

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060809.D
 Acq On : 20 Nov 2018 18:12
 Operator : VA/AP
 Sample : J5775-01
 Misc : 5.35g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-05-111918

Manual Integrations
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Quant Time: Nov 21 03:04:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	185283	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	323321	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	299563	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	146430	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	100217	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	4.12	113	125681	51.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	7.56	98	288949	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
62) 4-Bromofluorobenzene	11.42	95	133876	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
Target Compounds						
16) Acetone	2.24	43	16510	36.55	ug/l	99
20) Methylene Chloride	2.19	84	61973m	40.75	ug/l	
84) 1,2,4-Trimethylbenzene	12.21	105	13629	1.41	ug/l	92
95) Naphthalene	14.47	128	29412	4.88	ug/l	99

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

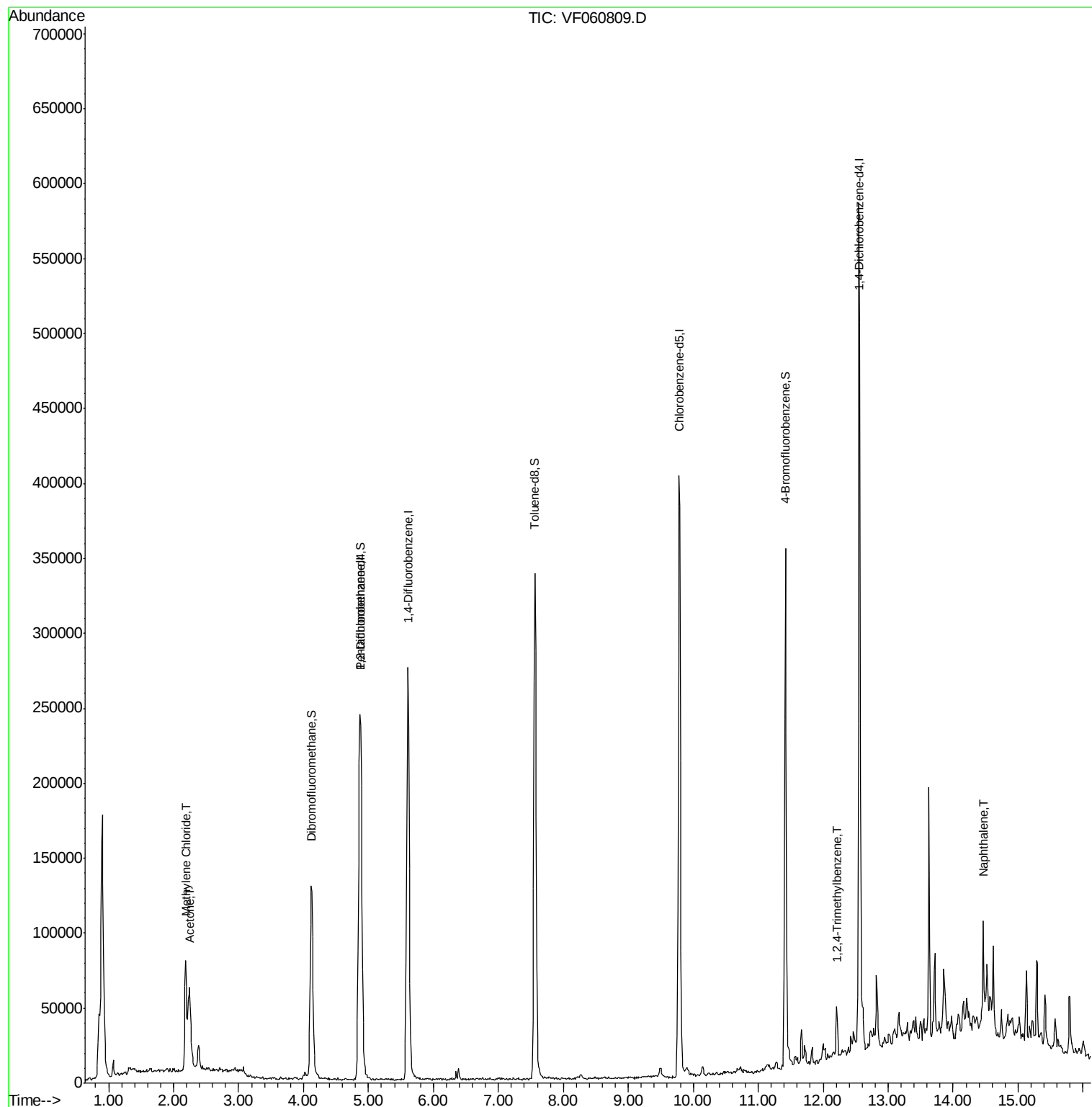
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060809.D
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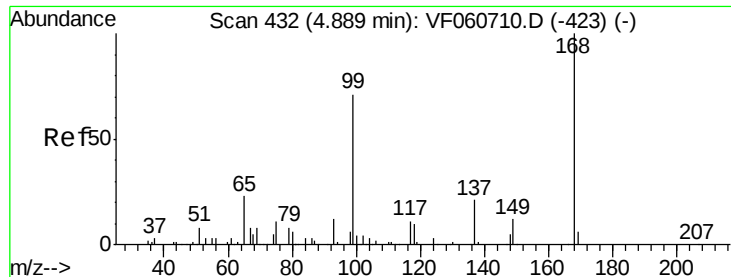
Instrument :
MSVOA_F
ClientSampleId :
TR-05-111918

