

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060703.D
 Acq On : 12 Nov 2018 00:20
 Operator : VA/AP
 Sample : J5908-19
 Misc : 3.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-8

Manual Integrations
 APPROVED

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 11/13/2018 2:11:10 PM

Quant Time: Nov 13 05:02:40 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	244436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	428512	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	381660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	208606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	141117	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
35) Dibromofluoromethane	4.11	113	161334	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	7.55	98	396334	40.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.82%	
62) 4-Bromofluorobenzene	11.41	95	184302	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
Target Compounds						
16) Acetone	2.23	43	22472	38.614	ug/l	93
20) Methylene Chloride	2.18	84	15879m	4.196	ug/l	
70) Styrene	10.79	104	117359	13.905	ug/l	92

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

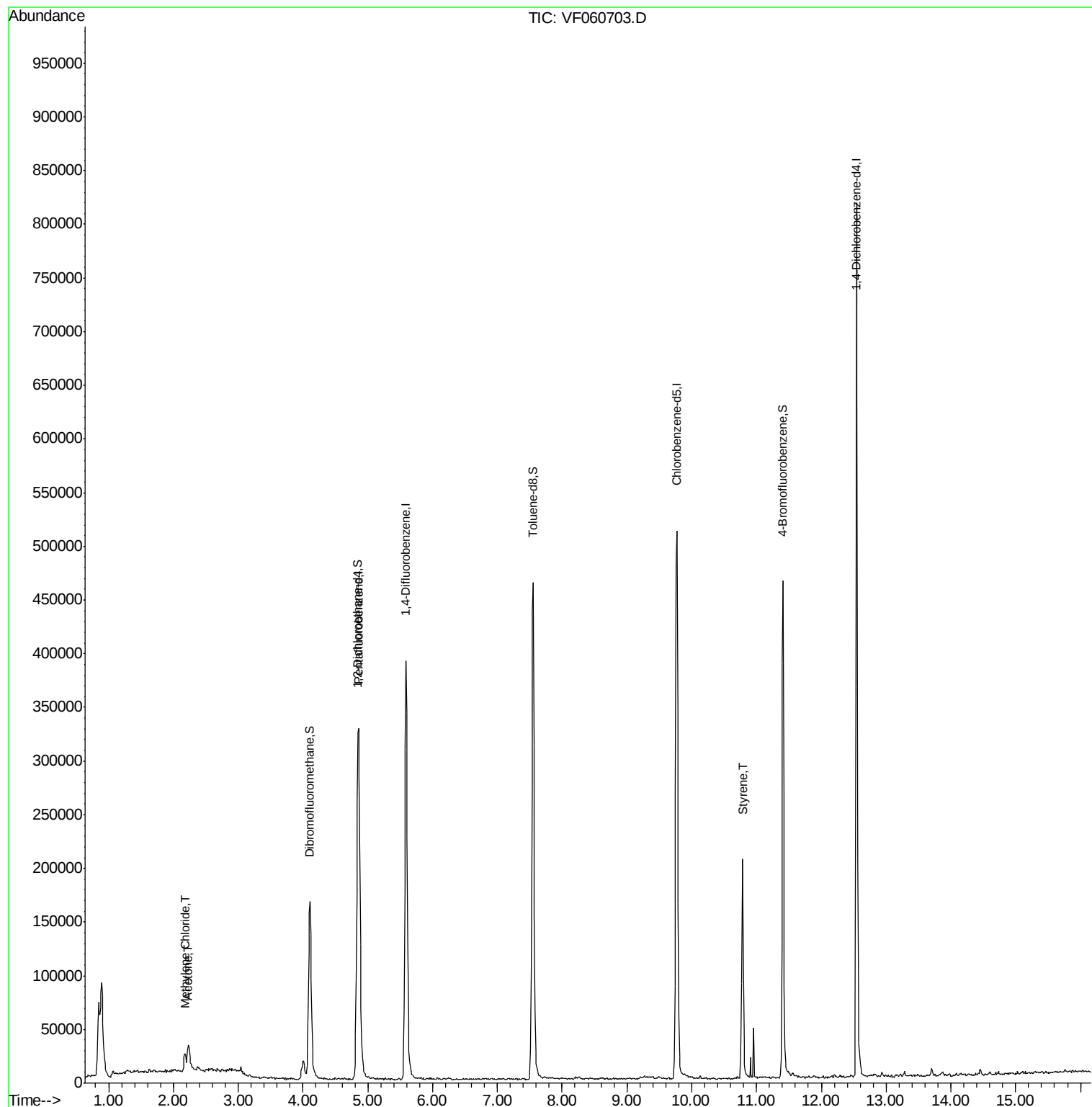
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111218\
Data File : VF060703.D
Acq On : 12 Nov 2018 00:20
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Quant Time: Nov 13 05:02:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060703.D

