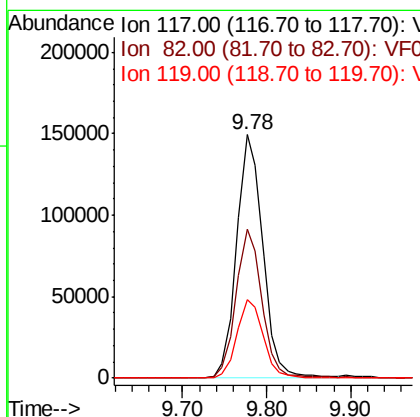
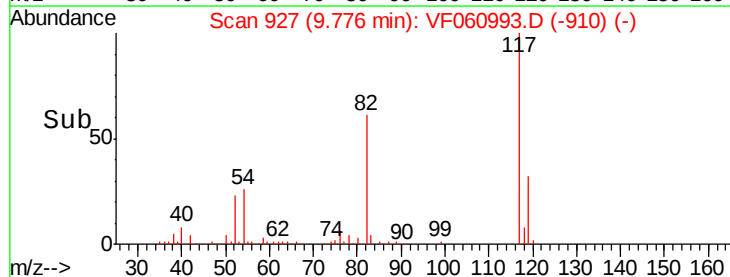
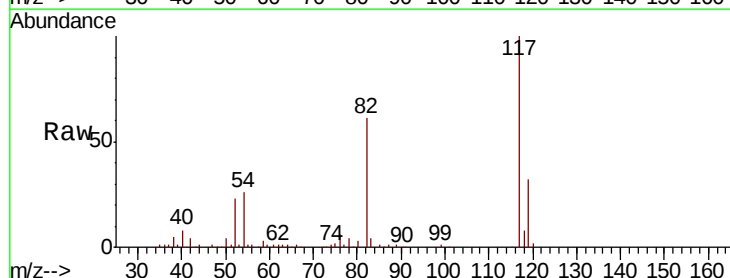
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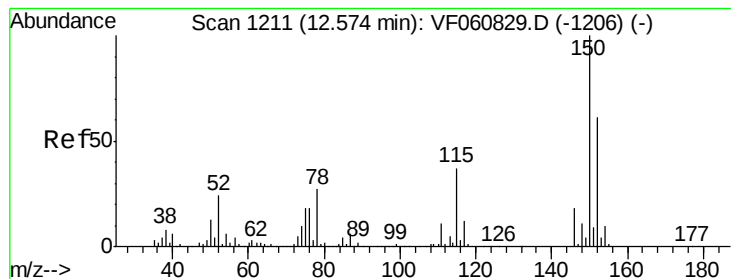
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	324707		
82	61.3	46.6	69.8	
119	32.0	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF060993.D

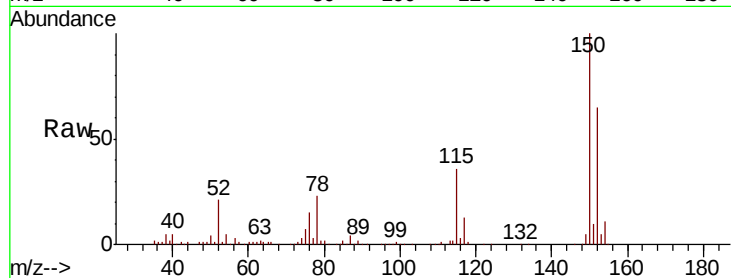
Acq: 11 Dec 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-3



Tot Ion:	152	Resp:	154361
Ion Ratio	Lower	Upper	
152	100		
115	56.3	30.1	90.5
150	154.3	0.0	327.6

Manual Integrations
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