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Quant Time: Nov 21 03:04:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060809.D

Acq: 20 Nov 2018 18:12

Instrument :

MSVOA_F

ClientSampleId :

TR-05-111918

Tgt Ion: 168 Resp: 185283

Ion Ratio Lower Upper

168 100

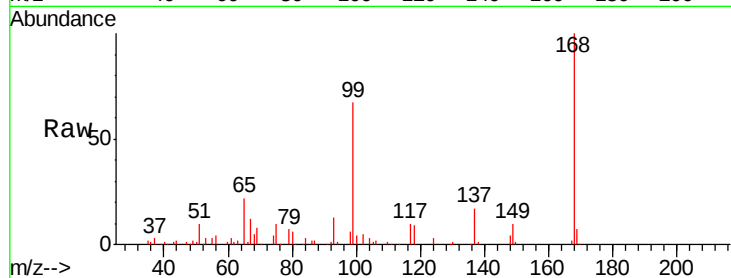
99 67.1 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

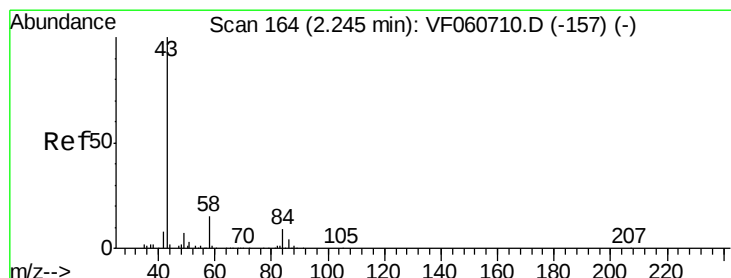
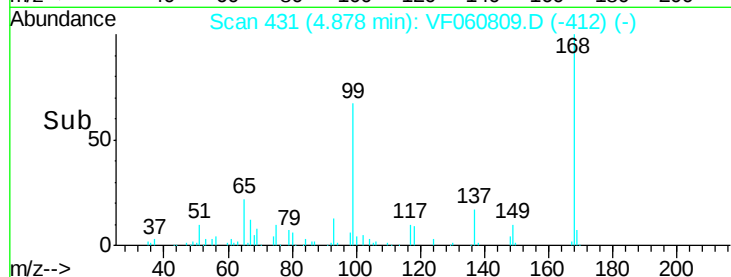
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 36.55 ug/l