Acq: 12 Nov 2018 00:20

Instrument :

MSVOA_F

ClientSampled :

SR-8

Tot Ion:168 Resp: 244436

Ion Ratio Lower Upper

168 100

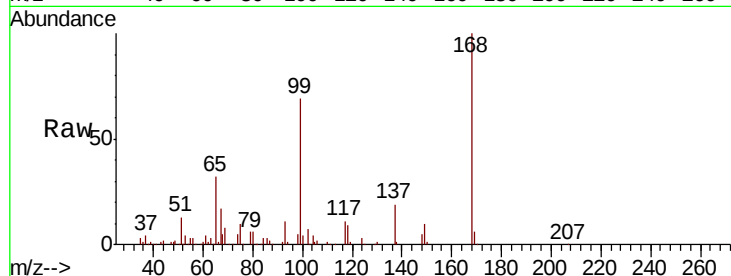
99 69.0 48.6 72.8

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

80000

60000

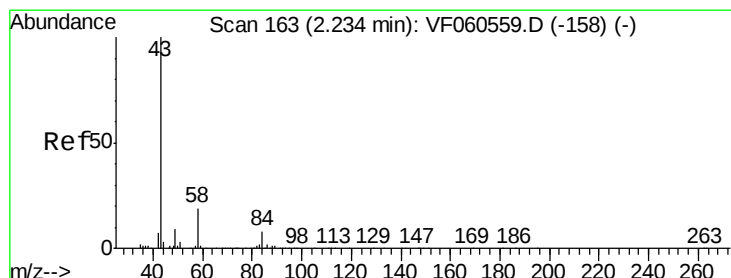
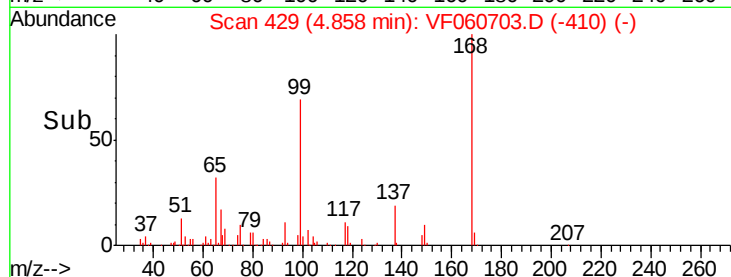
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 38.614 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF060703.D