RT: 2.24 min Scan# 164

Delta R.T. -0.00 min

Lab File: VF060809.D

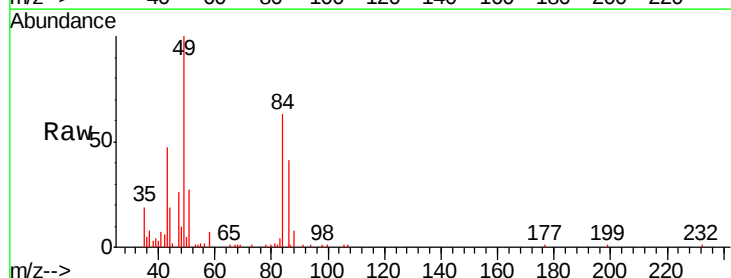
Acq: 20 Nov 2018 18:12

Tgt Ion: 43 Resp: 16510

Ion Ratio Lower Upper

43 100

58 13.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8000

6000

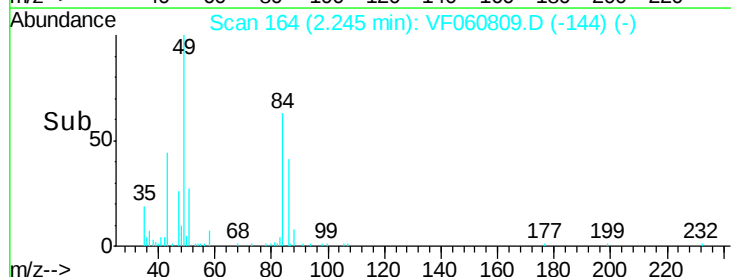
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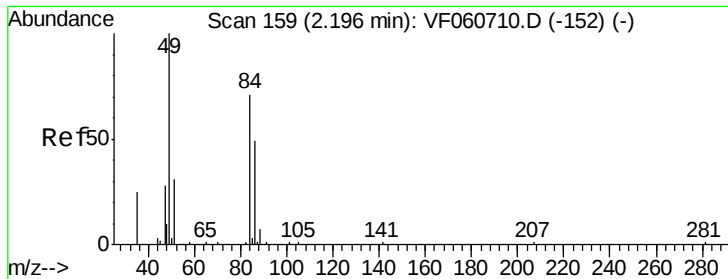
2000

0

2.10 2.20 2.30

Time-->





#20

Methylene Chloride

Concen: 40.75 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF060809.D

Acq: 20 Nov 2018 18:12

Instrument :

MSVOA_F

ClientSampleId :

TR-05-111918

Tgt Ion: 84 Resp: 61973

Ion Ratio Lower Upper

84 100

49 144.7 120.2 180.4

51 43.8 37.2 55.8

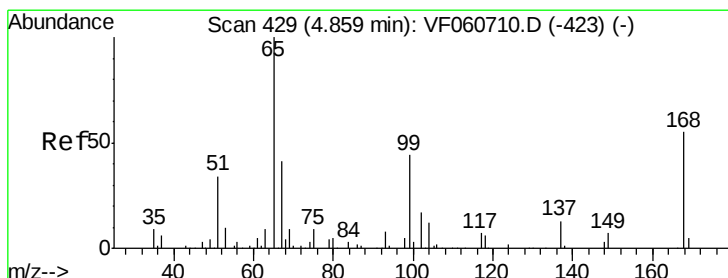
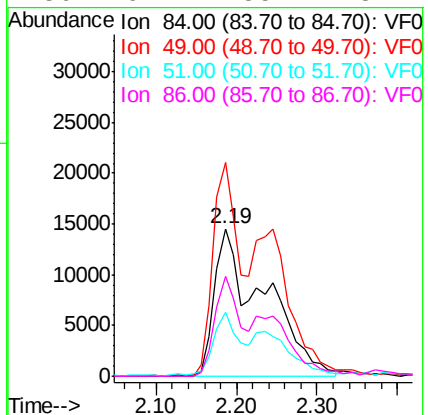
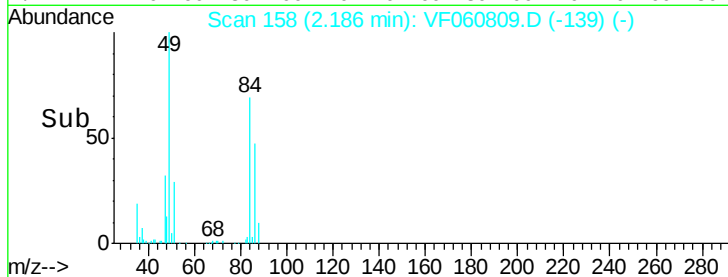
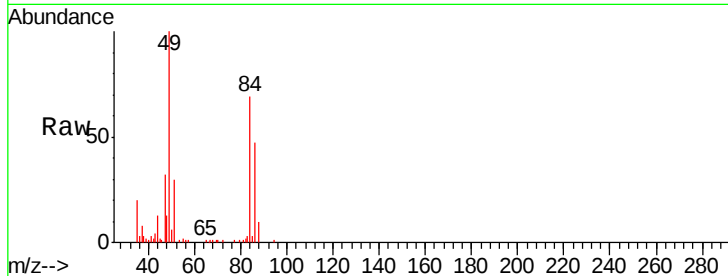
86 67.4 55.1 82.7

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#33

1,2-Dichloroethane-d4

Concen: 47.42 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF060809.D

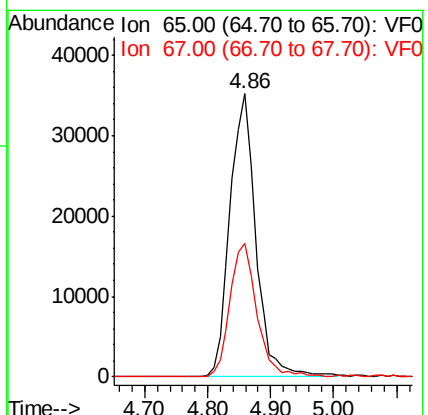
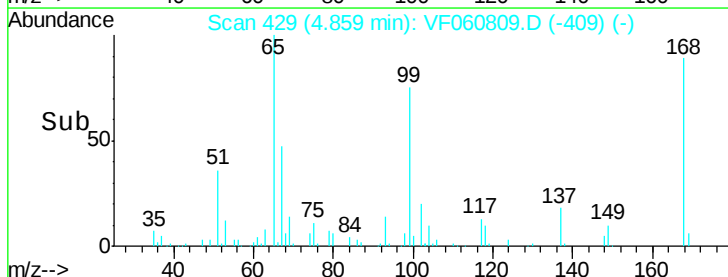
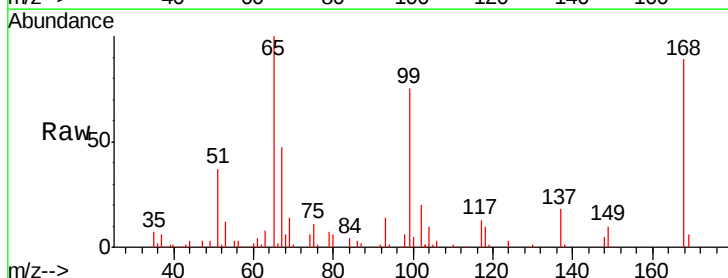
Acq: 20 Nov 2018 18:12

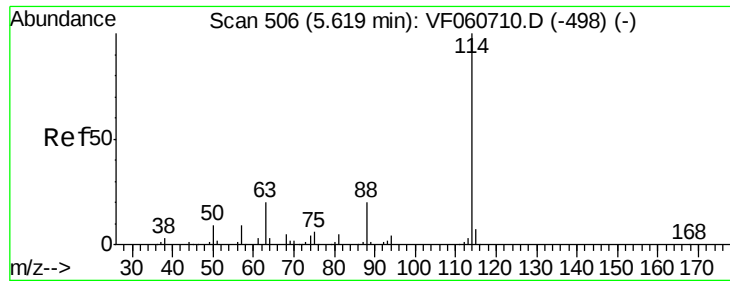
Tgt Ion: 65 Resp: 100217

Ion Ratio Lower Upper

65 100

67 47.0 0.0 90.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060809.D

Acq: 20 Nov 2018 18:12

Instrument :

MSVOA_F

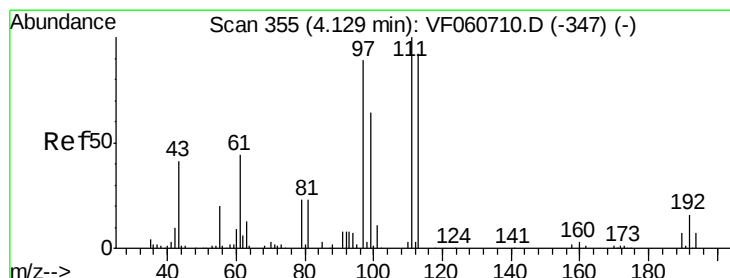
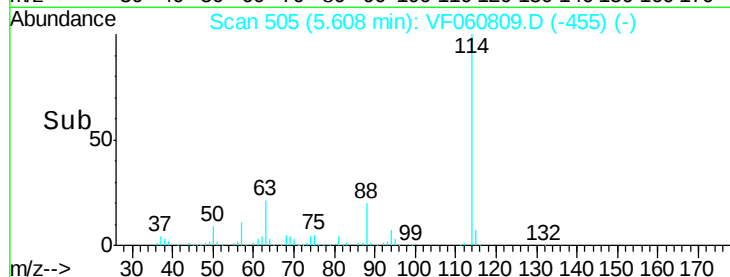
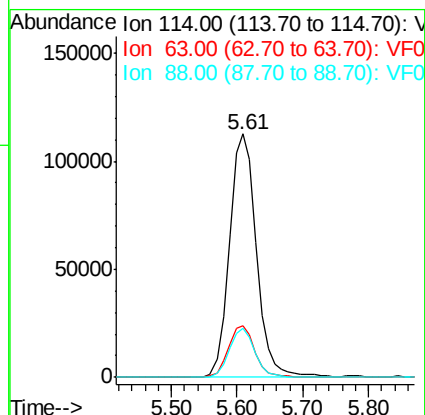
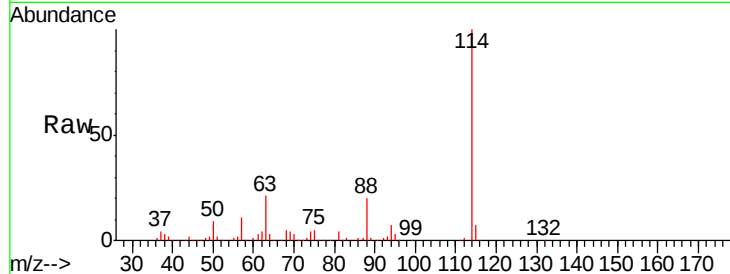
ClientSampleId :