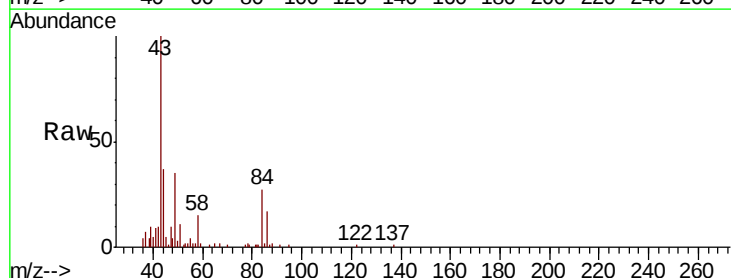
Acq: 12 Nov 2018 00:20

Tgt Ion: 43 Resp: 22472

Ion Ratio Lower Upper

43 100

58 15.0 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

6000

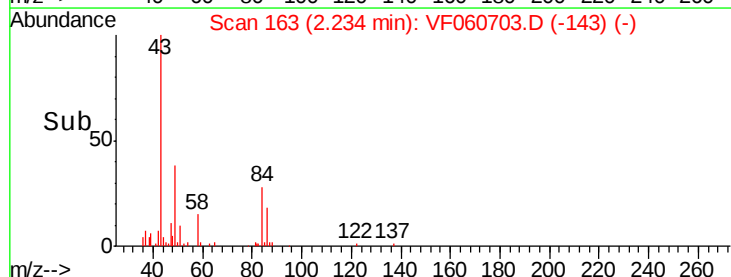
4000

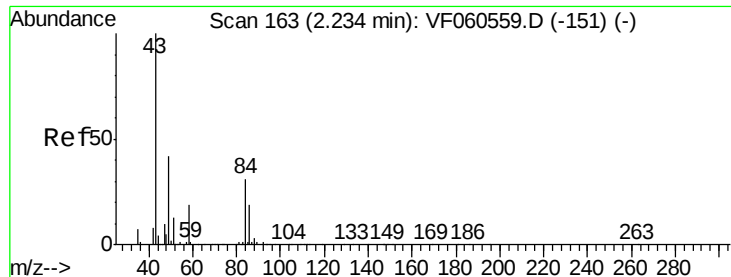
2000

0

2.15 2.20 2.25 2.30 2.35

Time-->





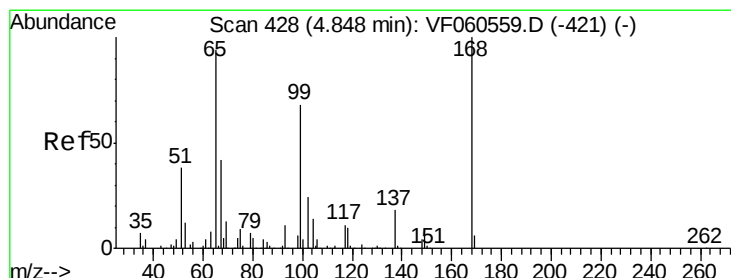
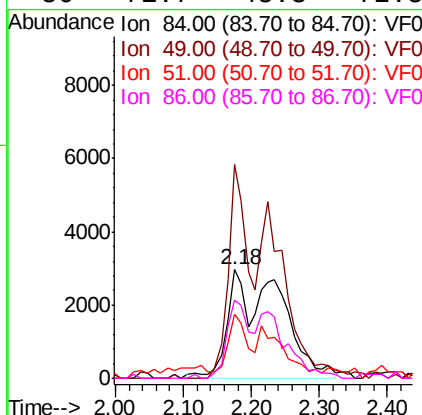
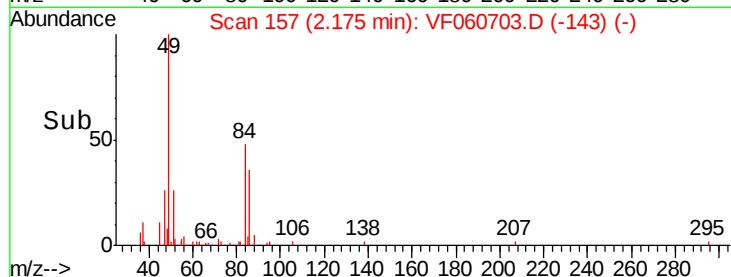
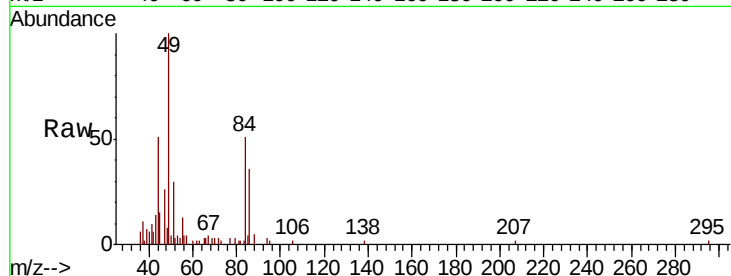
#20
Methvlene Chloride
Concen: 4.196 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.06 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument :
MSVOA_F
ClientSampled :
SR-8