TR-05-111918

Tgt	Ion:114	Resp:	323321
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	20.3	0.0	39.6

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#35

Dibromofluoromethane

Concen: 51.71 ug/l

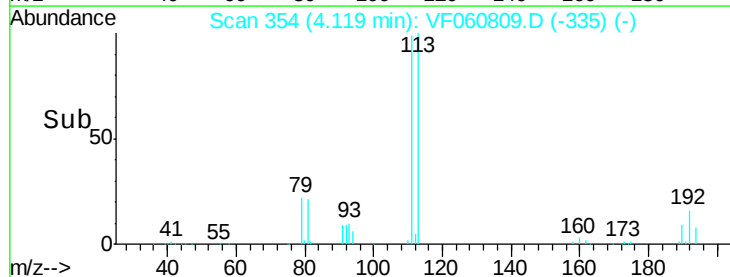
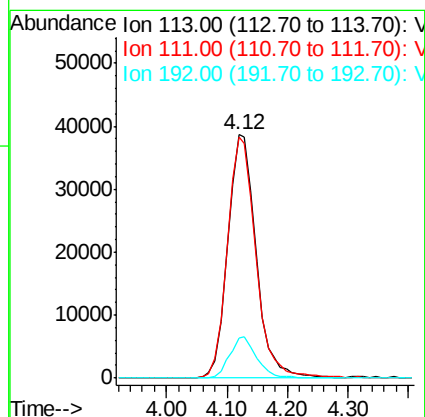
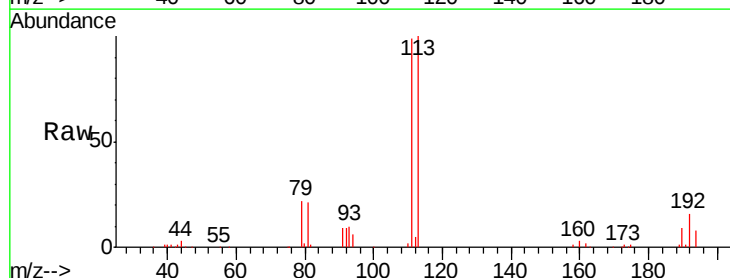
RT: 4.12 min Scan# 354

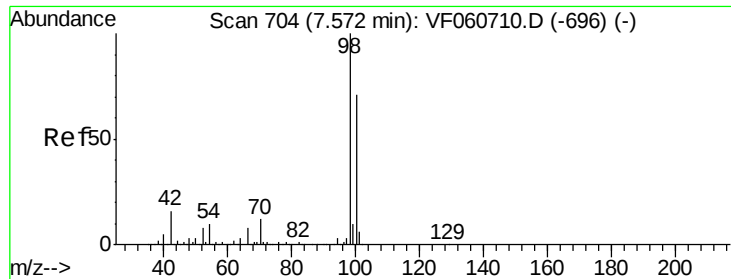
Delta R.T. -0.01 min

Lab File: VF060809.D

Acq: 20 Nov 2018 18:12

Tgt	Ion:113	Resp:	125681
Ion	Ratio	Lower	Upper
113	100		
111	99.0	87.1	130.7
192	16.3	13.8	20.6