Tot Ion: 84 Resp: 15879
Ion Ratio Lower Upper
84 100
49 197.2 109.9 164.9#
51 59.0 35.8 53.8#
86 71.7 48.3 72.5

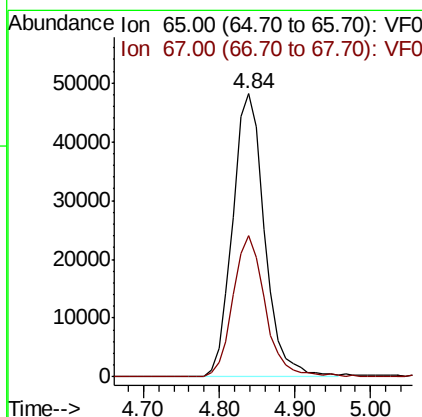
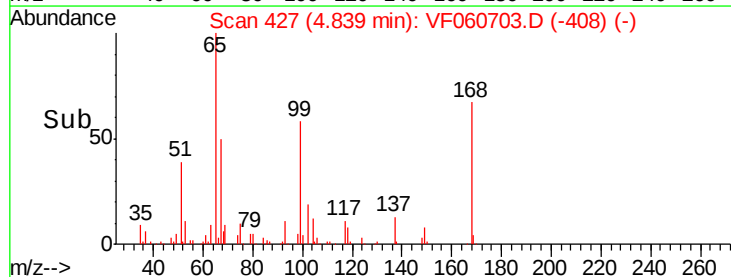
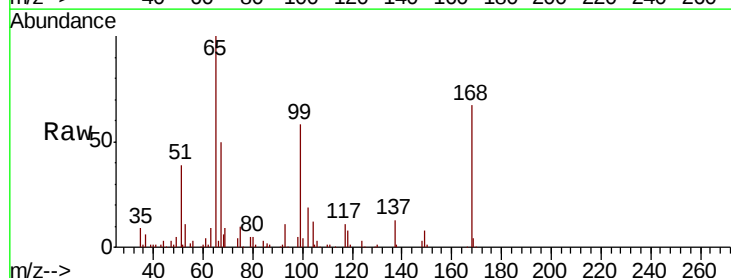
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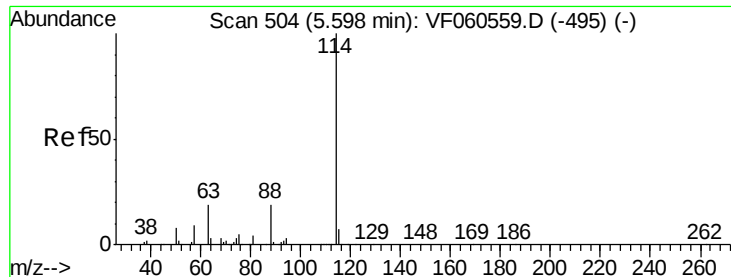
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#33
1,2-Dichloroethane-d4
Concen: 57.139 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 65 Resp: 141117
Ion Ratio Lower Upper
65 100
67 49.7 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: VF060703.D

Acq: 12 Nov 2018 00:20

Instrument :