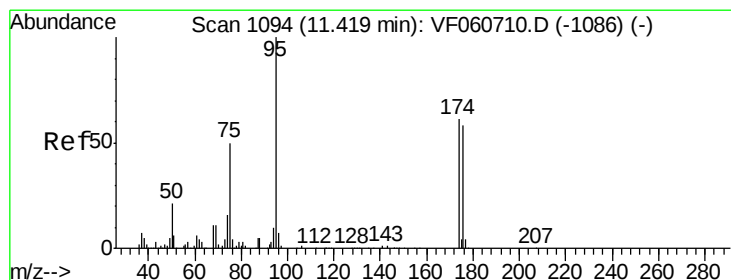
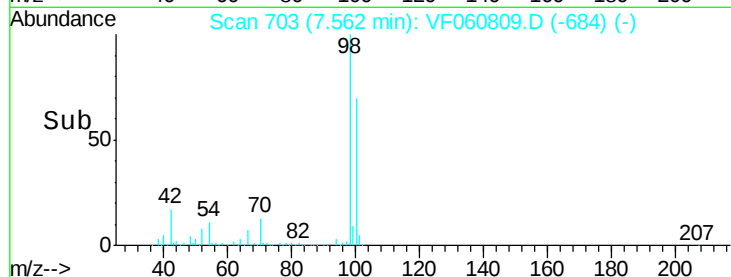
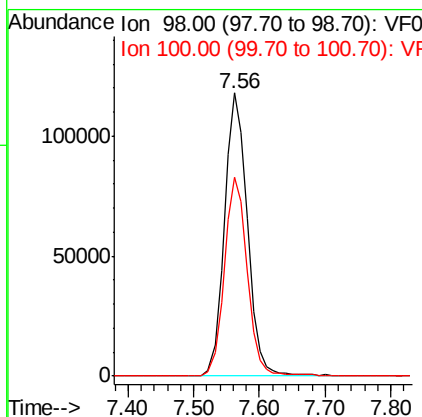
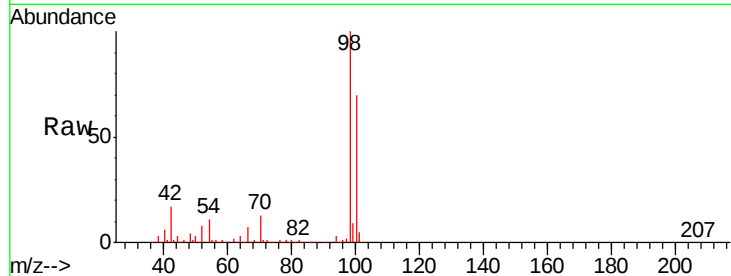
#50
Toluene-d8
Concen: 46.04 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060809.D
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Tgt Ion: 98 Resp: 288949
Ion Ratio Lower Upper
98 100
100 70.1 56.5 84.7

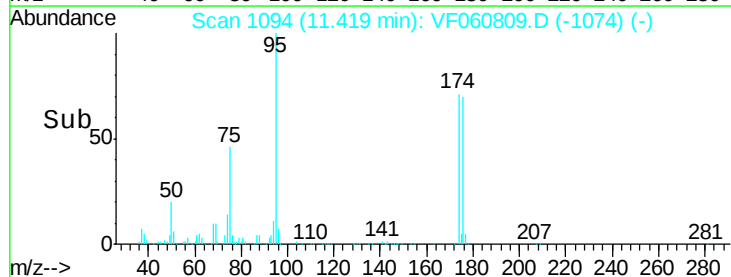
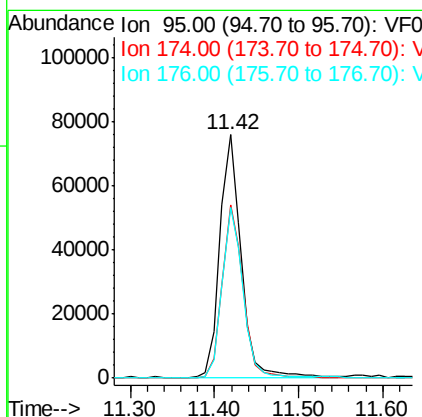
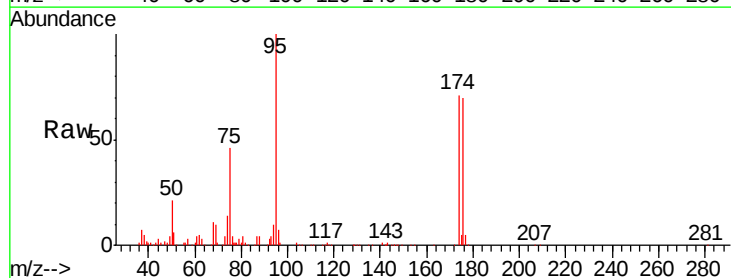
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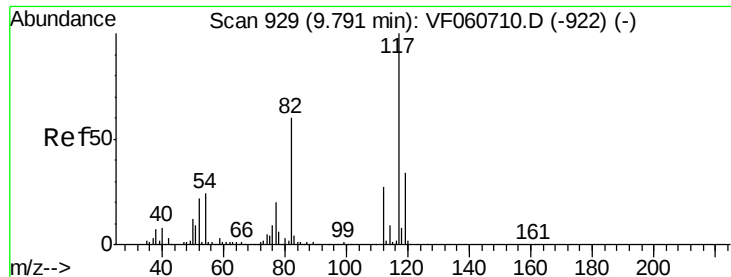
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#62
4-Bromofluorobenzene
Concen: 46.24 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060809.D
Acq: 20 Nov 2018 18:12

Tgt Ion: 95 Resp: 133876
Ion Ratio Lower Upper
95 100
174 71.1 0.0 121.6
176 70.1 0.0 115.2





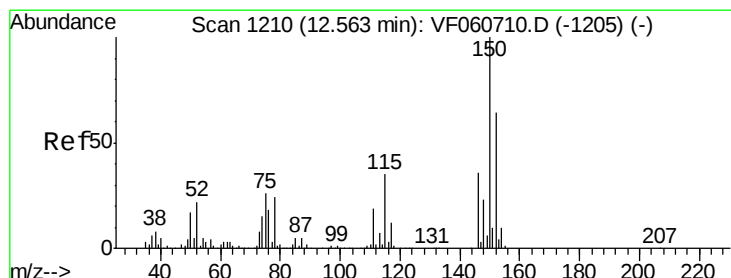
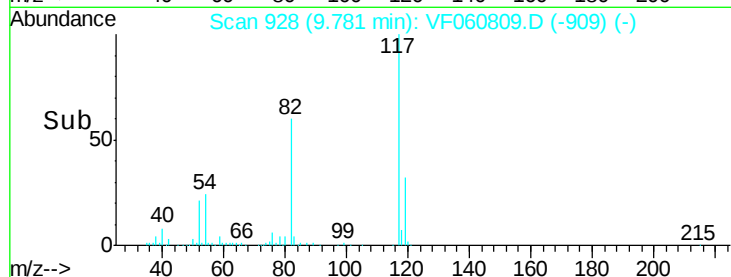
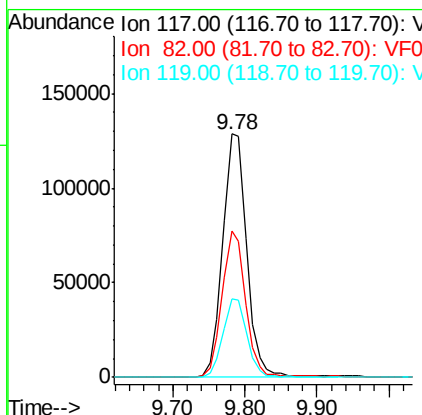
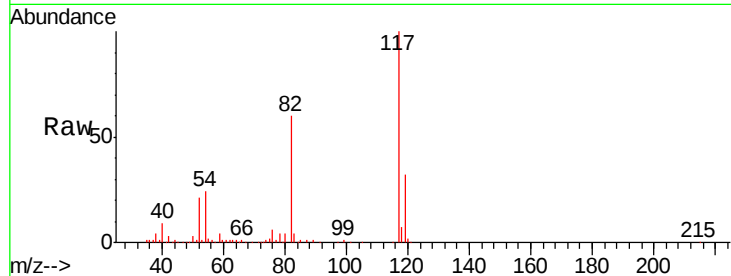
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060809.D
Acq: 20 Nov 2018 18:12

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Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299563		
82	60.1	47.9	71.9	
119	32.0	26.8	40.2	

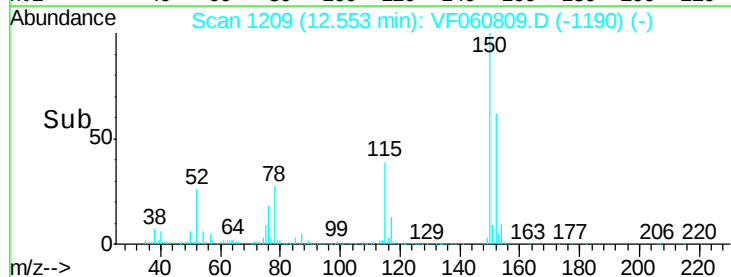
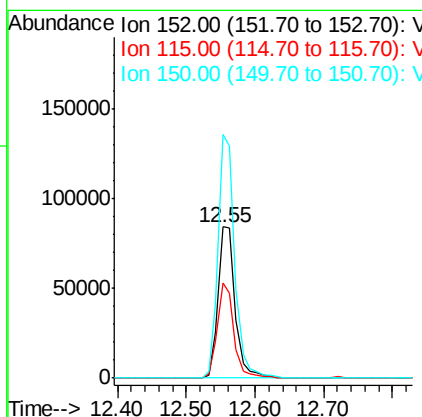
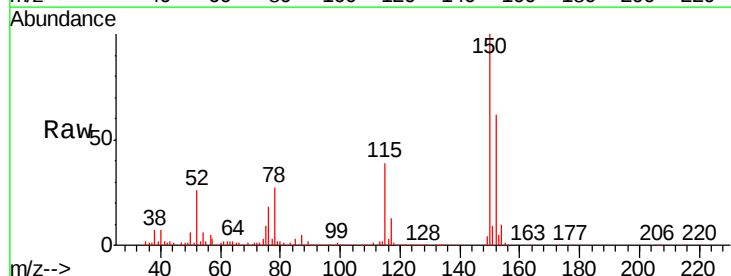
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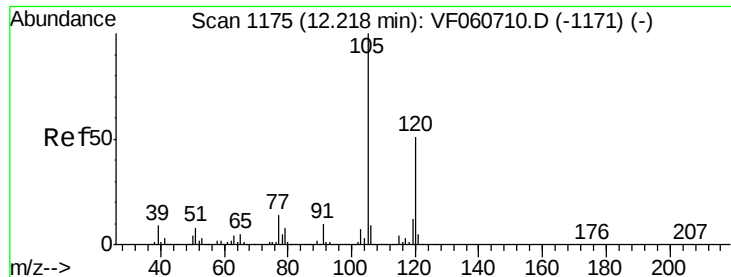
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060809.D
Acq: 20 Nov 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	146430		
115	63.3	27.9	83.7	
150	161.2	0.0	316.4	