MSVOA_F

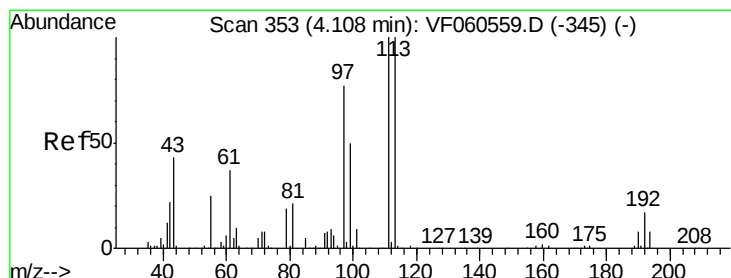
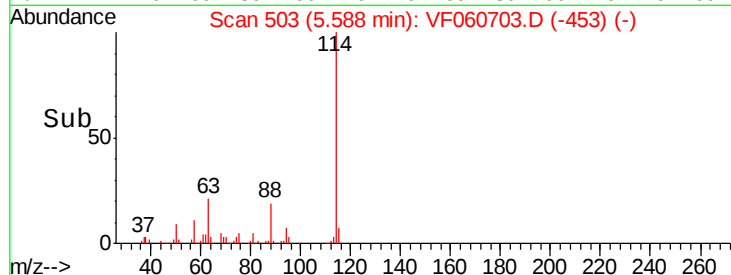
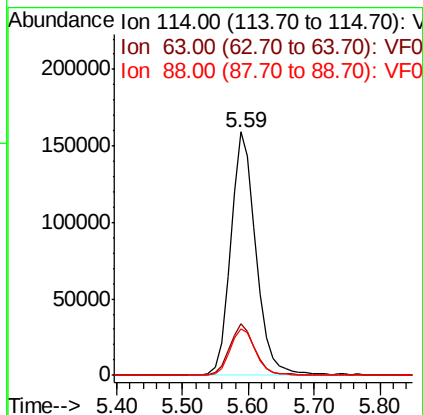
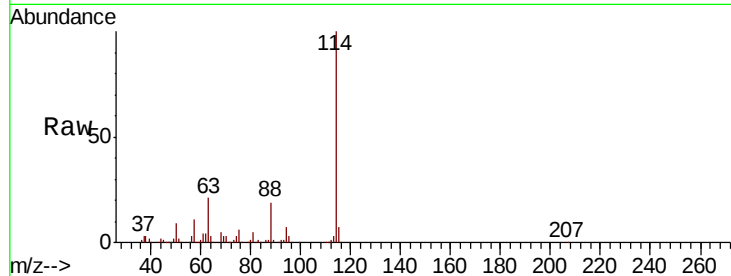
ClientSampleId :

SR-8

Tot Ion:	114	Resp:	428512
Ion Ratio		Lower	Upper
114	100		
63	21.3	0.0	39.0
88	18.9	0.0	38.2

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#35

Dibromofluoromethane

Concen: 48.732 ug/l

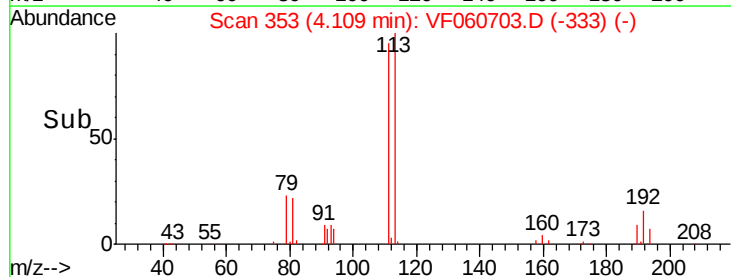
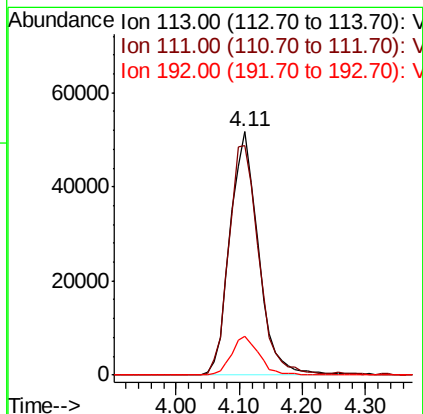
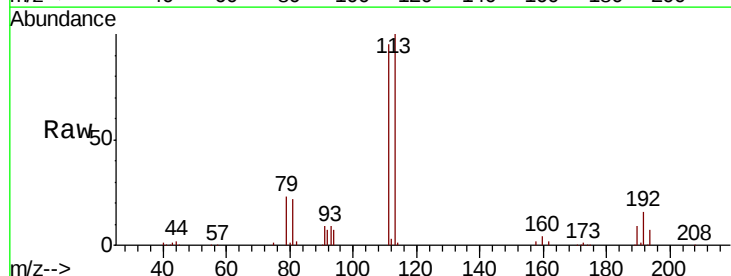
RT: 4.11 min Scan# 353

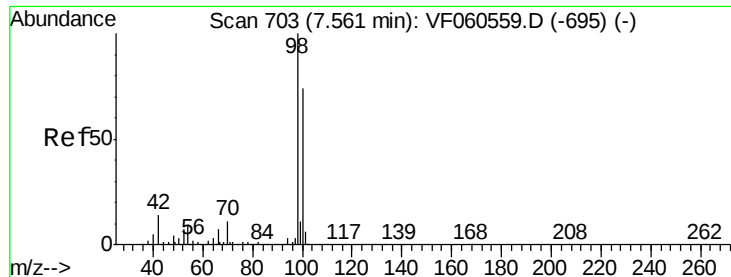
Delta R.T. 0.00 min

Lab File: VF060703.D

Acq: 12 Nov 2018 00:20

Tgt Ion:	113	Resp:	161334
Ion Ratio		Lower	Upper
113	100		
111	94.5	79.9	119.9
192	16.1	13.3	19.9





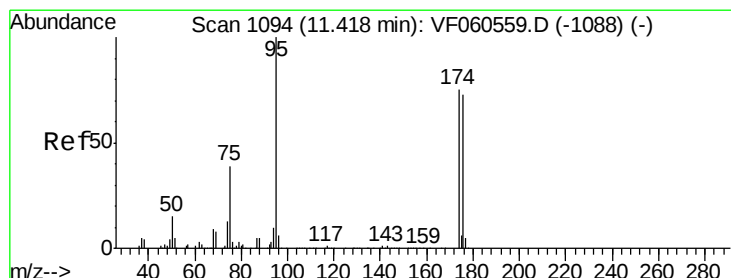
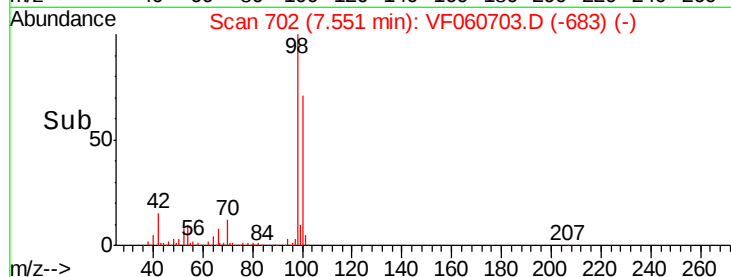
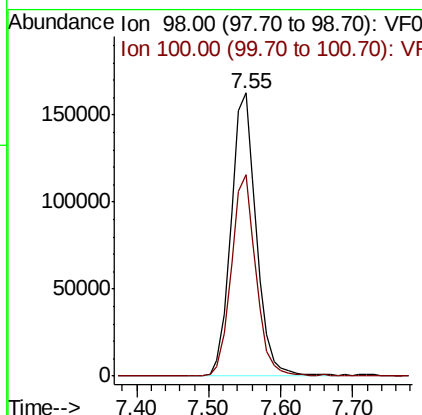
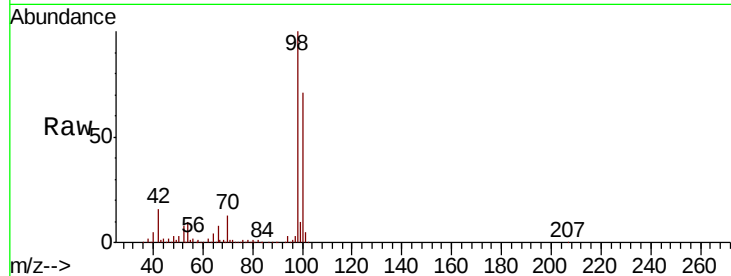
#50
Toluene-d8
Concen: 40.413 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument :
MSVOA_F
ClientSampled :
SR-8