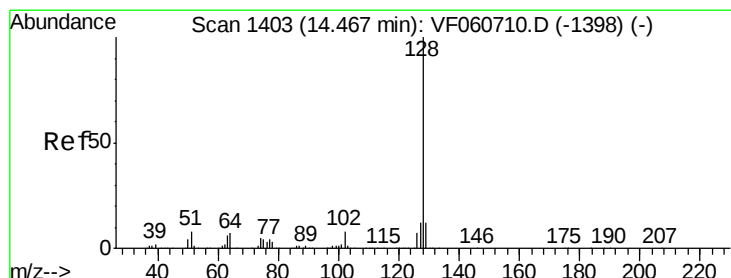
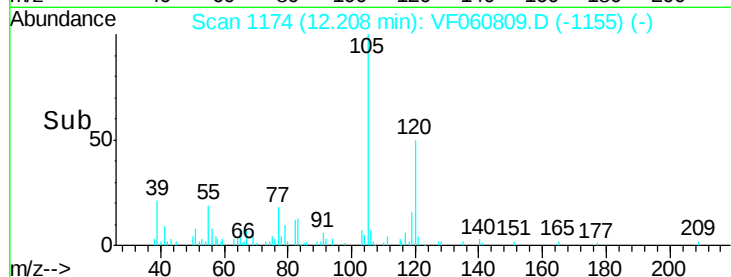
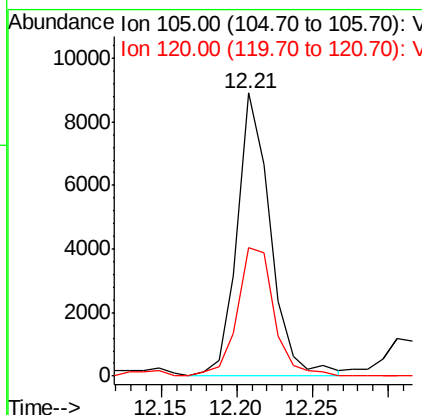
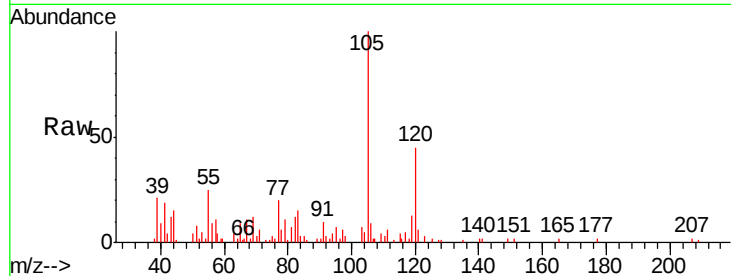
#84
 1,2,4-Trimethylbenzene
 Concen: 1.41 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VF060809.D
 Acq: 20 Nov 2018 18:12

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Tgt Ion:105 Resp: 13629
 Ion Ratio Lower Upper
 105 100
 120 45.4 25.5 76.5

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#95
 Naphthalene
 Concen: 4.88 ug/l
 RT: 14.47 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: VF060809.D
 Acq: 20 Nov 2018 18:12

Tgt Ion:128 Resp: 29412
 Ion Ratio Lower Upper
 128 100
 127 12.7 9.8 14.6
 129 11.2 9.3 13.9