Tot Ion	Ratio	Lower	Upper
98	100		
100	71.4	59.4	89.2

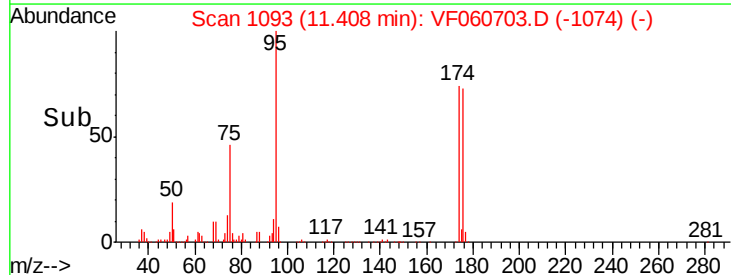
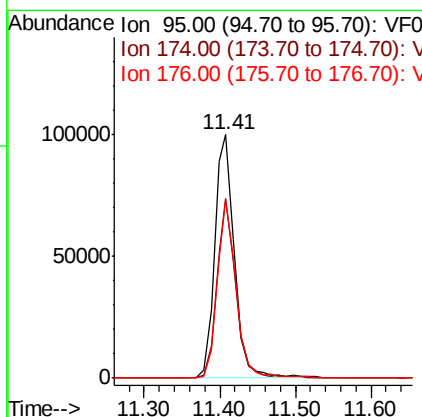
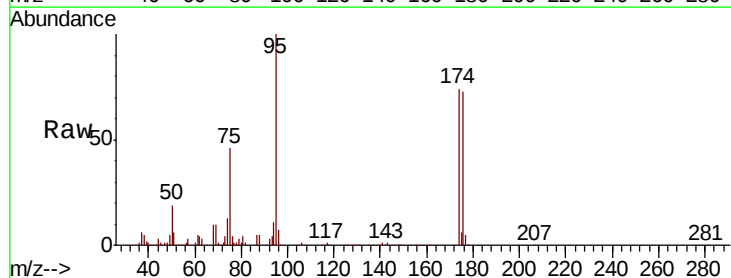
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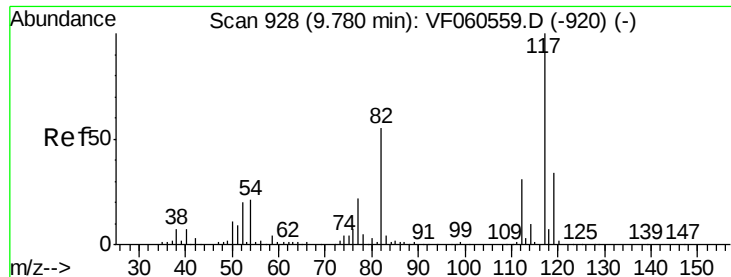
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#62
4-Bromofluorobenzene
Concen: 42.963 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	149.0
176	73.2	0.0	145.6





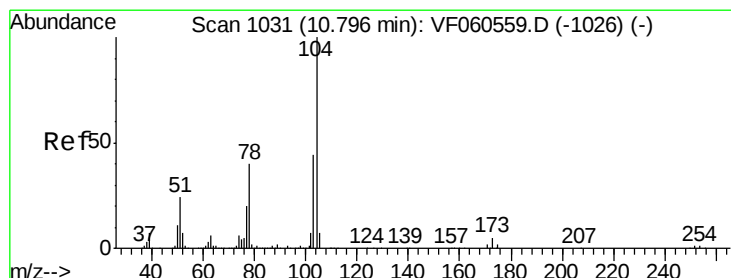
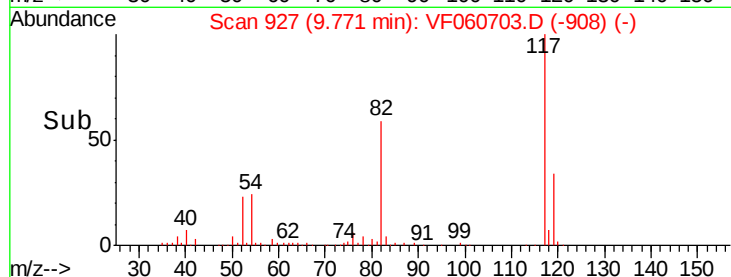
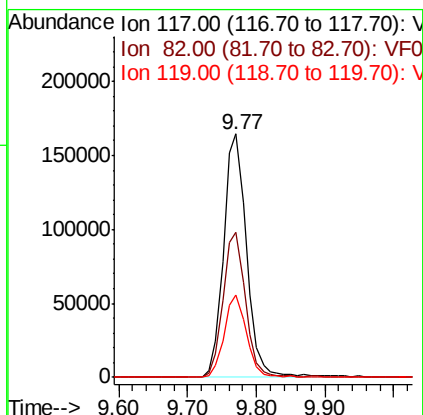
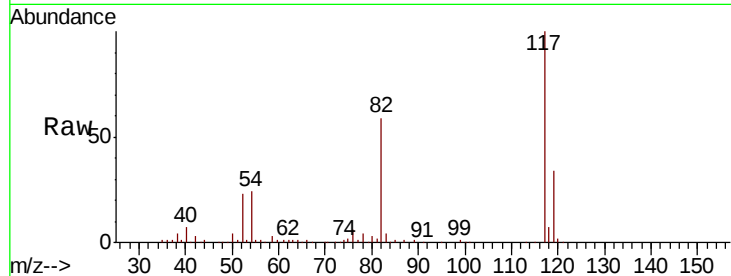
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument :
MSVOA_F
ClientSampled :
SR-8

Tot Ion	Ratio	Resp	Lower	Upper
117	100	381660		
82	59.4	43.9	65.9	
119	33.6	27.4	41.0	

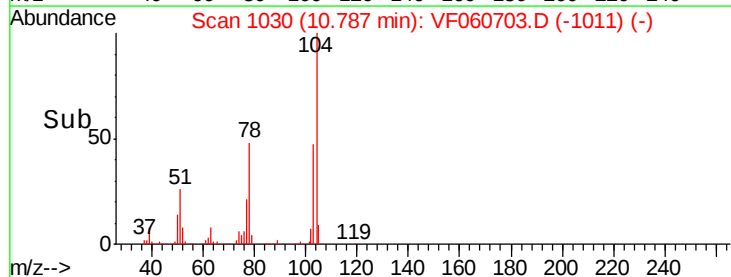
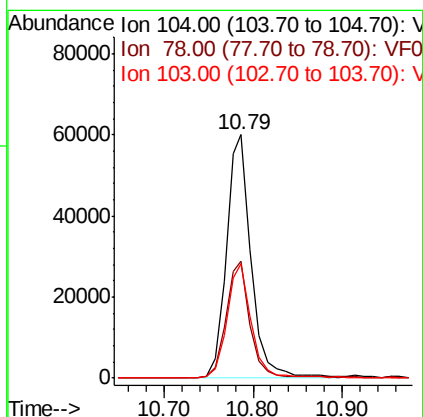
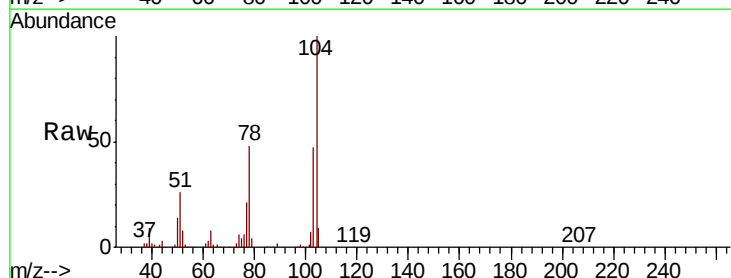
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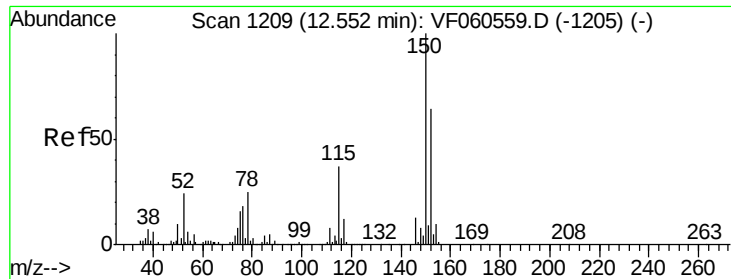
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#70
Styrene
Concen: 13.905 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	117359		
78	47.8	32.6	49.0	
103	47.2	35.2	52.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF060703.D

Acq: 12 Nov 2018 00:20

Instrument :

MSVOA_F

ClientSampleId :

SR-8

Tot Ion:	152	Resp:	208606
Ion Ratio	Lower	Upper	
152	100		
115	62.0	29.6	88.8
150	154.0	0.0	315.6

Manual Integrations
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